

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040919\
 Data File : BG040405.D
 Acq On : 9 Apr 2019 19:06
 Operator : JU/SJ
 Sample : PB118717BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 00:52:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	47567	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	187033	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	126774	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	343209	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	403817	20.00	ng	-0.03
87) Perylene-d12	24.98	264	428591	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	239787	83.80	ng	-0.02
7) Phenol-d6	7.20	99	324334	82.02	ng	-0.02
23) Nitrobenzene-d5	9.22	82	291171	82.75	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	135204	98.68	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	683361	79.87	ng	-0.02
79) Terphenyl-d14	20.02	244	1301231	72.49	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	42212	31.374	ng	94
3) Pyridine	3.89	79	117845	32.531	ng	98
4) n-Nitrosodimethylamine	3.81	42	57295	34.192	ng	# 92
6) Aniline	7.37	93	53282	10.371	ng	100
8) 2-Chlorophenol	7.61	128	125828	37.567	ng	92
9) Benzaldehyde	7.19	77	60261	22.216	ng	98
10) Phenol	7.23	94	164344	38.289	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	120460	35.040	ng	97
12) 1,3-Dichlorobenzene	7.93	146	127648	35.058	ng	98
13) 1,4-Dichlorobenzene	8.08	146	131646	36.302	ng	99
14) 1,2-Dichlorobenzene	8.40	146	124372	35.863	ng	98
15) Benzyl Alcohol	8.29	79	109539	34.396	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	225454	34.171	ng	100
17) 2-Methylphenol	8.49	107	112383	37.838	ng	92
18) Hexachloroethane	9.12	117	46179	33.477	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	96705	34.109	ng	93
20) 3+4-Methylphenols	8.81	107	155136	38.557	ng	97
22) Acetophenone	8.88	105	184892	39.630	ng	# 97
24) Nitrobenzene	9.27	77	139679	38.334	ng	99
25) Isophorone	9.78	82	278824	38.511	ng	99
26) 2-Nitrophenol	9.98	139	66201	38.343	ng	97
27) 2,4-Dimethylphenol	10.02	122	129425	47.192	ng	94
28) bis(2-Chloroethoxy)methane	10.26	93	166100	38.777	ng	100
29) 2,4-Dichlorophenol	10.50	162	126826	42.605	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	128298	39.251	ng	99
31) Naphthalene	10.91	128	388303	40.504	ng	100
32) Benzoic acid	10.02	122	129425	78.108	ng	# 15
33) 4-Chloroaniline	11.03	127	44800	10.955	ng	97
34) Hexachlorobutadiene	11.17	225	75770	36.246	ng	98
35) Caprolactam	11.80	113	52810	44.704	ng	90
36) 4-Chloro-3-methylphenol	12.14	107	150381	43.943	ng	99
37) 2-Methylnaphthalene	12.51	142	290122	40.918	ng	98
38) 1-Methylnaphthalene	12.73	142	282273	41.056	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	150258	37.291	ng	97

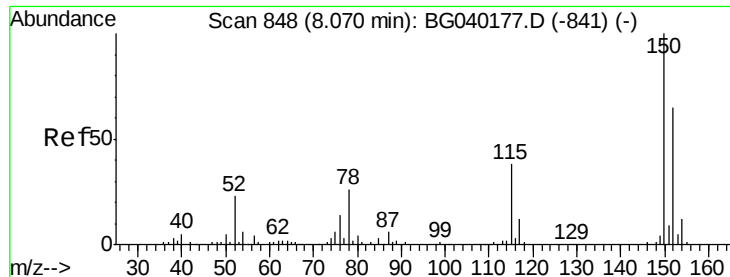
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040919\
 Data File : BG040405.D
 Acq On : 9 Apr 2019 19:06
 Operator : JU/SJ
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	170340	76.994	ng	98
43) 2,4,6-Trichlorophenol	13.12	196	107401	41.343	ng	94
44) 2,4,5-Trichlorophenol	13.19	196	119686	42.268	ng	98
46) 1,1'-Biphenyl	13.51	154	382946	38.230	ng	97
47) 2-Chloronaphthalene	13.56	162	297051	38.661	ng	99
48) 2-Nitroaniline	13.77	65	105480	40.699	ng	95
49) Acenaphthylene	14.41	152	507682	38.971	ng	98
50) Dimethylphthalate	14.13	163	406589	40.979	ng	98
51) 2,6-Dinitrotoluene	14.26	165	91934	41.266	ng	99
52) Acenaphthene	14.74	154	293893	39.371	ng	98
53) 3-Nitroaniline	14.59	138	45483	19.287	ng	96
54) 2,4-Dinitrophenol	14.81	184	14415	12.167	ng	92
55) Dibenzofuran	15.08	168	492141	41.029	ng	99
56) 4-Nitrophenol	14.90	139	159009	83.545	ng	97
57) 2,4-Dinitrotoluene	15.05	165	139981	45.220	ng	98
58) Fluorene	15.72	166	393356	41.711	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	119034	46.326	ng	99
60) Diethylphthalate	15.48	149	437557	43.097	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	210597	41.777	ng	100
62) 4-Nitroaniline	15.76	138	115176	45.511	ng	98
63) Azobenzene	16.00	77	402942	42.075	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	26132	13.552	ng	95
66) n-Nitrosodiphenylamine	15.93	169	381388	37.975	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	141993	36.764	ng	97
68) Hexachlorobenzene	16.72	284	148035	38.120	ng	96
69) Atrazine	16.87	200	155640	41.659	ng	99
70) Pentachlorophenol	17.07	266	106982	47.651	ng	98
71) Phenanthrene	17.47	178	732046	40.580	ng	99
72) Anthracene	17.56	178	752944	41.700	ng	99
73) Carbazole	17.83	167	765295	44.785	ng	98
74) Di-n-butylphthalate	18.37	149	915919	45.218	ng	99
75) Fluoranthene	19.48	202	1003739	46.989	ng	99
77) Benzidine	19.66	184	188332	12.915	ng	# 96
78) Pyrene	19.84	202	1027282	38.684	ng	99
80) Butylbenzylphthalate	20.70	149	453142	39.877	ng	97
81) Benzo(a)anthracene	21.68	228	951783	38.266	ng	97
82) 3,3'-Dichlorobenzidine	21.60	252	142372	15.047	ng	98
83) Chrysene	21.75	228	935592	39.139	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	644643	39.686	ng	98
85) Di-n-octyl phthalate	22.77	149	1103286	39.865	ng	99
86) Indeno(1,2,3-cd)pyrene	28.74	276	1164229	39.821	ng	# 90
88) Benzo(b)fluoranthene	23.93	252	1037095	39.523	ng	98
89) Benzo(k)fluoranthene	24.00	252	996771	41.307	ng	99
90) Benzo(a)pyrene	24.82	252	1007802	40.934	ng	100
91) Dibenzo(a,h)anthracene	28.81	278	944728	41.316	ng	98
92) Benzo(g,h,i)perylene	29.93	276	974919	41.487	ng	98

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

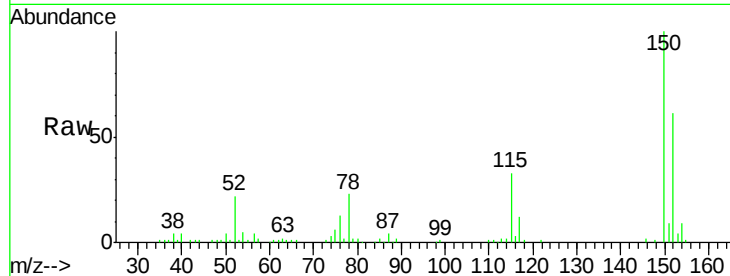


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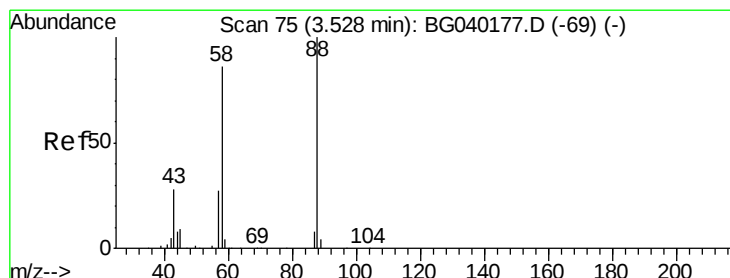
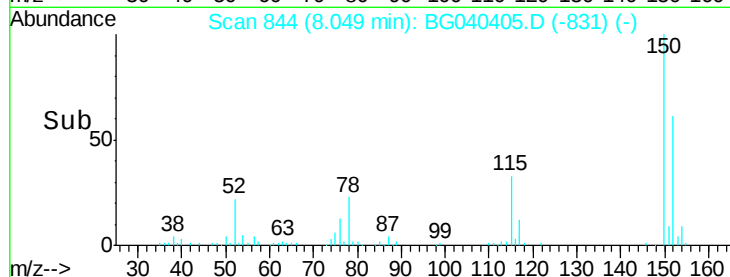
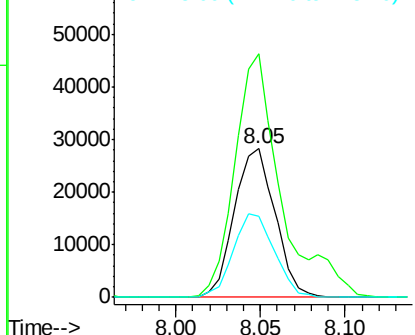
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040405.D
Acq: 9 Apr 2019 19:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 47567
Ion Ratio Lower Upper
152 100
150 163.9 123.7 185.5
115 54.5 46.9 70.3



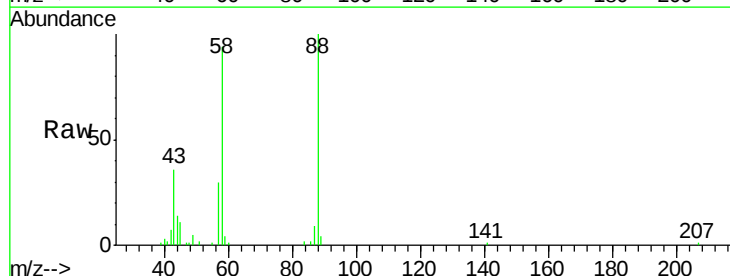
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



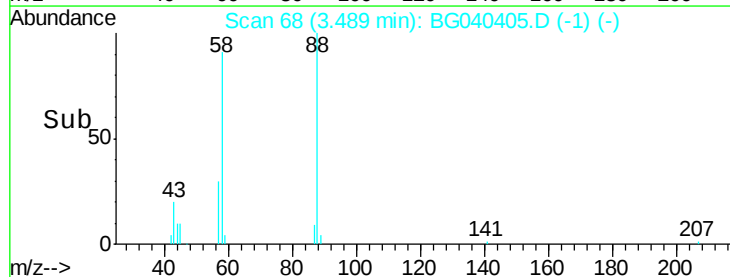
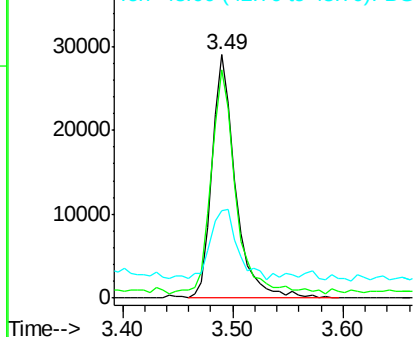
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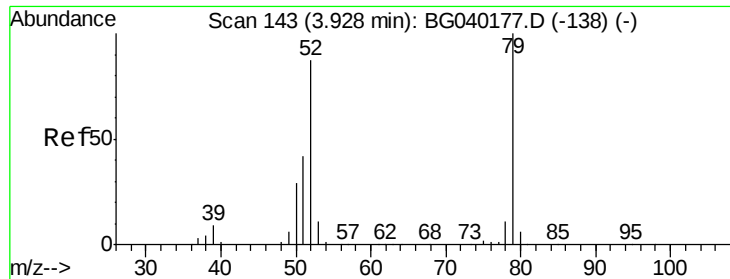
1,4-Dioxane
Concen: 31.374 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.04 min
Lab File: BG040405.D
Acq: 9 Apr 2019 19:06

Tgt Ion: 88 Resp: 42212
Ion Ratio Lower Upper
88 100
58 94.6 70.6 106.0
43 33.3 24.8 37.2



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: 32.531 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

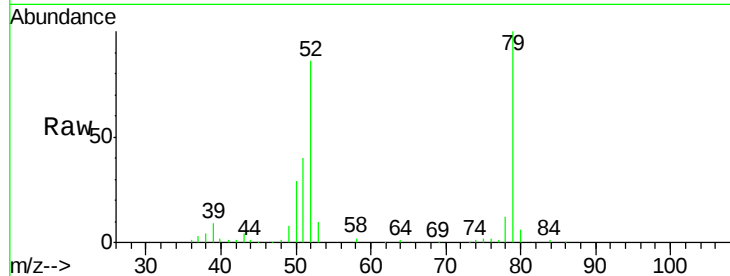
Tot Ion: 79 Resp: 117845

Ion Ratio Lower Upper

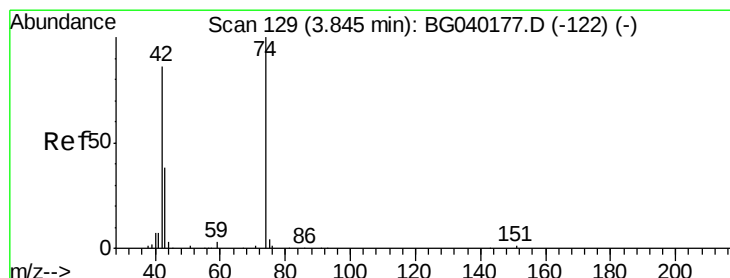
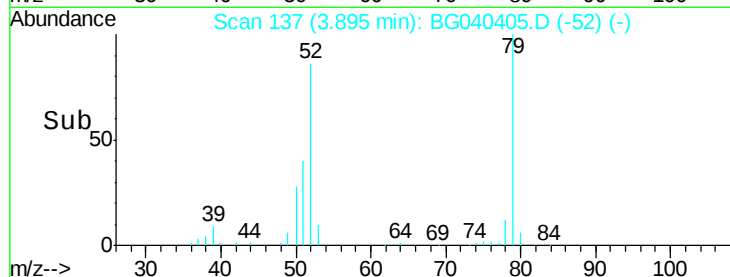
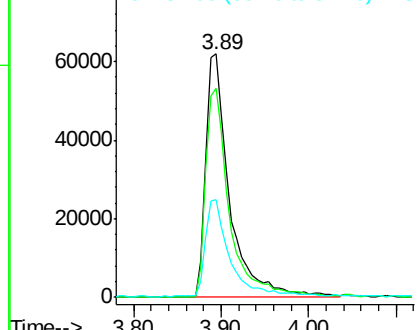
79 100

52 85.7 69.8 104.8

51 40.3 33.9 50.9



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: 34.192 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.03 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

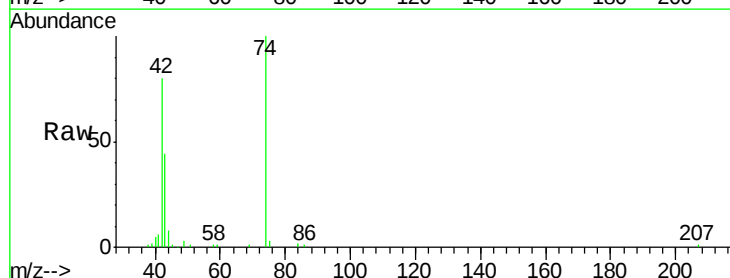
Tgt Ion: 42 Resp: 57295

Ion Ratio Lower Upper

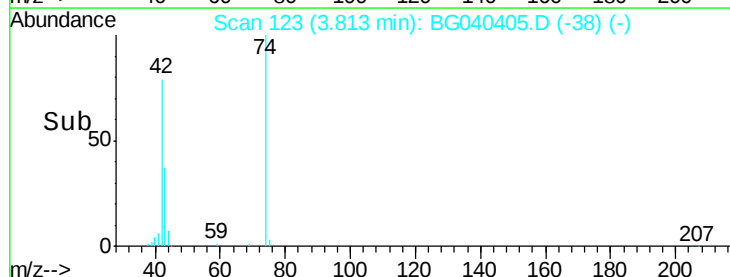
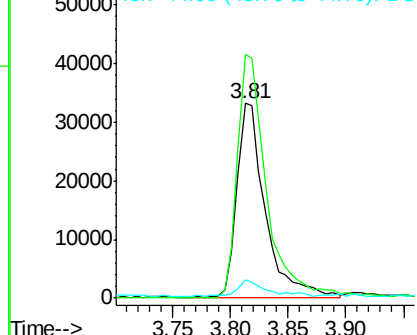
42 100

74 124.9 92.9 139.3

44 9.5 9.7 14.5#



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: 83.803 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

Instrument :

BNA_G

ClientSampled :

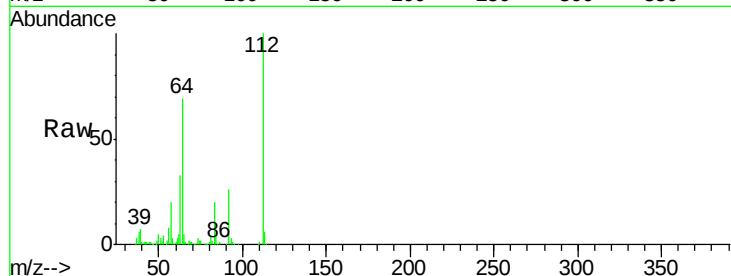
Tot Ion: 112 Resp: 239787

Ion Ratio Lower Upper

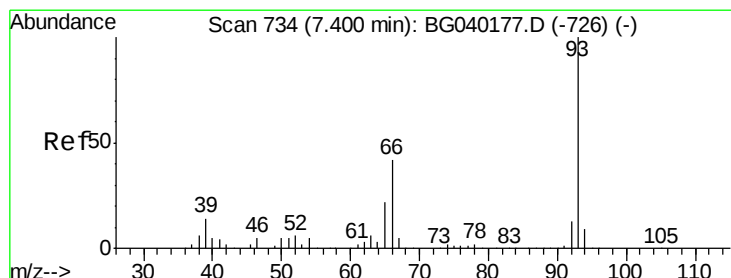
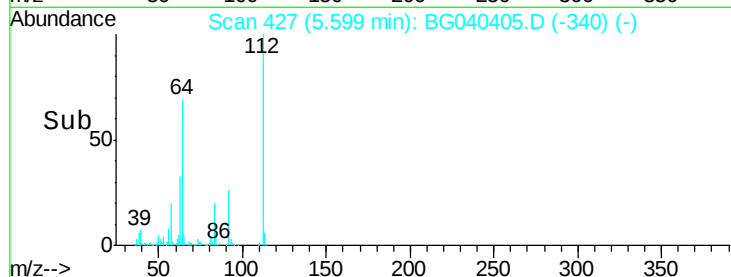
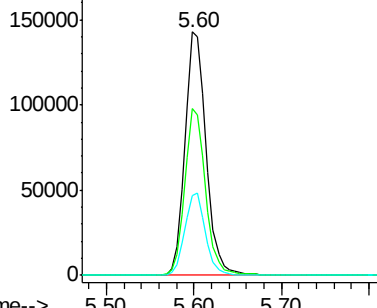
112 100

64 68.5 54.2 81.2

63 32.6 26.4 39.6



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: 10.371 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

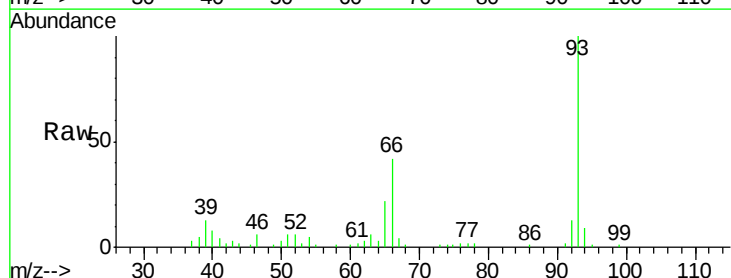
Tgt Ion: 93 Resp: 53282

Ion Ratio Lower Upper

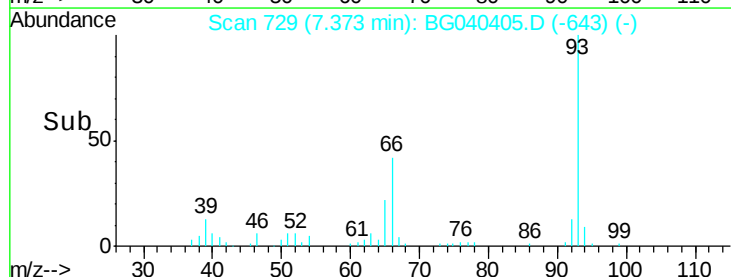
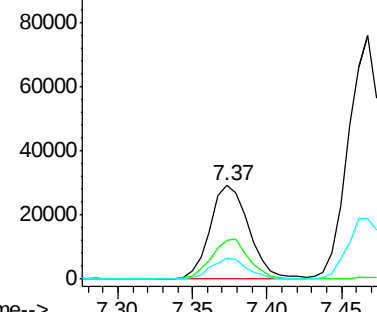
93 100

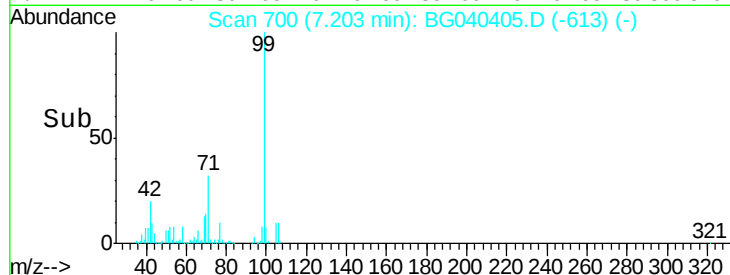
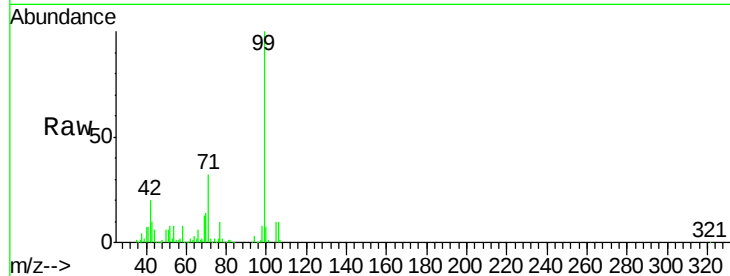
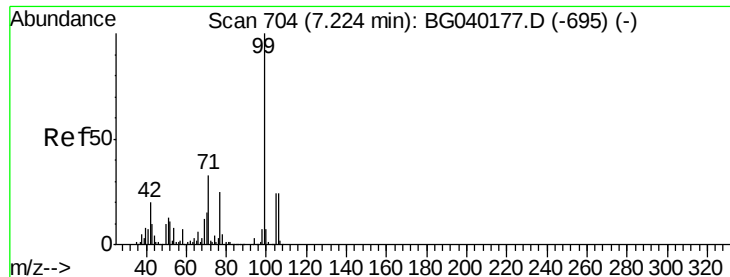
66 42.0 33.6 50.4

65 21.9 17.4 26.2



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: 82.019 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

Instrument :

BNA_G

ClientSampled :

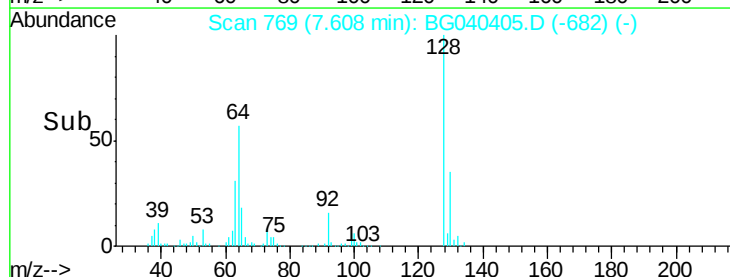
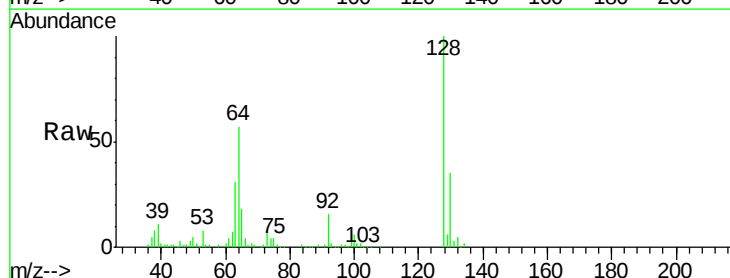
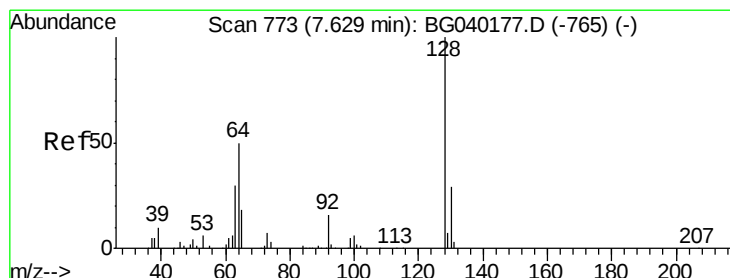
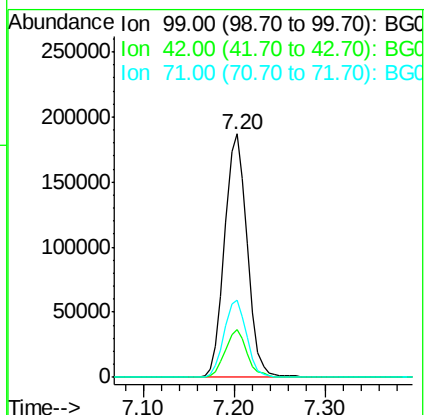
Tot Ion: 99 Resp: 324334

Ion Ratio Lower Upper

99 100

42 19.7 16.2 24.2

71 31.5 26.8 40.2



#8

2-Chlorophenol

Concen: 37.567 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

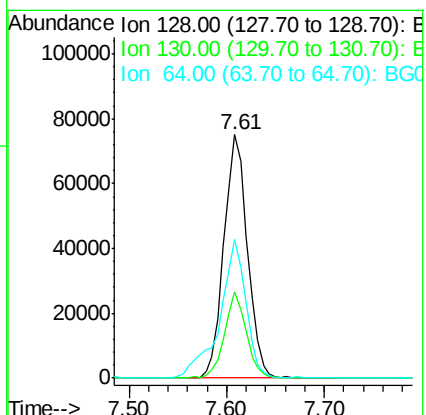
Tgt Ion: 128 Resp: 125828

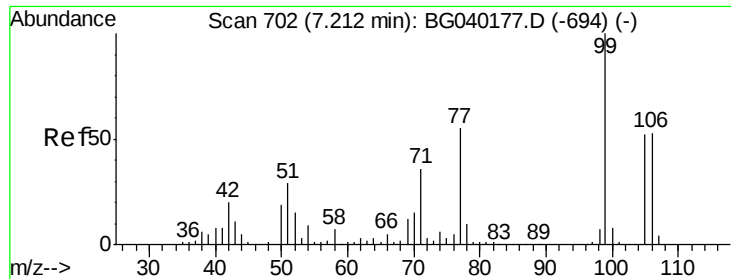
Ion Ratio Lower Upper

128 100

130 35.3 9.1 49.1

64 57.2 33.1 73.1





#9

Benzaldehyde

Concen: 22.216 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

Instrument :

BNA_G

ClientSampled :

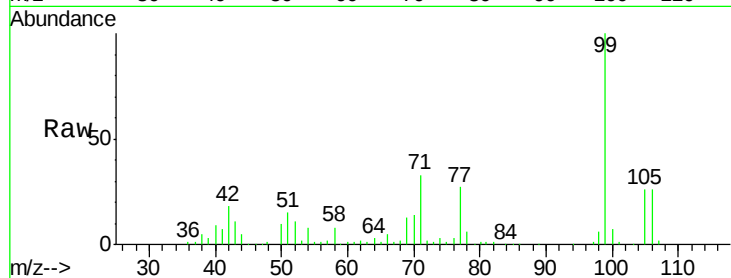
Tot Ion: 77 Resp: 60261

Ion Ratio Lower Upper

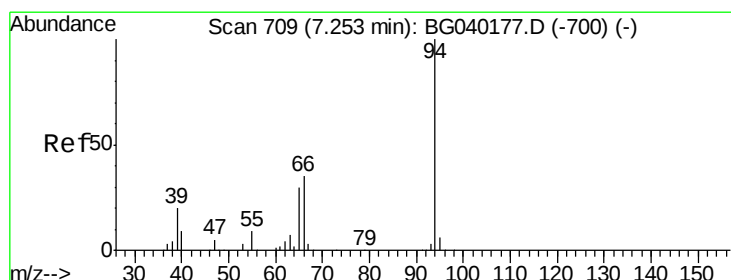
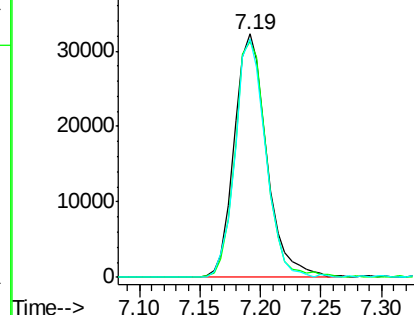
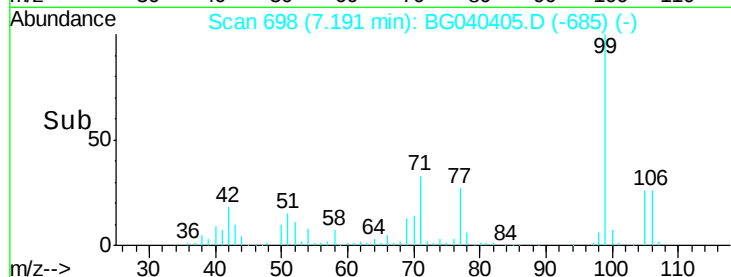
77 100

105 96.7 75.0 115.0

106 97.9 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.289 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

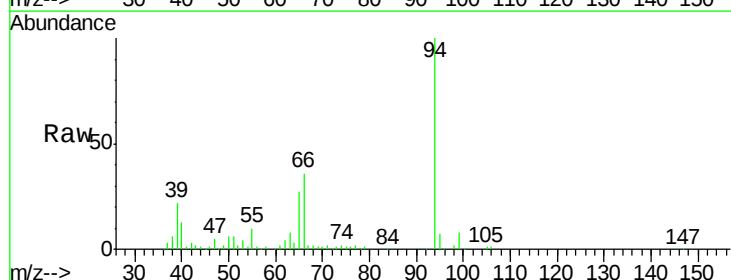
Tgt Ion: 94 Resp: 164344

Ion Ratio Lower Upper

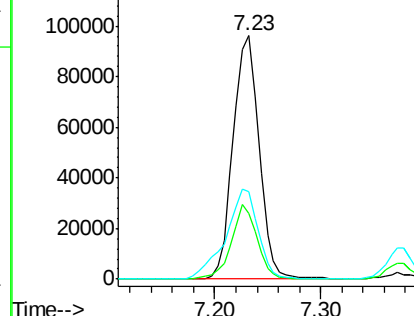
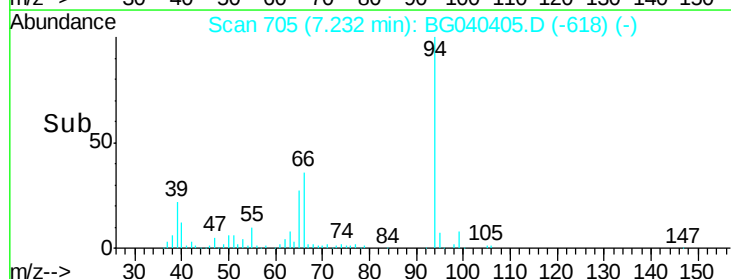
94 100

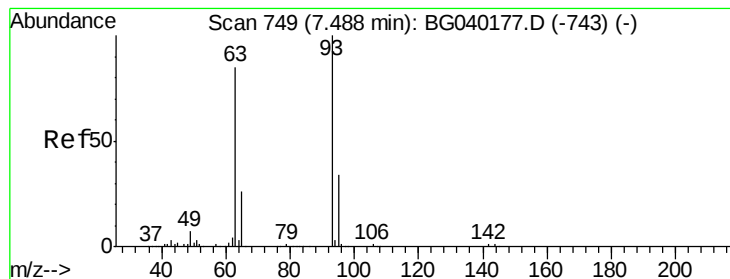
65 27.2 10.5 50.5

66 35.8 16.9 56.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 35.040 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

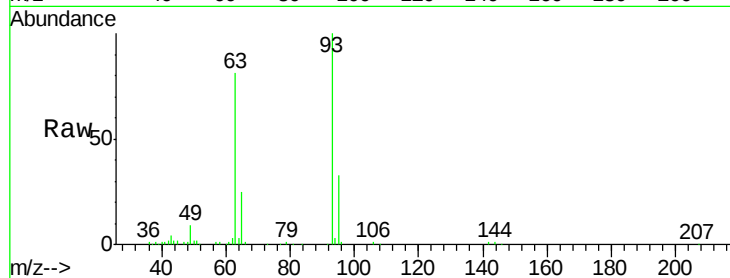
Tot Ion: 93 Resp: 120460

Ion Ratio Lower Upper

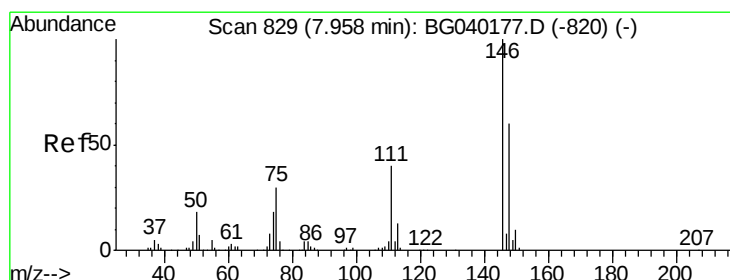
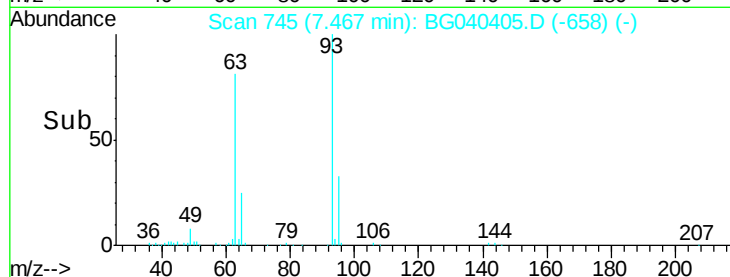
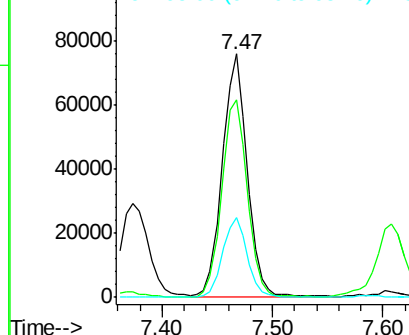
93 100

63 81.3 64.2 104.2

95 32.8 14.0 54.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 35.058 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

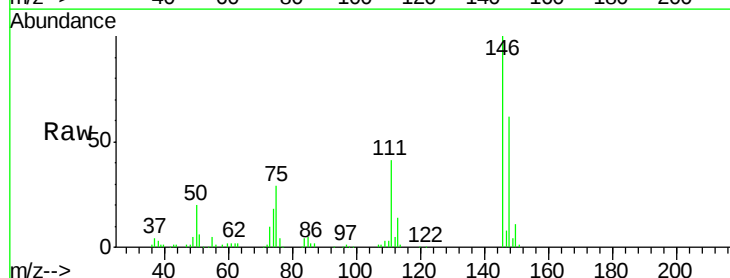
Tgt Ion: 146 Resp: 127648

Ion Ratio Lower Upper

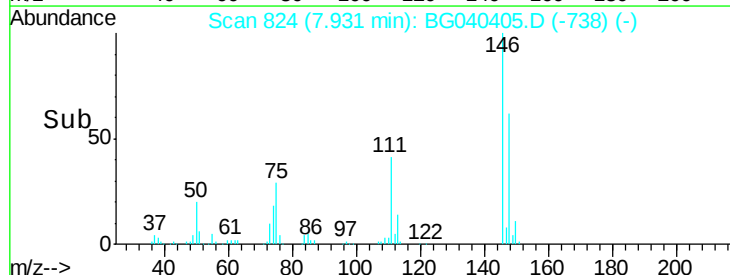
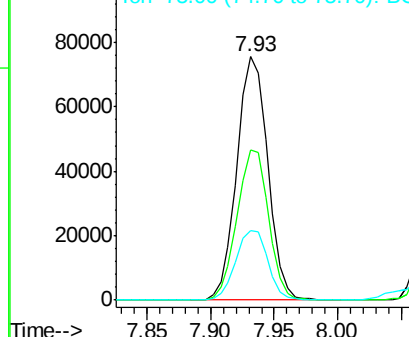
146 100

148 61.8 48.2 72.2

75 28.8 24.1 36.1



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

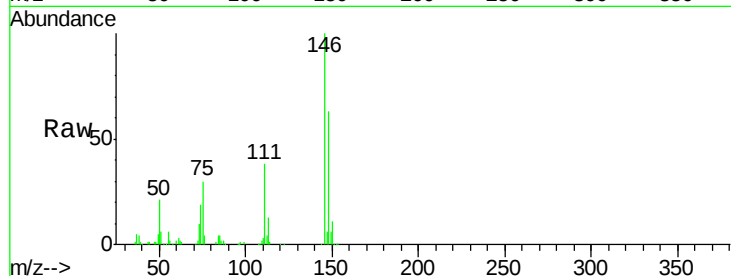




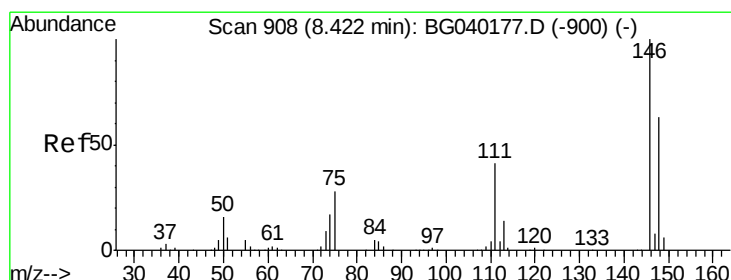
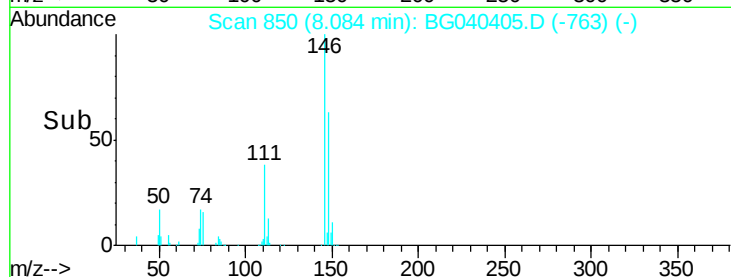
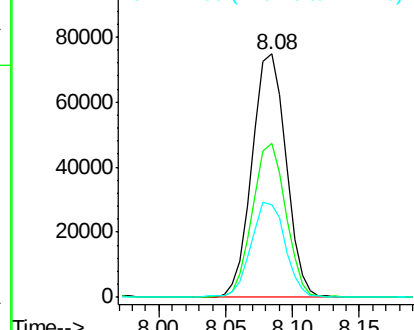
#13
 1,4-Dichlorobenzene
 Concen: 36.302 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 131646
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.0 76.4
 111 37.9 31.8 47.6

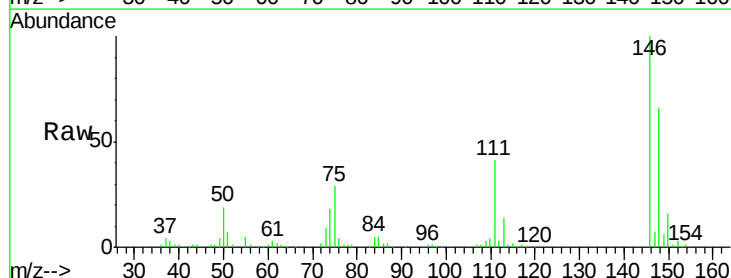


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

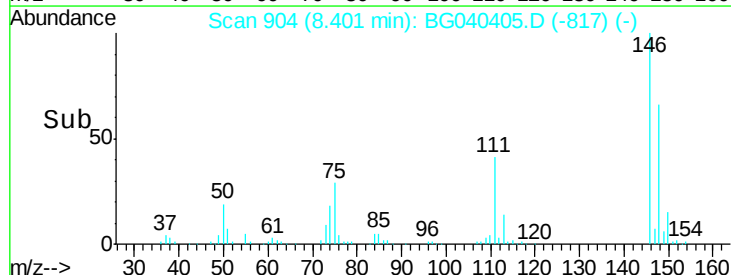
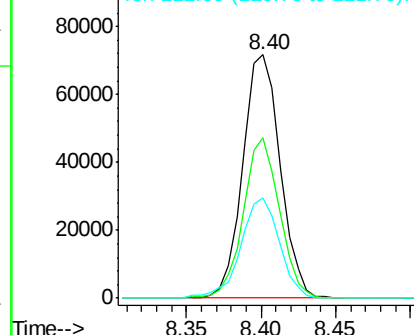


#14
 1,2-Dichlorobenzene
 Concen: 35.863 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

Tgt Ion:146 Resp: 124372
 Ion Ratio Lower Upper
 146 100
 148 65.9 50.8 76.2
 111 41.1 33.4 50.0



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: 34.396 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

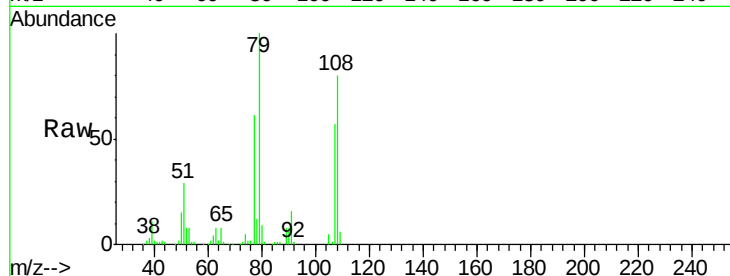
Tot Ion: 79 Resp: 109539

Ion Ratio Lower Upper

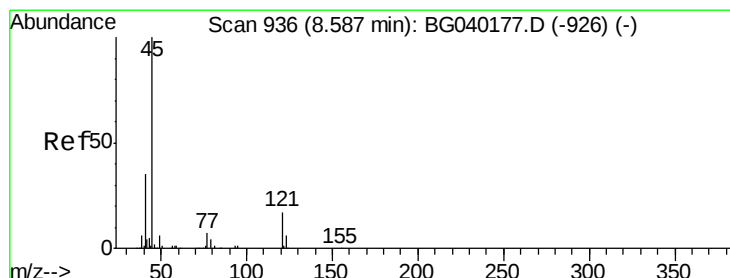
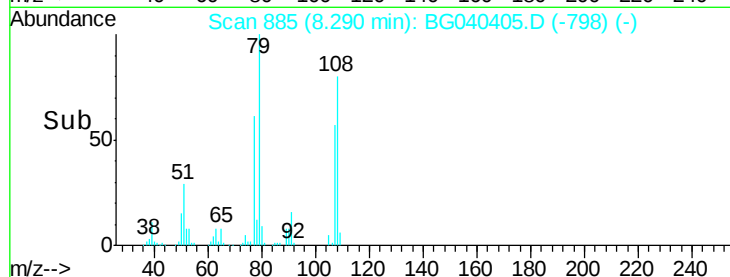
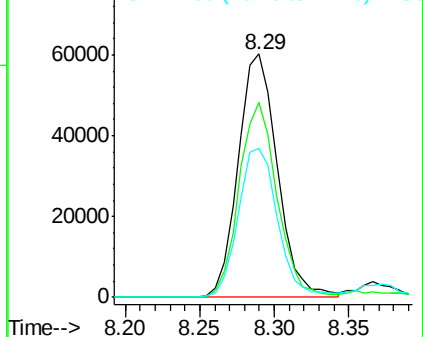
79 100

108 80.0 62.1 93.1

77 60.9 51.9 77.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.171 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

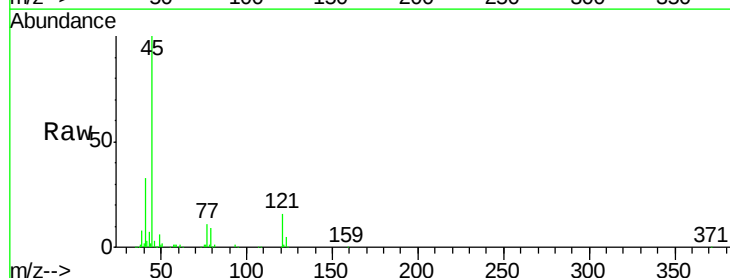
Tgt Ion: 45 Resp: 225454

Ion Ratio Lower Upper

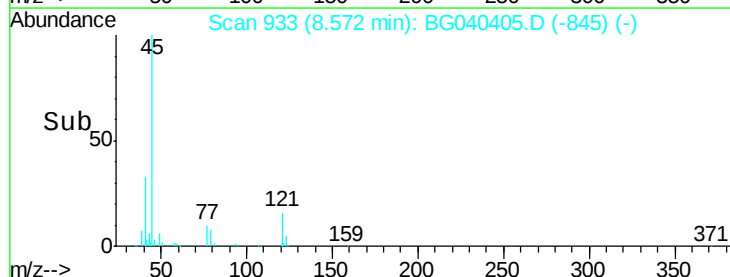
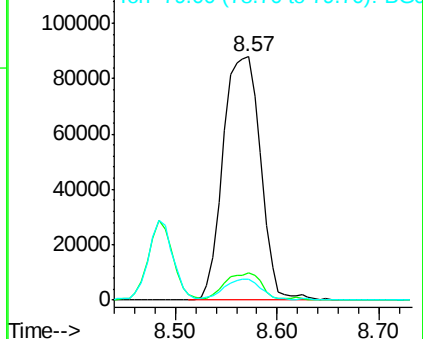
45 100

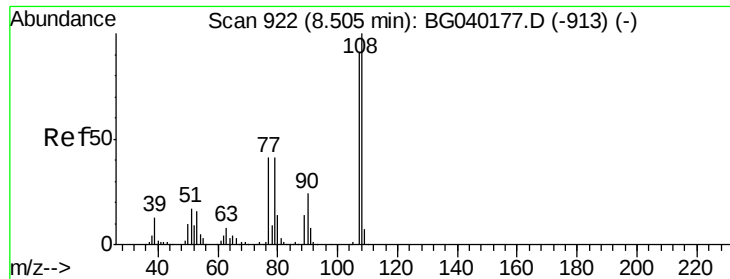
77 11.3 0.0 31.4

79 8.5 0.0 28.3



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

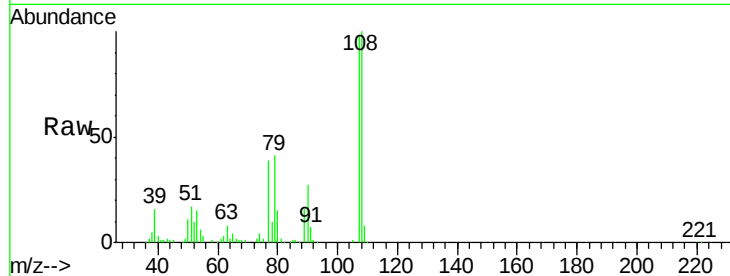




#17
2-Methylphenol
Concen: 37.838 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG040405.D
Acq: 9 Apr 2019 19:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	101.8	88.2	132.4
77	39.9	36.6	55.0
79	41.6	36.5	54.7



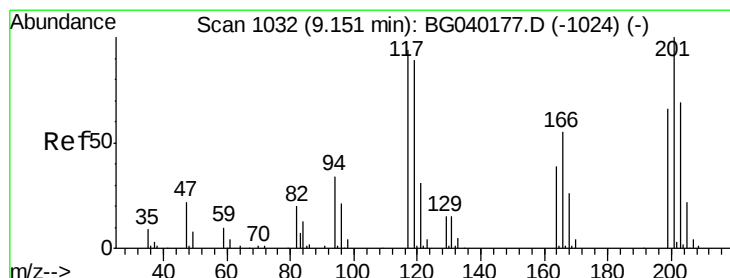
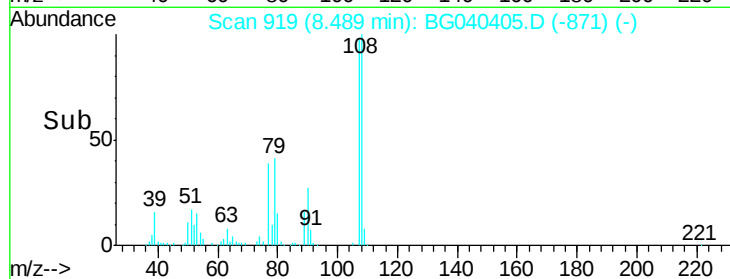
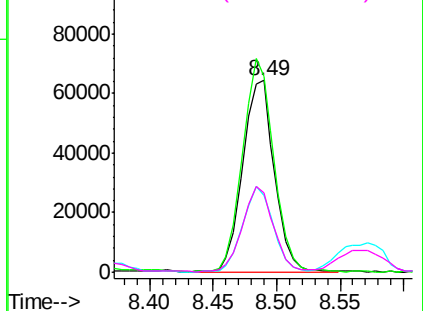
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

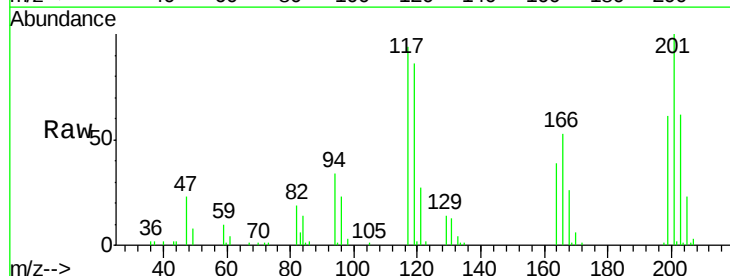
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 33.477 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040405.D
Acq: 9 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.2	76.6	115.0
201	106.4	85.0	127.4

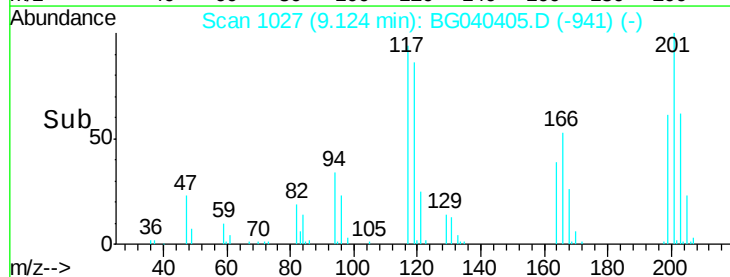
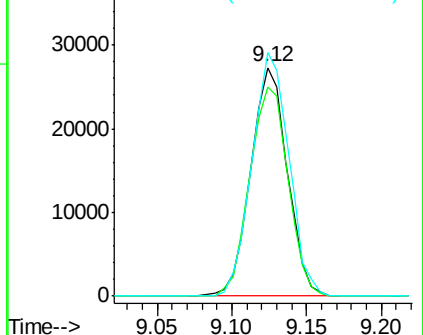


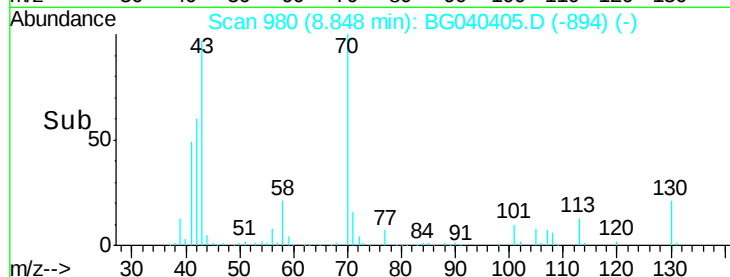
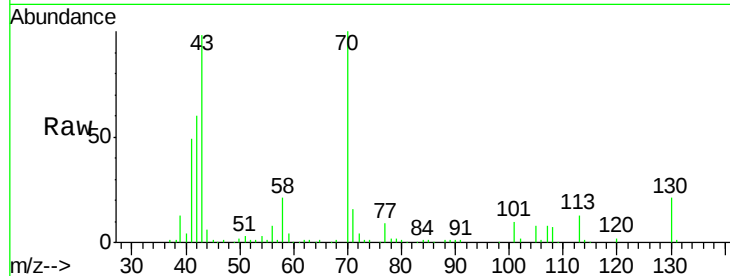
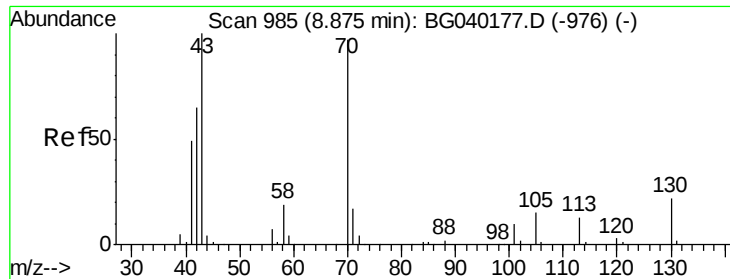
Abundance

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

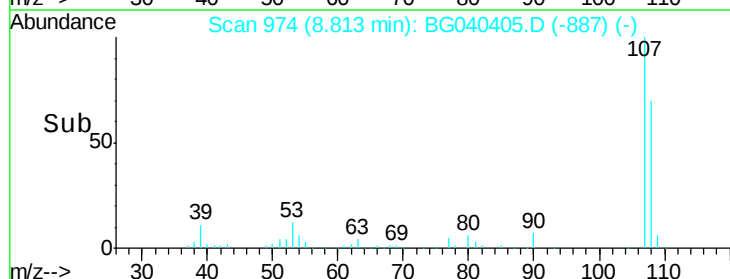
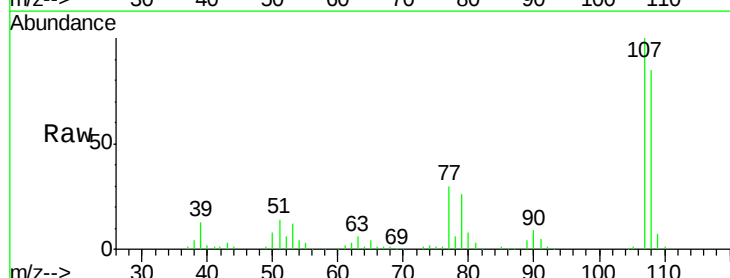
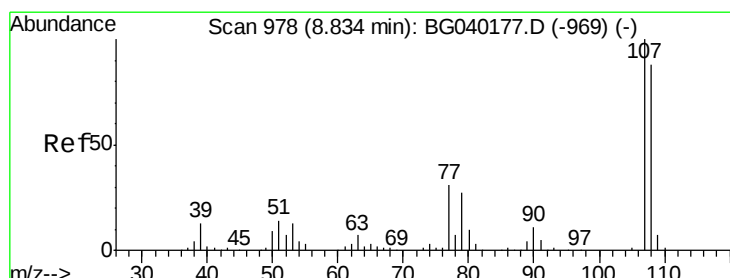
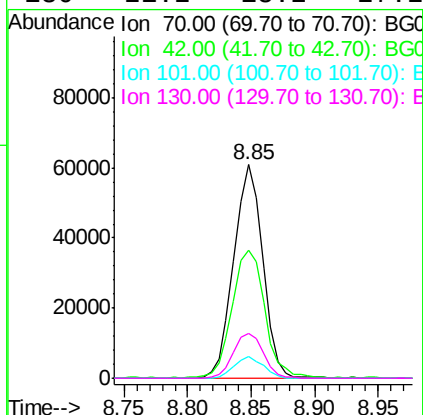




#19
n-Nitroso-di-n-propylamine
Concen: 34.109 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040405.D
Acq: 9 Apr 2019 19:06

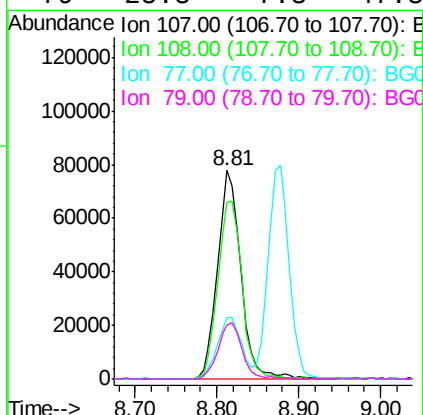
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	96705
Ion	Ratio	Lower	Upper
70	100		
42	60.0	54.0	81.0
101	10.1	8.6	13.0
130	21.2	18.2	27.2



#20
3+4-Methylphenols
Concen: 38.557 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040405.D
Acq: 9 Apr 2019 19:06

Tgt Ion:	107	Resp:	155136
Ion	Ratio	Lower	Upper
107	100		
108	85.1	68.3	108.3
77	29.5	11.3	51.3
79	25.8	7.3	47.3

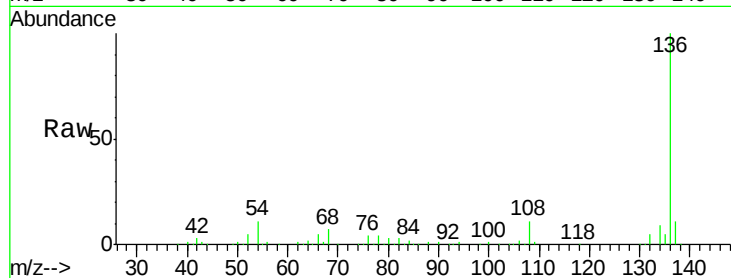




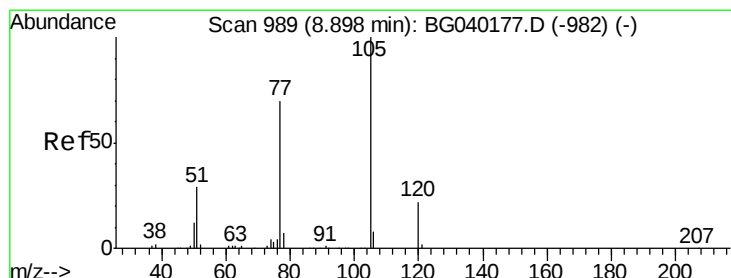
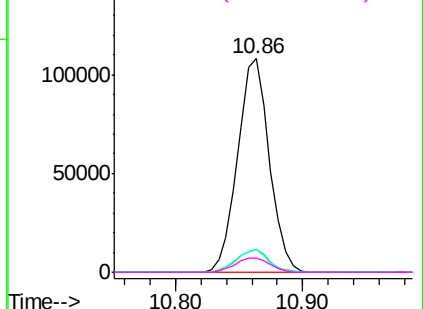
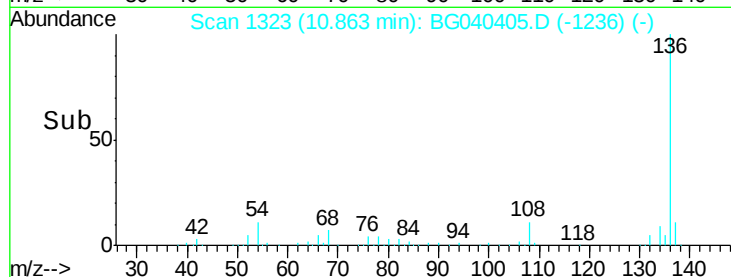
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040405.D
Acq: 9 Apr 2019 19:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	187033
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	11.0	9.6 14.4
68	6.6	5.1 7.7

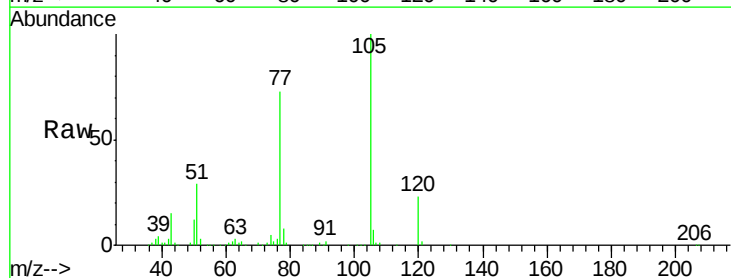


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

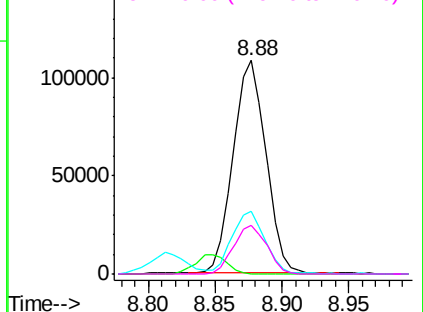
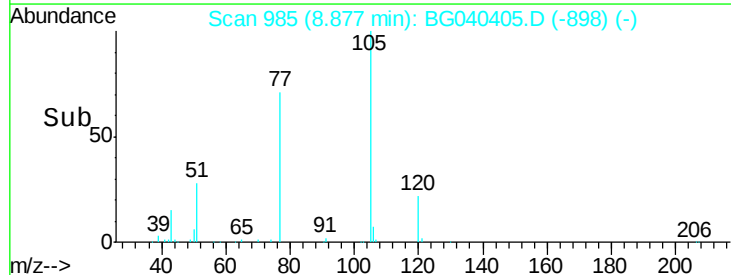


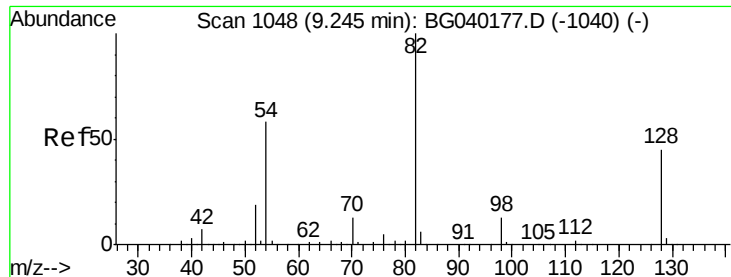
#22
Acetophenone
Concen: 39.630 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040405.D
Acq: 9 Apr 2019 19:06

Tgt Ion:105	Resp:	184892
Ion Ratio	Lower	Upper
105	100	
71	0.2	0.6 1.0#
51	29.3	25.1 37.7
120	22.5	17.6 26.4



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

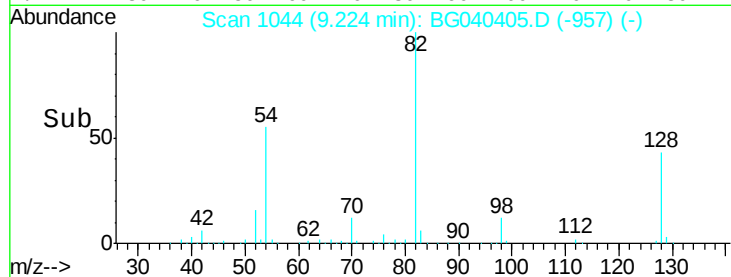
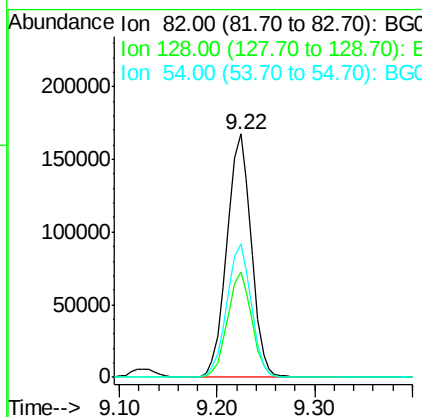
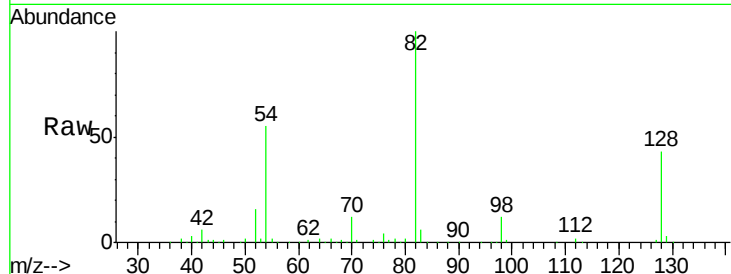




#23
 Nitrobenzene-d5
 Concen: 82.749 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

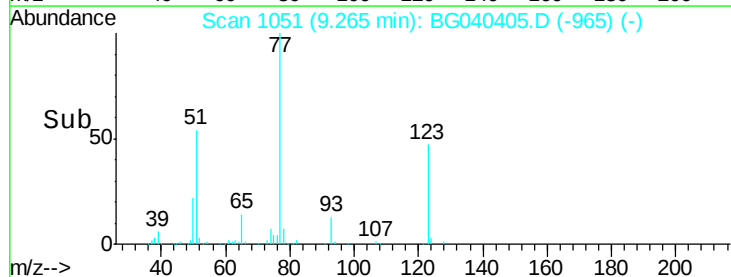
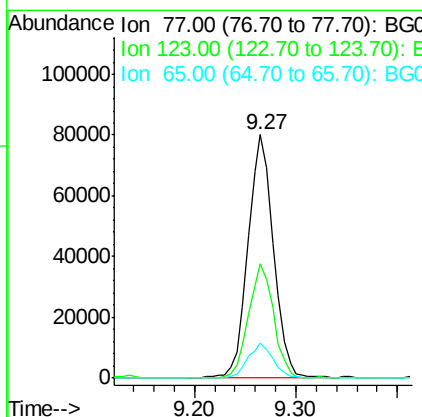
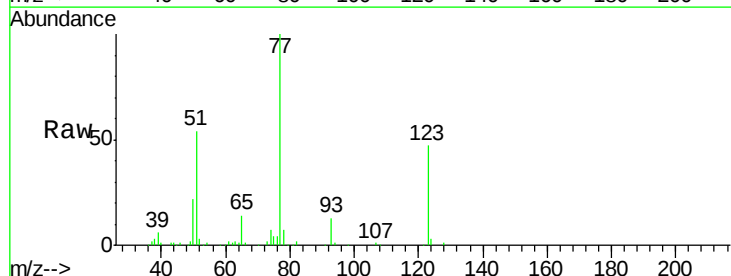
Instrument :
 BNA_G
 ClientSampleId :

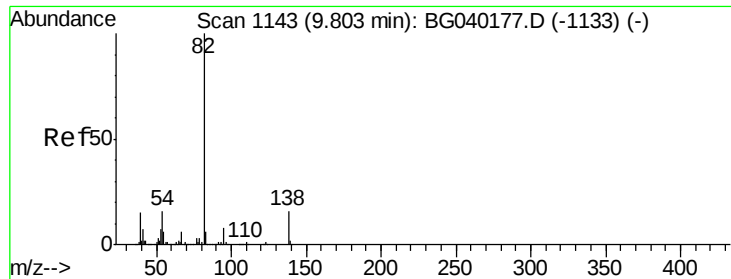
Tot Ion: 82 Resp: 291171
 Ion Ratio Lower Upper
 82 100
 128 43.4 35.8 53.8
 54 54.8 46.2 69.2



#24
 Nitrobenzene
 Concen: 38.334 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

Tgt Ion: 77 Resp: 139679
 Ion Ratio Lower Upper
 77 100
 123 47.0 37.8 56.6
 65 14.2 12.0 18.0





#25

Isophorone

Concen: 38.511 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

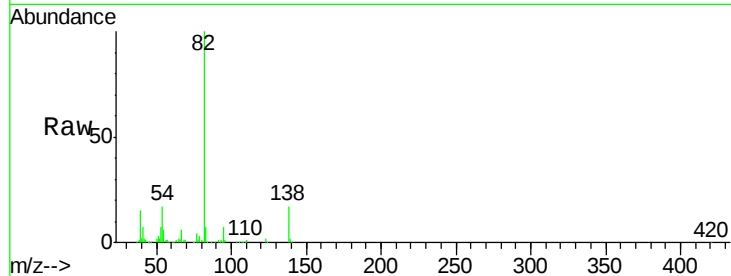
Tot Ion: 82 Resp: 278824

Ion Ratio Lower Upper

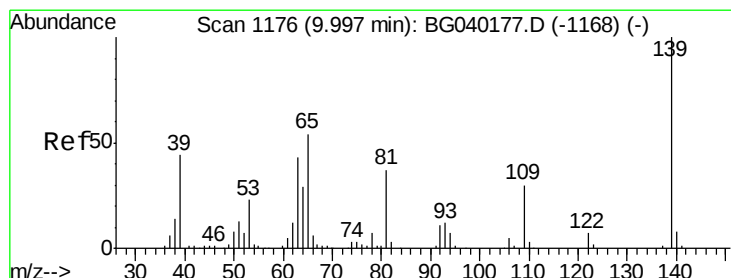
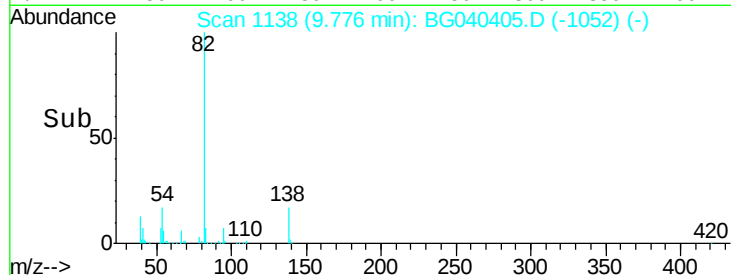
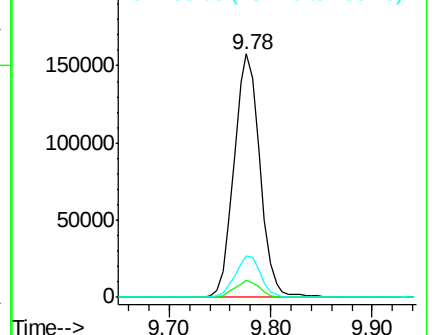
82 100

95 7.0 6.1 9.1

138 16.9 13.2 19.8



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



#26

2-Nitrophenol

Concen: 38.343 ng

RT: 9.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

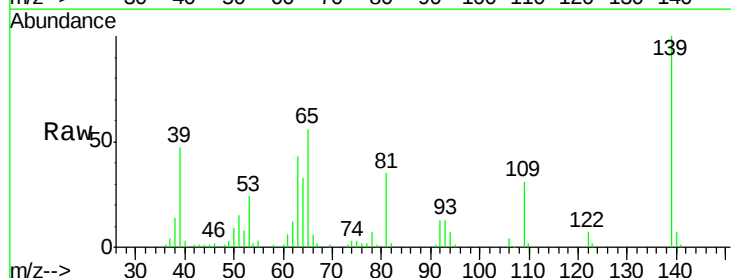
Tgt Ion: 139 Resp: 66201

Ion Ratio Lower Upper

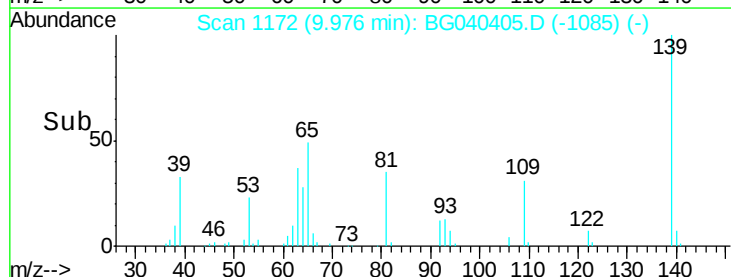
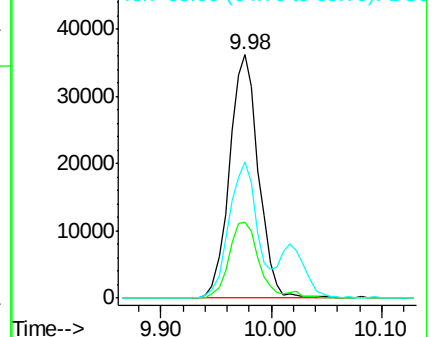
139 100

109 31.2 24.1 36.1

65 56.0 43.0 64.6



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

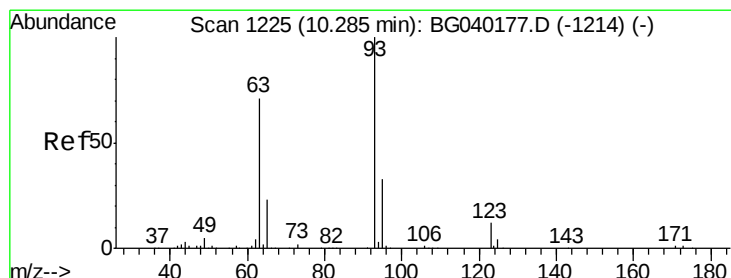
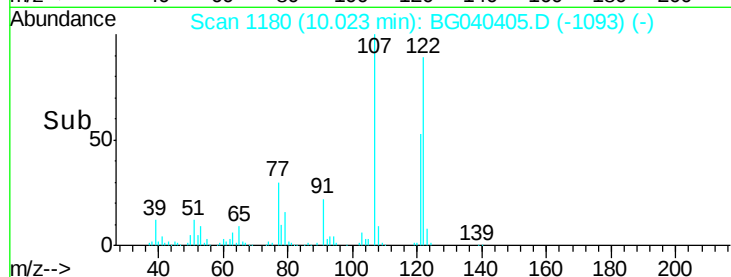
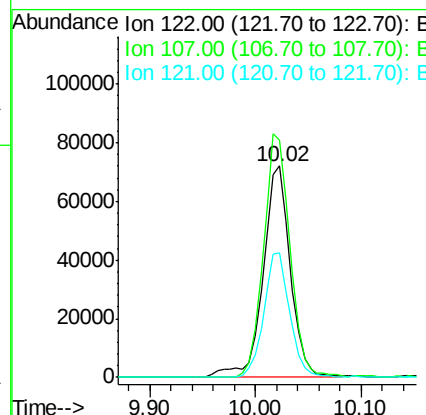
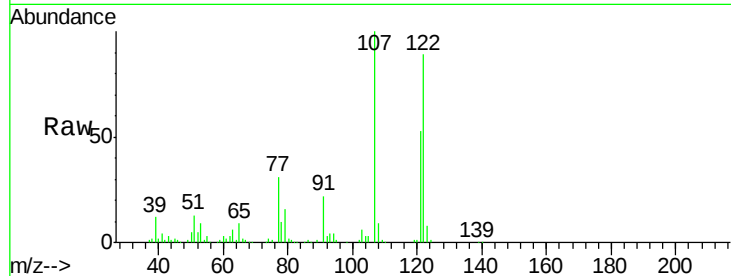




#27
 2,4-Dimethylphenol
 Concen: 47.192 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

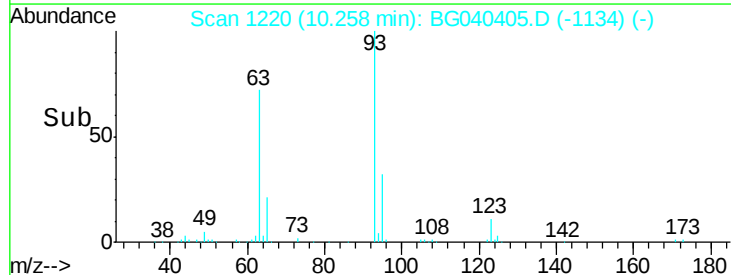
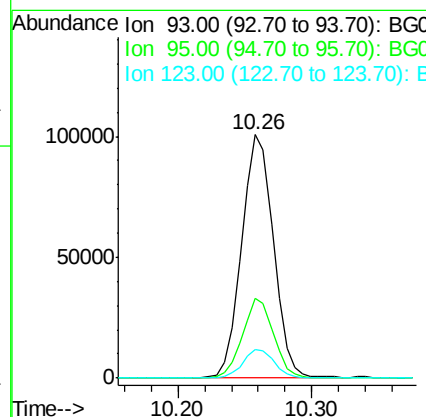
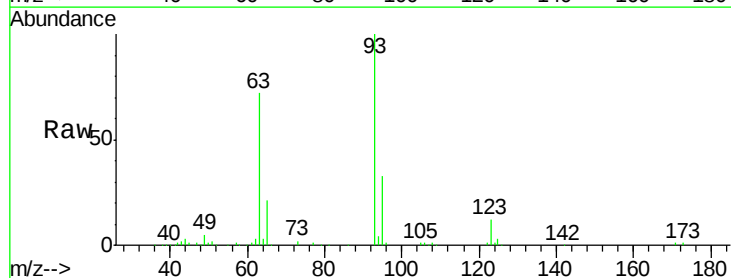
Instrument :
 BNA_G
 ClientSampled :

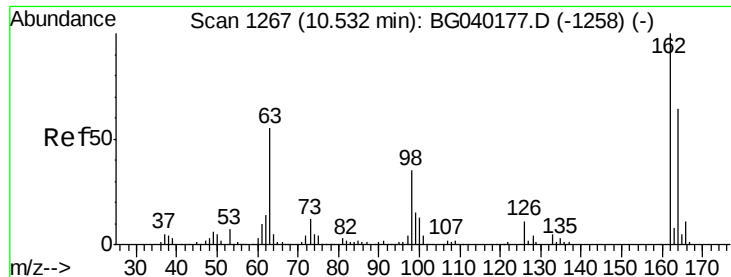
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.1	97.4	146.2
121	59.2	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.777 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	11.7	9.4	14.0

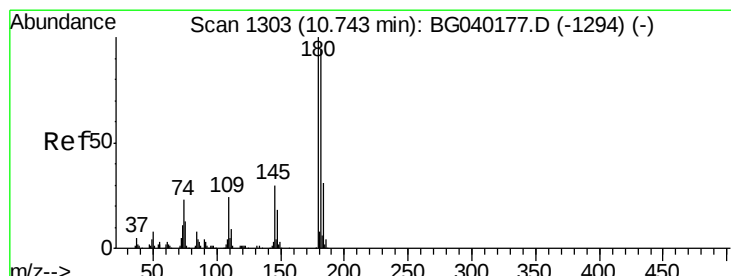
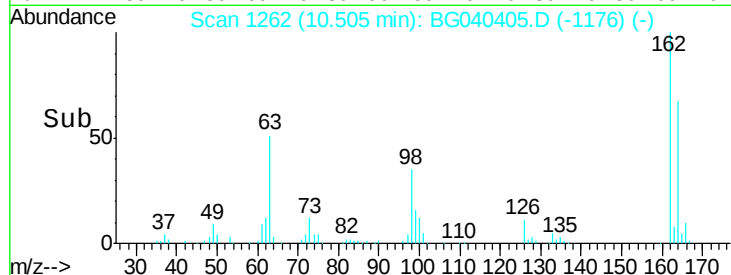
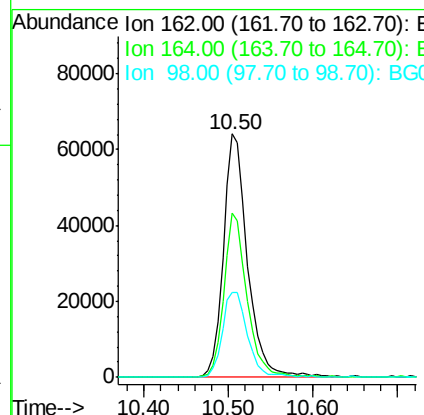
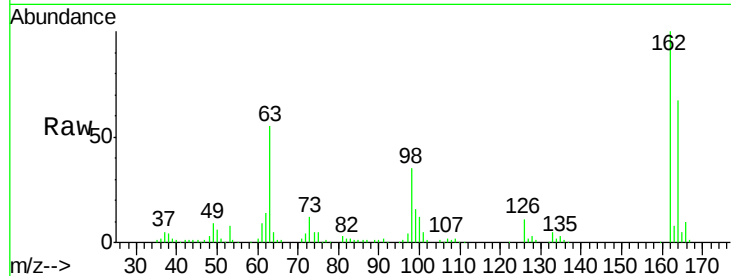




#29
 2,4-Dichlorophenol
 Concen: 42.605 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

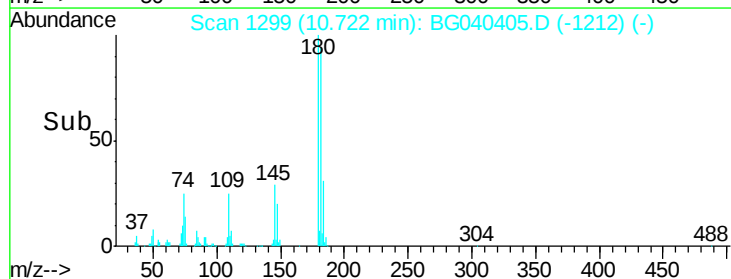
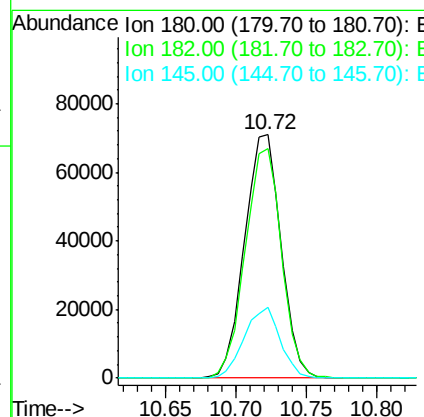
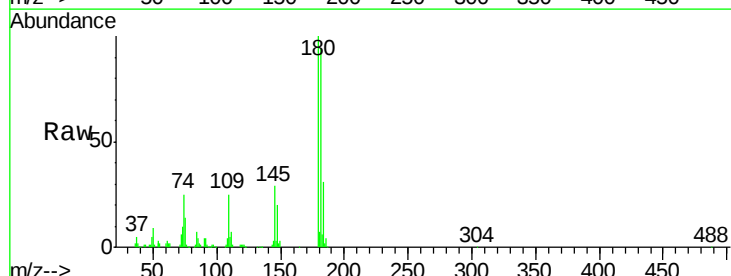
Instrument :
 BNA_G
 ClientSampleId :

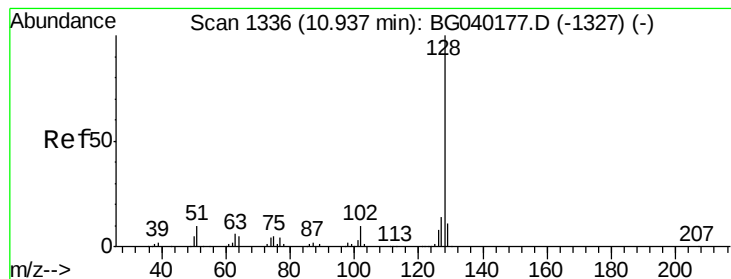
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.4	43.9	83.9
98	34.7	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 39.251 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.1	112.7
145	29.1	24.1	36.1

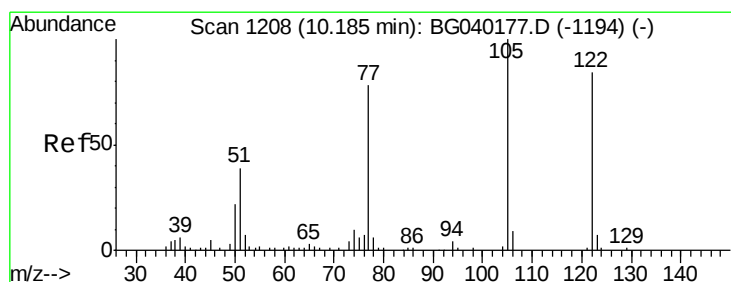
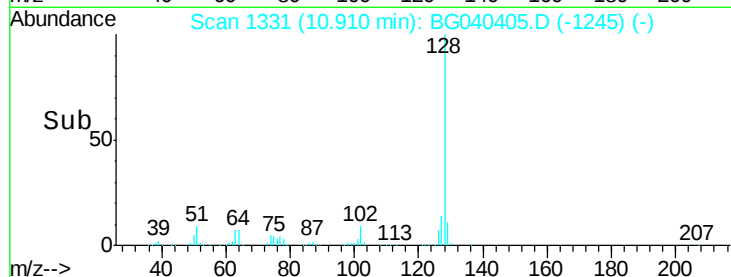
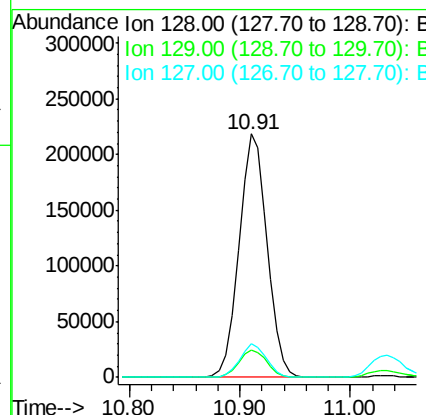
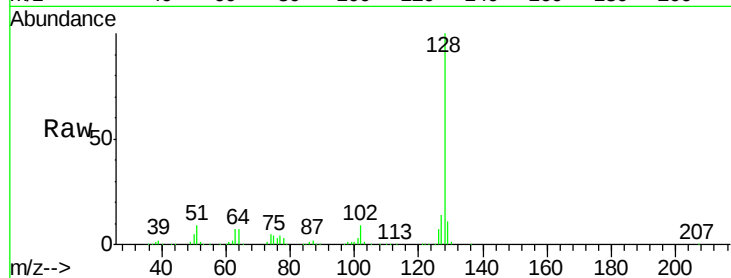




#31
Naphthalene
Concen: 40.504 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040405.D
Acq: 9 Apr 2019 19:06

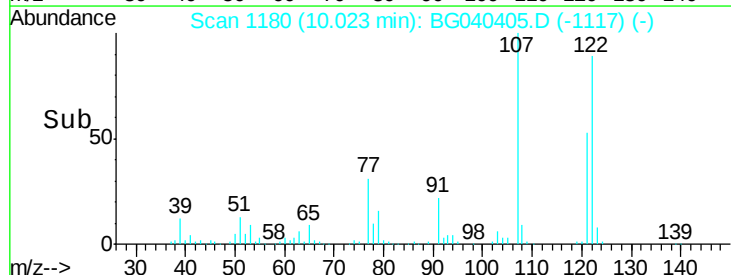
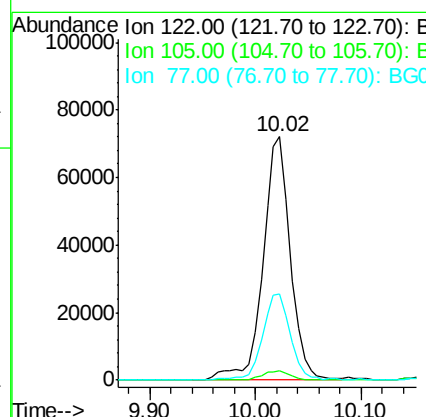
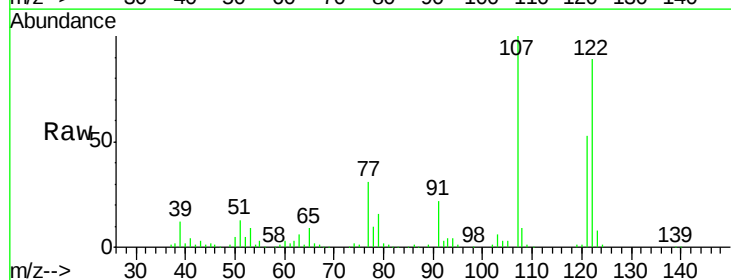
Instrument :
BNA_G
ClientSampled :

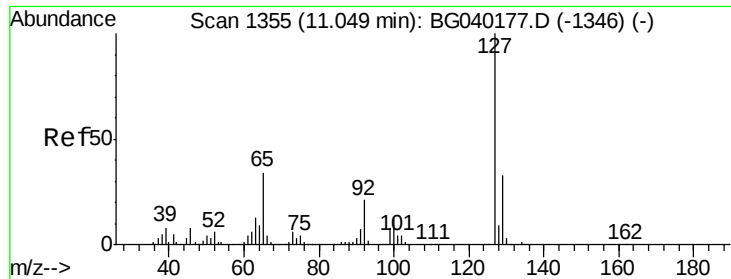
Tot Ion:128 Resp: 388303
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 14.0 11.4 17.0



#32
Benzoic acid
Concen: 78.108 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.16 min
Lab File: BG040405.D
Acq: 9 Apr 2019 19:06

Tgt Ion:122 Resp: 129425
Ion Ratio Lower Upper
122 100
105 3.9 98.2 138.2#
77 35.2 73.6 113.6#

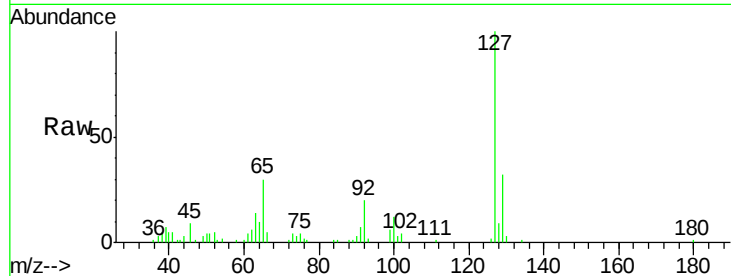




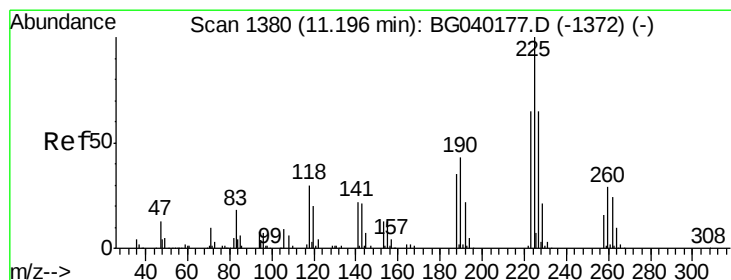
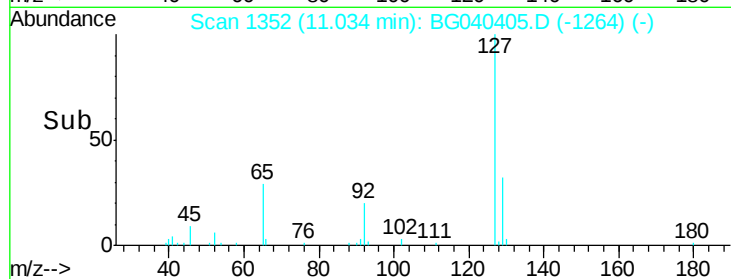
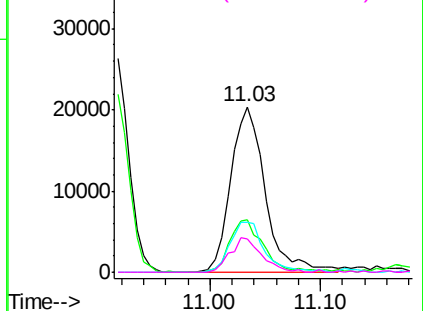
#33
4-Chloroaniline
Concen: 10.955 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG040405.D
Acq: 9 Apr 2019 19:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	44800
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.6	40.0
65	30.4	27.0	40.4
92	20.4	16.6	25.0

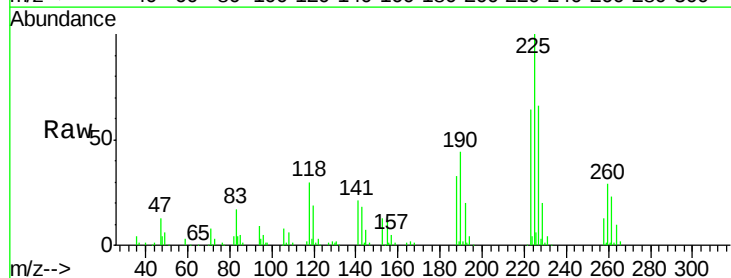


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

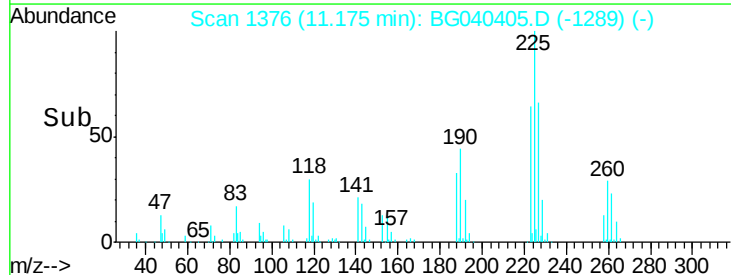
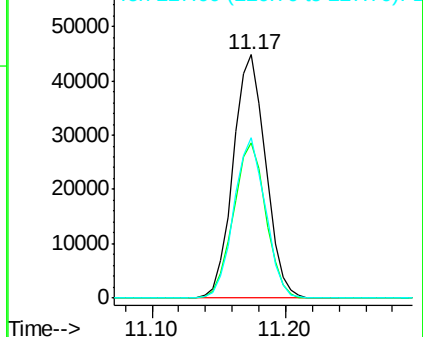


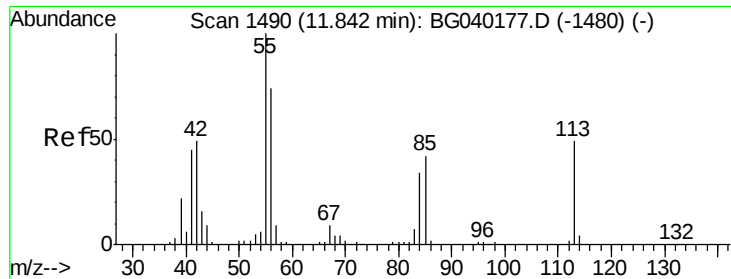
#34
Hexachlorobutadiene
Concen: 36.246 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040405.D
Acq: 9 Apr 2019 19:06

Tgt Ion:	225	Resp:	75770
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.8	77.8
227	66.1	54.9	82.3



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

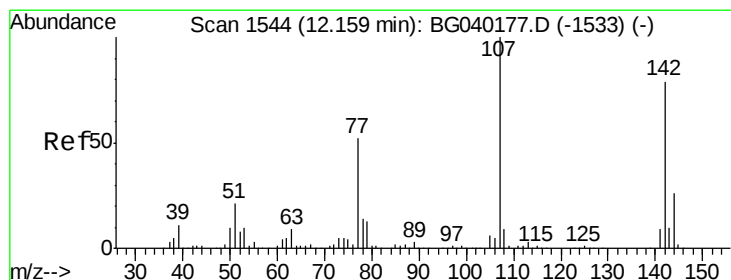
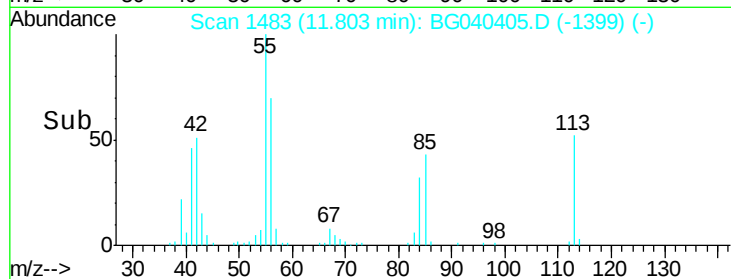
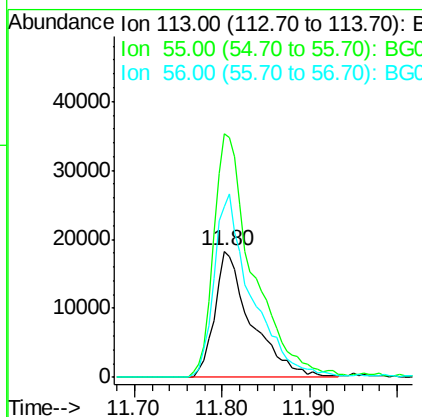
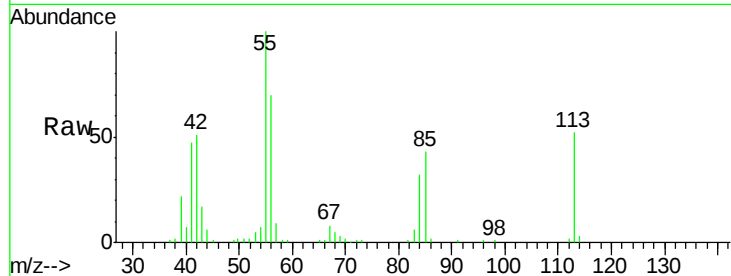




#35
 Caprolactam
 Concen: 44.704 ng
 RT: 11.80 min Scan# 1483
 Delta R.T. -0.04 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

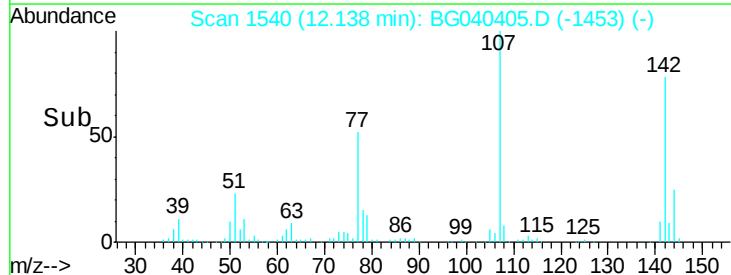
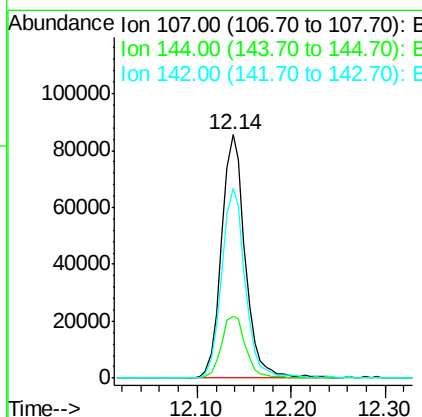
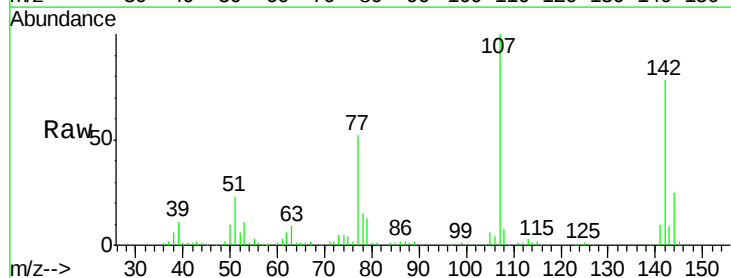
Instrument :
 BNA_G
 ClientSampleId :

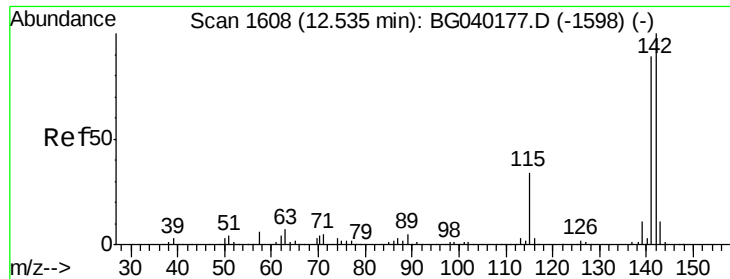
Tot Ion:113 Resp: 52810
 Ion Ratio Lower Upper
 113 100
 55 192.5 184.2 224.2
 56 135.0 131.3 171.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.943 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

Tgt Ion:107 Resp: 150381
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.5 30.7
 142 78.1 63.1 94.7

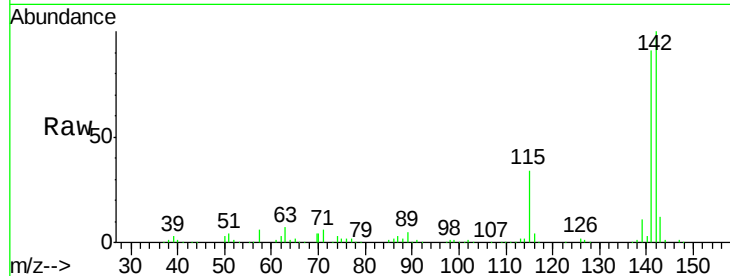




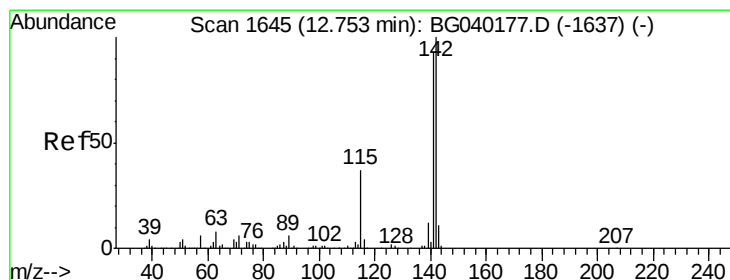
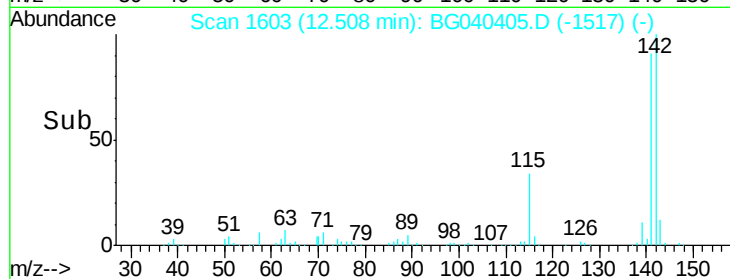
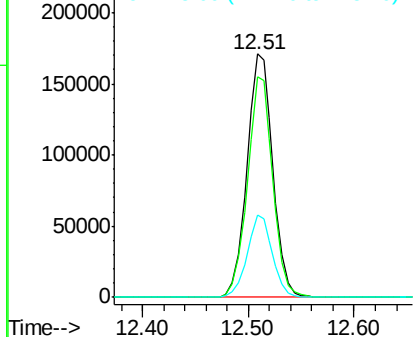
#37
2-Methylnaphthalene
Concen: 40.918 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.03 min
Lab File: BG040405.D
Acq: 9 Apr 2019 19:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.0	106.6
115	33.8	27.3	40.9

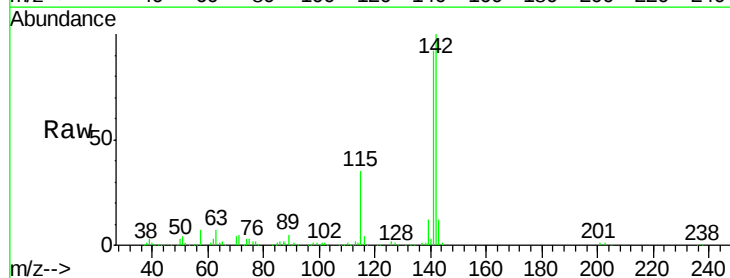


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

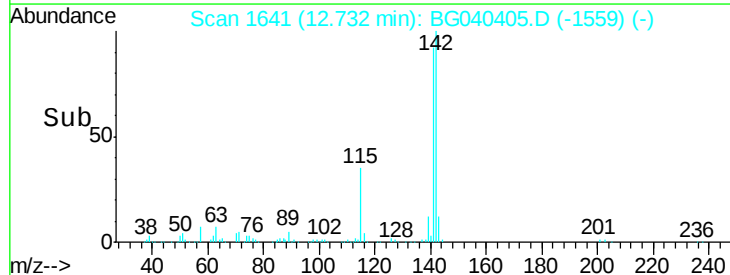
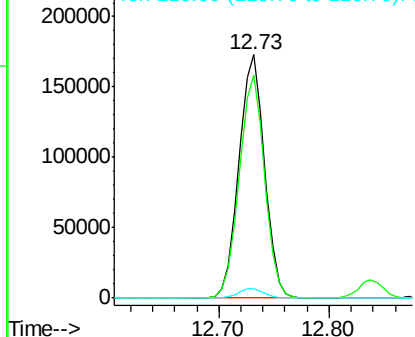


#38
1-Methylnaphthalene
Concen: 41.056 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG040405.D
Acq: 9 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.2	111.4
116	3.7	3.0	4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

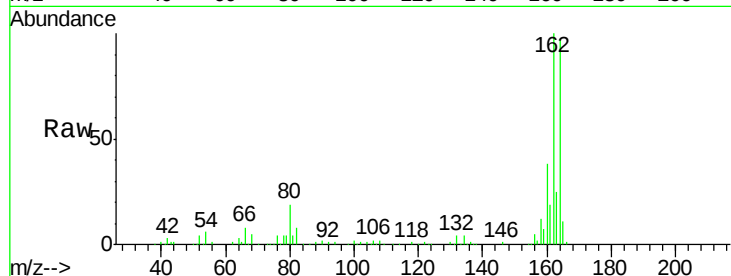
Tot Ion:164 Resp: 126774

Ion Ratio Lower Upper

164 100

162 102.8 77.4 116.2

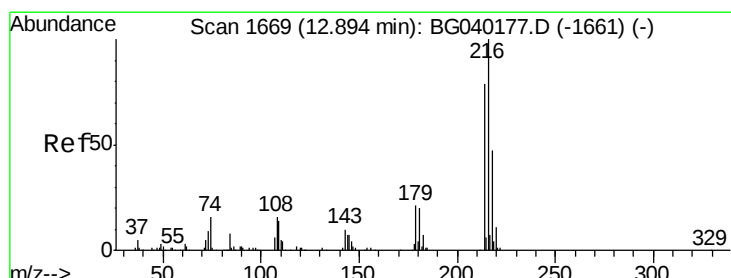
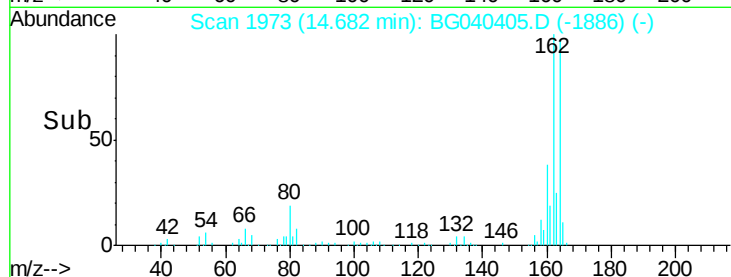
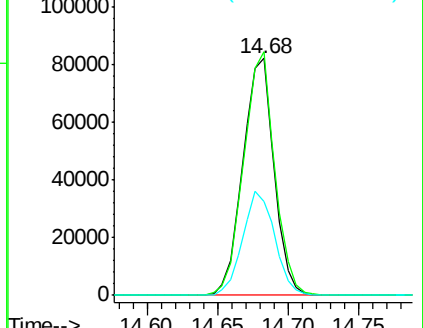
160 39.4 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.291 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

Tgt Ion:216 Resp: 150258

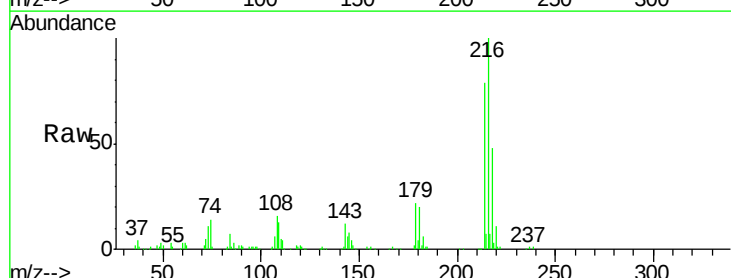
Ion Ratio Lower Upper

216 100

214 76.5 63.5 95.3

179 20.8 16.6 25.0

108 18.9 13.8 20.8

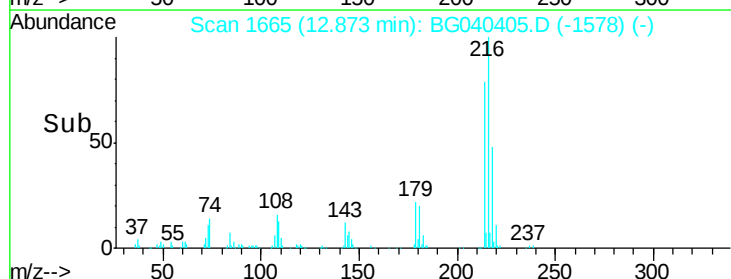
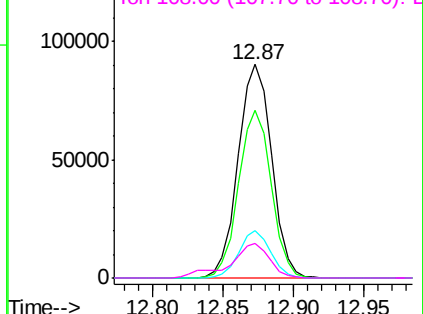


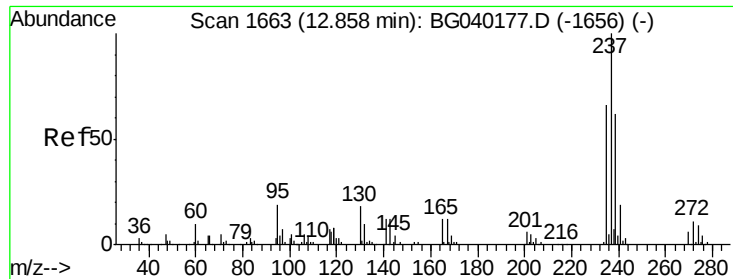
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 76.994 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

Instrument :

BNA_G

ClientSampled :

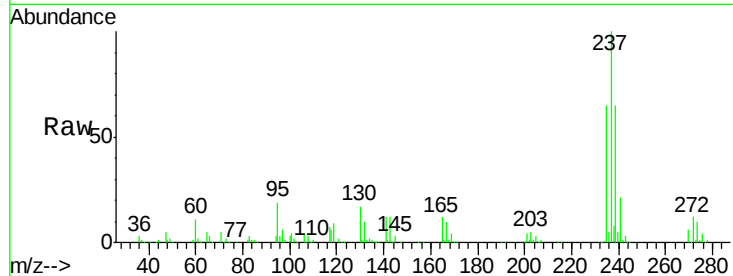
Tot Ion:237 Resp: 170340

Ion Ratio Lower Upper

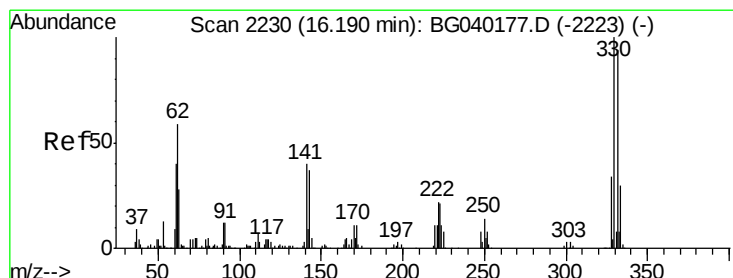
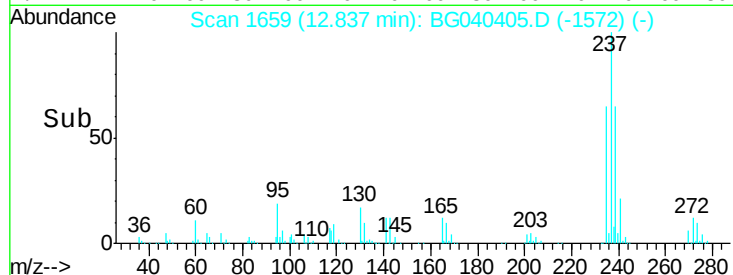
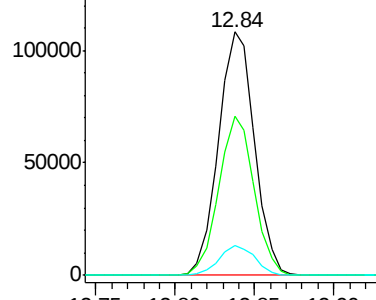
237 100

235 65.2 46.2 86.2

272 12.3 0.0 30.5



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



#42

2,4,6-Tribromophenol

Concen: 98.682 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

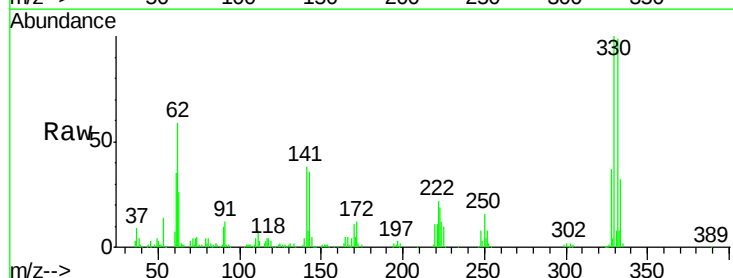
Tgt Ion:330 Resp: 135204

Ion Ratio Lower Upper

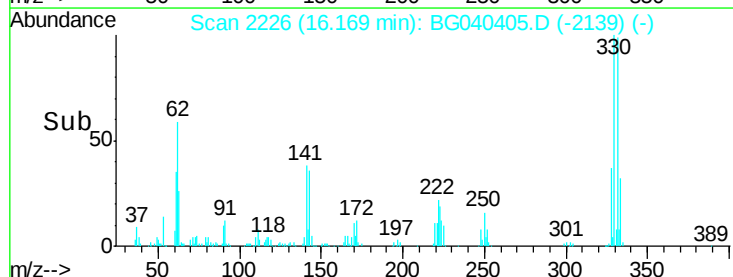
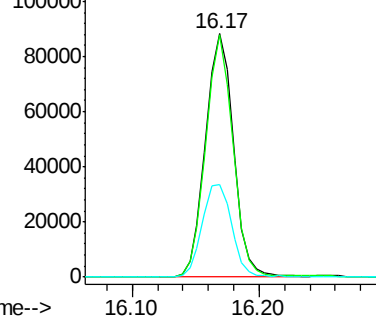
330 100

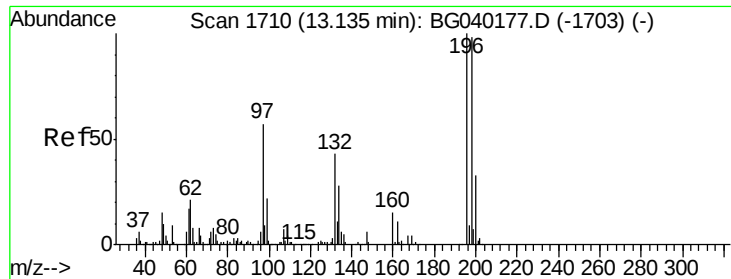
332 97.3 76.6 115.0

141 39.9 32.6 48.8



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

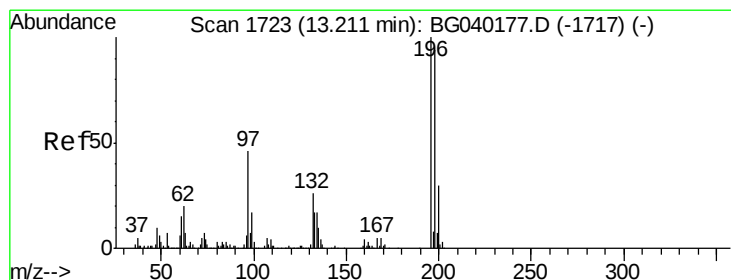
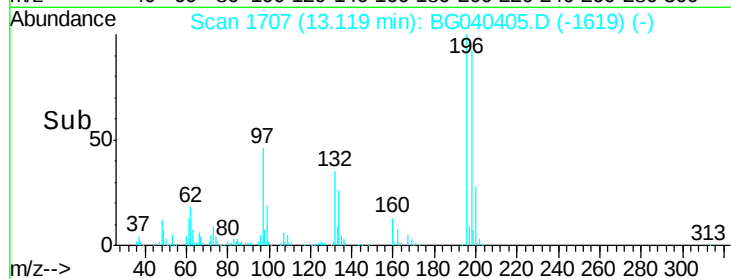
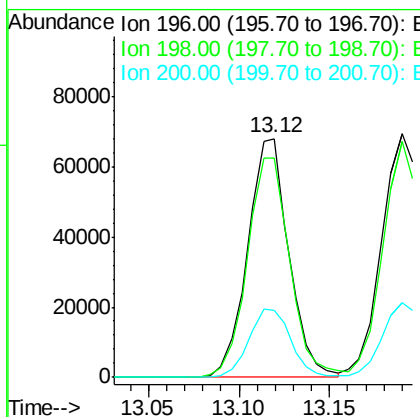
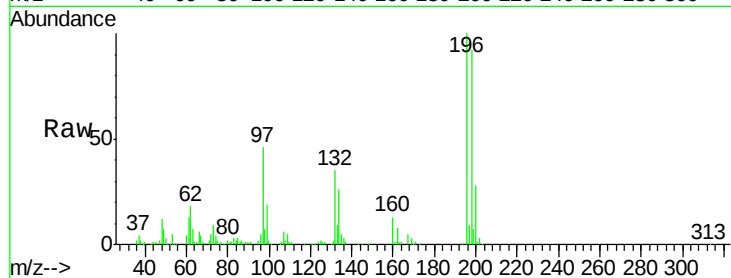




#43
 2,4,6-Trichlorophenol
 Concen: 41.343 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

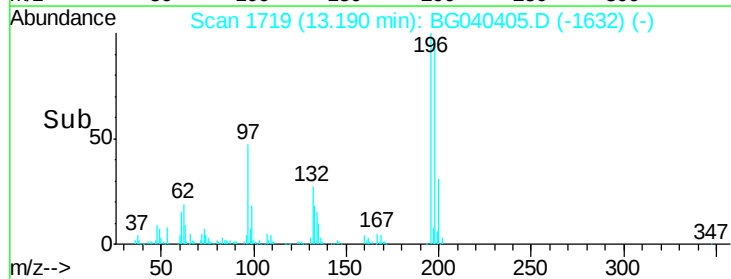
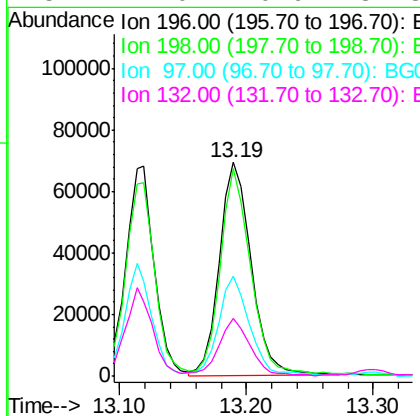
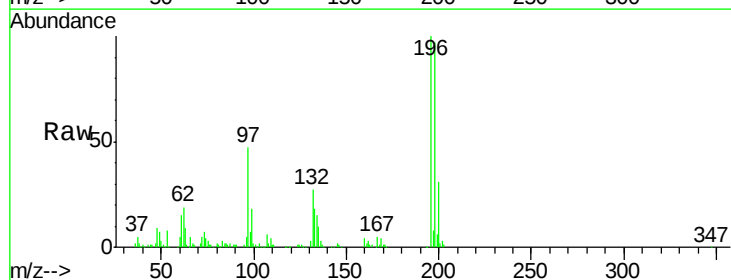
Instrument :
 BNA_G
 ClientSampled :

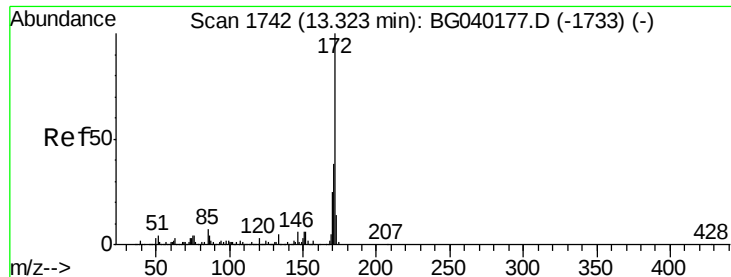
Tot Ion:196 Resp: 107401
 Ion Ratio Lower Upper
 196 100
 198 92.0 78.3 117.5
 200 28.2 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.268 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

Tgt Ion:196 Resp: 119686
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.0 112.6
 97 46.6 37.3 55.9
 132 27.0 20.9 31.3

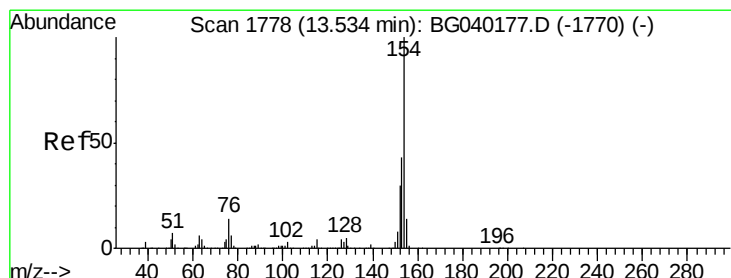
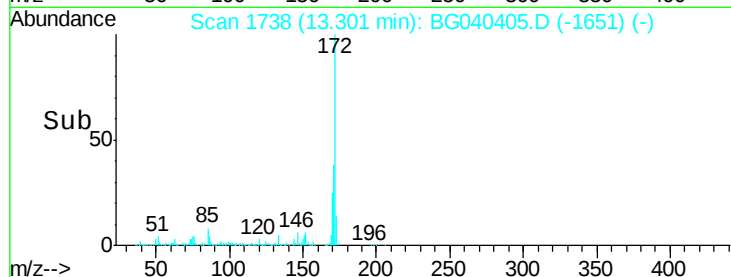
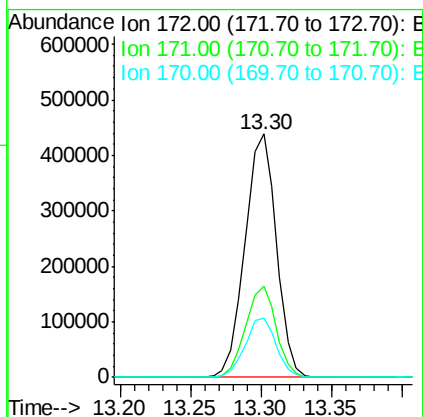
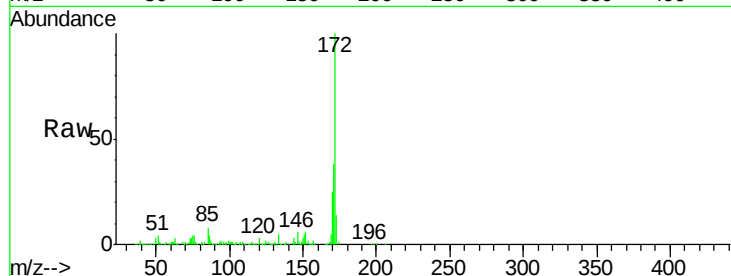




#45
2-Fluorobiphenyl
Concen: 79.873 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040405.D
Acq: 9 Apr 2019 19:06

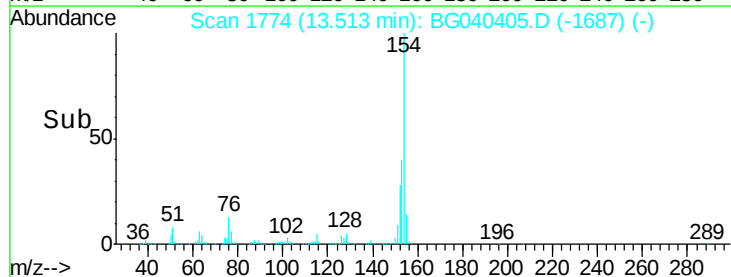
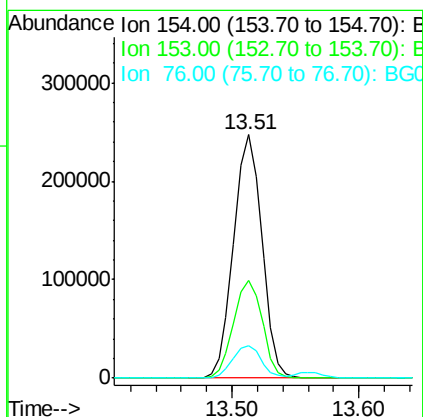
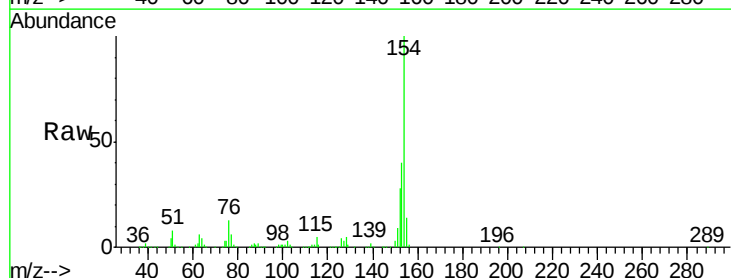
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 683361
Ion Ratio Lower Upper
172 100
171 37.7 30.5 45.7
170 24.6 20.1 30.1



#46
1,1'-Biphenyl
Concen: 38.230 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040405.D
Acq: 9 Apr 2019 19:06

Tgt Ion:154 Resp: 382946
Ion Ratio Lower Upper
154 100
153 40.2 22.5 62.5
76 13.4 0.0 33.7

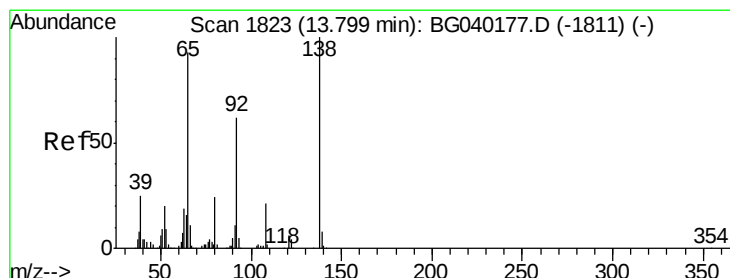
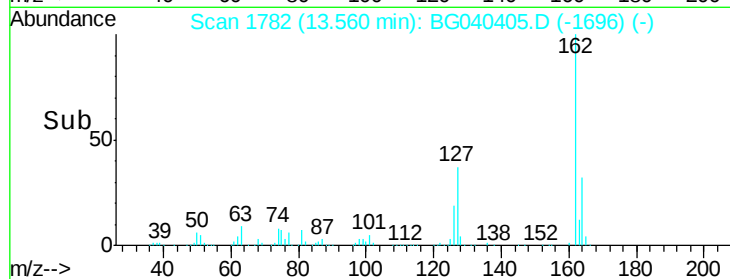
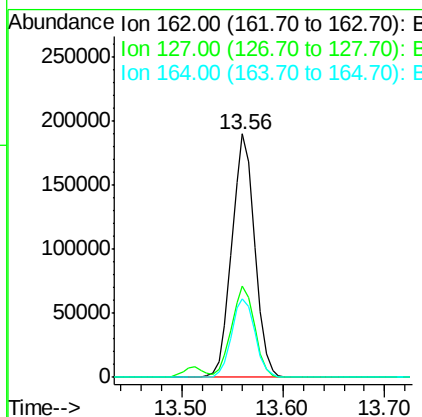
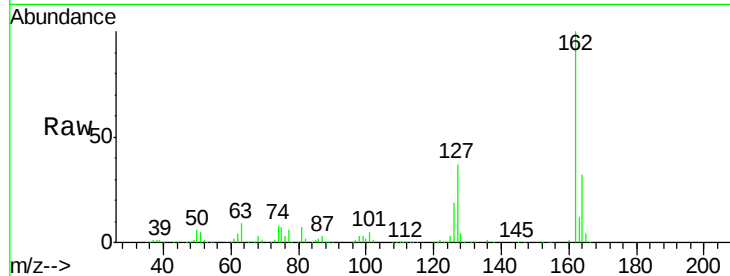




#47
 2-Chloronaphthalene
 Concen: 38.661 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

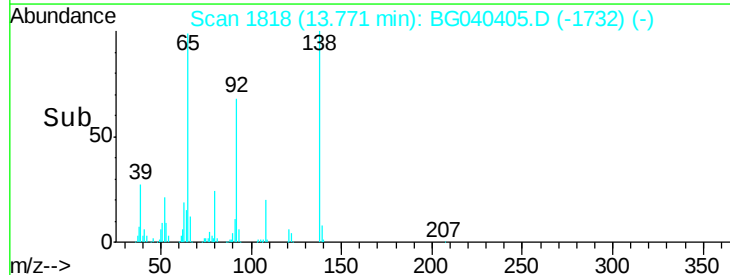
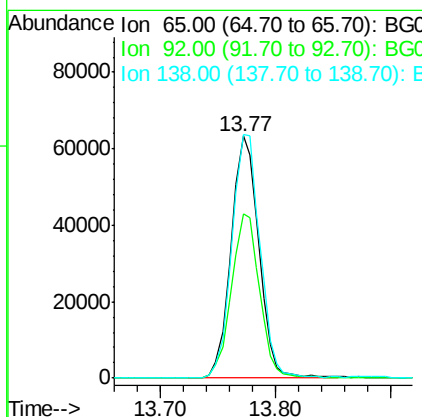
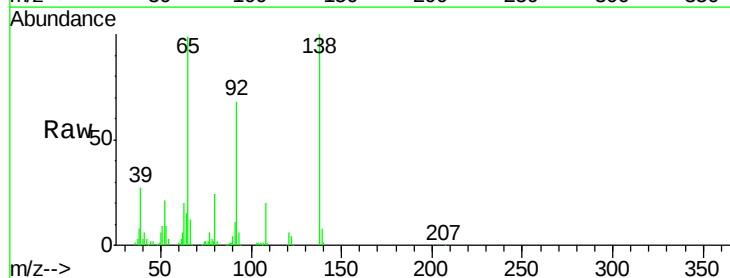
Instrument :
 BNA_G
 ClientSampled :

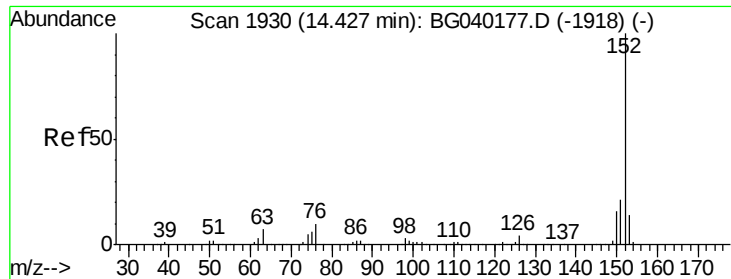
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.6	45.8
164	32.4	26.2	39.4



#48
 2-Nitroaniline
 Concen: 40.699 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.03 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.9	53.8	80.6
138	100.6	86.3	129.5





#49

Acenaphthylene

Concen: 38.971 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

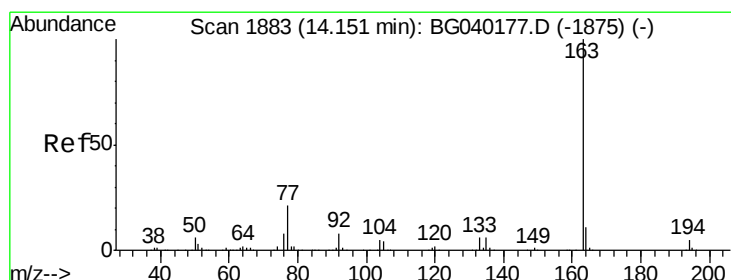
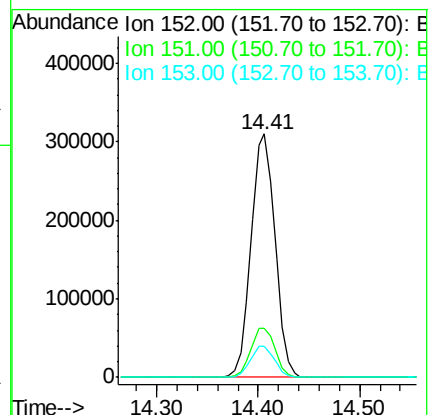
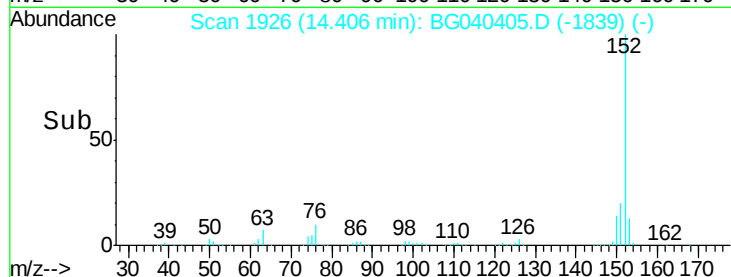
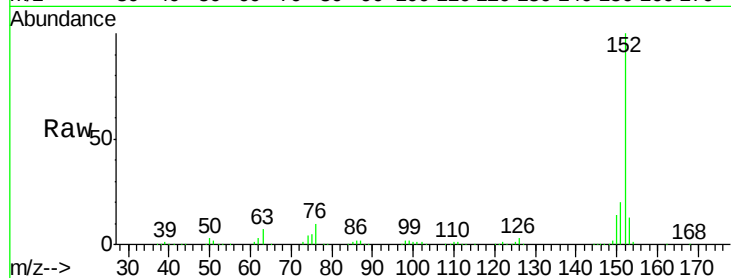
Tot Ion:152 Resp: 507682

Ion Ratio Lower Upper

152 100

151 20.4 17.0 25.6

153 12.8 10.8 16.2



#50

Dimethylphthalate

Concen: 40.979 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

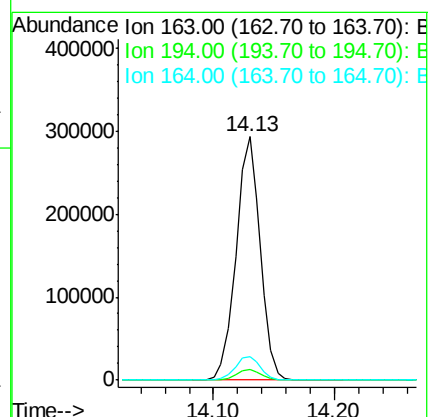
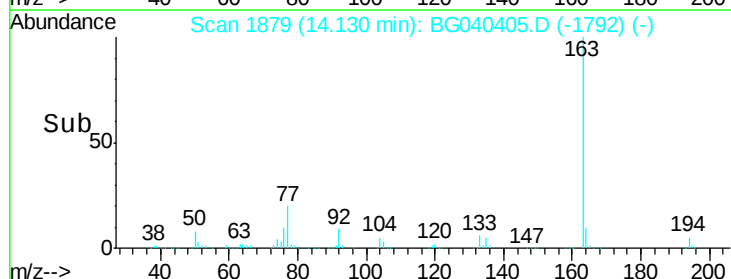
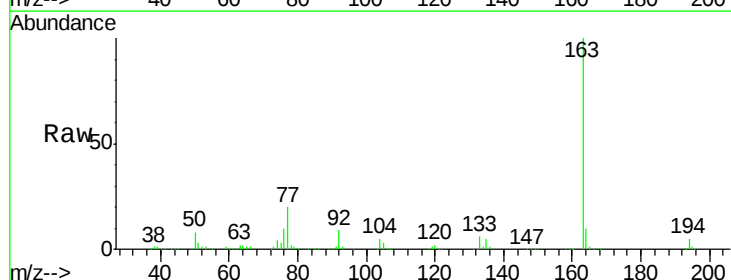
Tgt Ion:163 Resp: 406589

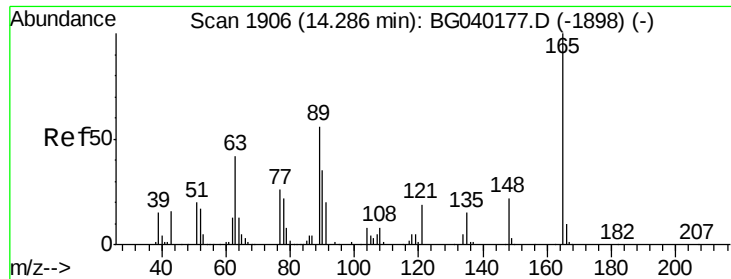
Ion Ratio Lower Upper

163 100

194 4.6 4.1 6.1

164 9.8 8.6 13.0

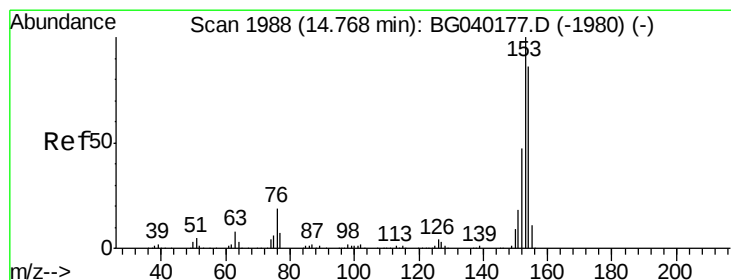
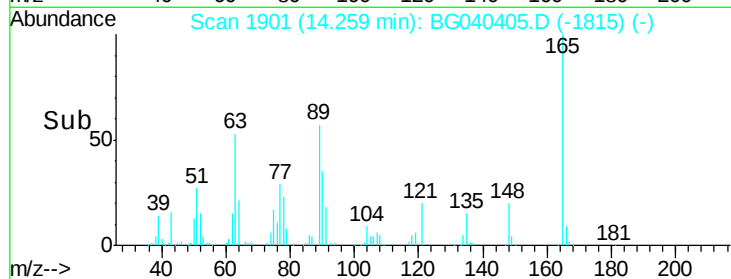
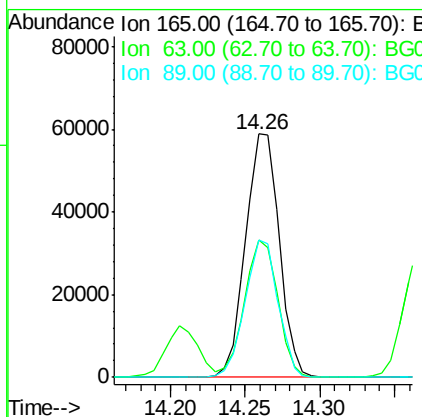
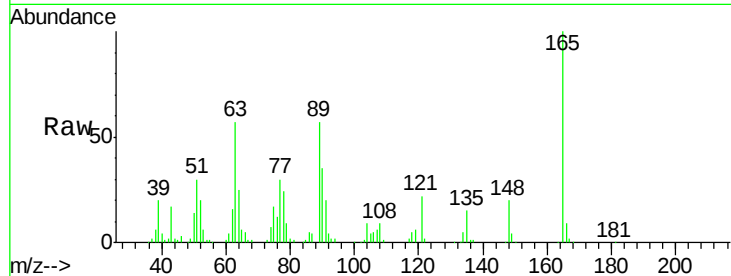




#51
 2,6-Dinitrotoluene
 Concen: 41.266 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.03 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

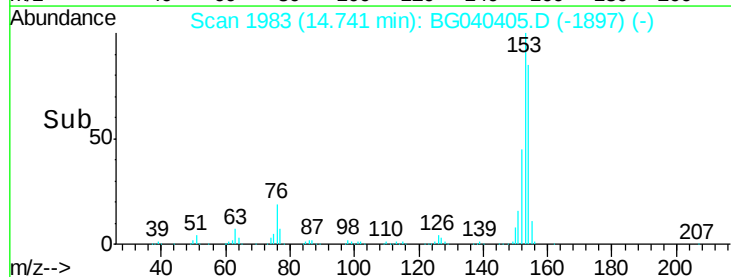
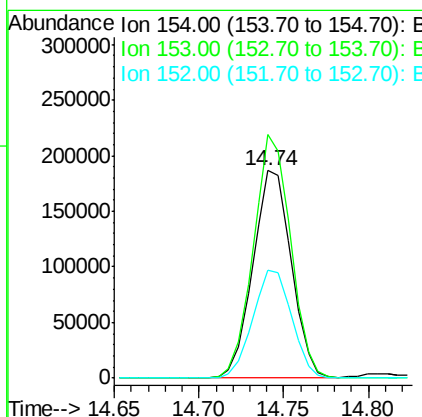
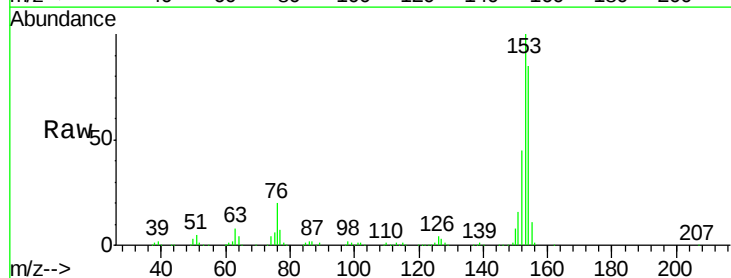
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 91934
 Ion Ratio Lower Upper
 165 100
 63 56.5 44.1 66.1
 89 56.6 44.9 67.3



#52
 Acenaphthene
 Concen: 39.371 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.03 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

Tgt Ion:154 Resp: 293893
 Ion Ratio Lower Upper
 154 100
 153 117.3 92.8 139.2
 152 52.2 43.4 65.2





#53

3-Nitroaniline

Concen: 19.287 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

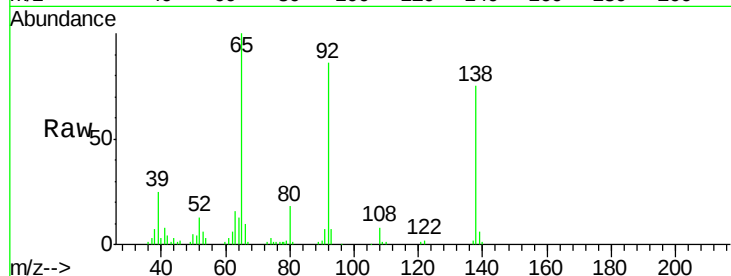
Tot Ion:138 Resp: 45483

Ion Ratio Lower Upper

138 100

108 10.4 7.8 11.8

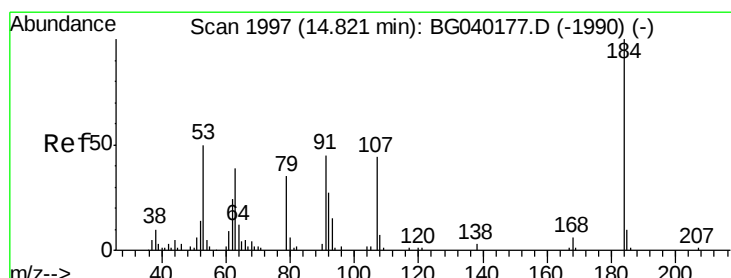
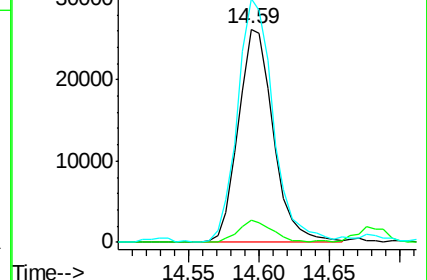
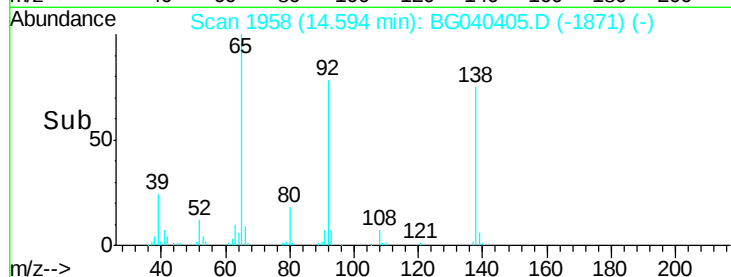
92 114.1 87.5 131.3



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): B



#54

2,4-Dinitrophenol

Concen: 12.167 ng

RT: 14.81 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

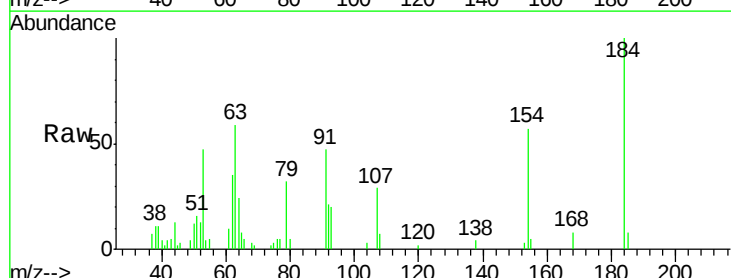
Tgt Ion:184 Resp: 14415

Ion Ratio Lower Upper

184 100

63 58.5 51.8 77.8

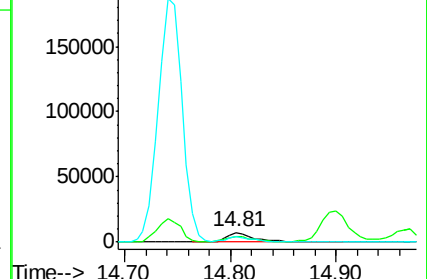
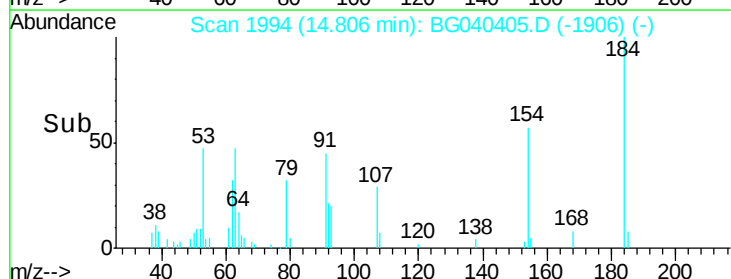
154 57.0 50.9 76.3

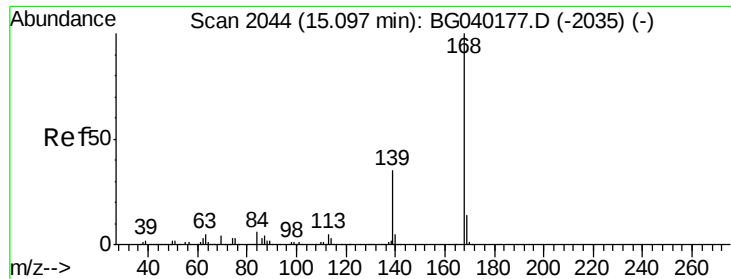


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 41.029 ng

RT: 15.08 min Scan# 2040

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

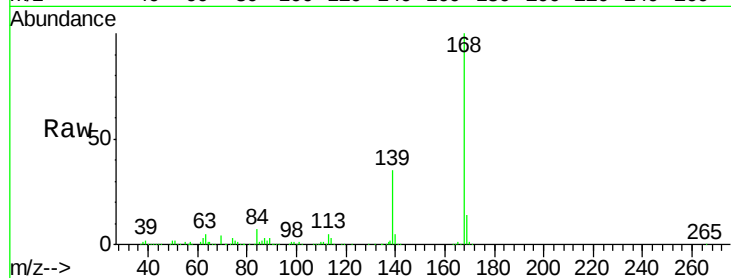
Tot Ion:168 Resp: 492141

Ion Ratio Lower Upper

168 100

139 35.4 27.9 41.9

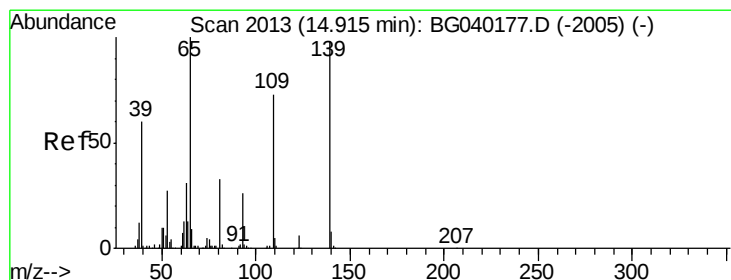
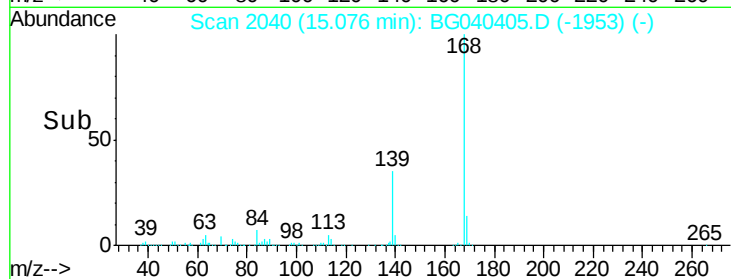
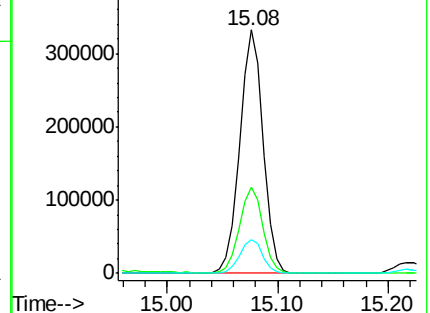
169 13.6 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 83.545 ng

RT: 14.90 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

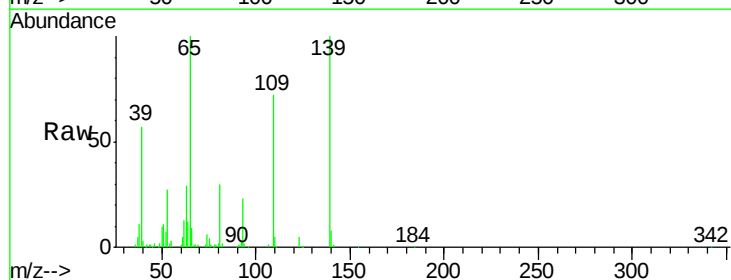
Tgt Ion:139 Resp: 159009

Ion Ratio Lower Upper

139 100

109 72.1 54.3 94.3

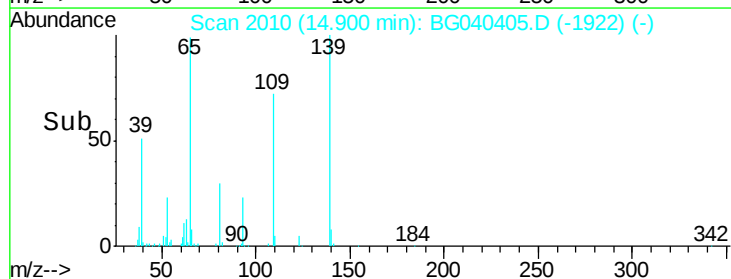
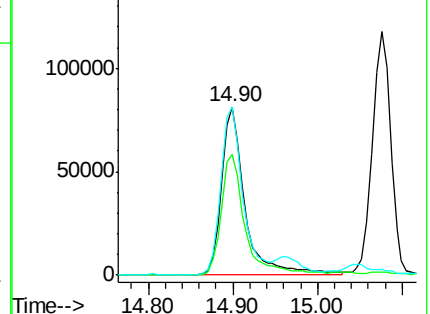
65 99.8 82.5 122.5

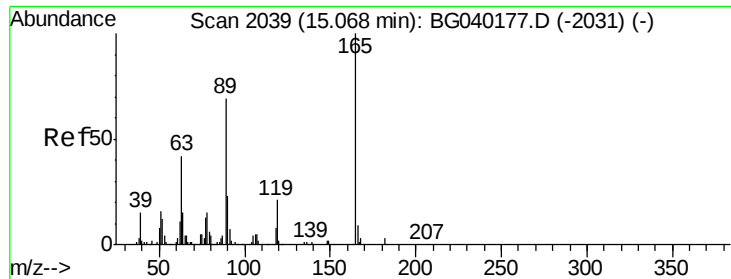


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#57

2,4-Dinitrotoluene

Concen: 45.220 ng

RT: 15.05 min Scan# 2035

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 139981

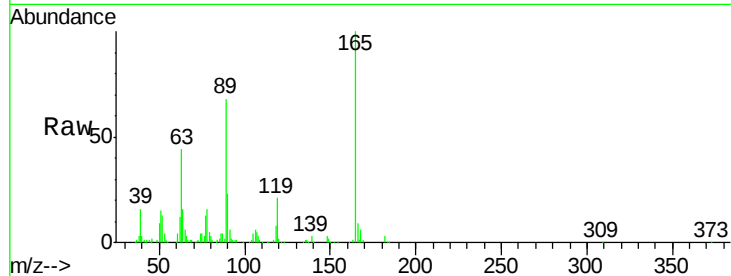
Ion Ratio Lower Upper

165 100

63 43.6 33.8 50.6

89 68.0 55.4 83.2

182 2.7 2.2 3.4

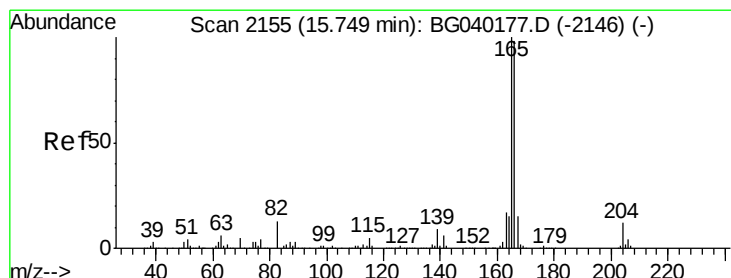
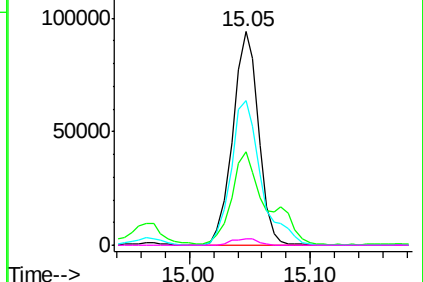
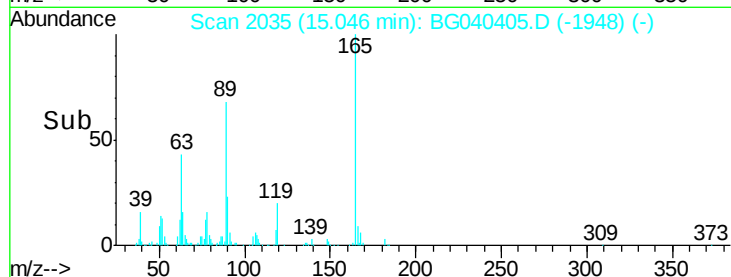


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.711 ng

RT: 15.72 min Scan# 2150

Delta R.T. -0.03 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

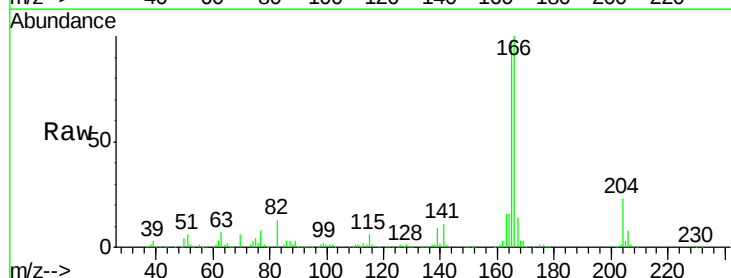
Tgt Ion:166 Resp: 393356

Ion Ratio Lower Upper

166 100

165 98.4 81.7 122.5

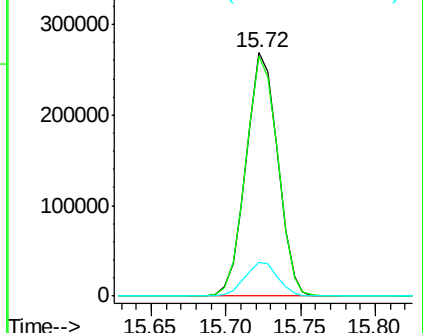
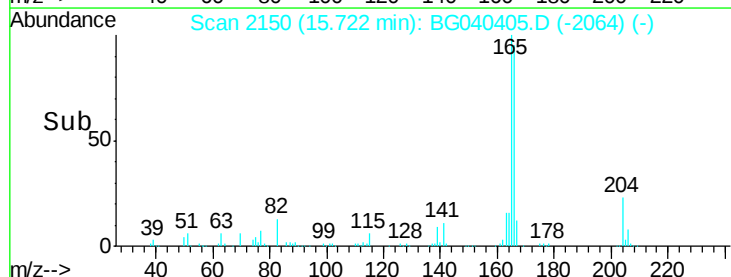
167 13.8 11.9 17.9

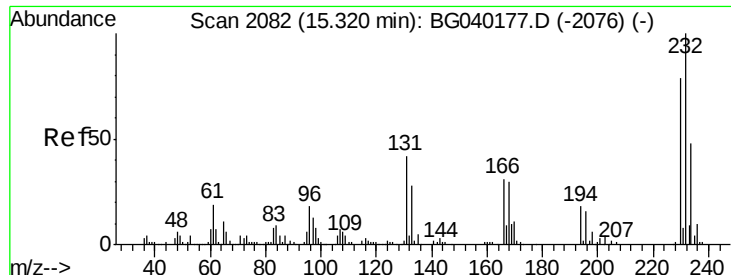


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

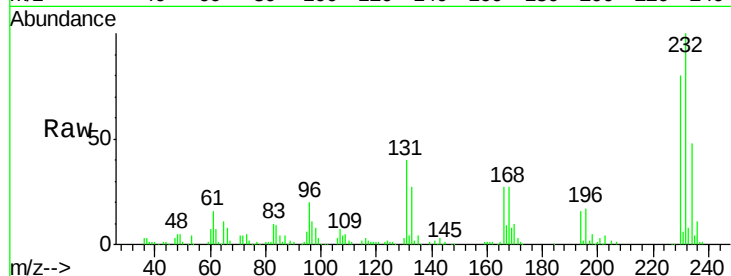




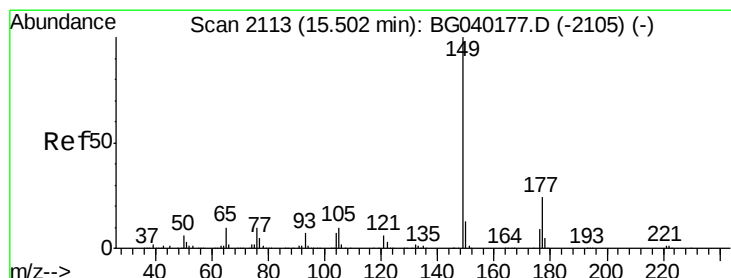
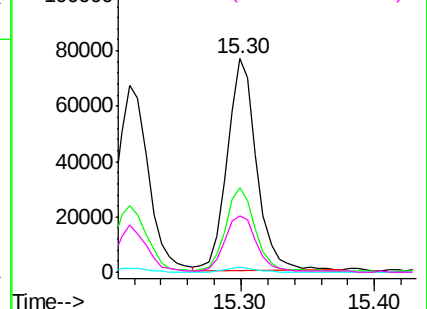
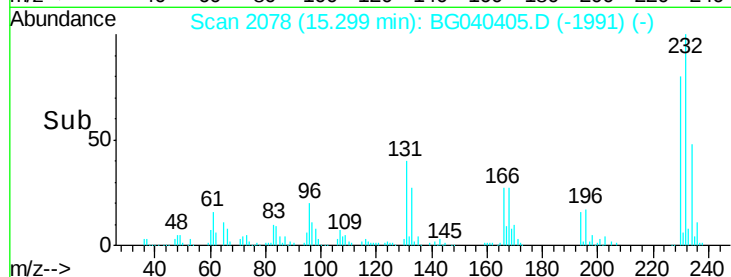
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.326 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	119034
Ion	Ratio	Lower	Upper
232	100		
131	41.0	32.9	49.3
130	2.3	1.8	2.8
166	28.4	23.5	35.3

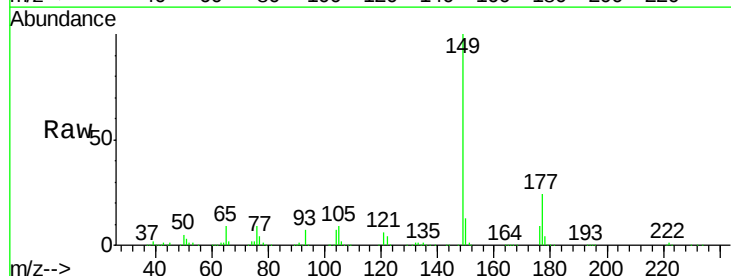


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

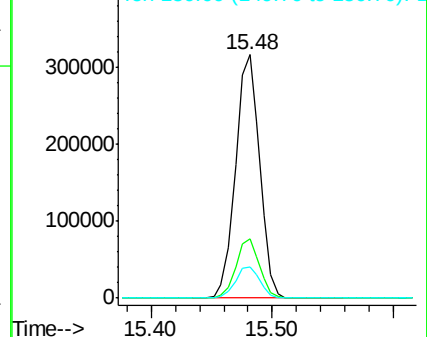
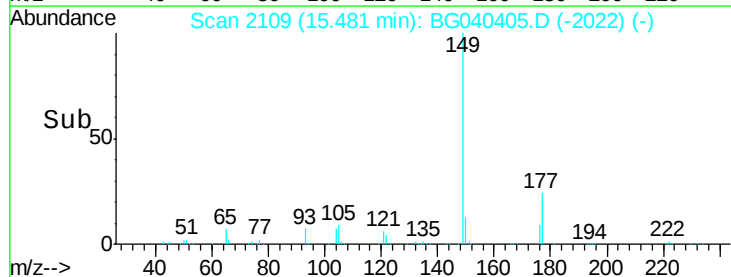


#60
 Diethylphthalate
 Concen: 43.097 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

Tgt Ion:	149	Resp:	437557
Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.1	28.7
150	12.8	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

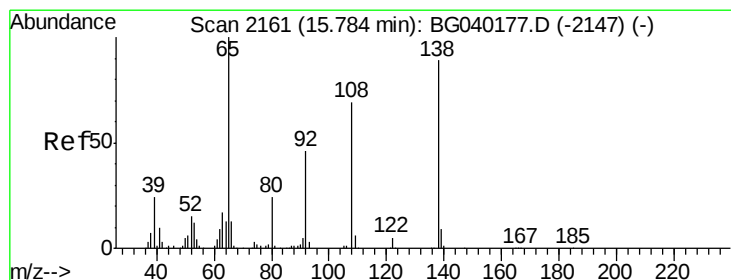
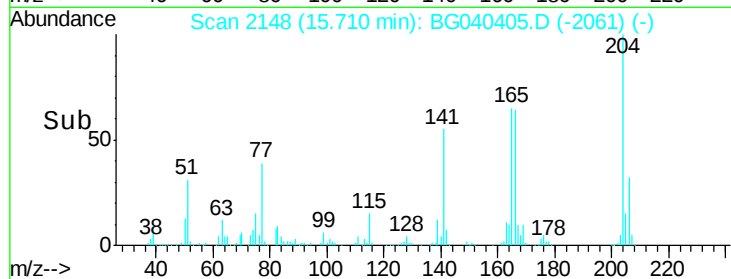
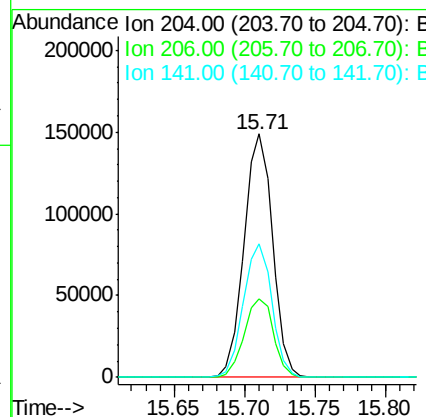
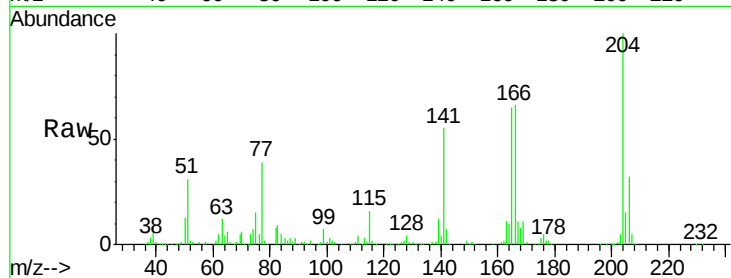




#61
 4-Chlorophenyl-phenylether
 Concen: 41.777 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

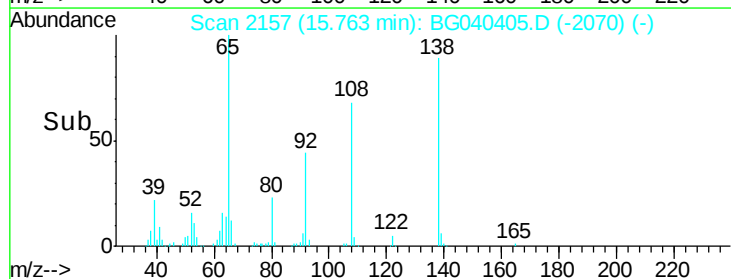
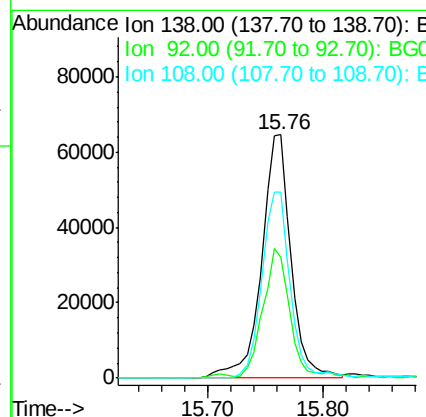
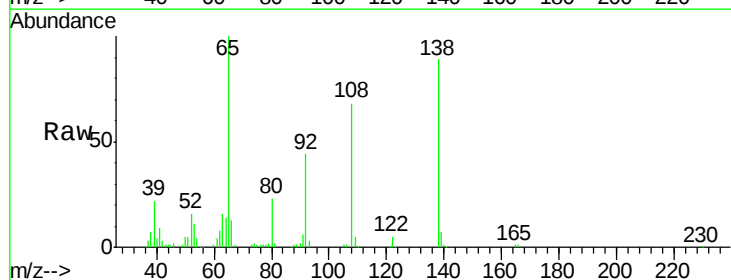
Instrument :
 BNA_G
 ClientSampled :

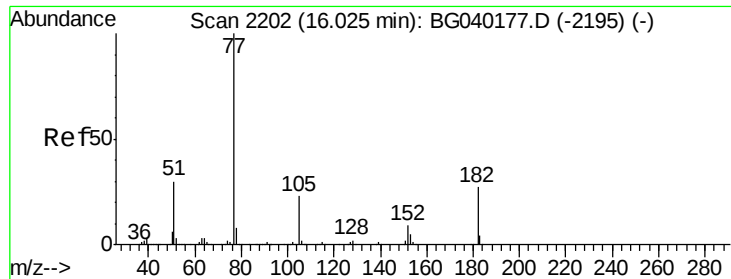
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.7	38.5
141	55.1	44.0	66.0



#62
 4-Nitroaniline
 Concen: 45.511 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	31.8	71.8
108	76.5	57.2	97.2





#63

Azobenzene

Concen: 42.075 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 402942

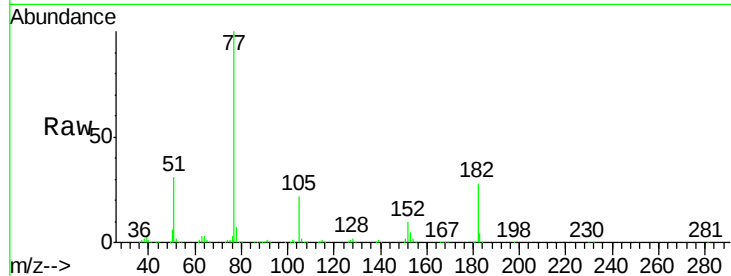
Ion Ratio Lower Upper

77 100

182 27.6 7.2 47.2

105 22.2 2.8 42.8

51 31.5 10.4 50.4

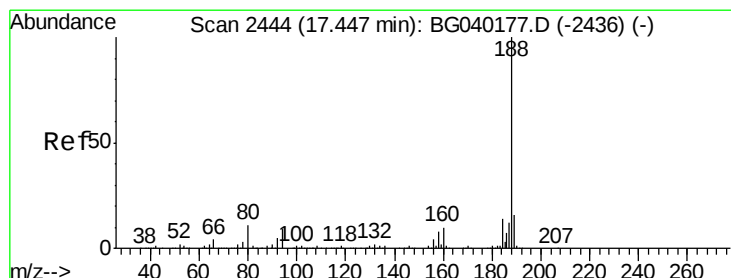
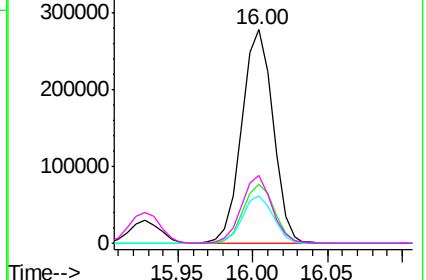
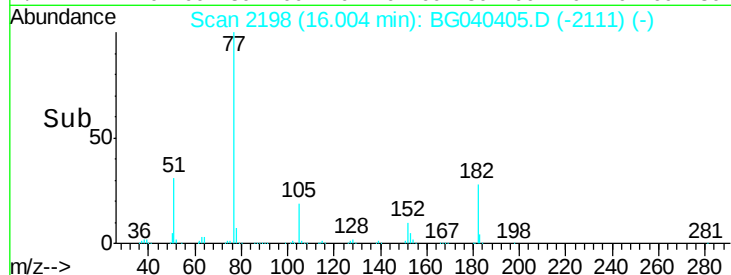


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

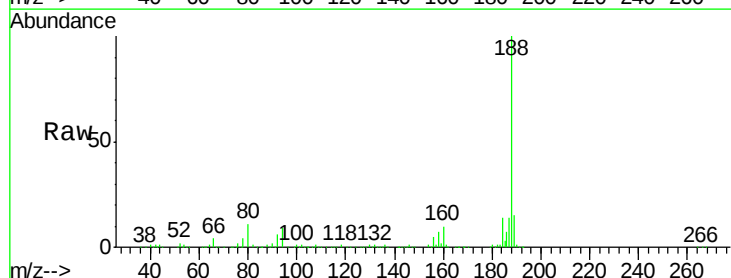
Tgt Ion: 188 Resp: 343209

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

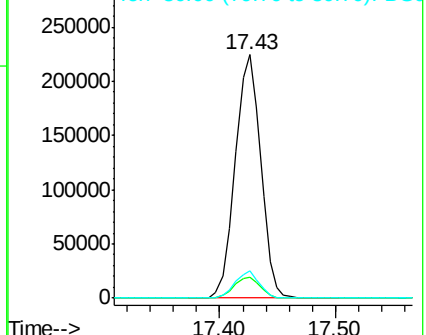
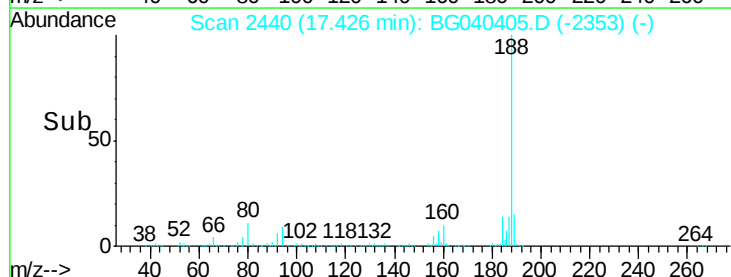
80 11.3 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 13.552 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

Instrument :

BNA_G

ClientSampled :

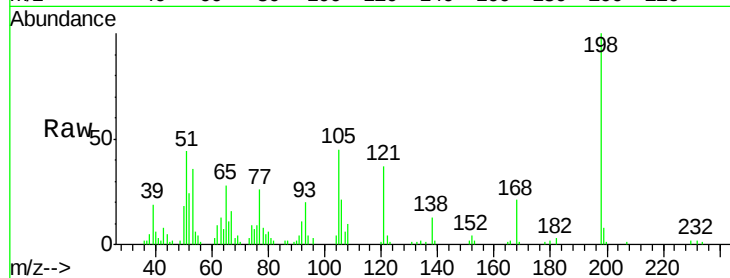
Tot Ion:198 Resp: 26132

Ion Ratio Lower Upper

198 100

51 43.6 27.3 67.3

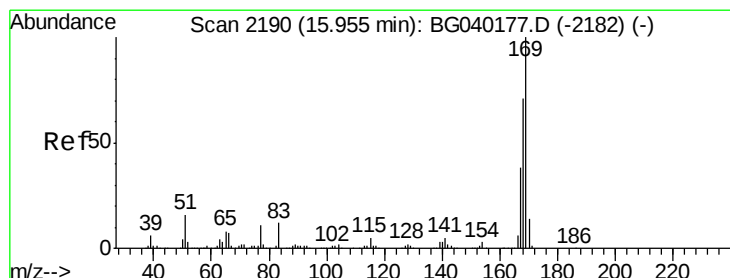
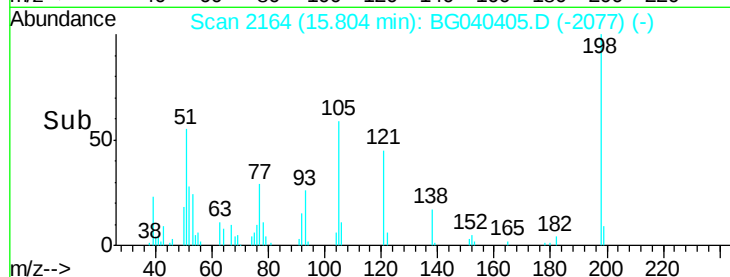
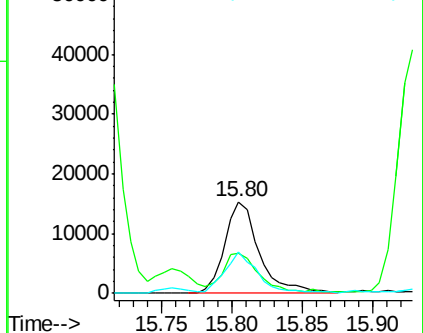
105 44.6 21.7 61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.975 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.03 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

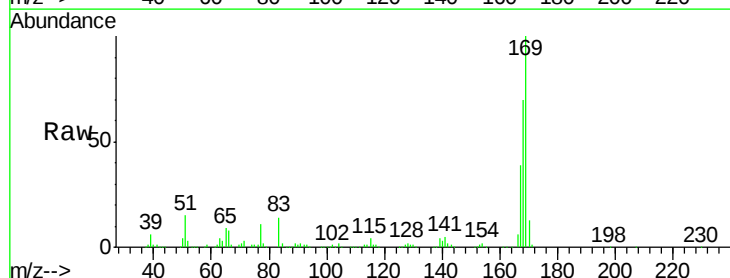
Tgt Ion:169 Resp: 381388

Ion Ratio Lower Upper

169 100

168 70.0 56.8 85.2

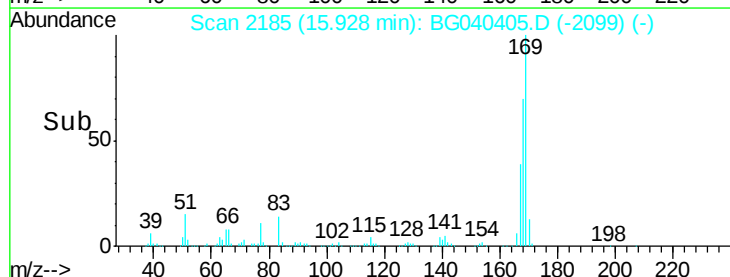
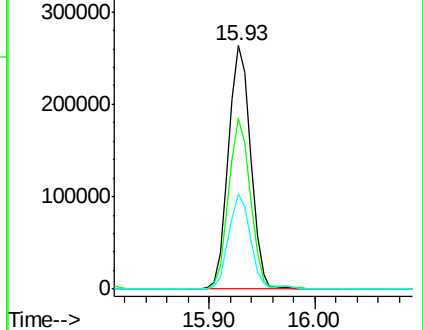
167 39.1 30.2 45.4

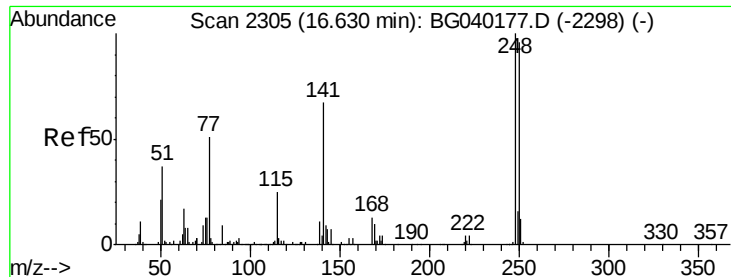


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

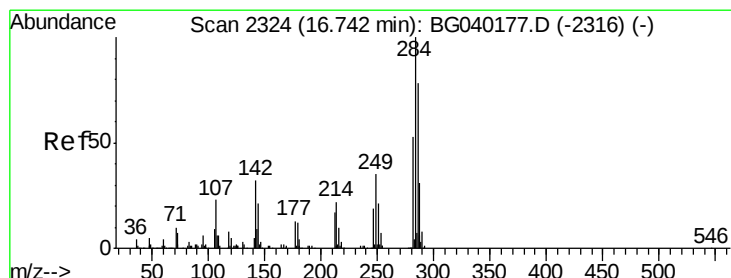
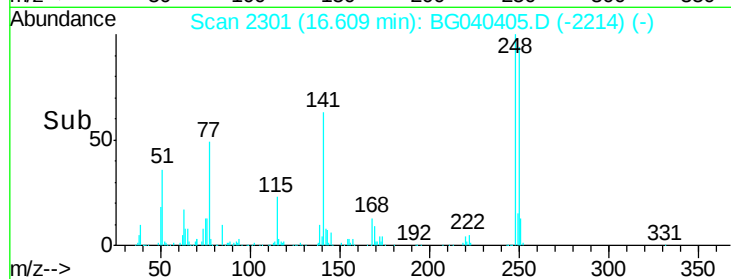
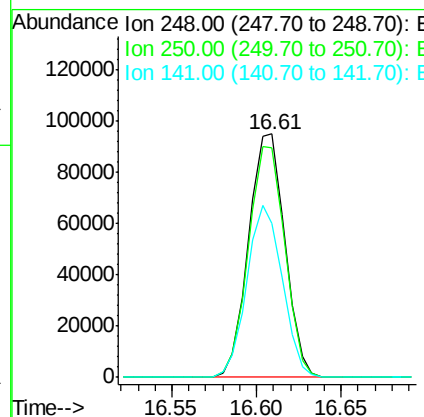
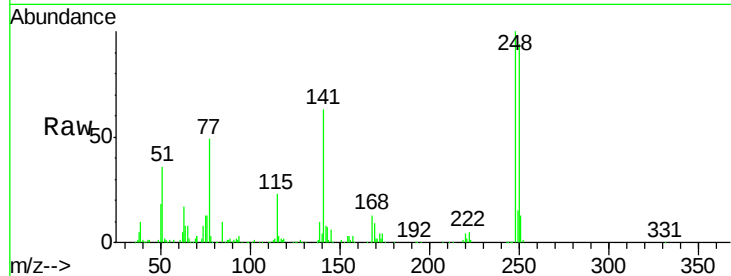




#67
 4-Bromophenyl-phenylether
 Concen: 36.764 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

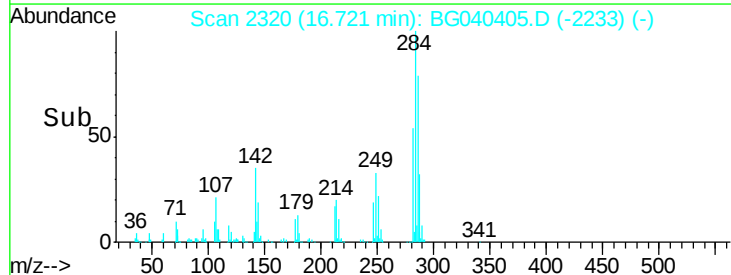
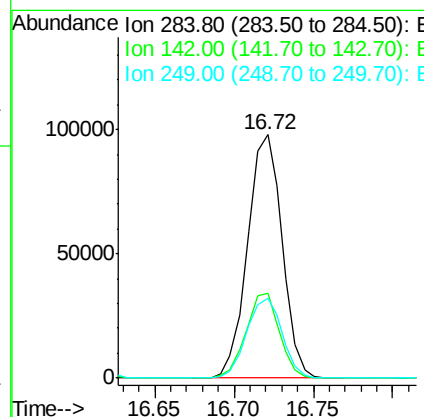
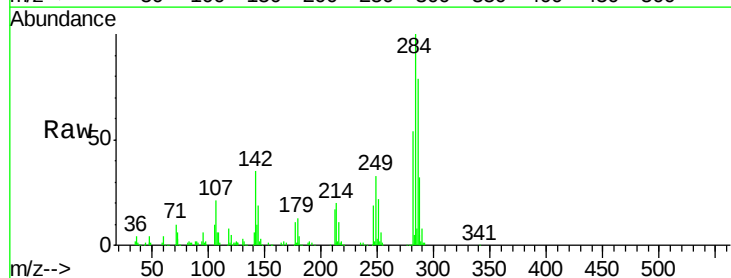
Instrument :
 BNA_G
 ClientSampleId :

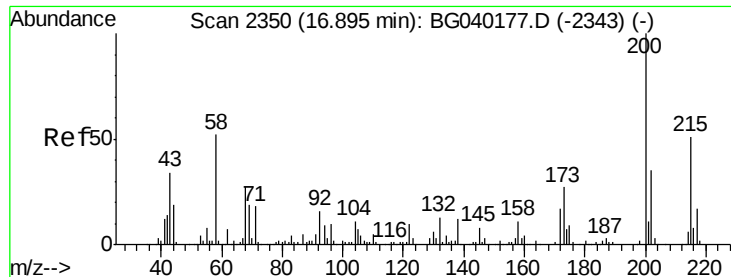
Tot Ion:248 Resp: 141993
 Ion Ratio Lower Upper
 248 100
 250 94.2 76.4 114.6
 141 63.1 53.8 80.8



#68
 Hexachlorobenzene
 Concen: 38.120 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

Tgt Ion:284 Resp: 148035
 Ion Ratio Lower Upper
 284 100
 142 35.1 25.3 37.9
 249 36.0 28.2 42.2





#69

Atrazine

Concen: 41.659 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.03 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

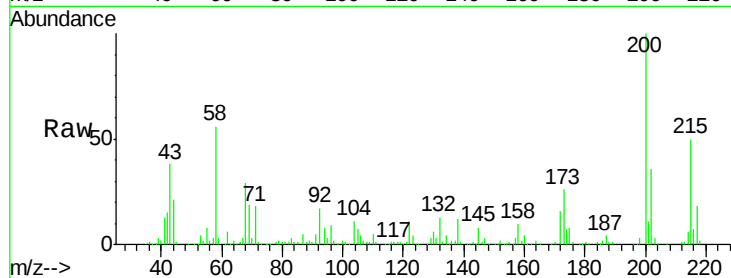
Tot Ion:200 Resp: 155640

Ion Ratio Lower Upper

200 100

173 25.7 7.1 47.1

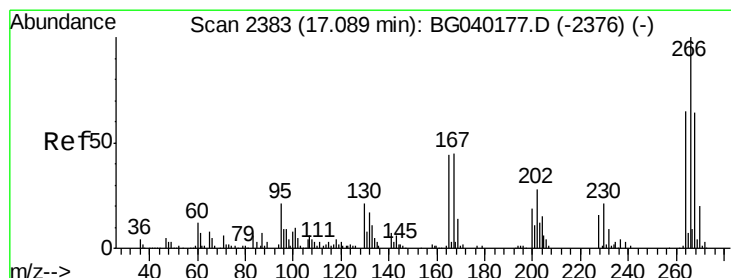
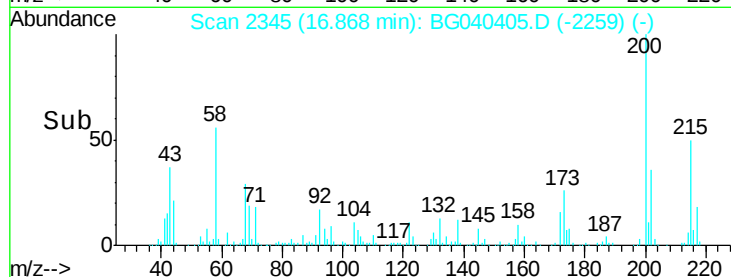
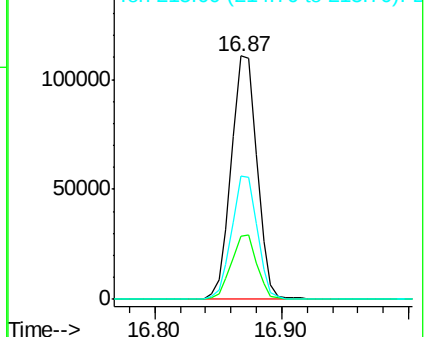
215 50.5 30.9 70.9



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



#70

Pentachlorophenol

Concen: 47.651 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

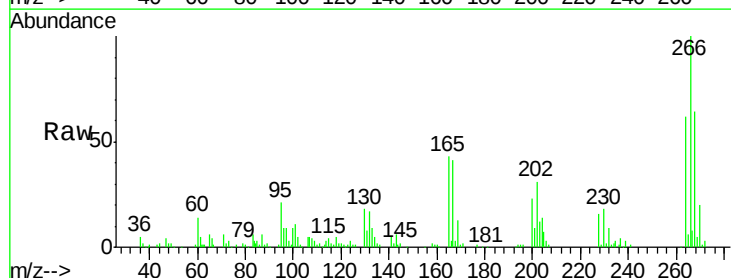
Tgt Ion:266 Resp: 106982

Ion Ratio Lower Upper

266 100

268 68.6 55.0 82.4

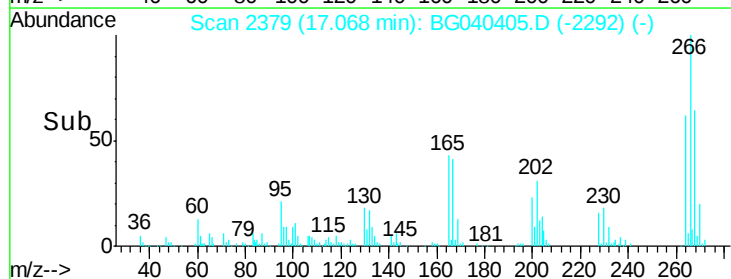
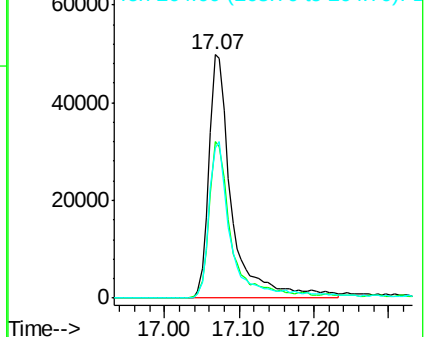
264 61.8 51.8 77.8

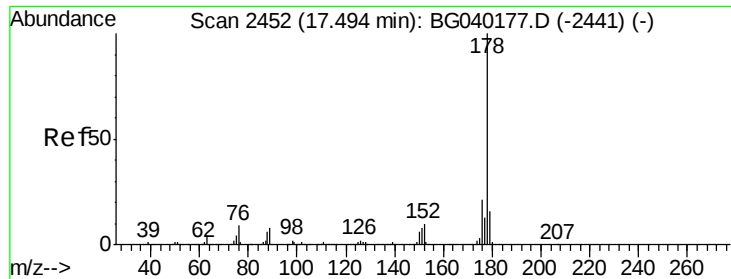


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

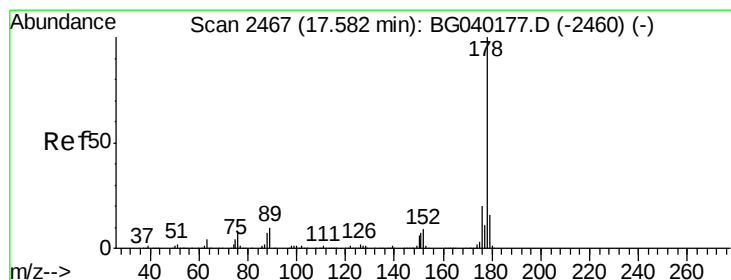
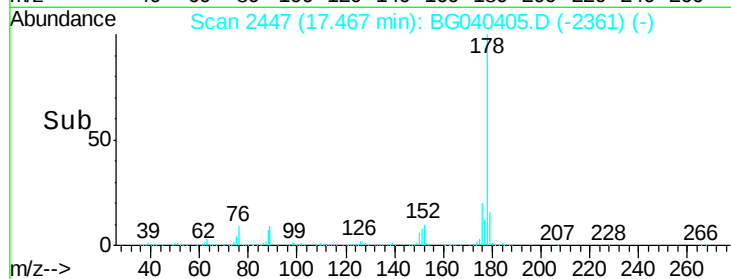
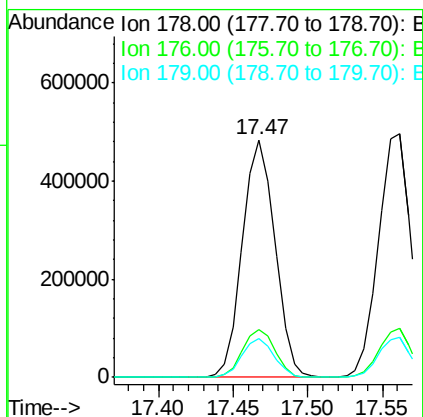
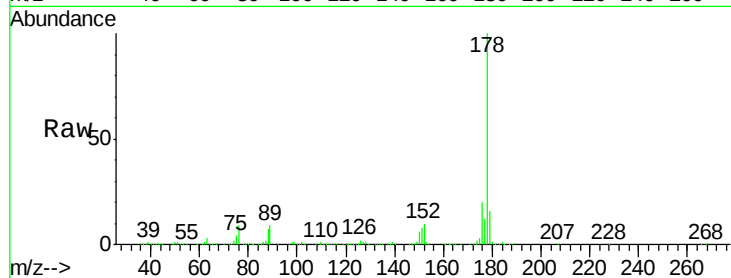




#71
Phenanthrene
Concen: 40.580 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040405.D
Acq: 9 Apr 2019 19:06

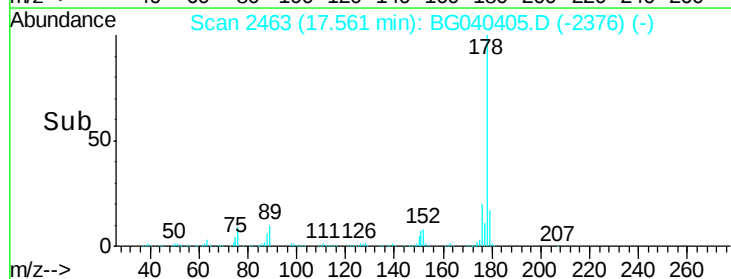
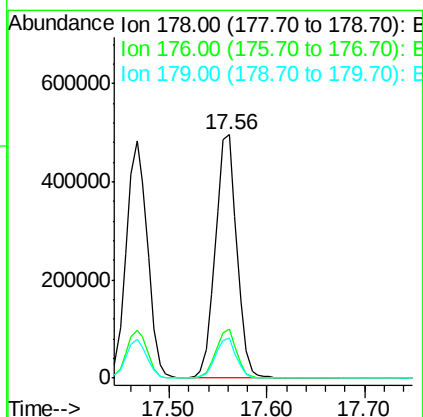
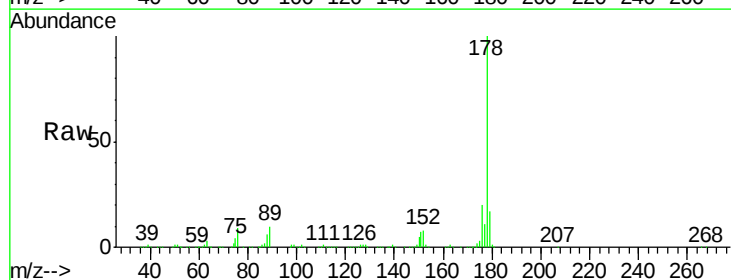
Instrument :
BNA_G
ClientSampleId :

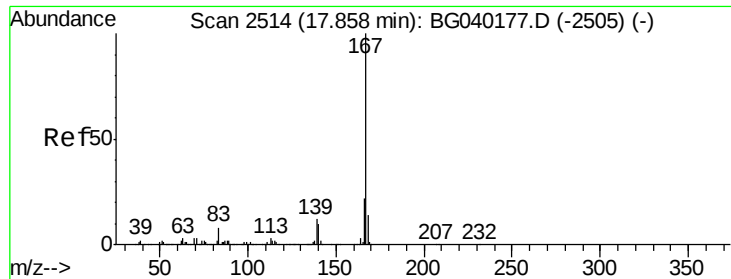
Tot Ion:178 Resp: 732046
Ion Ratio Lower Upper
178 100
176 20.1 16.7 25.1
179 16.2 12.8 19.2



#72
Anthracene
Concen: 41.700 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040405.D
Acq: 9 Apr 2019 19:06

Tgt Ion:178 Resp: 752944
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 16.5 12.9 19.3

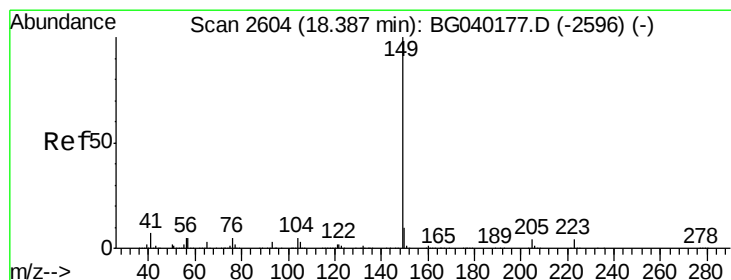
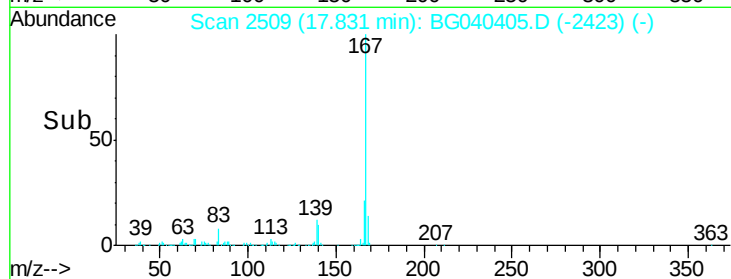
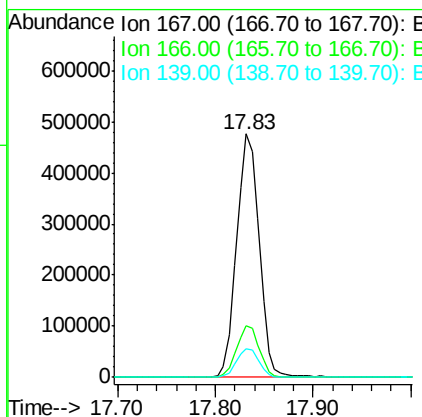
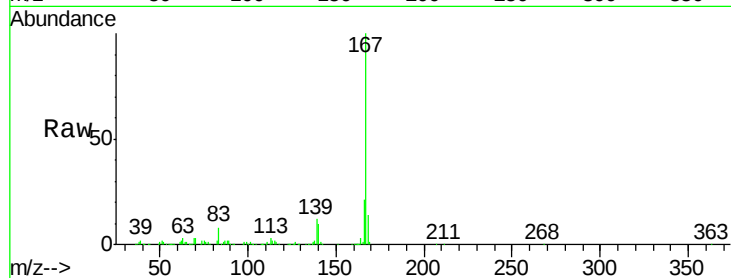




#73
 Carbazole
 Concen: 44.785 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.03 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

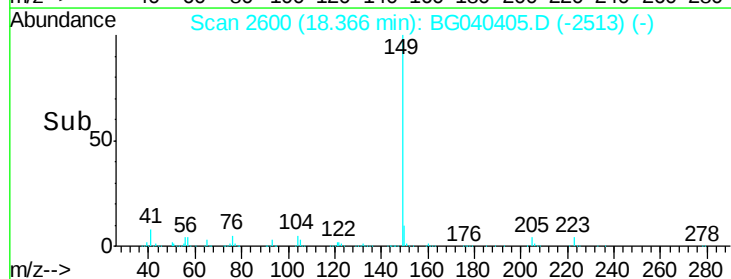
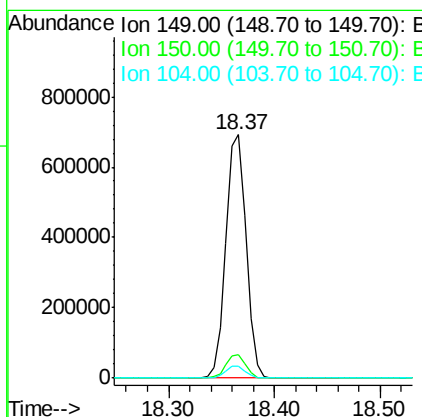
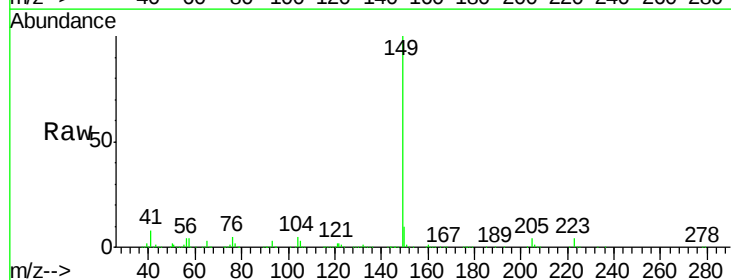
Instrument :
 BNA_G
 ClientSampleId :

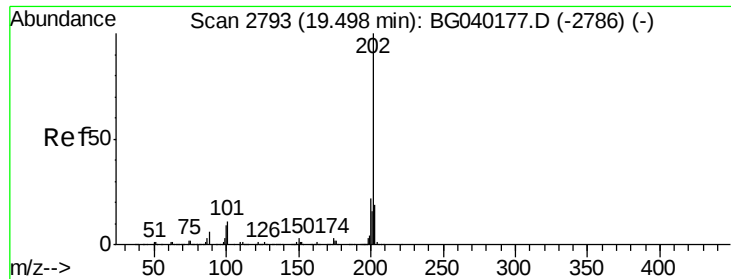
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.5	26.3
139	11.8	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 45.218 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.02 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	4.9	4.1	6.1





#75

Fluoranthene

Concen: 46.989 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

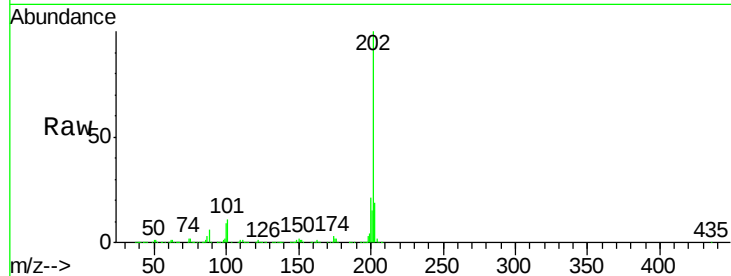
Tot Ion:202 Resp: 1003739

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.8

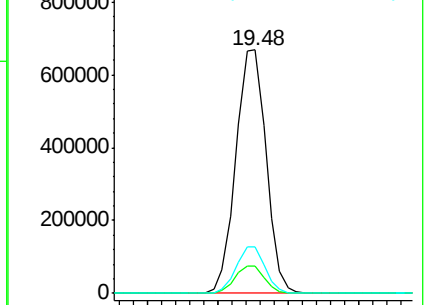
203 19.1 0.0 38.9



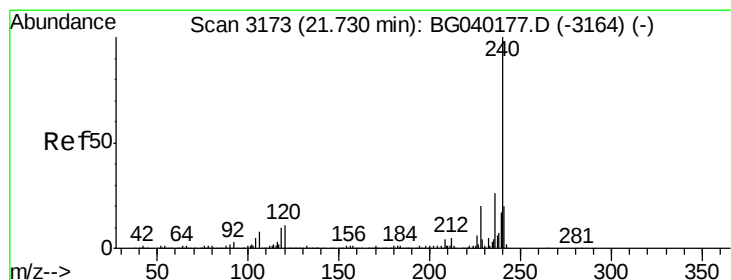
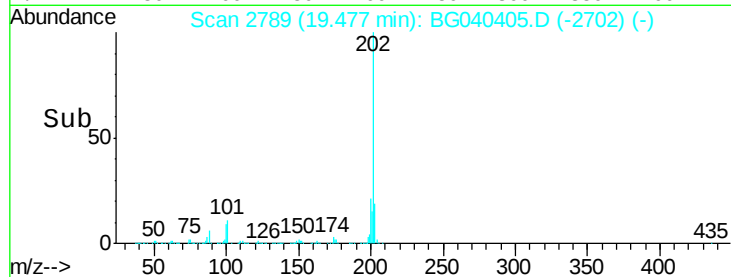
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

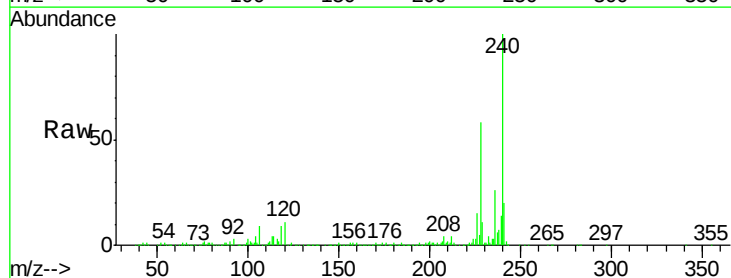
Tgt Ion:240 Resp: 403817

Ion Ratio Lower Upper

240 100

120 11.4 8.4 12.6

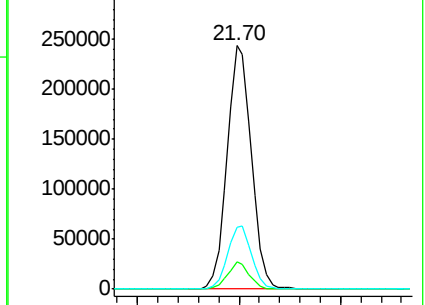
236 25.6 20.8 31.2



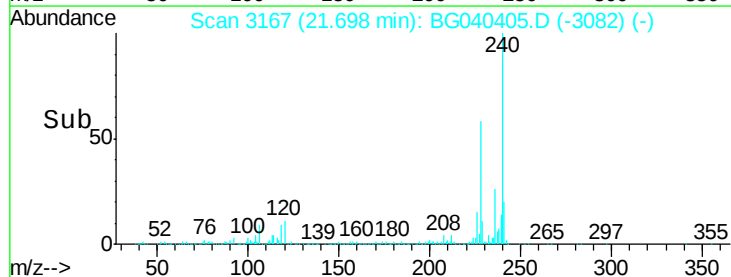
Abundance Ion 240.00 (239.70 to 240.70): E

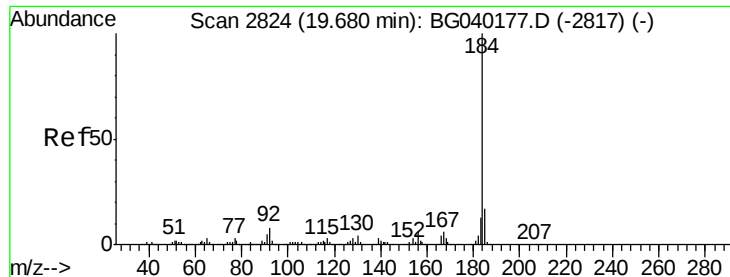
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 12.915 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

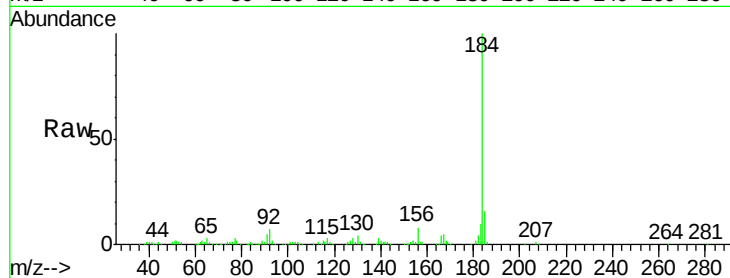
Tot Ion:184 Resp: 188332

Ion Ratio Lower Upper

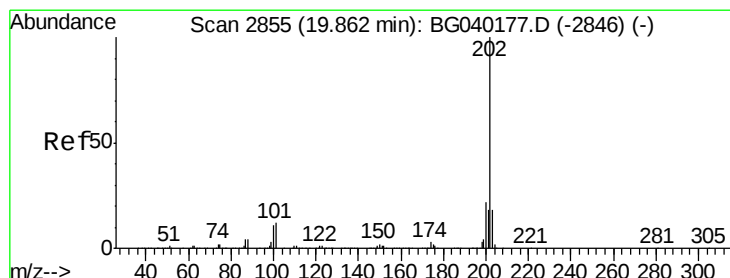
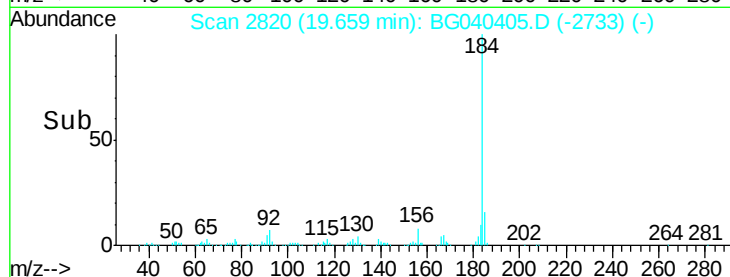
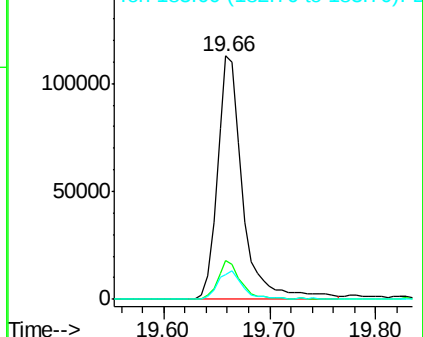
184 100

185 15.8 13.3 19.9

183 10.3 10.3 15.5#



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



#78

Pyrene

Concen: 38.684 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

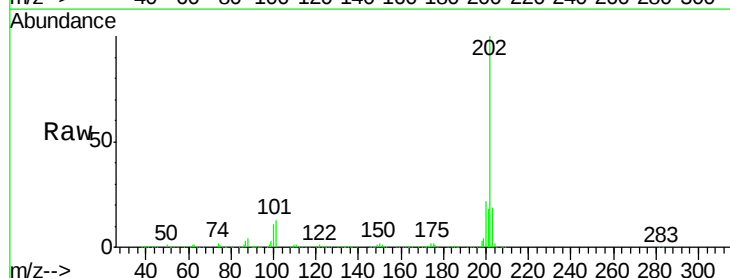
Tgt Ion:202 Resp: 1027282

Ion Ratio Lower Upper

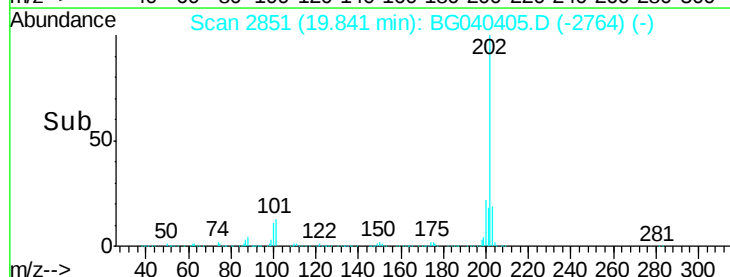
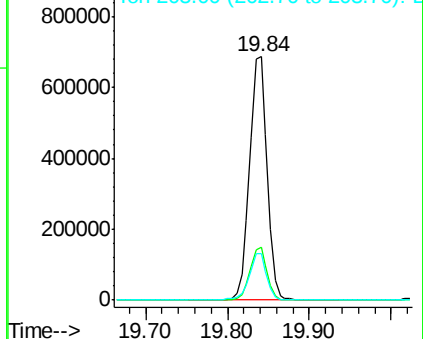
202 100

200 21.5 17.3 25.9

203 18.9 14.6 22.0



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





#79

Terphenyl-d14

Concen: 72.491 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

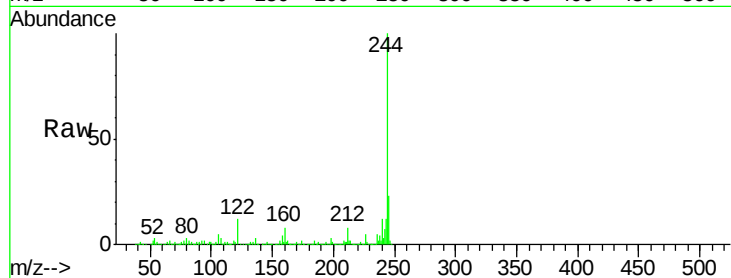
Tot Ion:244 Resp: 1301231

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

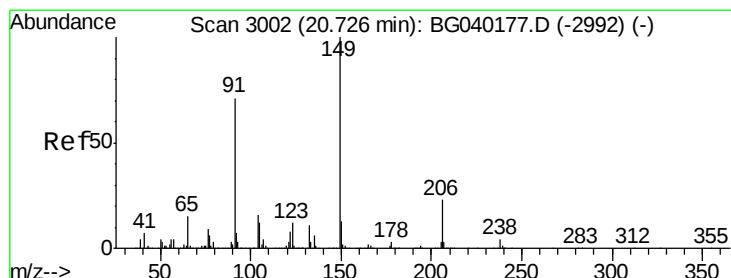
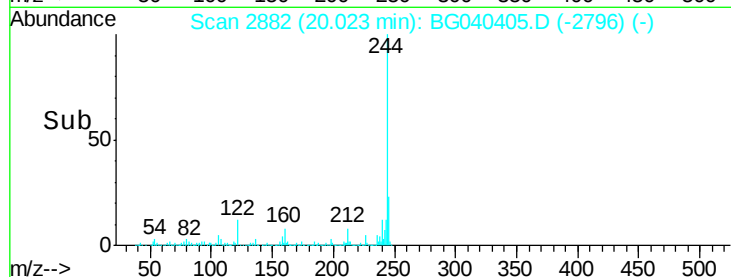
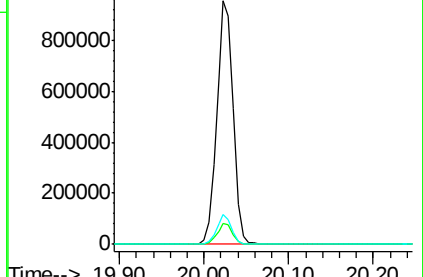
122 12.0 8.5 12.7



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



#80

Butylbenzylphthalate

Concen: 39.877 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

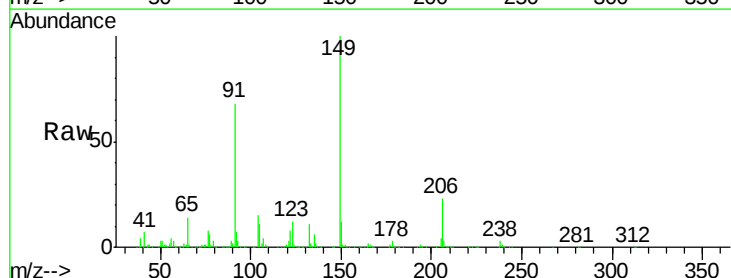
Tgt Ion:149 Resp: 453142

Ion Ratio Lower Upper

149 100

91 68.0 57.0 85.4

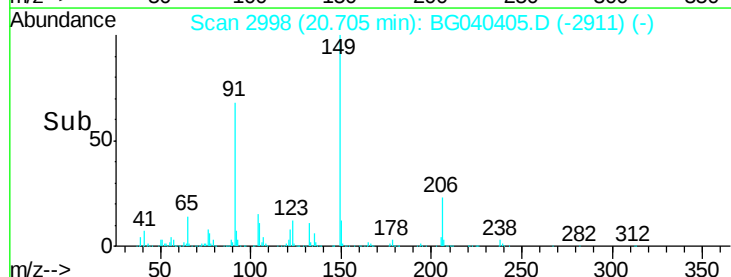
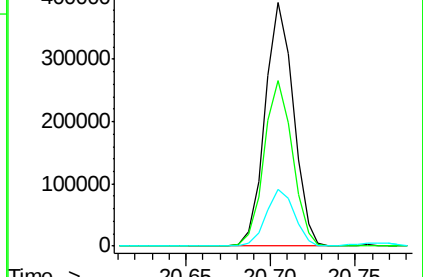
206 23.1 18.2 27.4

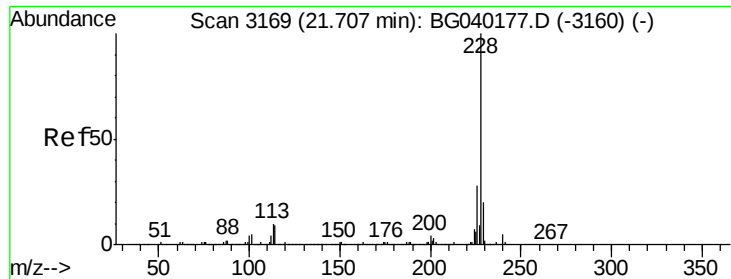


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.266 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

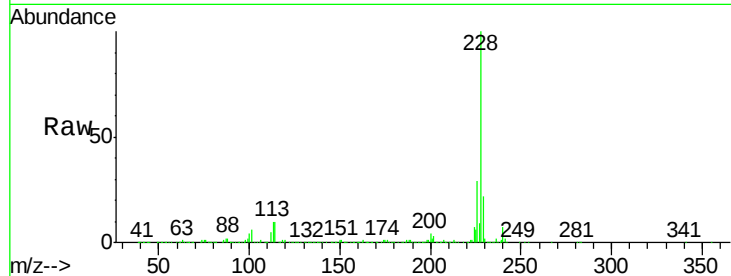
Tot Ion:228 Resp: 951783

Ion Ratio Lower Upper

228 100

226 29.3 22.6 34.0

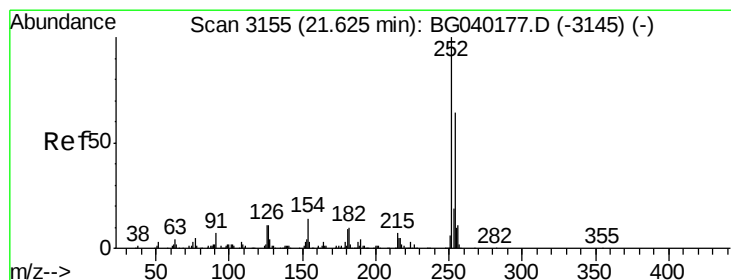
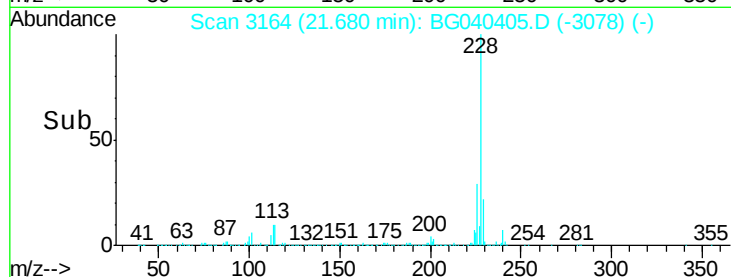
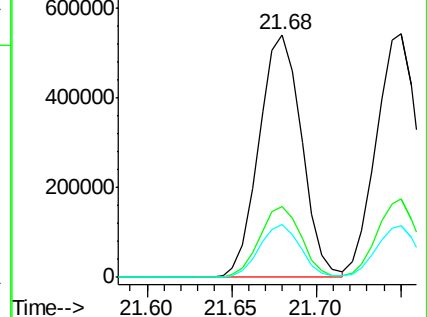
229 21.7 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 15.047 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.03 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

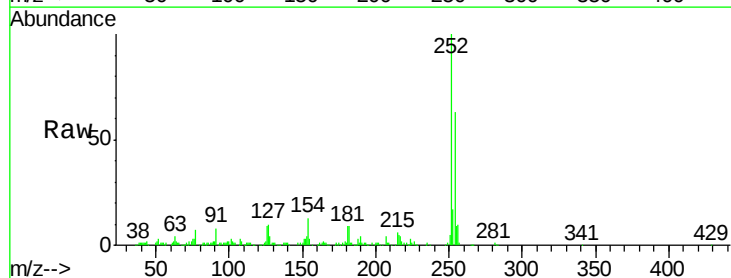
Tgt Ion:252 Resp: 142372

Ion Ratio Lower Upper

252 100

254 62.7 51.4 77.2

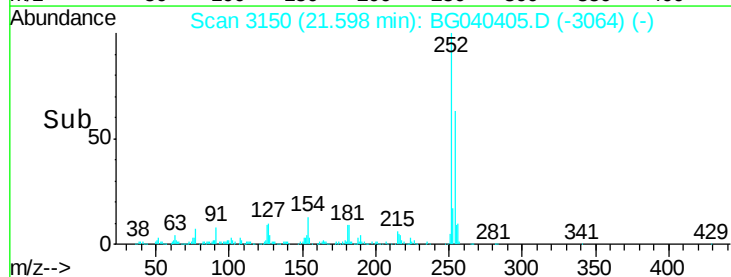
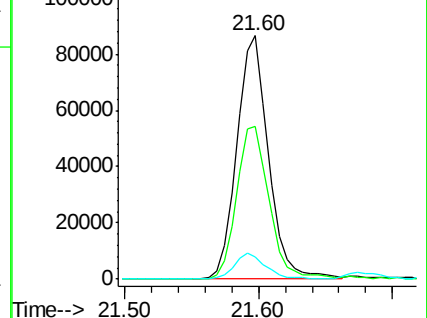
126 8.9 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

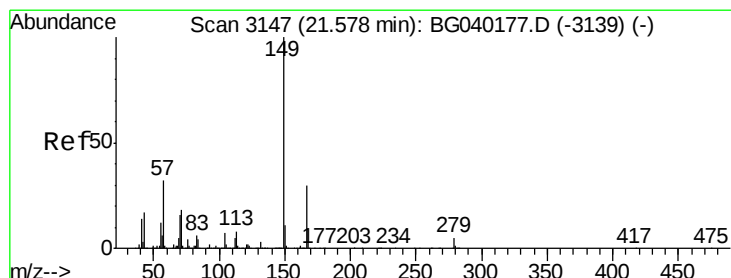
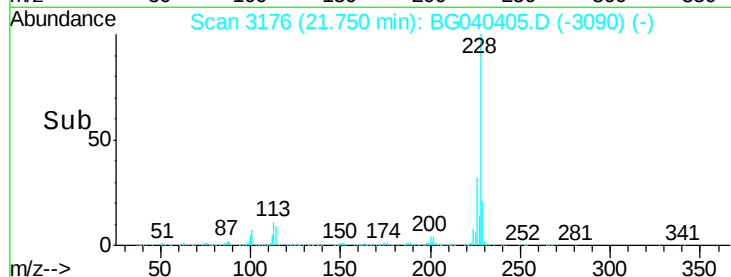
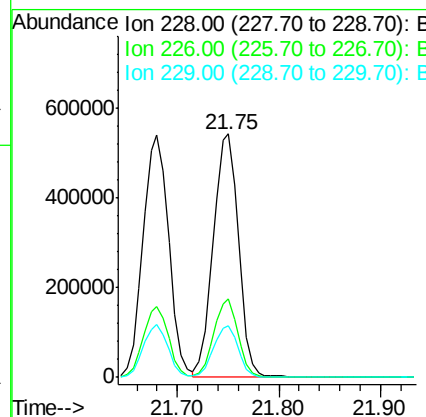
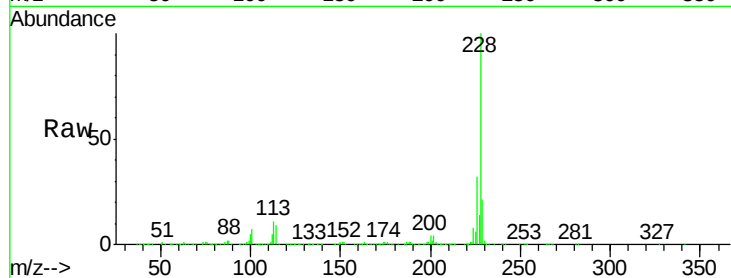




#83
 Chrvsene
 Concen: 39.139 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.03 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

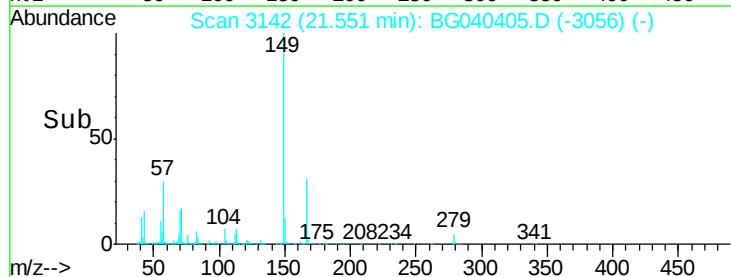
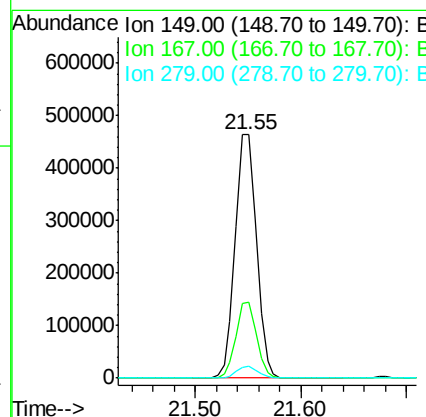
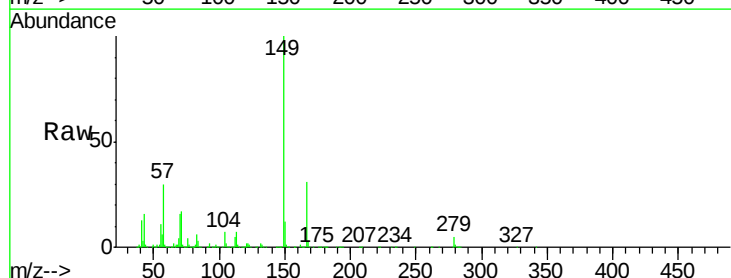
Instrument :
 BNA_G
 ClientSampleId :

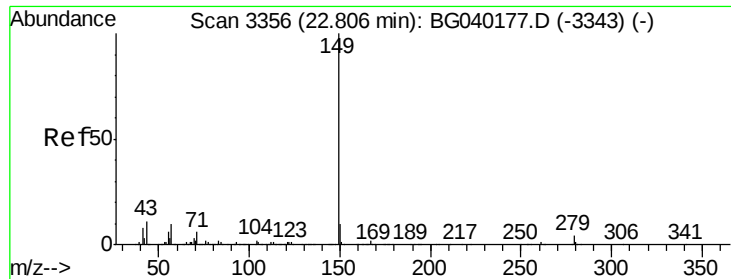
Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.4	38.0
229	21.4	17.0	25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.686 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.03 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.1	24.1	36.1
279	5.0	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 39.865 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

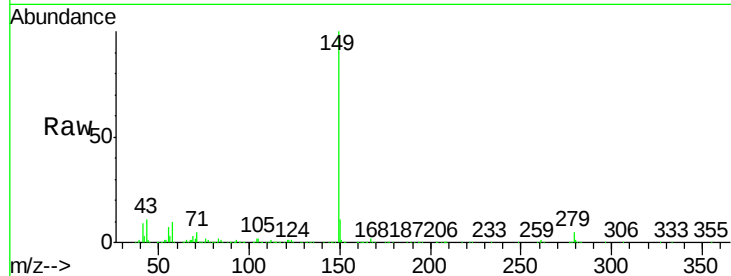
Tot Ion:149 Resp: 1103286

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

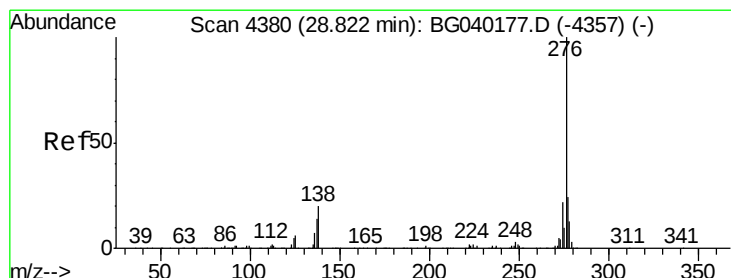
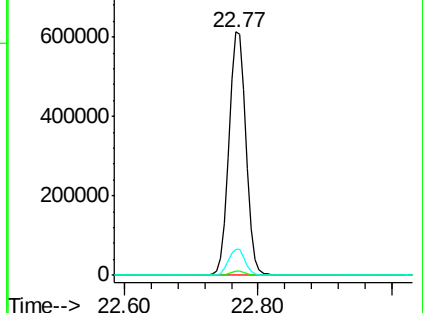
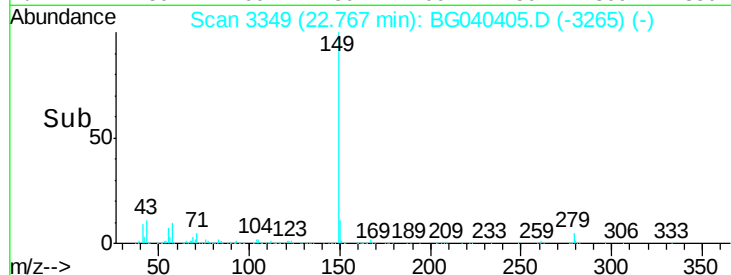
43 10.6 8.7 13.1



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.821 ng

RT: 28.74 min Scan# 4365

Delta R.T. -0.09 min

Lab File: BG040405.D

Acq: 9 Apr 2019 19:06

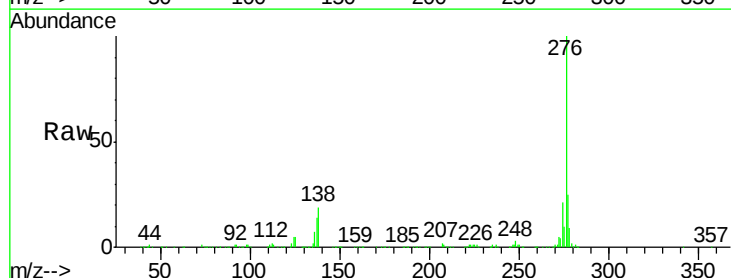
Tgt Ion:276 Resp: 1164229

Ion Ratio Lower Upper

276 100

138 13.6 18.8 28.2#

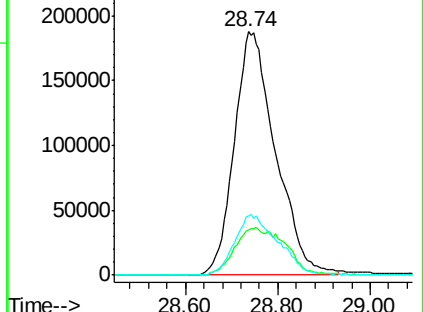
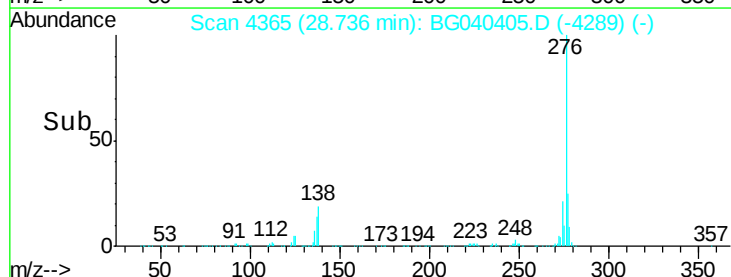
277 26.2 21.0 31.4

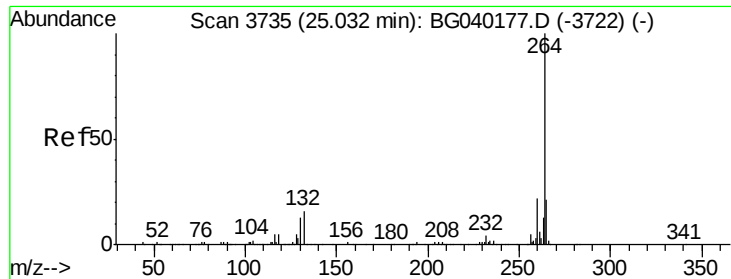


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

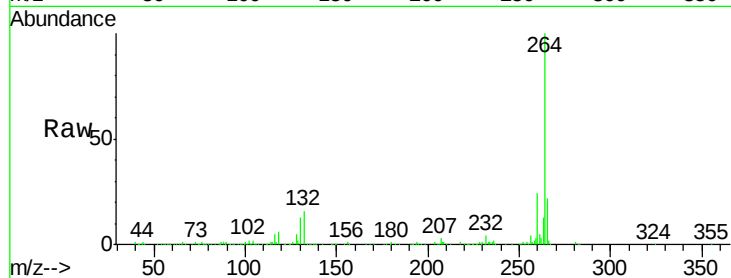




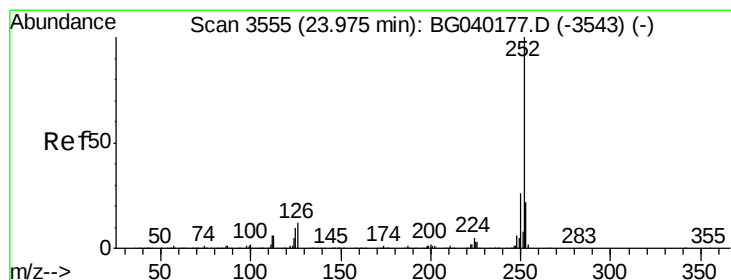
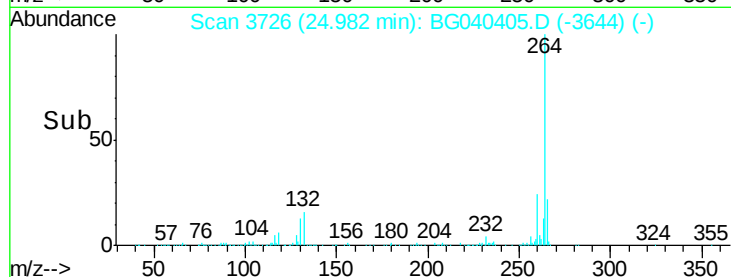
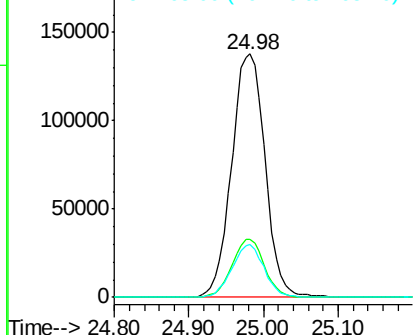
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.98 min Scan# 3726
 Delta R.T. -0.05 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264 Resp: 428591
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.9 26.9
 265 21.8 16.8 25.2

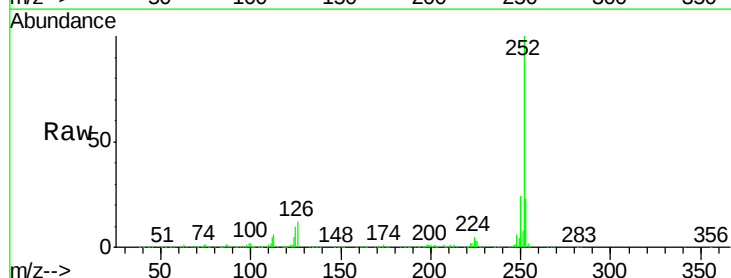


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

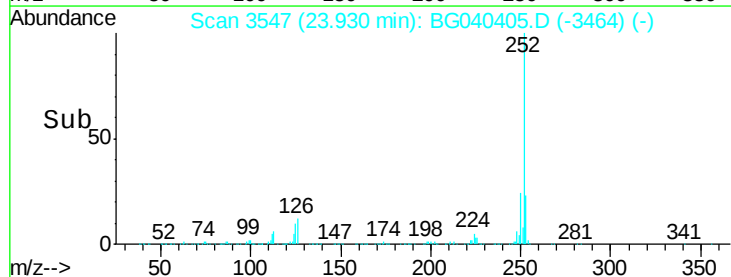
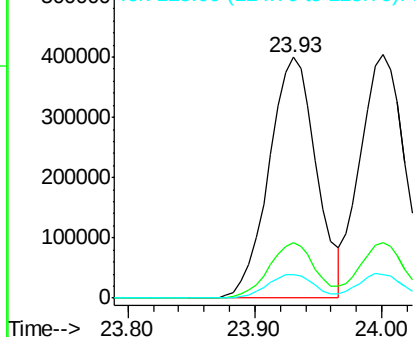


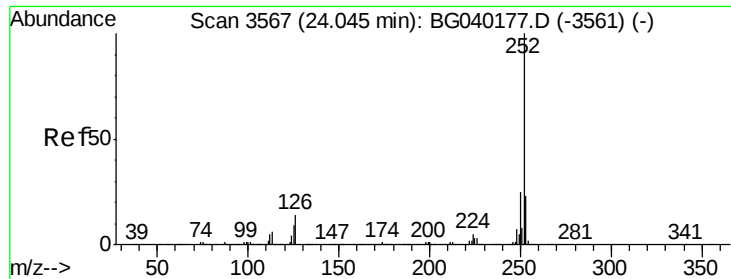
#88
 Benzo(b)fluoranthene
 Concen: 39.523 ng
 RT: 23.93 min Scan# 3547
 Delta R.T. -0.04 min
 Lab File: BG040405.D
 Acq: 9 Apr 2019 19:06

Tgt Ion:252 Resp: 1037095
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.6 26.4
 125 10.0 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

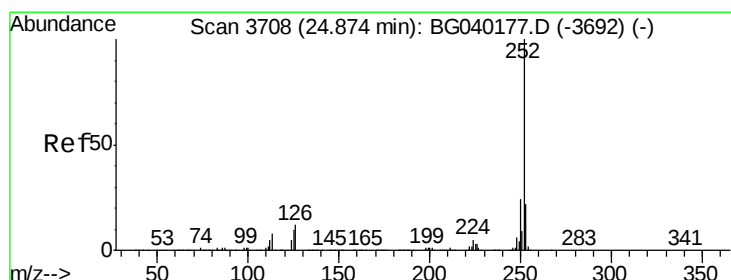
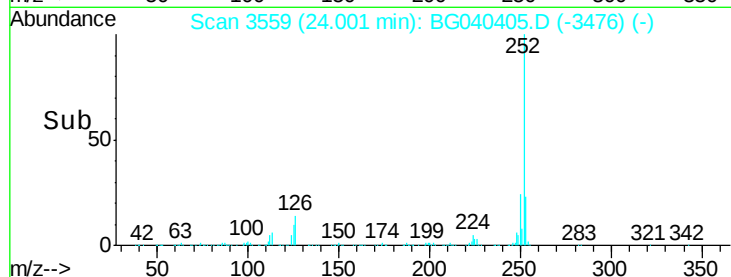
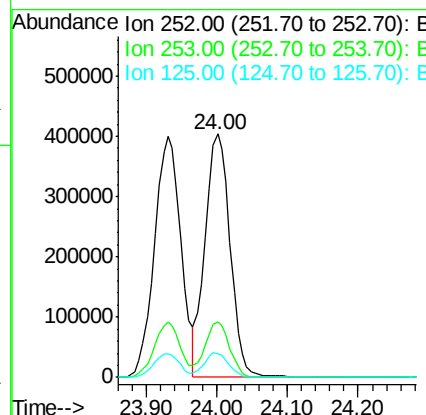
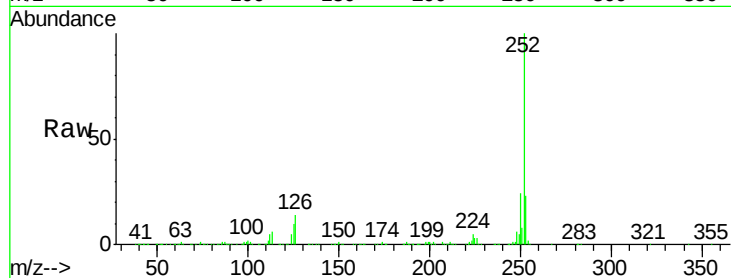




#89
Benzo(k)fluoranthene
Concen: 41.307 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.04 min
Lab File: BG040405.D
Acq: 9 Apr 2019 19:06

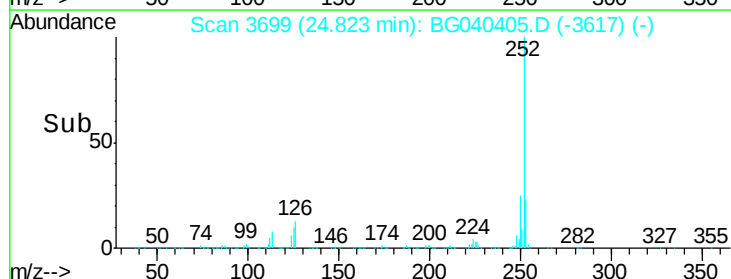
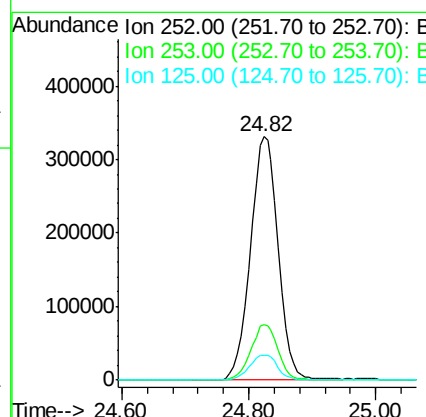
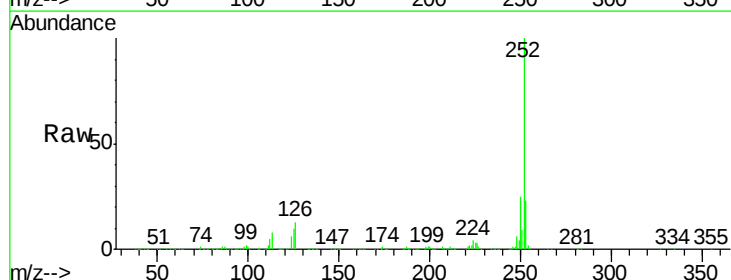
Instrument :
BNA_G
ClientSampled :

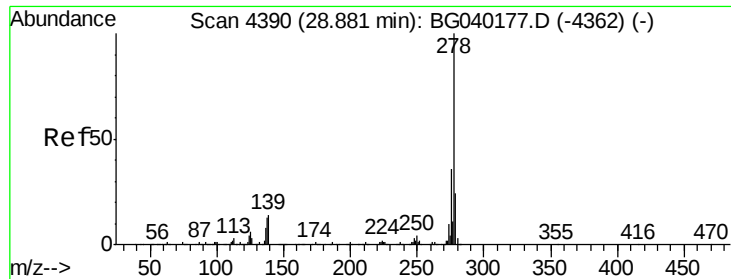
Tot Ion:252 Resp: 996771
Ion Ratio Lower Upper
252 100
253 22.8 18.6 28.0
125 9.8 7.3 10.9



#90
Benzo(a)pyrene
Concen: 40.934 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.05 min
Lab File: BG040405.D
Acq: 9 Apr 2019 19:06

Tgt Ion:252 Resp: 1007802
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.4 8.3 12.5

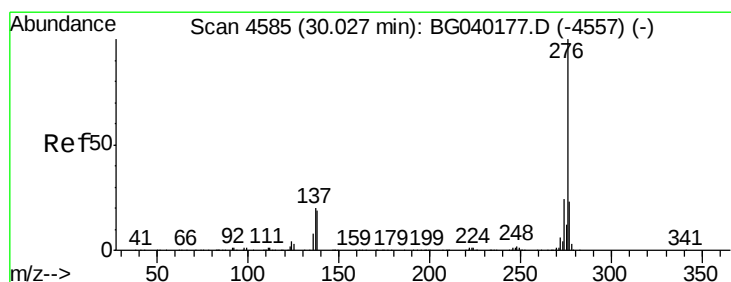
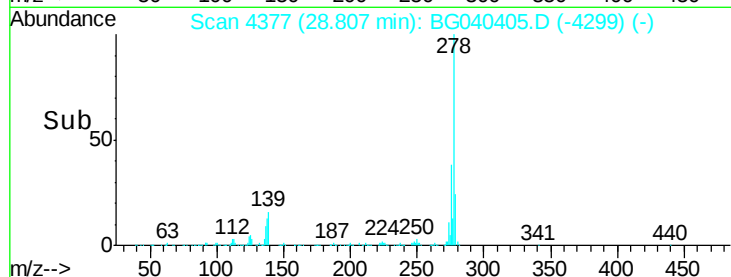
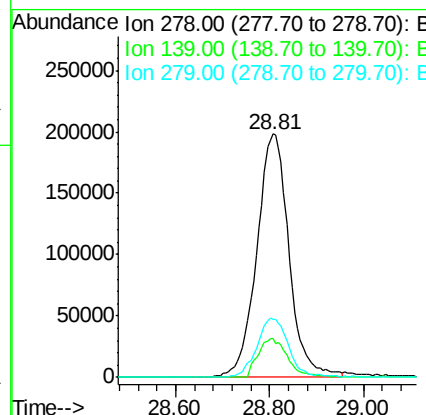
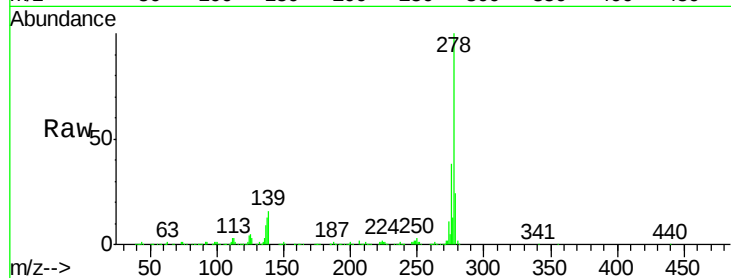




#91
Dibenzo(a,h)anthracene
Concen: 41.316 ng
RT: 28.81 min Scan# 4377
Delta R.T. -0.07 min
Lab File: BG040405.D
Acq: 9 Apr 2019 19:06

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	16.1	11.2	16.8	
279	23.9	18.9	28.3	



#92
Benzo(g,h,i)perylene
Concen: 41.487 ng
RT: 29.93 min Scan# 4569
Delta R.T. -0.09 min
Lab File: BG040405.D
Acq: 9 Apr 2019 19:06

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.4	18.6	28.0	
138	20.9	15.2	22.8	

