

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040419\
 Data File : BG040366.D
 Acq On : 4 Apr 2019 19:18
 Operator : JU/SJ
 Sample : PB118524BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 05 01:20:55 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	54333	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	219678	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	135056	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	344259	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	376089	20.00	ng	-0.03
87) Perylene-d12	24.97	264	371532	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	429972	131.56	ng	-0.02
7) Phenol-d6	7.21	99	571025	126.42	ng	-0.02
23) Nitrobenzene-d5	9.22	82	312452	75.60	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	217335	148.90	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	721429	79.15	ng	-0.02
79) Terphenyl-d14	20.02	244	1254088	75.02	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	92622	60.269	ng	97
3) Pyridine	3.89	79	160443	38.775	ng	95
4) n-Nitrosodimethylamine	3.82	42	71596	37.406	ng	# 86
6) Aniline	7.38	93	151567	25.828	ng	98
8) 2-Chlorophenol	7.61	128	154615	40.413	ng	96
9) Benzaldehyde	7.19	77	44240	14.279	ng	97
10) Phenol	7.23	94	204133	41.637	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	149175	37.989	ng	97
12) 1,3-Dichlorobenzene	7.93	146	164369	39.522	ng	96
13) 1,4-Dichlorobenzene	8.08	146	163517	39.475	ng	97
14) 1,2-Dichlorobenzene	8.40	146	154789	39.076	ng	95
15) Benzyl Alcohol	8.29	79	134110	36.867	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	277476	36.819	ng	100
17) 2-Methylphenol	8.49	107	136447	40.220	ng	96
18) Hexachloroethane	9.12	117	59354	37.670	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	113057	34.910	ng	98
20) 3+4-Methylphenols	8.81	107	188863	41.094	ng	97
22) Acetophenone	8.88	105	226628	41.357	ng	# 96
24) Nitrobenzene	9.26	77	170453	39.828	ng	98
25) Isophorone	9.77	82	330590	38.876	ng	# 98
26) 2-Nitrophenol	9.97	139	84970	41.900	ng	98
27) 2,4-Dimethylphenol	10.02	122	157676	48.949	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	200543	39.861	ng	99
29) 2,4-Dichlorophenol	10.50	162	157734	45.113	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	159309	41.496	ng	98
31) Naphthalene	10.91	128	467301	41.501	ng	98
32) Benzoic acid	10.15	122	61566	31.634	ng	96
33) 4-Chloroaniline	11.03	127	119741	24.930	ng	96
34) Hexachlorobutadiene	11.17	225	97303	39.629	ng	94
35) Caprolactam	11.81	113	40436	29.143	ng	96
36) 4-Chloro-3-methylphenol	12.14	107	172229	42.848	ng	99
37) 2-Methylnaphthalene	12.51	142	355228	42.656	ng	98
38) 1-Methylnaphthalene	12.73	142	331646	41.068	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	178295	41.536	ng	99

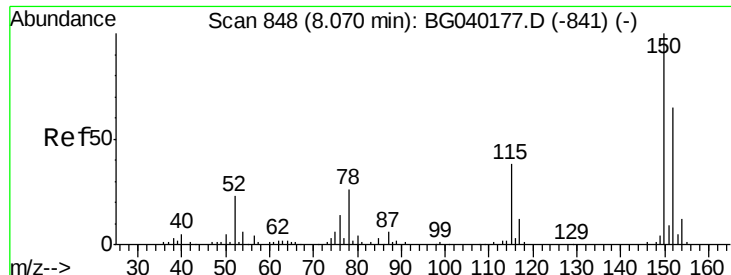
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040419\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	205548	87.210	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	127252	45.980	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	138965	46.068	ng	95
46) 1,1'-Biphenyl	13.51	154	448093	41.991	ng	97
47) 2-Chloronaphthalene	13.56	162	347865	42.498	ng	99
48) 2-Nitroaniline	13.77	65	116729	42.277	ng	97
49) Acenaphthylene	14.40	152	577773	41.631	ng	99
50) Dimethylphthalate	14.13	163	445335	42.132	ng	99
51) 2,6-Dinitrotoluene	14.26	165	103830	43.748	ng	98
52) Acenaphthene	14.75	154	336287	42.287	ng	97
53) 3-Nitroaniline	14.60	138	75346	29.991	ng	95
54) 2,4-Dinitrophenol	14.80	184	104014	82.407	ng	90
55) Dibenzofuran	15.07	168	549514	43.003	ng	98
56) 4-Nitrophenol	14.90	139	178112	87.843	ng	98
57) 2,4-Dinitrotoluene	15.04	165	146259	44.351	ng	98
58) Fluorene	15.73	166	436819	43.479	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	127678	46.643	ng	99
60) Diethylphthalate	15.48	149	467952	43.264	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	236264	43.995	ng	97
62) 4-Nitroaniline	15.76	138	119526	44.333	ng	98
63) Azobenzene	16.00	77	430490	42.195	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	82187	42.494	ng	98
66) n-Nitrosodiphenylamine	15.93	169	408659	40.566	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	155198	40.060	ng	97
68) Hexachlorobenzene	16.72	284	158912	40.796	ng	97
69) Atrazine	16.87	200	155257	41.430	ng	98
70) Pentachlorophenol	17.07	266	178791	79.392	ng	95
71) Phenanthrene	17.47	178	756881	41.828	ng	99
72) Anthracene	17.56	178	772656	42.661	ng	99
73) Carbazole	17.83	167	744141	43.414	ng	99
74) Di-n-butylphthalate	18.36	149	864908	42.570	ng	100
75) Fluoranthene	19.47	202	969987	45.270	ng	99
77) Benzidine	19.66	184	351670	25.894	ng	97
78) Pyrene	19.83	202	983950	39.784	ng	99
80) Butylbenzylphthalate	20.70	149	432115	40.830	ng	95
81) Benzo(a)anthracene	21.68	228	932079	40.236	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	242173	27.482	ng	99
83) Chrysene	21.74	228	904136	40.612	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	616345	40.741	ng	99
85) Di-n-octyl phthalate	22.77	149	1053349	40.867	ng	99
86) Indeno(1,2,3-cd)pyrene	28.73	276	1119843	41.127	ng	99
88) Benzo(b)fluoranthene	23.92	252	974390	42.837	ng	98
89) Benzo(k)fluoranthene	23.99	252	951969	45.509	ng	99
90) Benzo(a)pyrene	24.82	252	956848	44.834	ng	98
91) Dibenzo(a,h)anthracene	28.79	278	905803	45.697	ng	96
92) Benzo(g,h,i)perylene	29.92	276	927397	45.526	ng	98

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

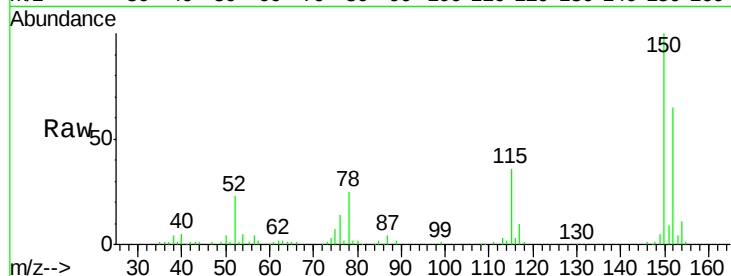


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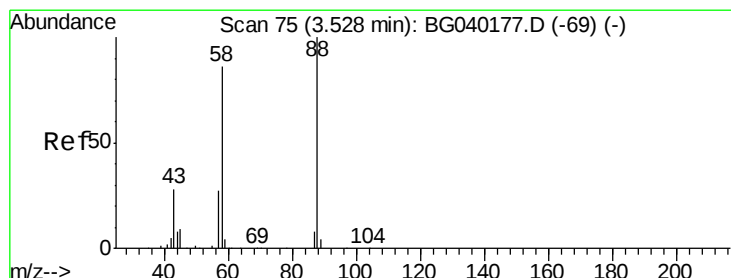
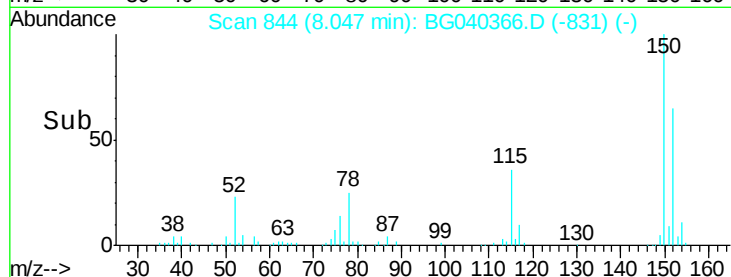
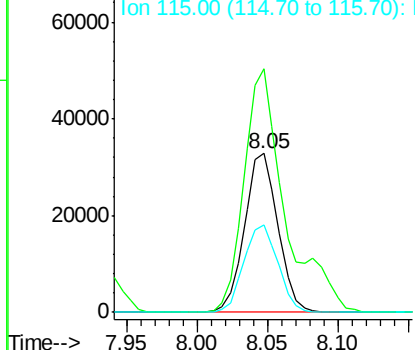
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040366.D
Acq: 4 Apr 2019 19:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54333
Ion Ratio Lower Upper
152 100
150 153.2 123.7 185.5
115 55.3 46.9 70.3



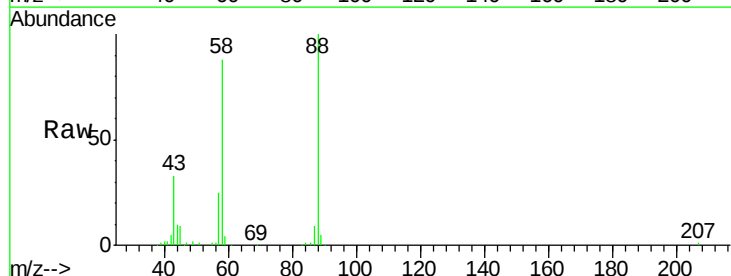
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



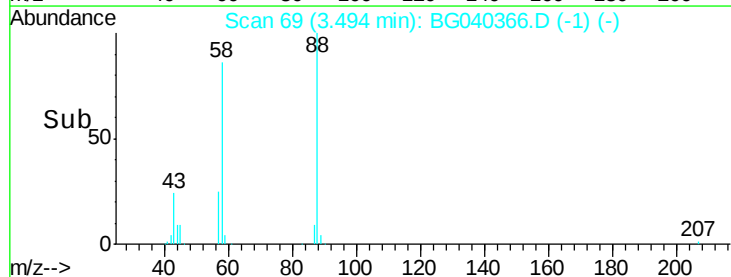
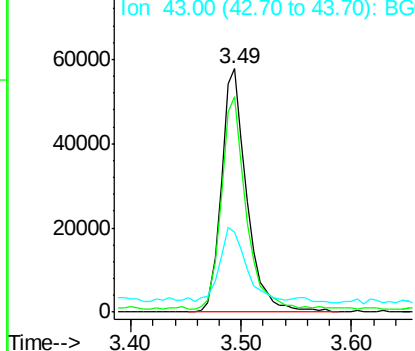
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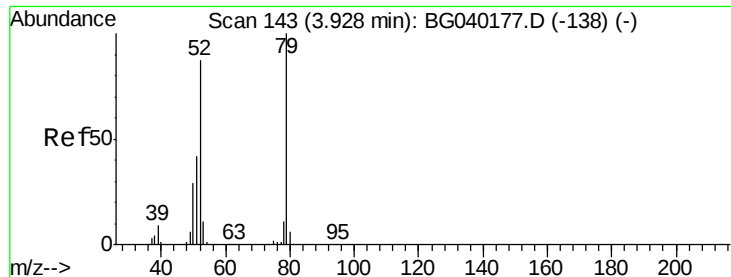
1,4-Dioxane
Concen: 60.269 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.03 min
Lab File: BG040366.D
Acq: 4 Apr 2019 19:18

Tgt Ion: 88 Resp: 92622
Ion Ratio Lower Upper
88 100
58 84.5 70.6 106.0
43 30.6 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: 38.775 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Instrument :

BNA_G

ClientSampled :

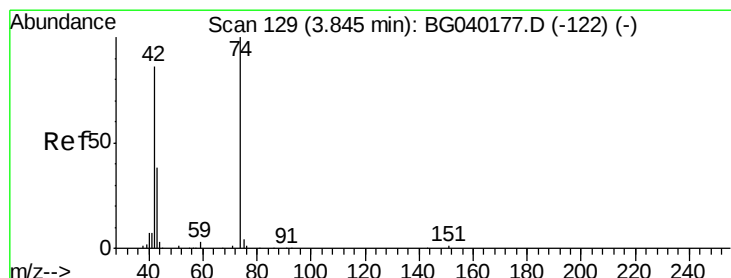
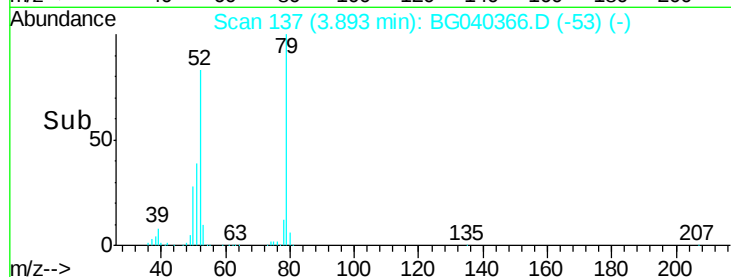
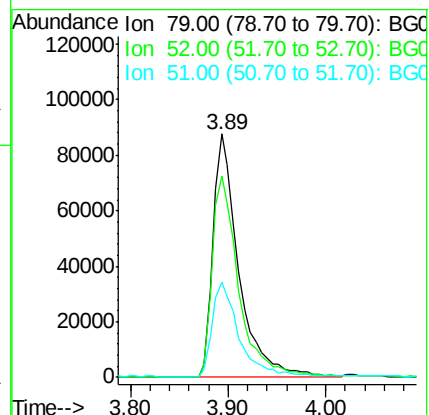
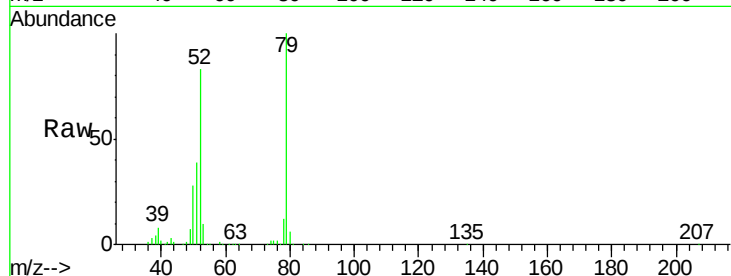
Tot Ion: 79 Resp: 160443

Ion Ratio Lower Upper

79 100

52 82.9 69.8 104.8

51 39.1 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 37.406 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

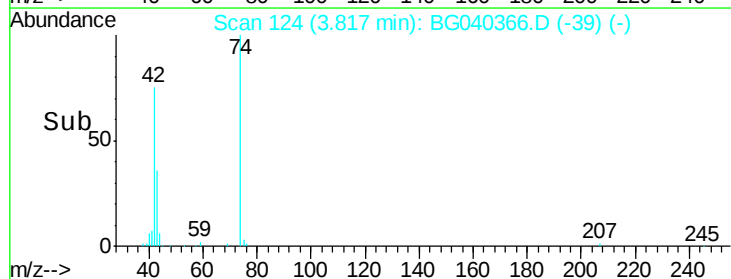
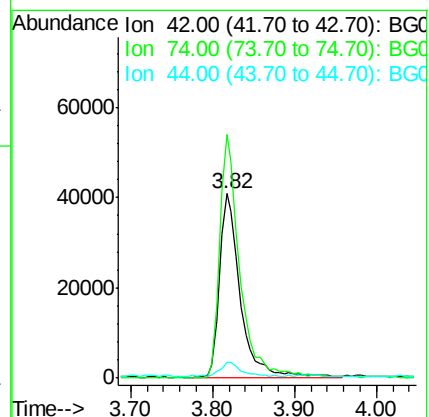
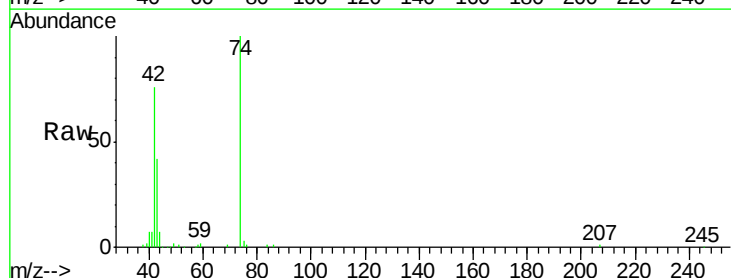
Tgt Ion: 42 Resp: 71596

Ion Ratio Lower Upper

42 100

74 132.2 92.9 139.3

44 8.8 9.7 14.5#





#5

2-Fluorophenol

Concen: 131.557 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Instrument :

BNA_G

ClientSampleId :

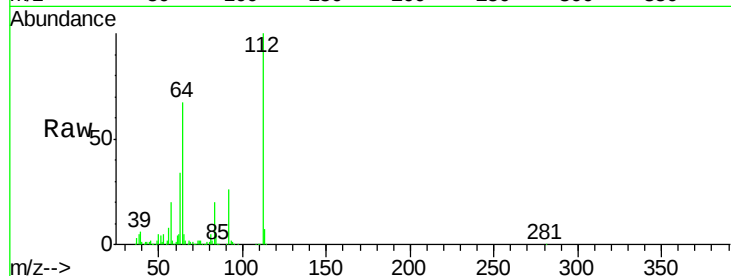
Tot Ion:112 Resp: 429972

Ion Ratio Lower Upper

112 100

64 67.0 54.2 81.2

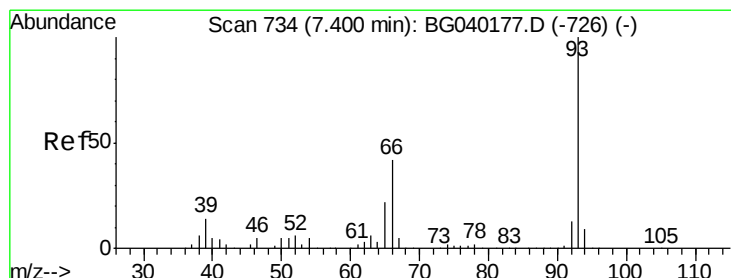
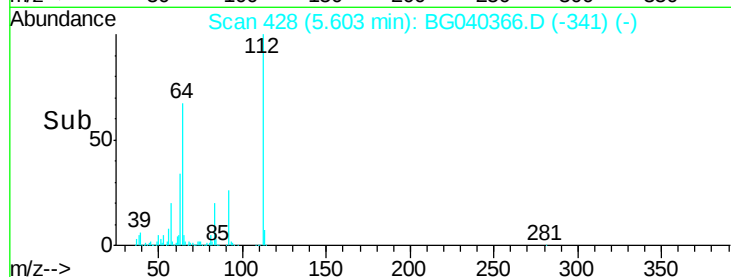
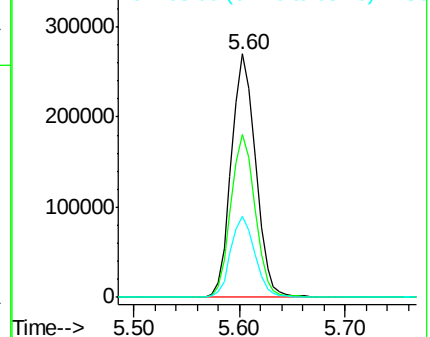
63 33.5 26.4 39.6



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: 25.828 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

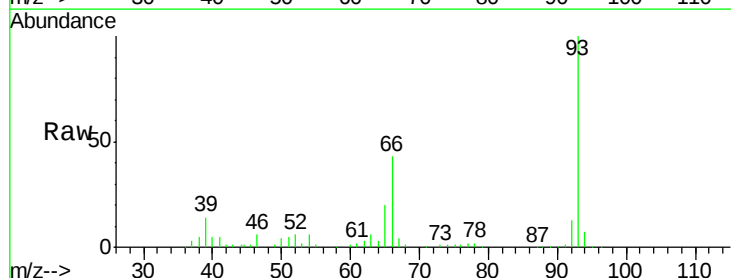
Tgt Ion: 93 Resp: 151567

Ion Ratio Lower Upper

93 100

66 43.0 33.6 50.4

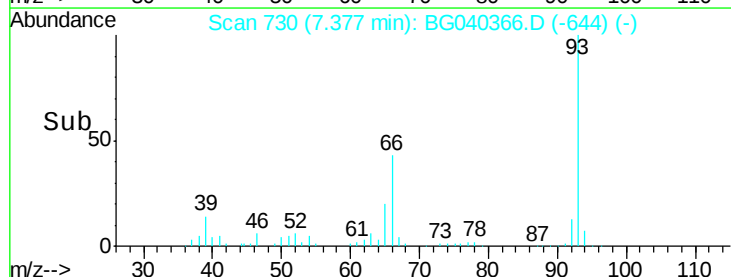
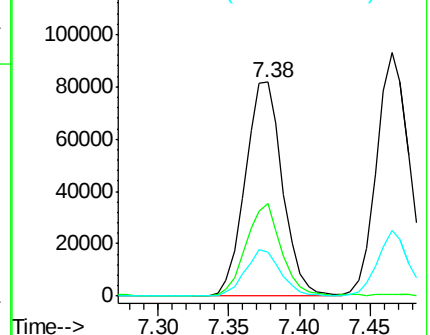
65 20.4 17.4 26.2

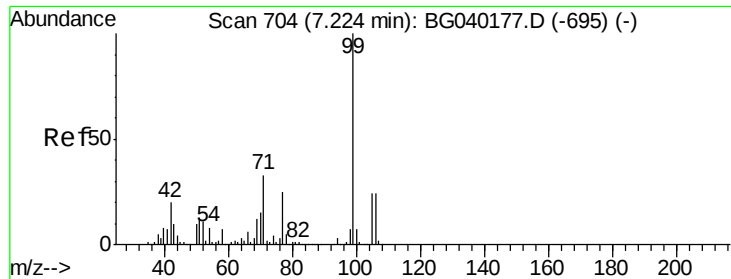


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.420 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Instrument :

BNA_G

ClientSampleId :

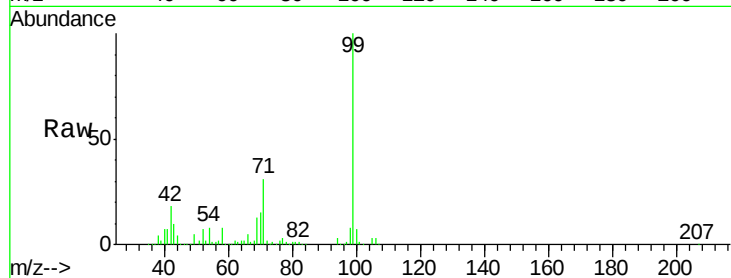
Tot Ion: 99 Resp: 571025

Ion Ratio Lower Upper

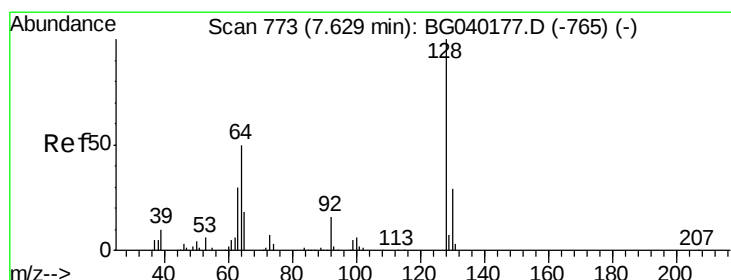
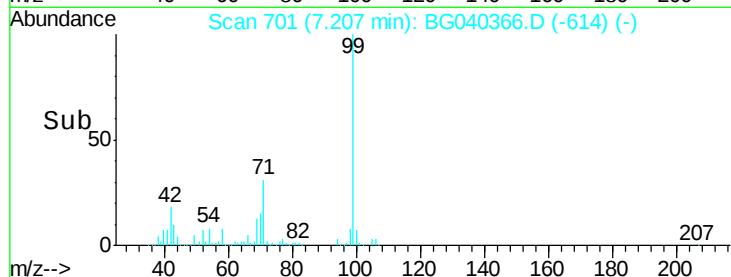
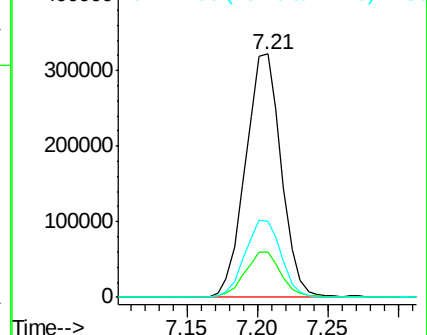
99 100

42 18.4 16.2 24.2

71 31.4 26.8 40.2



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



#8

2-Chlorophenol

Concen: 40.413 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

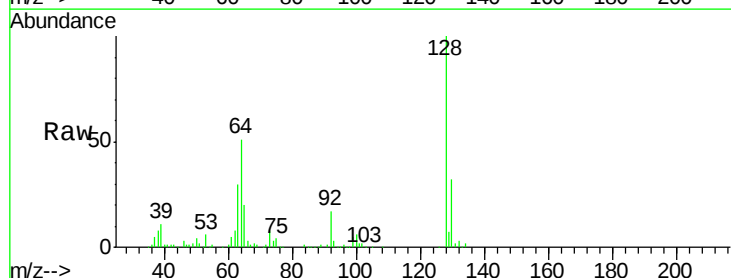
Tgt Ion: 128 Resp: 154615

Ion Ratio Lower Upper

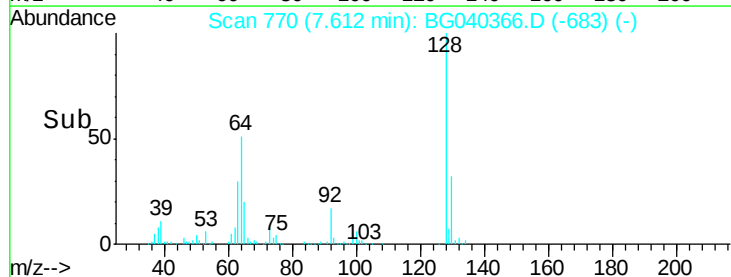
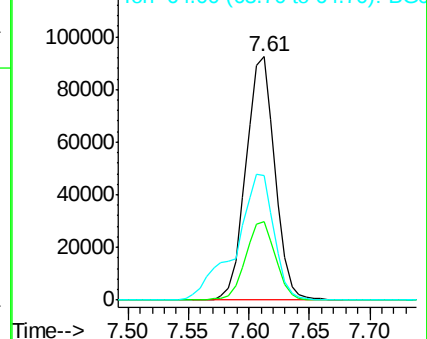
128 100

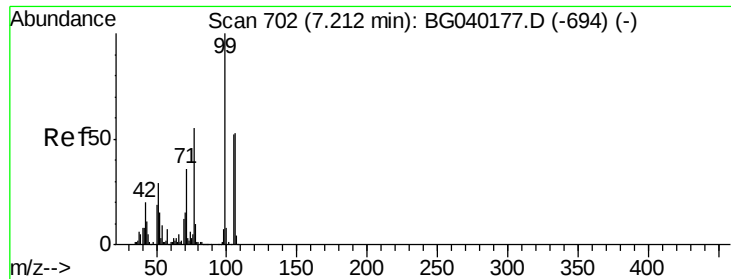
130 32.3 9.1 49.1

64 51.1 33.1 73.1



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





#9

Benzaldehyde

Concen: 14.279 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

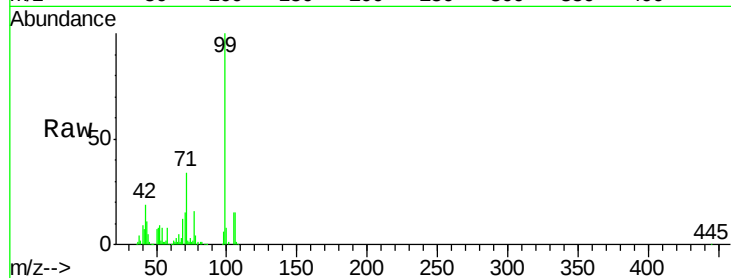
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 44240

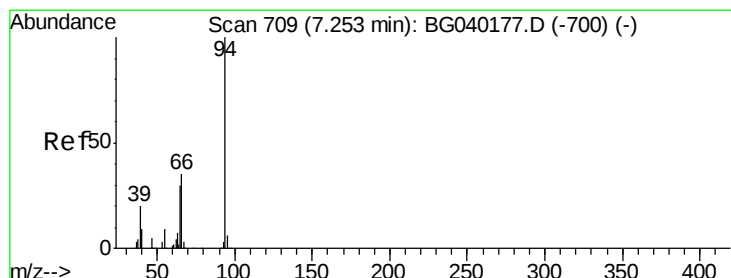
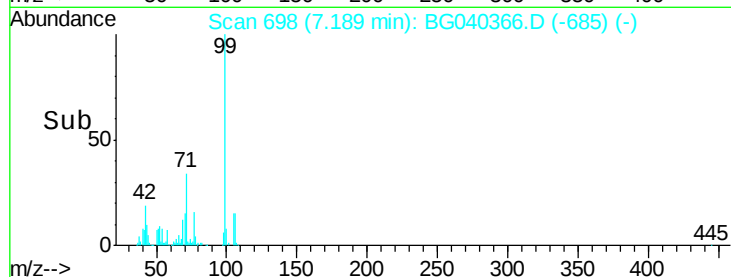
Ion	Ratio	Lower	Upper
77	100		
105	96.5	75.0	115.0
106	90.9	75.7	115.7



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: 41.637 ng

RT: 7.23 min Scan# 705

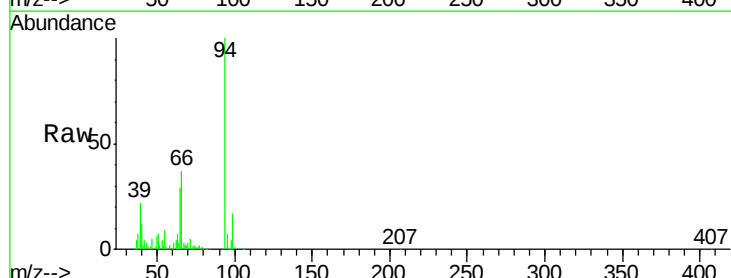
Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Tgt Ion: 94 Resp: 204133

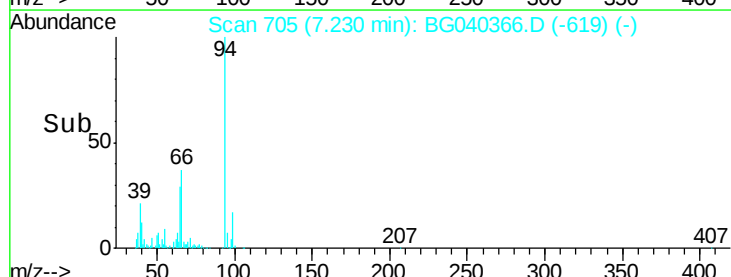
Ion	Ratio	Lower	Upper
94	100		
65	28.5	10.5	50.5
66	37.3	16.9	56.9

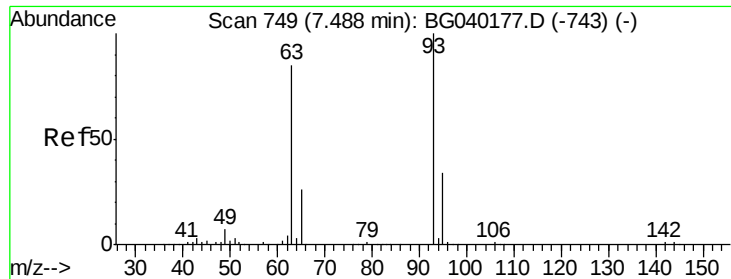


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

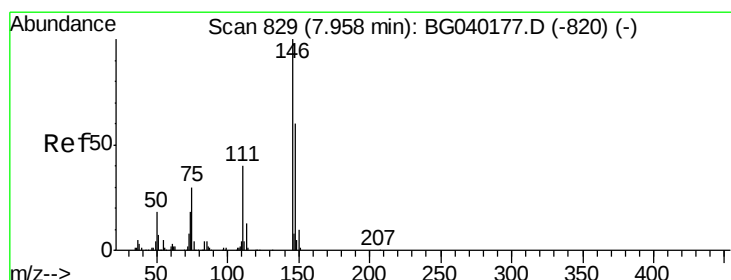
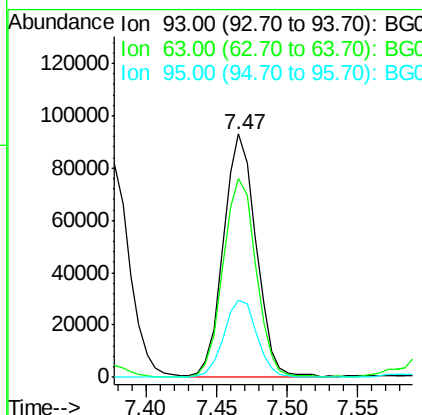
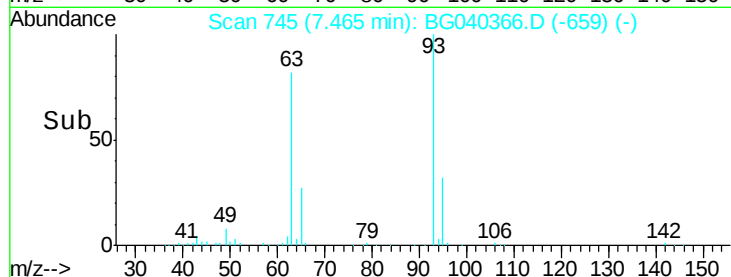
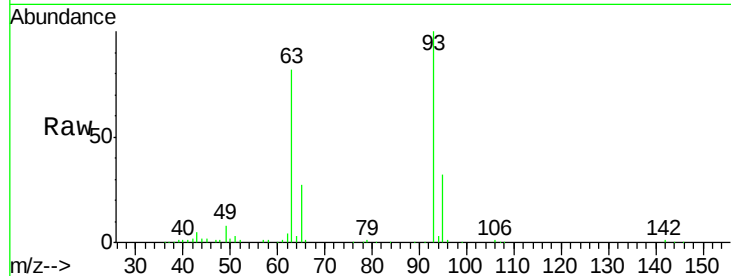




#11
 bis(2-Chloroethyl)ether
 Concen: 37.989 ng
 RT: 7.47 min Scan# 745
 Delta R.T. -0.02 min
 Lab File: BG040366.D
 Acq: 4 Apr 2019 19:18

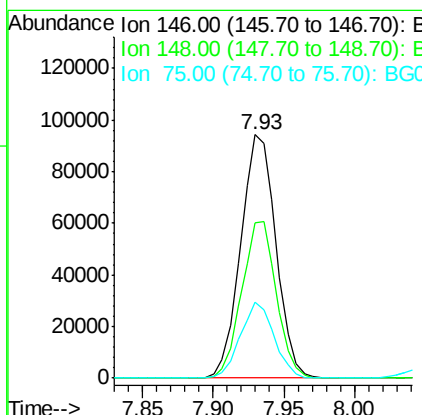
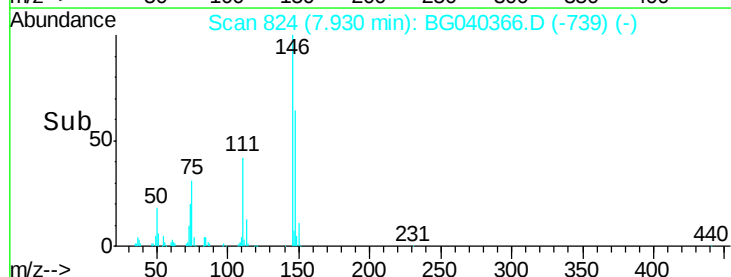
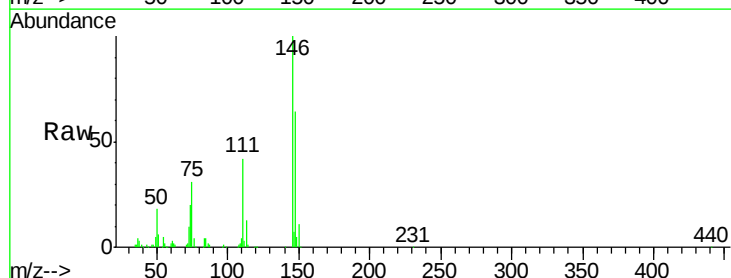
Instrument :
 BNA_G
 ClientSampleId :

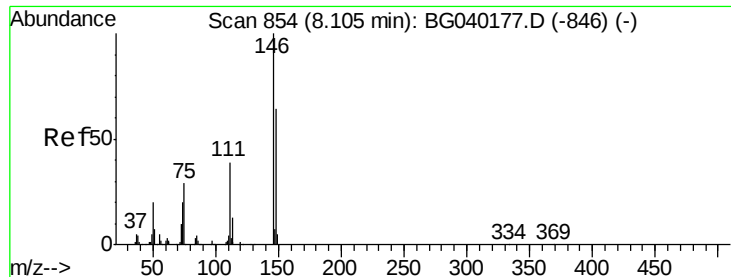
Tot Ion: 93 Resp: 149175
 Ion Ratio Lower Upper
 93 100
 63 81.7 64.2 104.2
 95 31.6 14.0 54.0



#12
 1,3-Dichlorobenzene
 Concen: 39.522 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.03 min
 Lab File: BG040366.D
 Acq: 4 Apr 2019 19:18

Tgt Ion: 146 Resp: 164369
 Ion Ratio Lower Upper
 146 100
 148 64.0 48.2 72.2
 75 31.5 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 39.475 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Instrument :

BNA_G

ClientSampled :

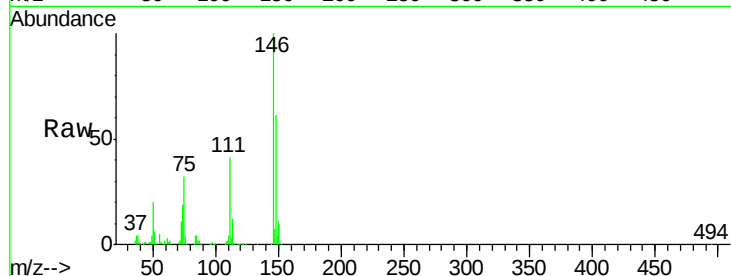
Tot Ion:146 Resp: 163517

Ion Ratio Lower Upper

146 100

148 61.1 51.0 76.4

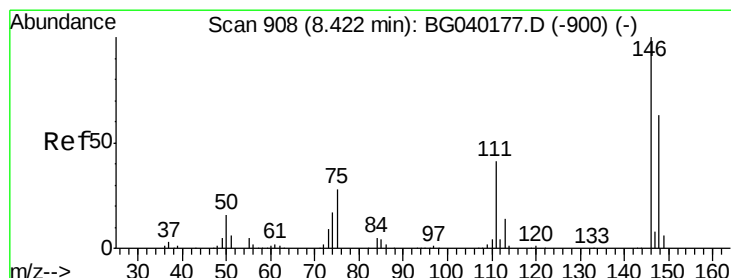
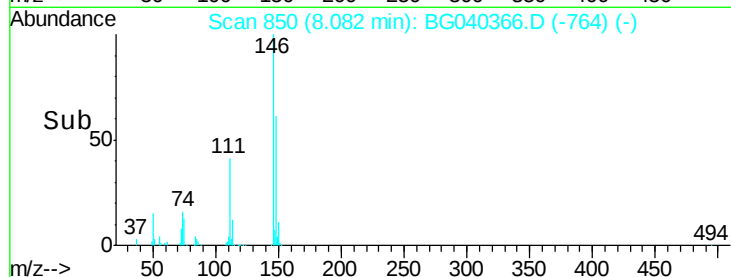
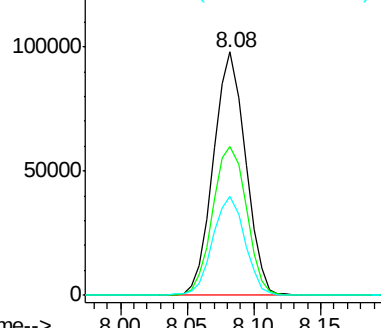
111 40.8 31.8 47.6



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: 39.076 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

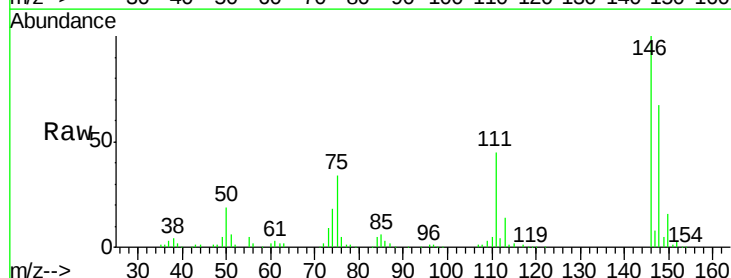
Tgt Ion:146 Resp: 154789

Ion Ratio Lower Upper

146 100

148 66.7 50.8 76.2

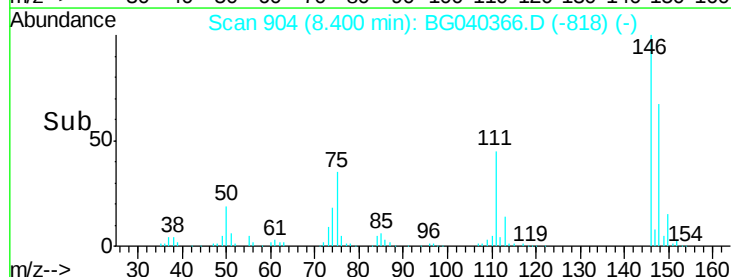
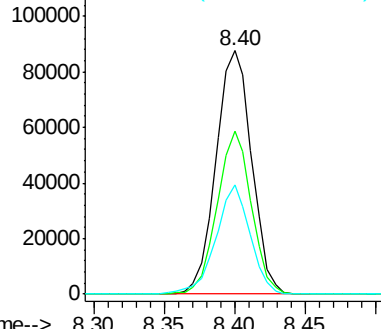
111 44.9 33.4 50.0



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: 36.867 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Instrument :

BNA_G

ClientSampled :

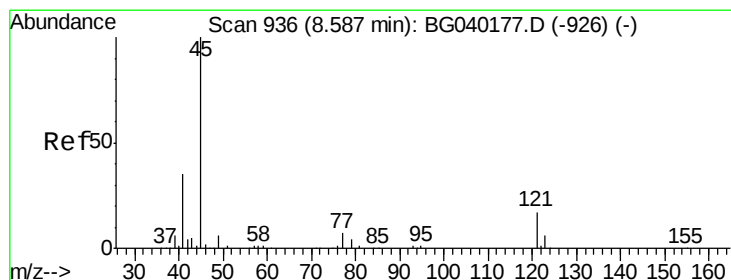
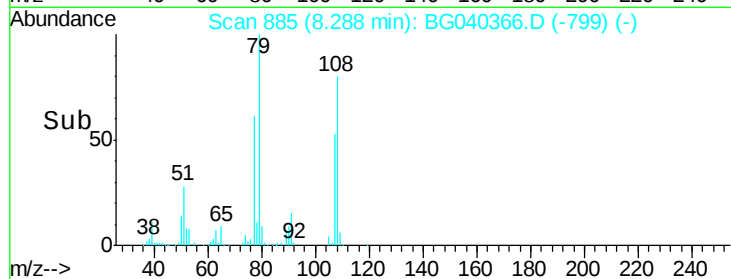
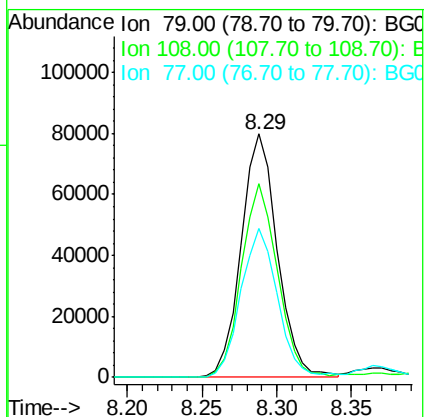
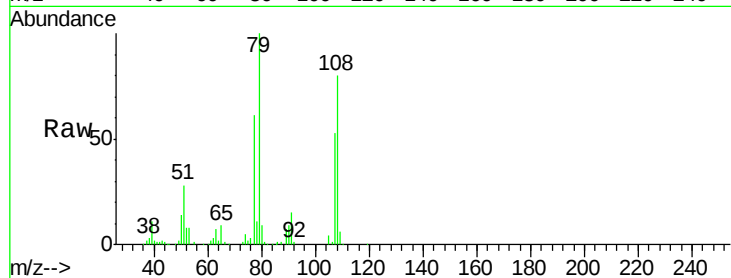
Tot Ion: 79 Resp: 134110

Ion Ratio Lower Upper

79 100

108 79.6 62.1 93.1

77 61.1 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.819 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

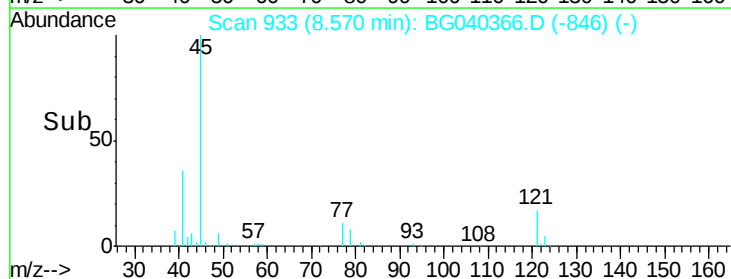
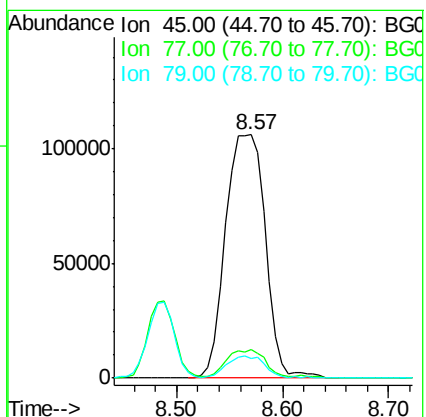
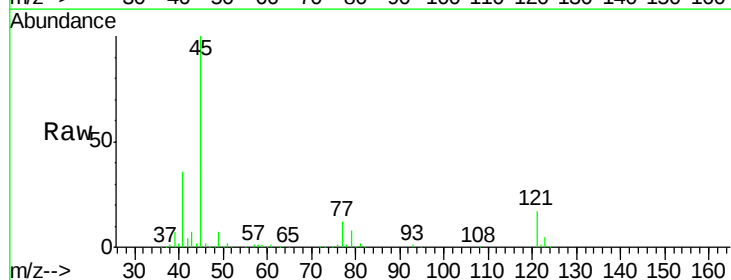
Tgt Ion: 45 Resp: 277476

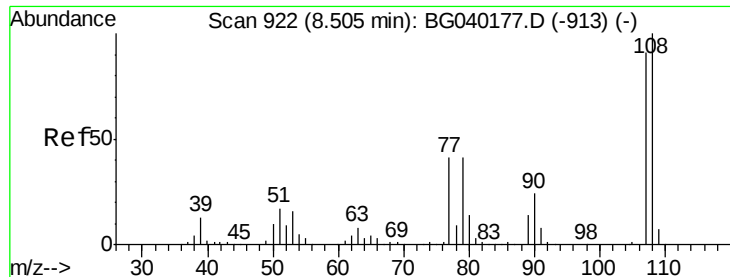
Ion Ratio Lower Upper

45 100

77 11.6 0.0 31.4

79 8.2 0.0 28.3

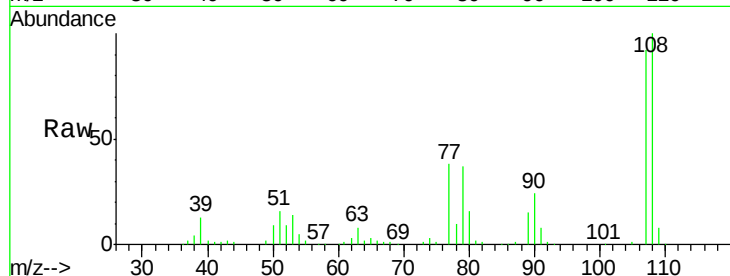




#17
2-Methylphenol
Concen: 40.220 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG040366.D
Acq: 4 Apr 2019 19:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.2	88.2	132.4
77	41.5	36.6	55.0
79	40.9	36.5	54.7



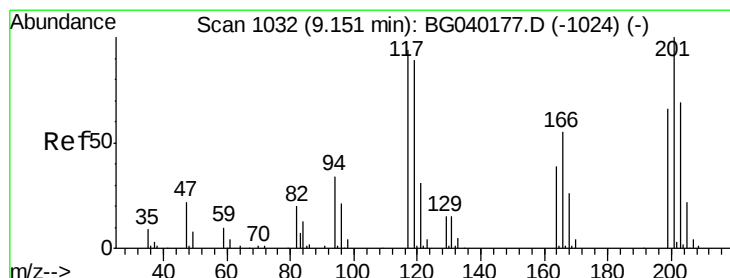
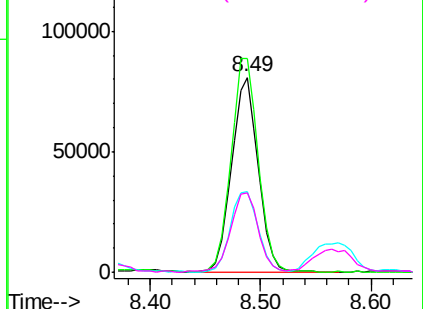
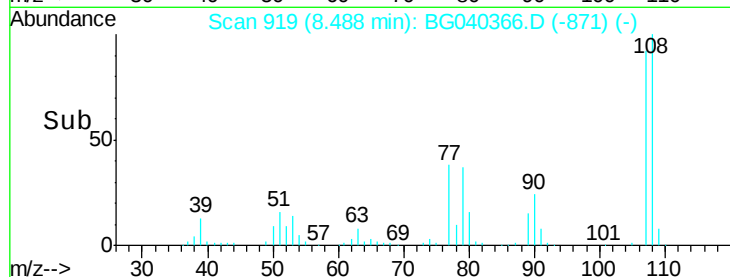
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

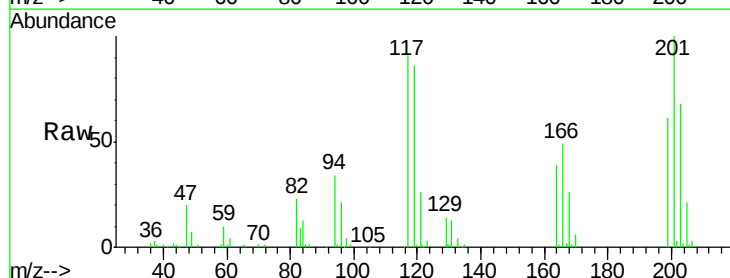
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.670 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040366.D
Acq: 4 Apr 2019 19:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.6	115.0
201	109.8	85.0	127.4

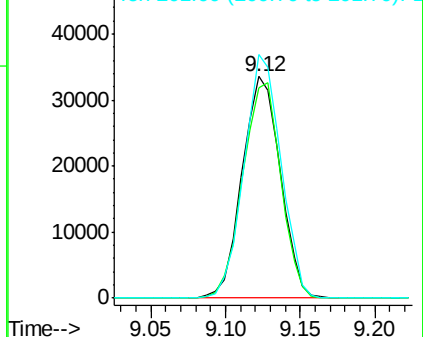
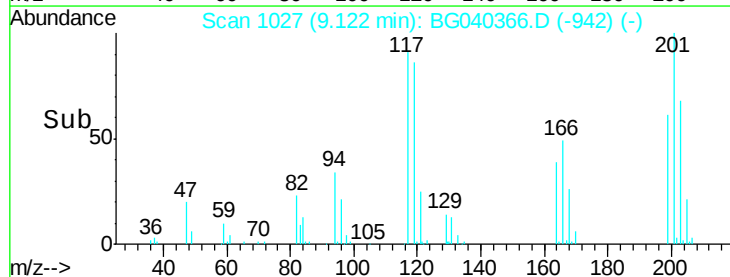


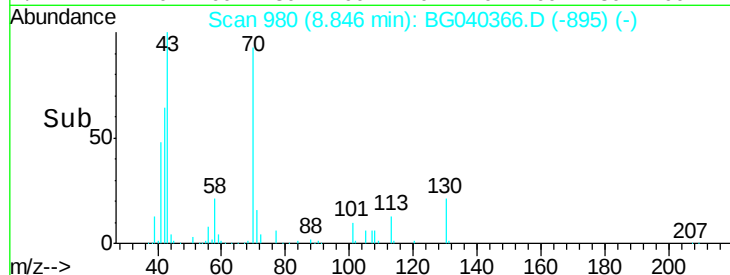
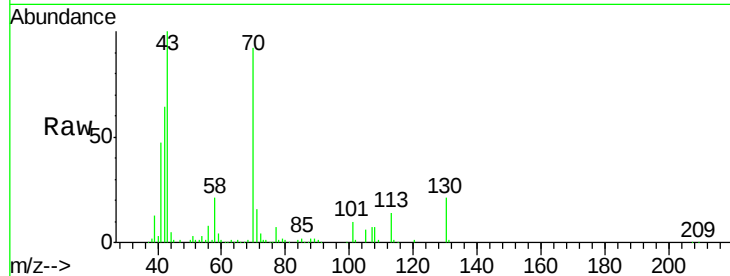
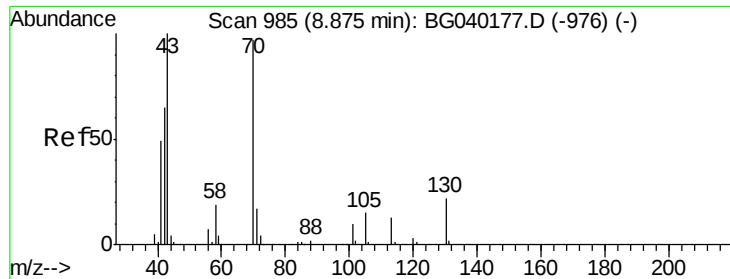
Abundance

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

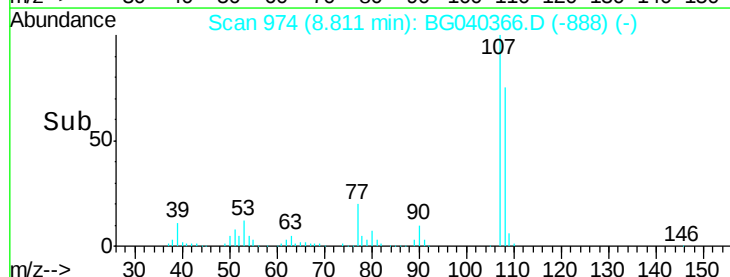
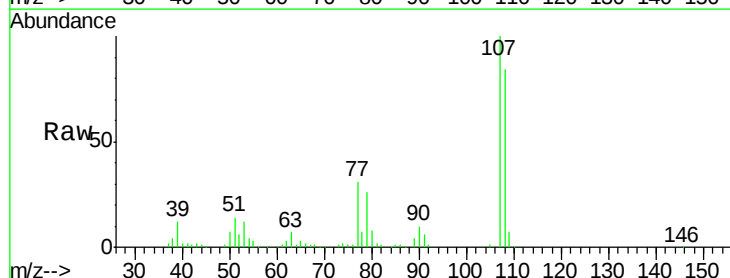
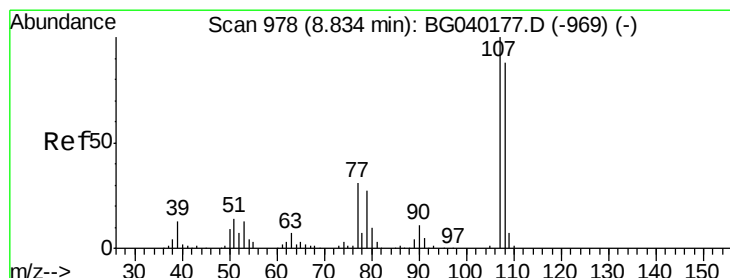
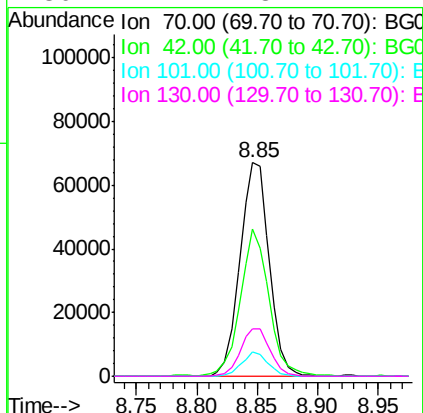




#19
n-Nitroso-di-n-propylamine
Concen: 34.910 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040366.D
Acq: 4 Apr 2019 19:18

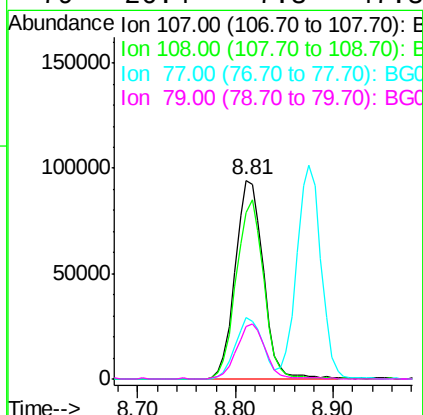
Instrument :
BNA_G
ClientSampleId :

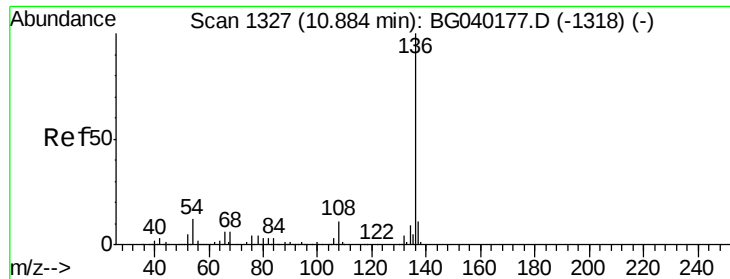
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.1	54.0	81.0	
101	11.2	8.6	13.0	
130	22.4	18.2	27.2	



#20
3+4-Methylphenols
Concen: 41.094 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040366.D
Acq: 4 Apr 2019 19:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.2	68.3	108.3	
77	31.1	11.3	51.3	
79	26.4	7.3	47.3	

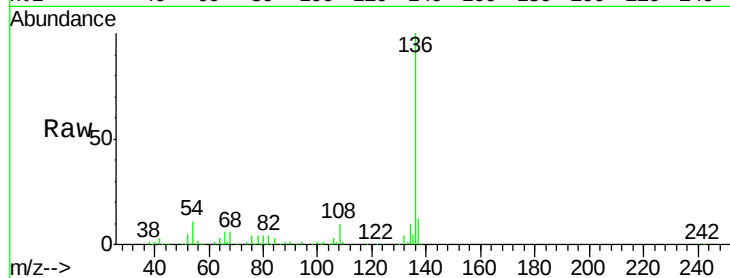




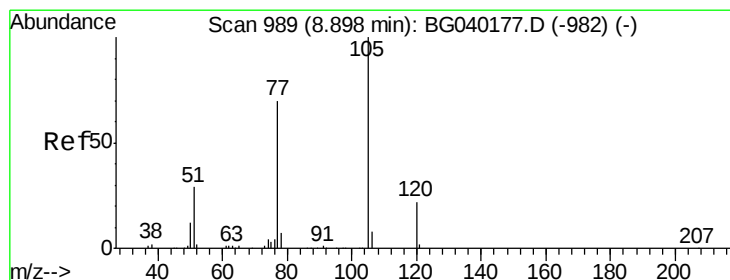
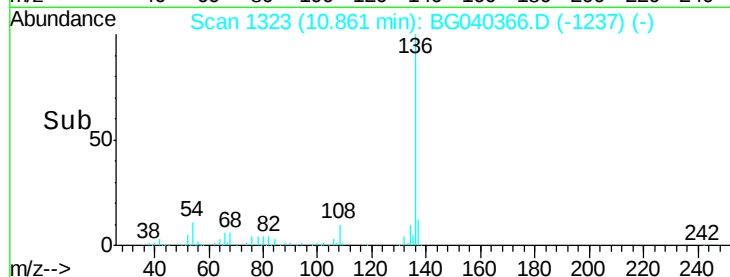
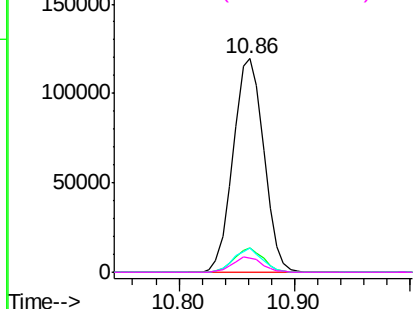
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040366.D
Acq: 4 Apr 2019 19:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	219678
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.9 13.3
54	11.1	9.6 14.4
68	6.5	5.1 7.7

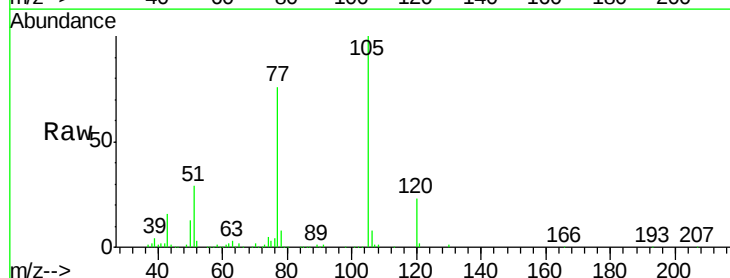


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

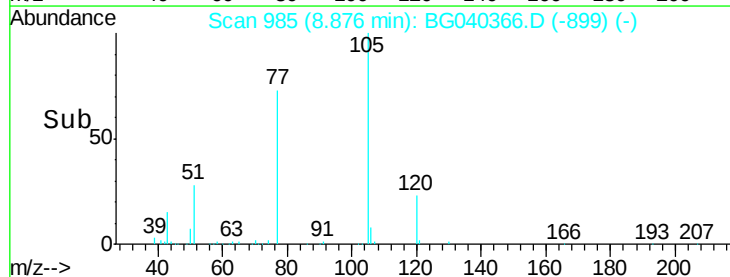
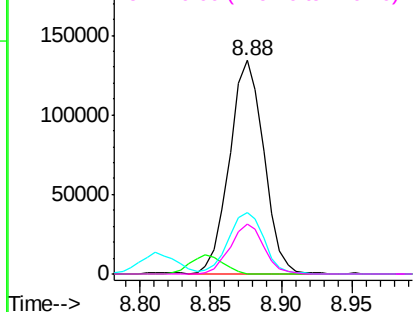


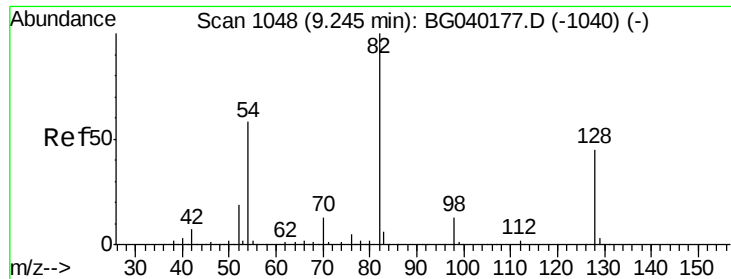
#22
Acetophenone
Concen: 41.357 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040366.D
Acq: 4 Apr 2019 19:18

Tgt Ion:105	Resp:	226628
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.6 1.0#
51	28.9	25.1 37.7
120	23.3	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

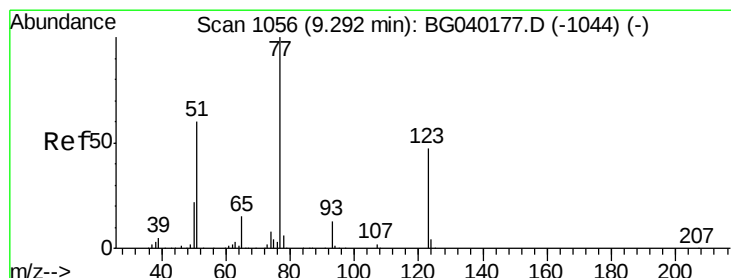
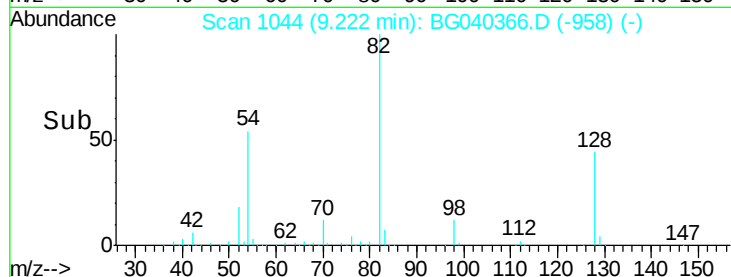
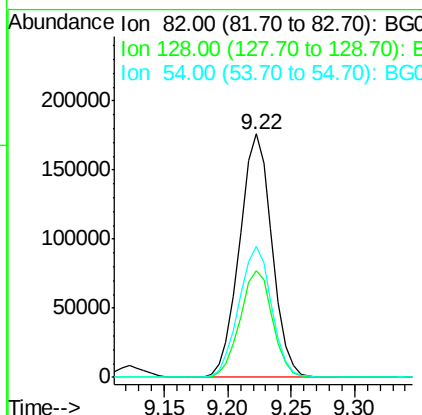
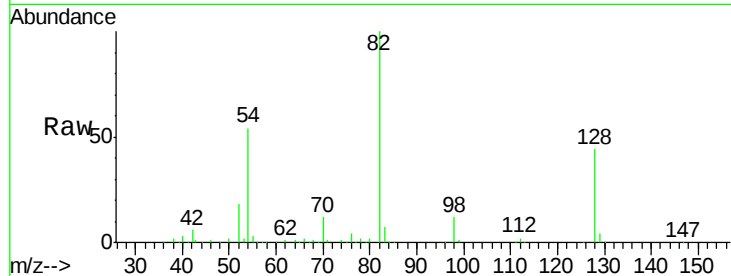




#23
 Nitrobenzene-d5
 Concen: 75.601 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040366.D
 Acq: 4 Apr 2019 19:18

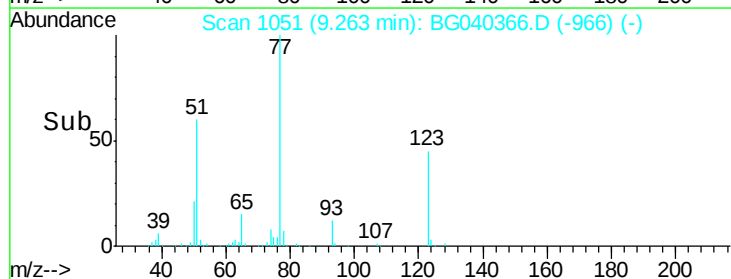
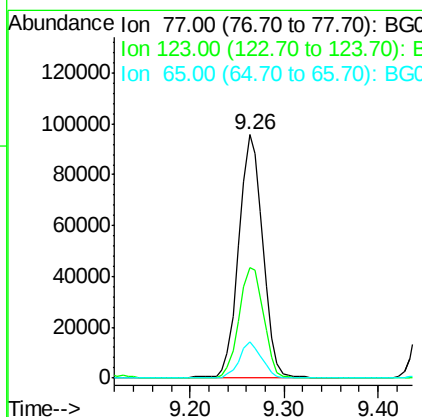
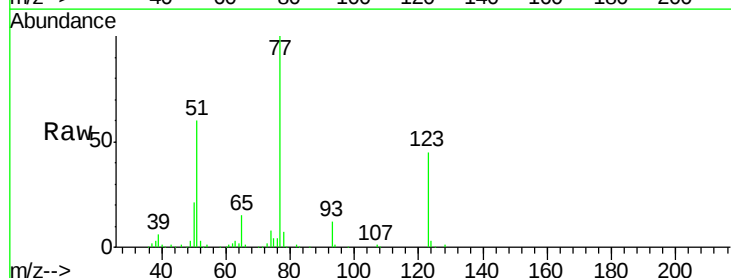
Instrument :
 BNA_G
 ClientSampled :

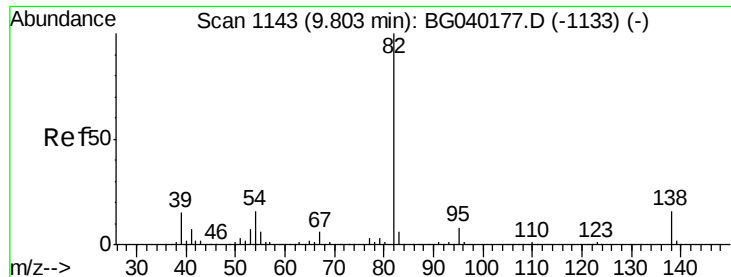
Tot Ion: 82 Resp: 312452
 Ion Ratio Lower Upper
 82 100
 128 43.6 35.8 53.8
 54 53.5 46.2 69.2



#24
 Nitrobenzene
 Concen: 39.828 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040366.D
 Acq: 4 Apr 2019 19:18

Tgt Ion: 77 Resp: 170453
 Ion Ratio Lower Upper
 77 100
 123 45.1 37.8 56.6
 65 14.8 12.0 18.0





#25

Isophorone

Concen: 38.876 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Instrument :

BNA_G

ClientSampleId :

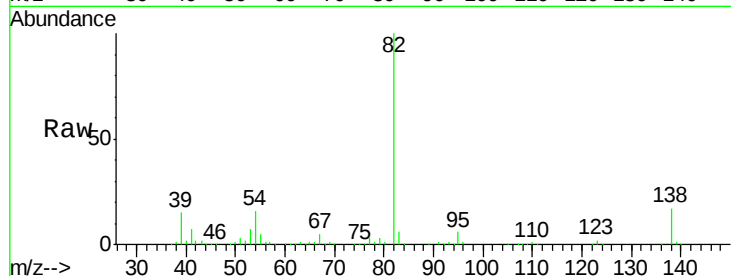
Tot Ion: 82 Resp: 330590

Ion Ratio Lower Upper

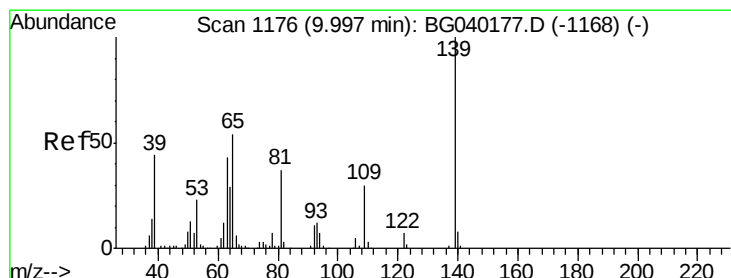
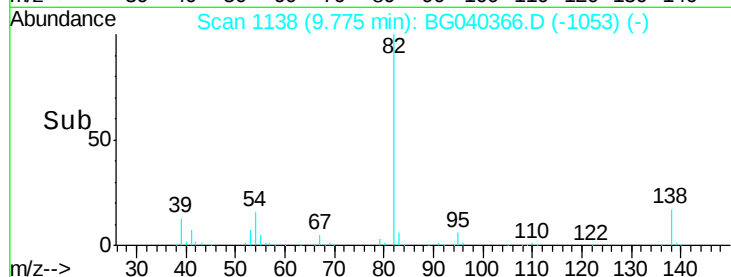
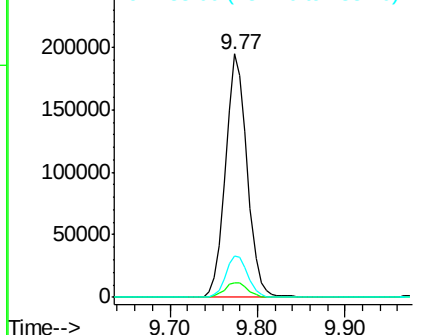
82 100

95 5.9 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: 41.900 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

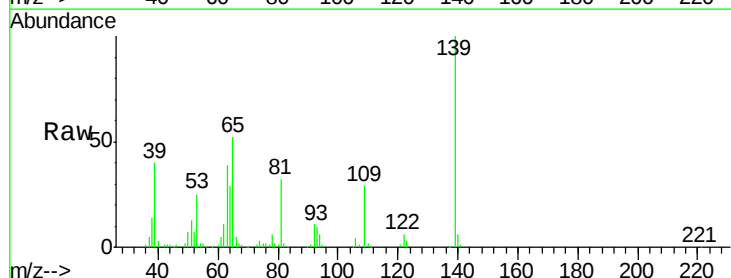
Tgt Ion: 139 Resp: 84970

Ion Ratio Lower Upper

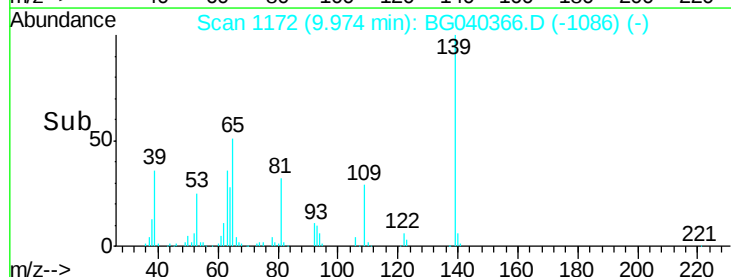
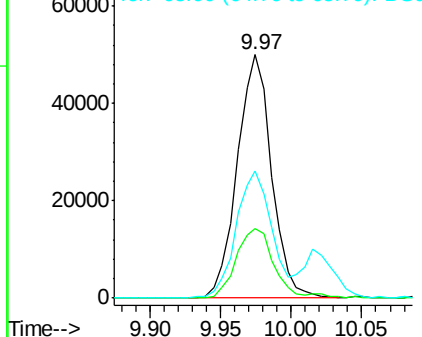
139 100

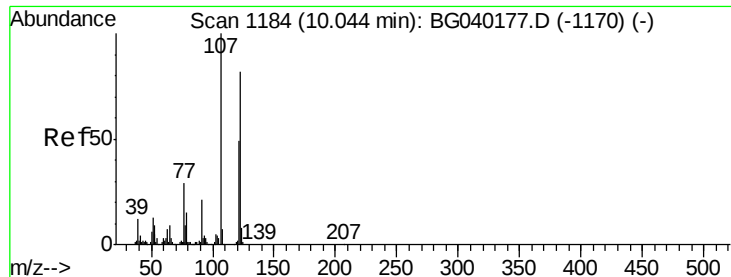
109 28.7 24.1 36.1

65 52.1 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

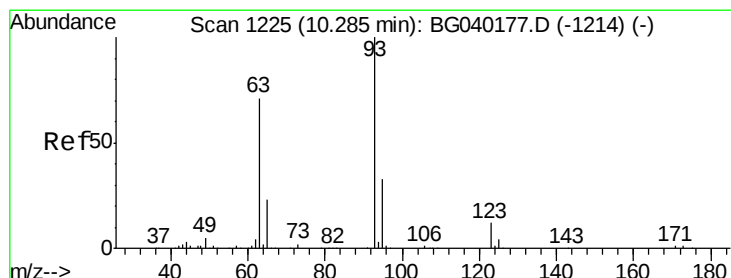
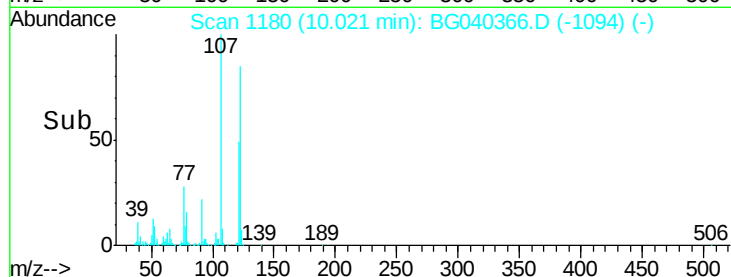
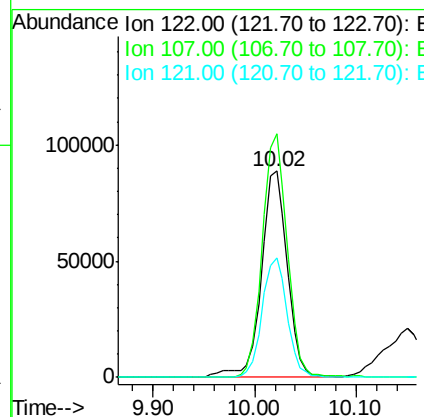
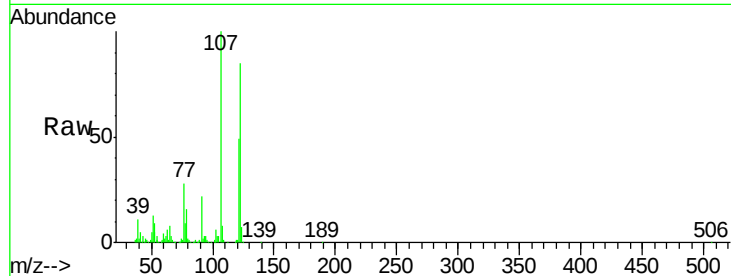




#27
 2,4-Dimethylphenol
 Concen: 48.949 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG040366.D
 Acq: 4 Apr 2019 19:18

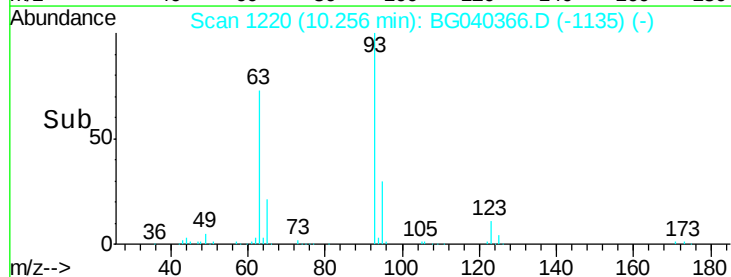
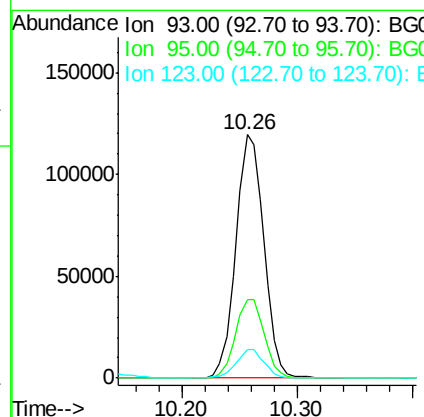
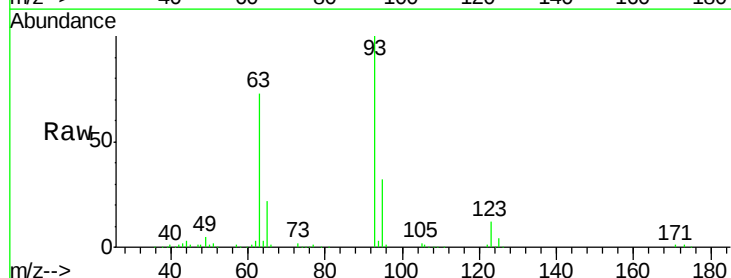
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 157676
 Ion Ratio Lower Upper
 122 100
 107 118.0 97.4 146.2
 121 58.0 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.861 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040366.D
 Acq: 4 Apr 2019 19:18

Tgt Ion: 93 Resp: 200543
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.2 39.4
 123 11.7 9.4 14.0

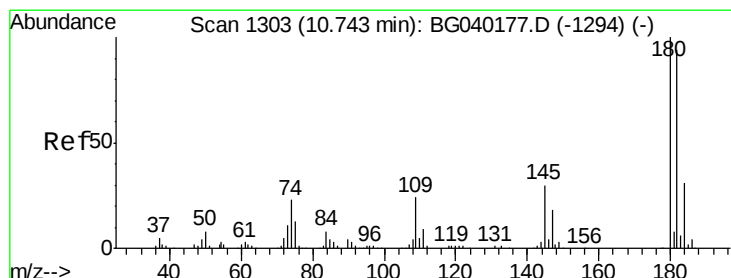
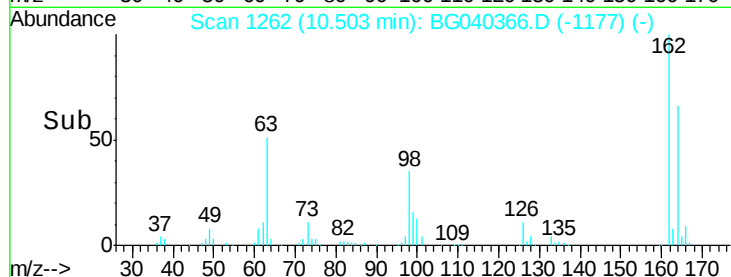
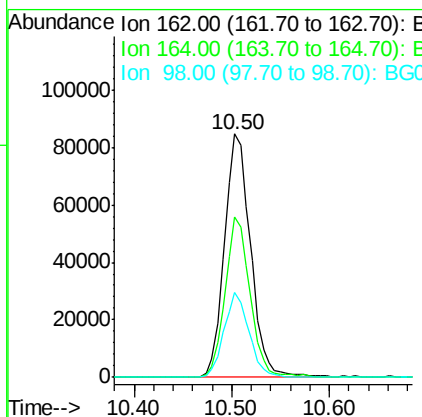
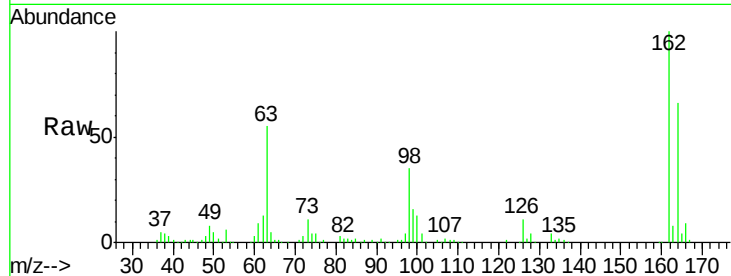




#29
 2,4-Dichlorophenol
 Concen: 45.113 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040366.D
 Acq: 4 Apr 2019 19:18

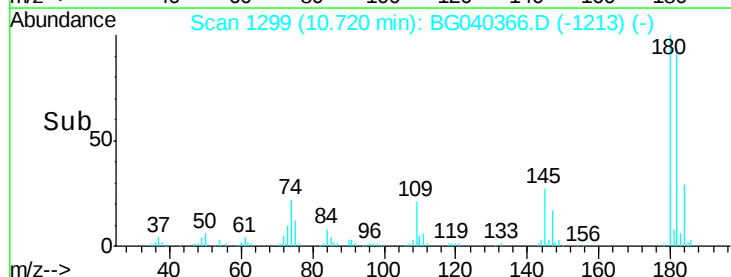
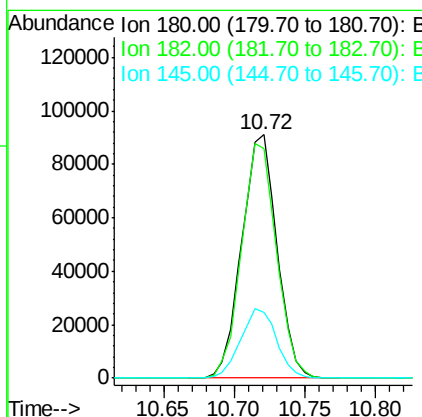
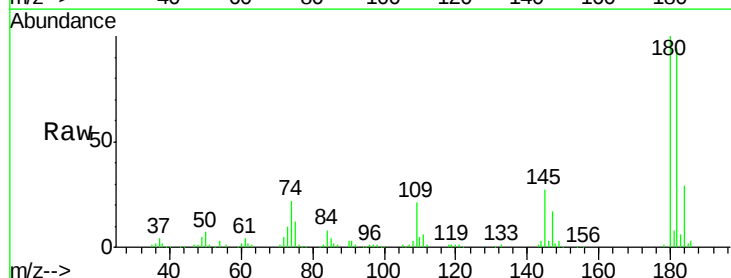
Instrument :
 BNA_G
 ClientSampled :

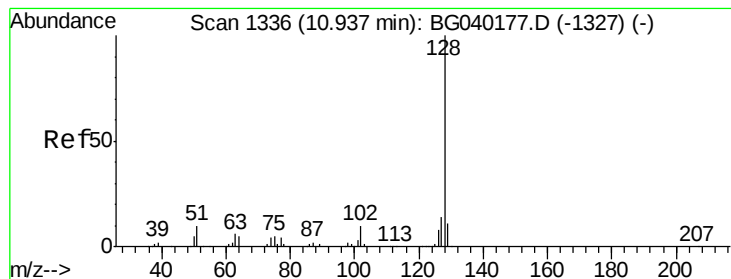
Tot Ion:162 Resp: 157734
 Ion Ratio Lower Upper
 162 100
 164 66.0 43.9 83.9
 98 34.9 15.6 55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 41.496 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG040366.D
 Acq: 4 Apr 2019 19:18

Tgt Ion:180 Resp: 159309
 Ion Ratio Lower Upper
 180 100
 182 94.0 75.1 112.7
 145 26.9 24.1 36.1





#31

Naphthalene

Concen: 41.501 ng

RT: 10.91 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Instrument :

BNA_G

ClientSampleId :

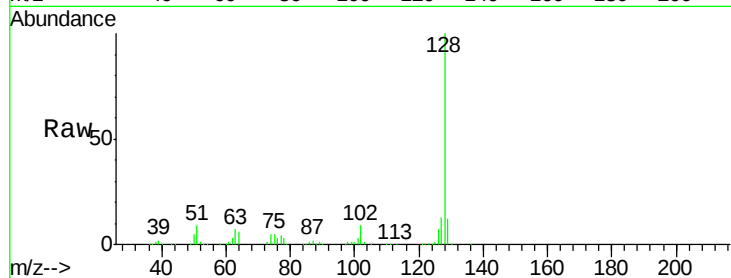
Tot Ion:128 Resp: 467301

Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

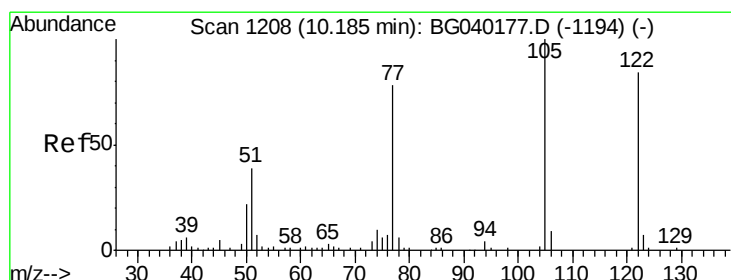
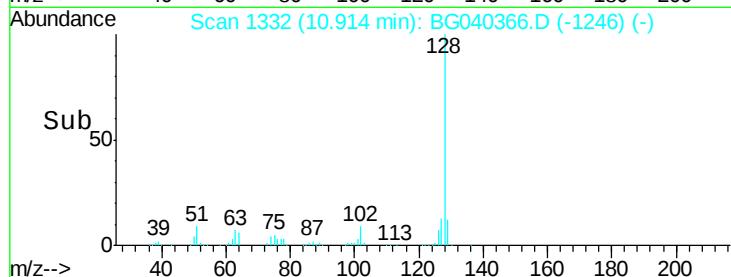
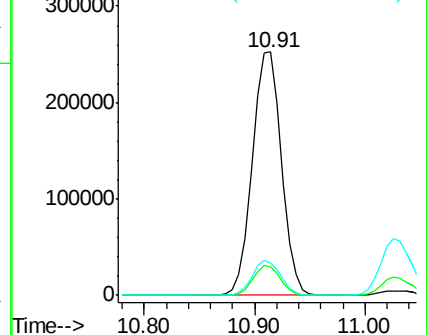
127 13.3 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.634 ng

RT: 10.15 min Scan# 1202

Delta R.T. -0.03 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

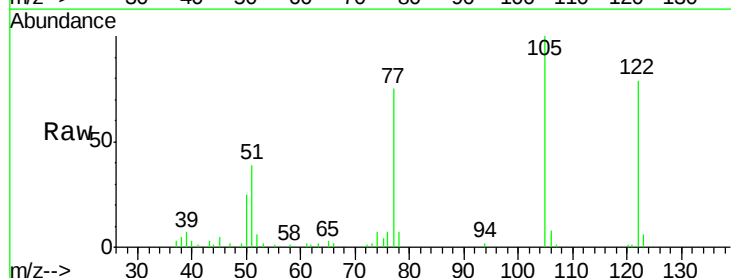
Tgt Ion:122 Resp: 61566

Ion Ratio Lower Upper

122 100

105 126.0 98.2 138.2

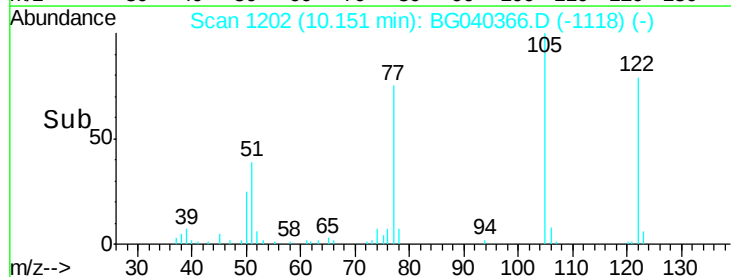
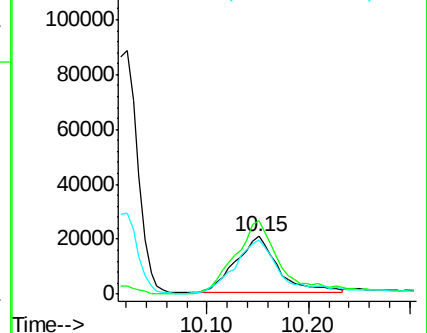
77 94.2 73.6 113.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

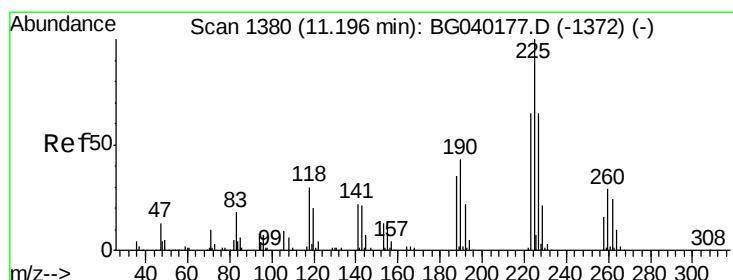
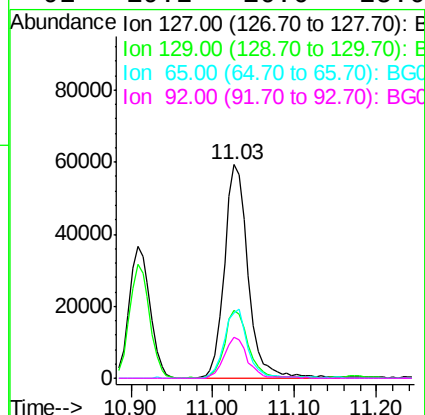
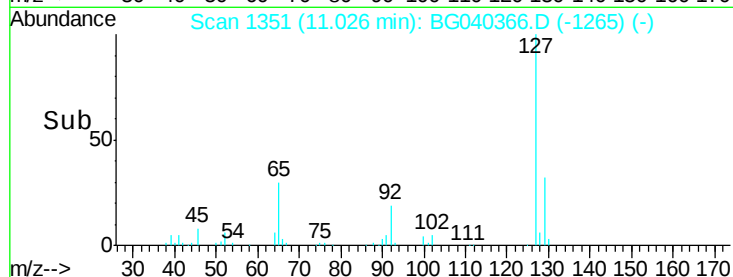
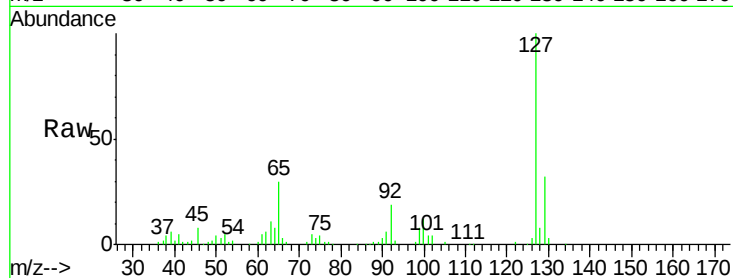




#33
4-Chloroaniline
Concen: 24.930 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040366.D
Acq: 4 Apr 2019 19:18

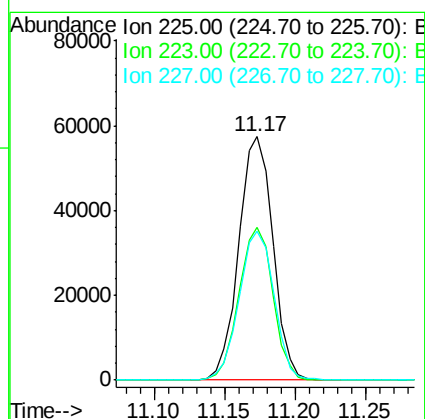
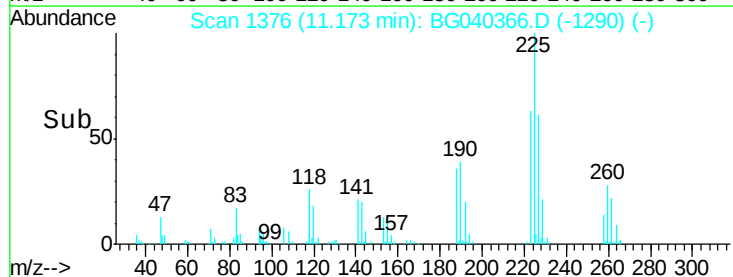
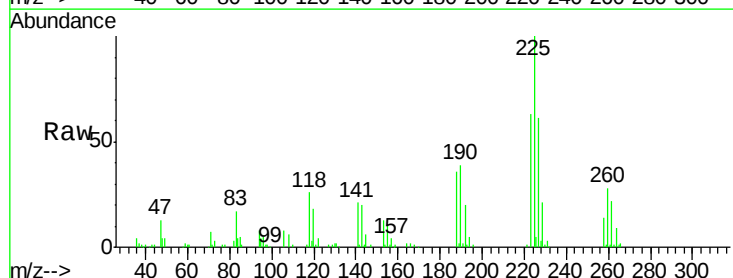
Instrument :
BNA_G
ClientSampleId :

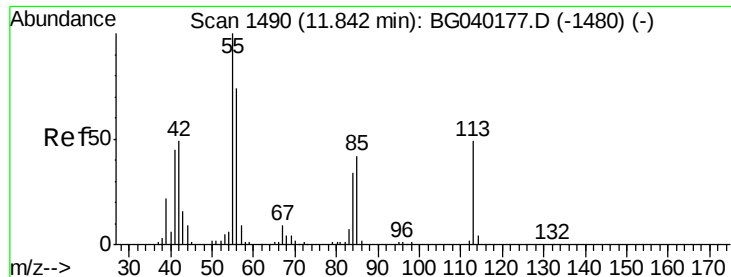
Tot Ion:	127	Resp:	119741
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.6	40.0
65	30.4	27.0	40.4
92	19.2	16.6	25.0



#34
Hexachlorobutadiene
Concen: 39.629 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040366.D
Acq: 4 Apr 2019 19:18

Tgt Ion:	225	Resp:	97303
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.8	77.8
227	61.4	54.9	82.3





#35

Caprolactam

Concen: 29.143 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.03 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Instrument :

BNA_G

ClientSampled :

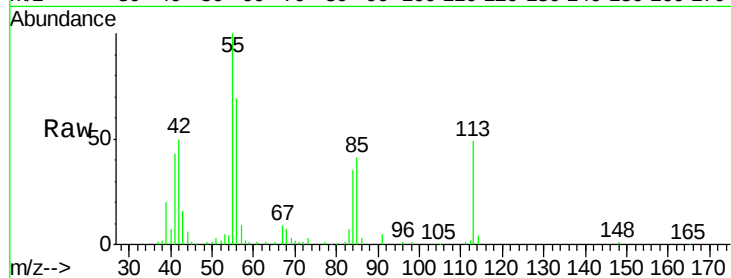
Tot Ion:113 Resp: 40436

Ion Ratio Lower Upper

113 100

55 203.3 184.2 224.2

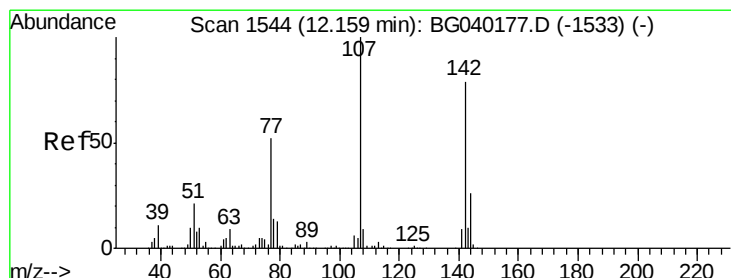
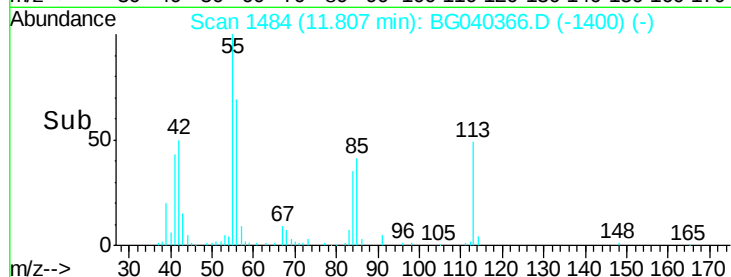
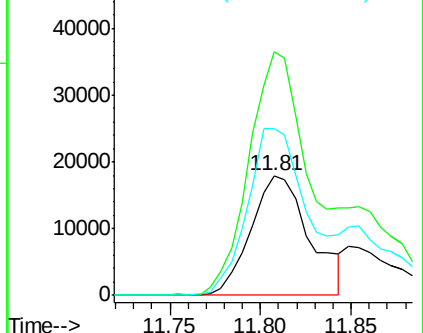
56 139.4 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.848 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

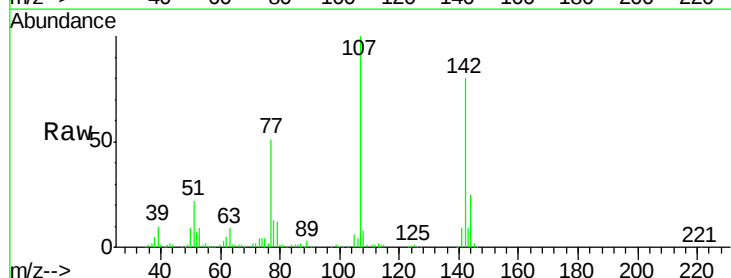
Tgt Ion:107 Resp: 172229

Ion Ratio Lower Upper

107 100

144 25.4 20.5 30.7

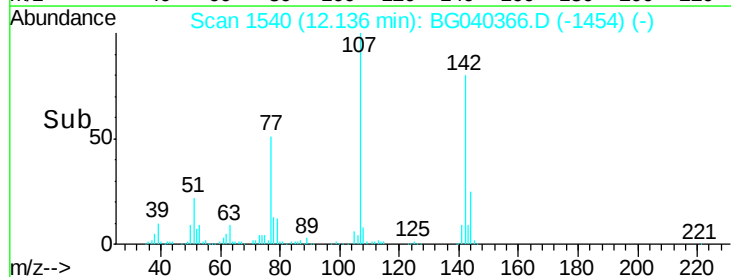
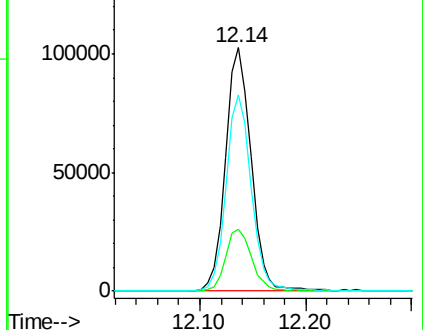
142 80.4 63.1 94.7

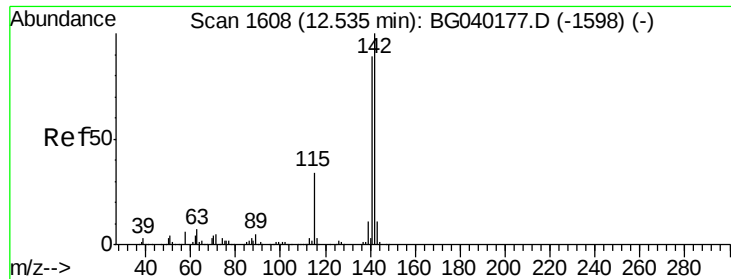


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

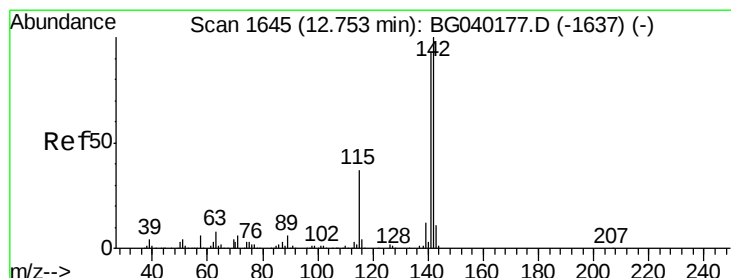
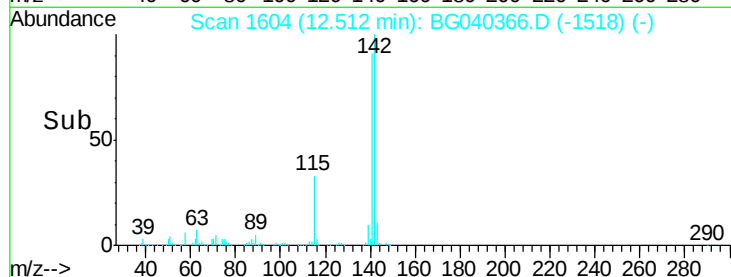
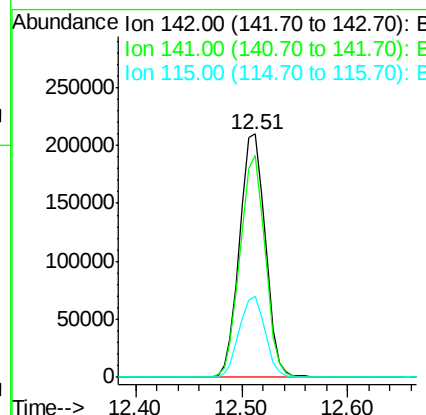
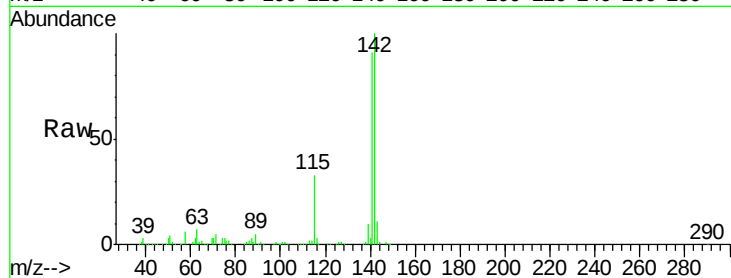




#37
 2-Methylnaphthalene
 Concen: 42.656 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BG040366.D
 Acq: 4 Apr 2019 19:18

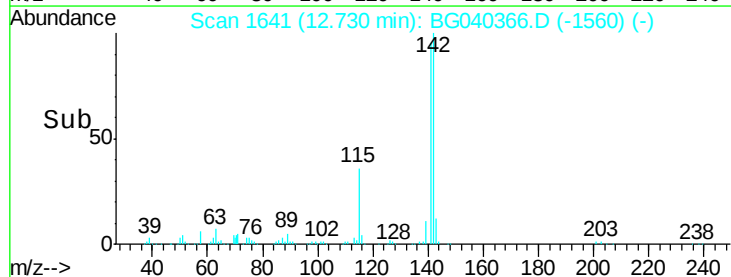
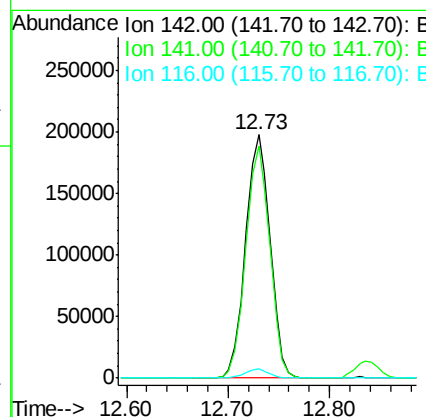
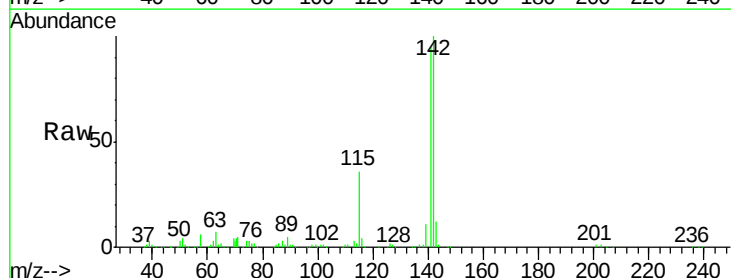
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:142 Resp: 355228
 Ion Ratio Lower Upper
 142 100
 141 90.9 71.0 106.6
 115 33.4 27.3 40.9



#38
 1-Methylnaphthalene
 Concen: 41.068 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG040366.D
 Acq: 4 Apr 2019 19:18

Tgt Ion:142 Resp: 331646
 Ion Ratio Lower Upper
 142 100
 141 95.2 74.2 111.4
 116 4.1 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Instrument :

BNA_G

ClientSampleId :

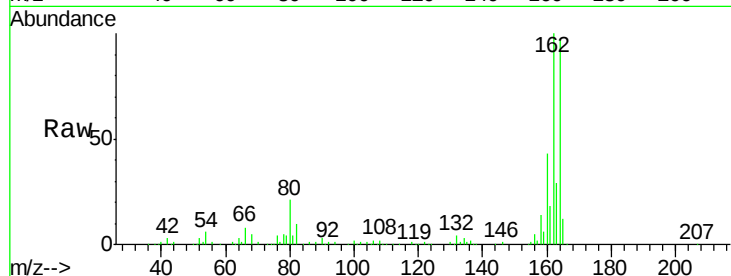
Tot Ion:164 Resp: 135056

Ion Ratio Lower Upper

164 100

162 102.7 77.4 116.2

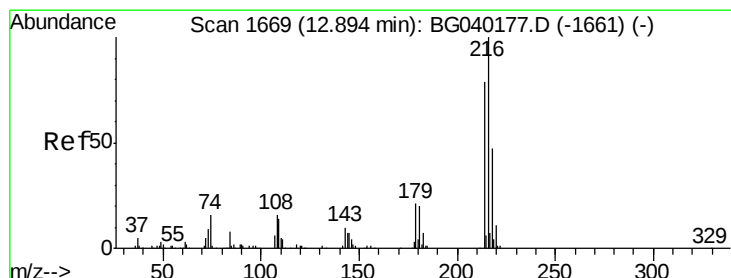
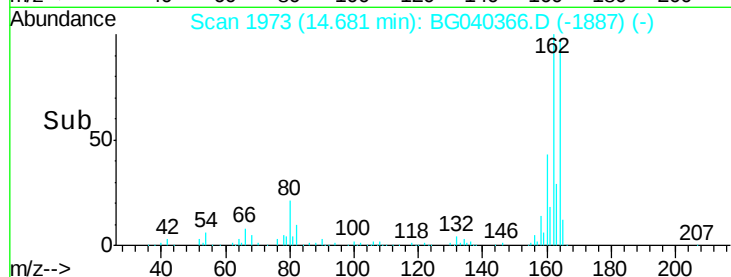
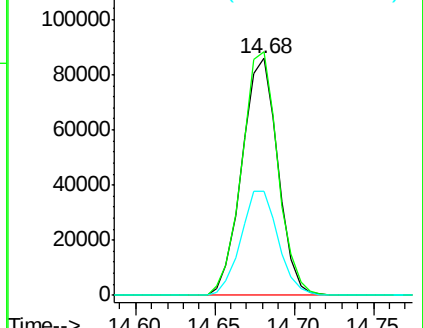
160 44.0 35.3 52.9



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: 41.536 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Tgt Ion:216 Resp: 178295

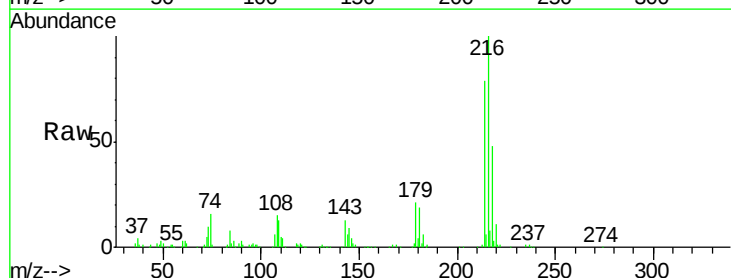
Ion Ratio Lower Upper

216 100

214 79.7 63.5 95.3

179 20.6 16.6 25.0

108 19.3 13.8 20.8

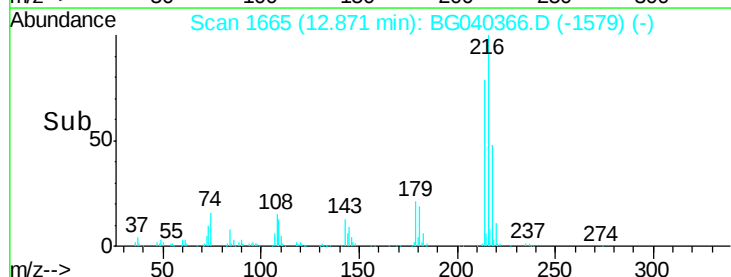
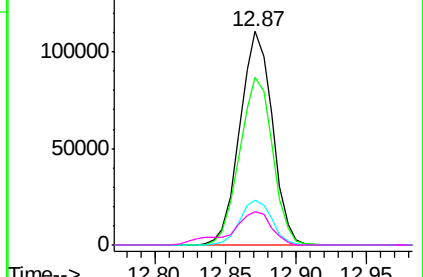


Abundance Ion 216.00 (215.70 to 216.70): E

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

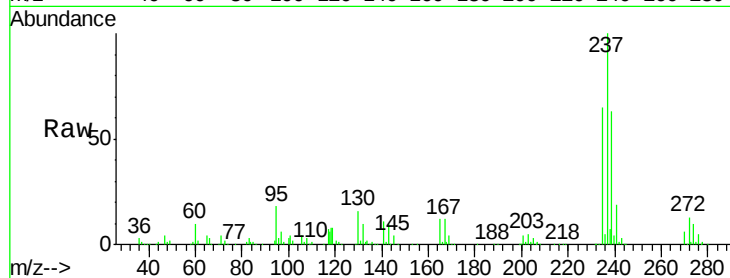




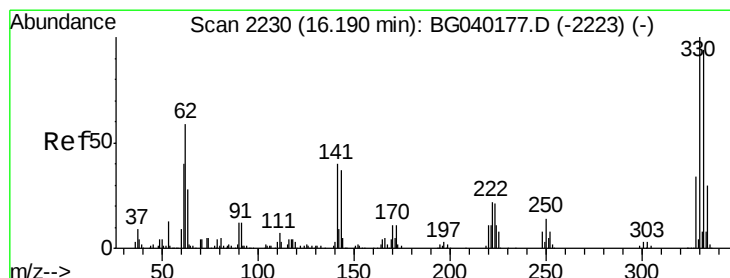
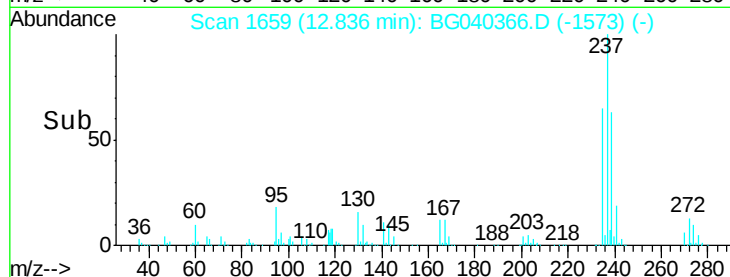
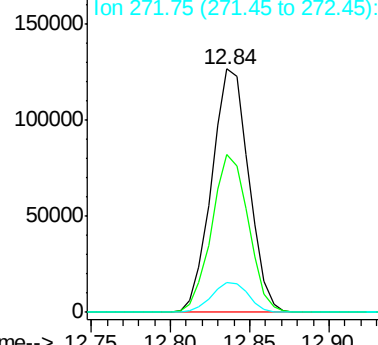
#41
Hexachlorocyclopentadiene
Concen: 87.210 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BG040366.D
Acq: 4 Apr 2019 19:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 205548
Ion Ratio Lower Upper
237 100
235 65.0 46.2 86.2
272 12.5 0.0 30.5

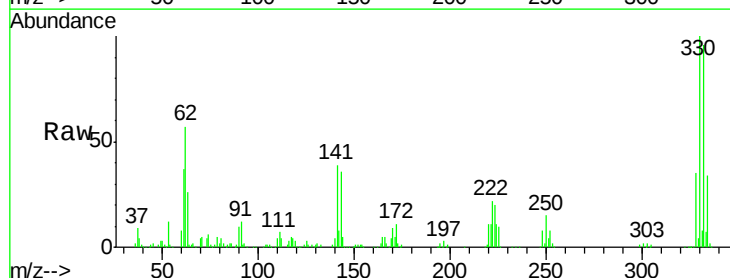


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

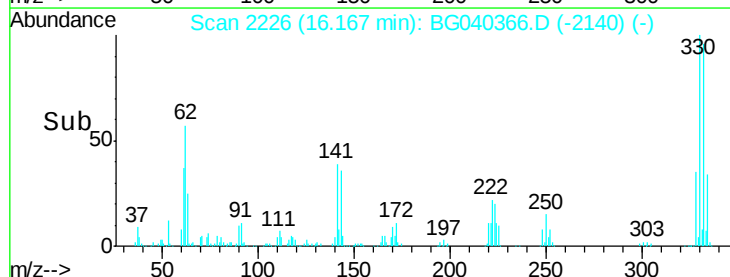
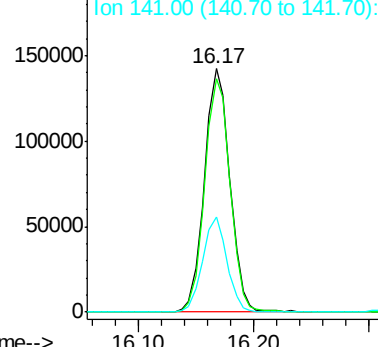


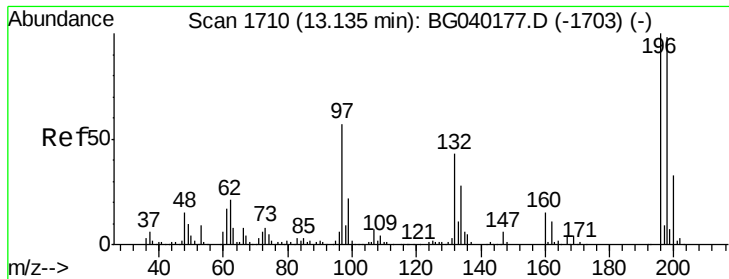
#42
2,4,6-Tribromophenol
Concen: 148.900 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040366.D
Acq: 4 Apr 2019 19:18

Tgt Ion:330 Resp: 217335
Ion Ratio Lower Upper
330 100
332 95.4 76.6 115.0
141 37.4 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

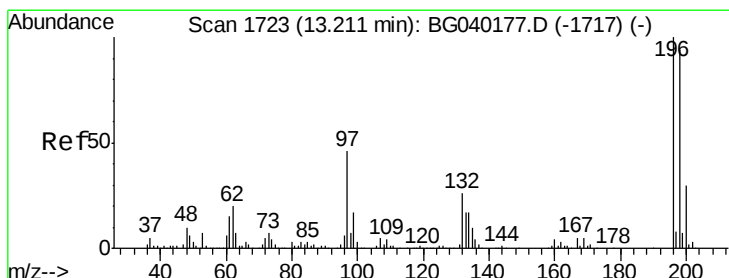
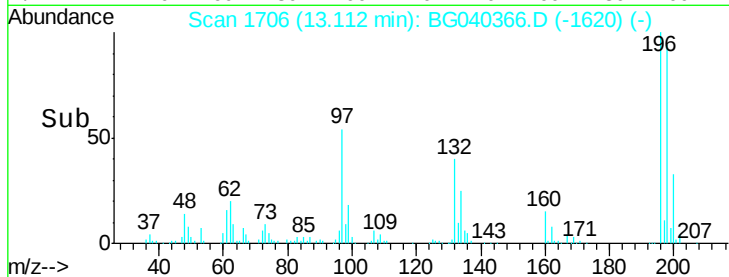
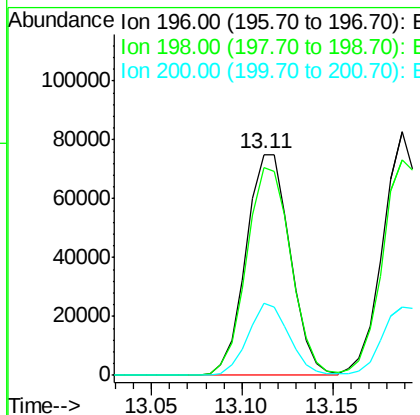
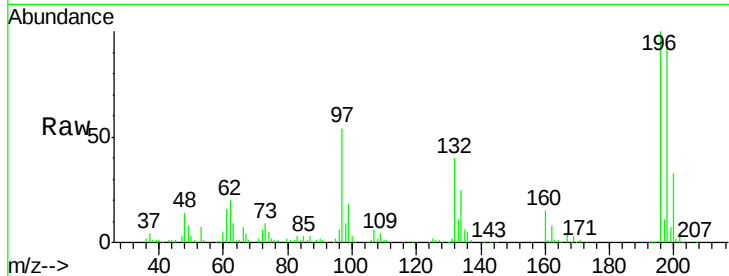




#43
 2,4,6-Trichlorophenol
 Concen: 45.980 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040366.D
 Acq: 4 Apr 2019 19:18

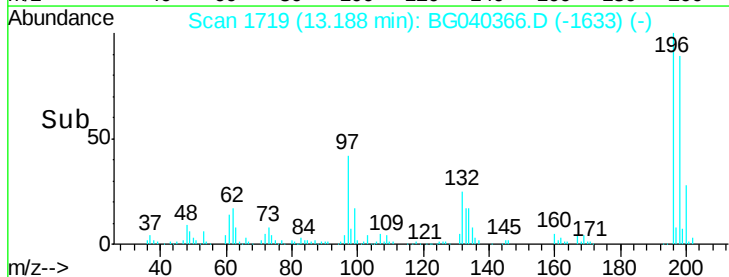
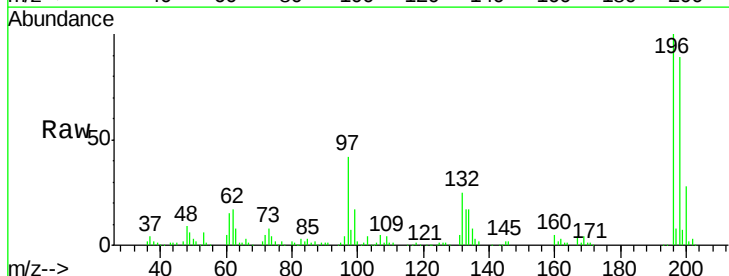
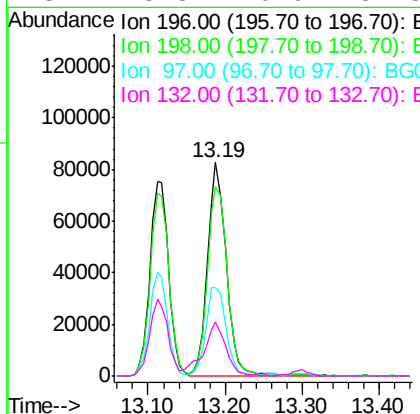
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 127252
 Ion Ratio Lower Upper
 196 100
 198 94.2 78.3 117.5
 200 32.7 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 46.068 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040366.D
 Acq: 4 Apr 2019 19:18

Tgt Ion:196 Resp: 138965
 Ion Ratio Lower Upper
 196 100
 198 88.6 75.0 112.6
 97 41.6 37.3 55.9
 132 25.3 20.9 31.3

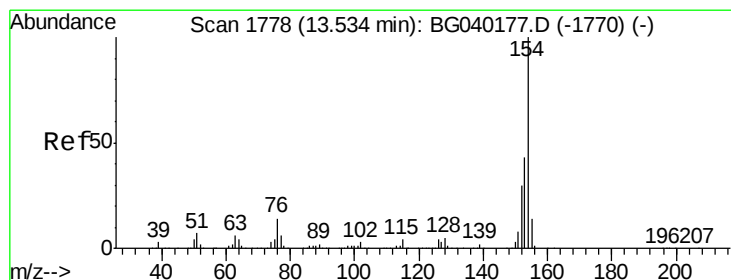
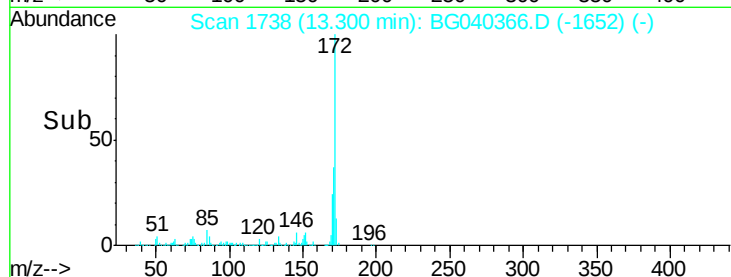
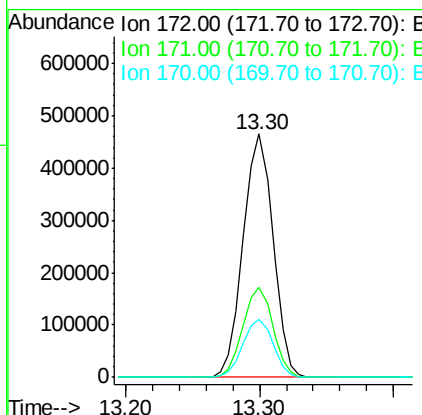
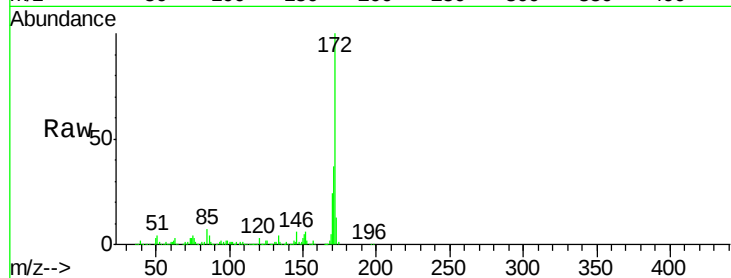




#45
2-Fluorobiphenyl
Concen: 79.151 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040366.D
Acq: 4 Apr 2019 19:18

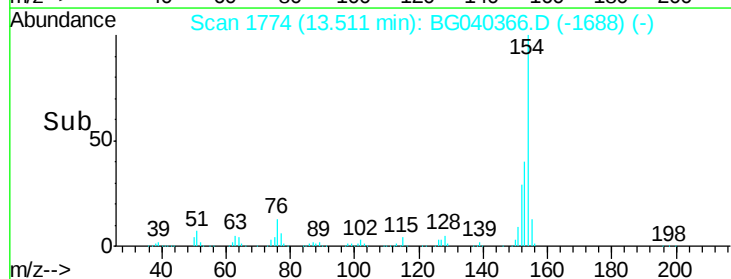
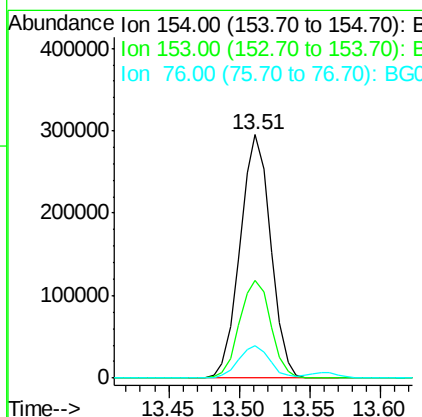
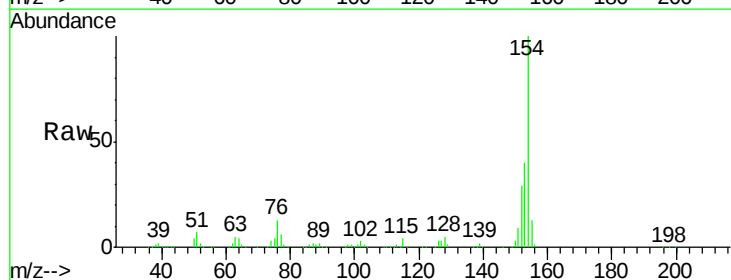
Instrument :
BNA_G
ClientSampleId :

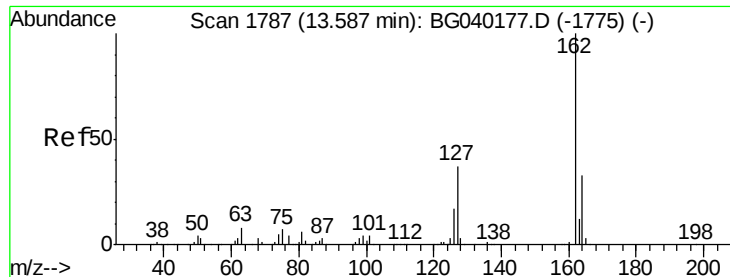
Tot Ion:172 Resp: 721429
Ion Ratio Lower Upper
172 100
171 36.8 30.5 45.7
170 23.8 20.1 30.1



#46
1,1'-Biphenyl
Concen: 41.991 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040366.D
Acq: 4 Apr 2019 19:18

Tgt Ion:154 Resp: 448093
Ion Ratio Lower Upper
154 100
153 40.3 22.5 62.5
76 13.4 0.0 33.7

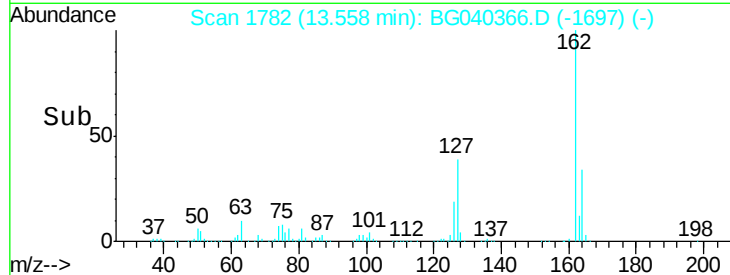
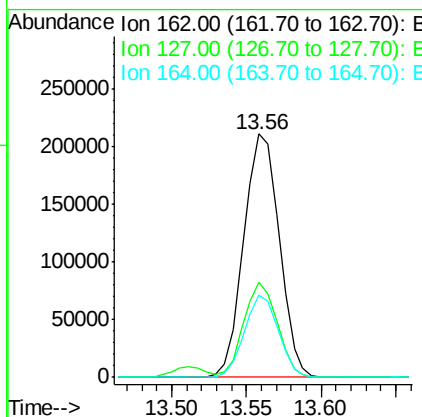
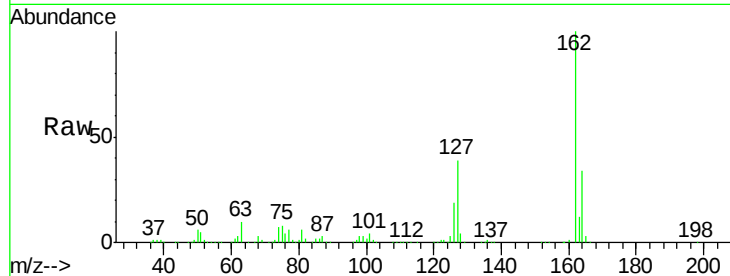




#47
2-Chloronaphthalene
Concen: 42.498 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.03 min
Lab File: BG040366.D
Acq: 4 Apr 2019 19:18

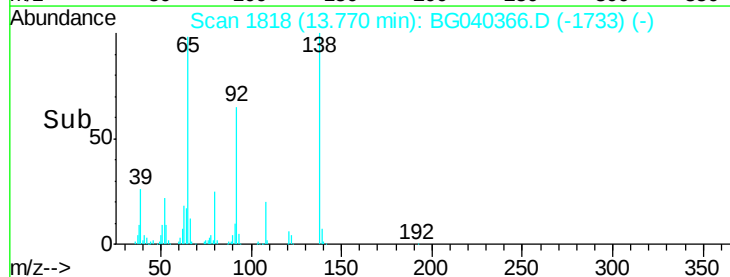
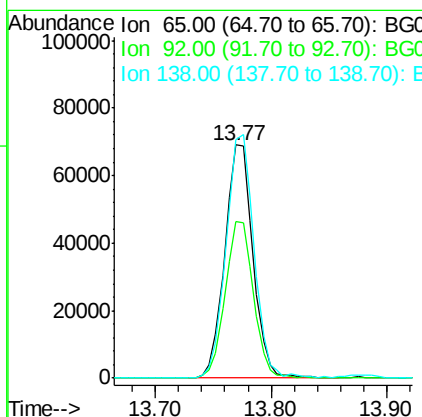
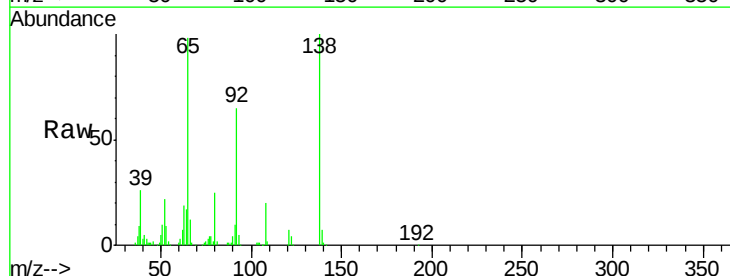
Instrument :
BNA_G
ClientSampleId :

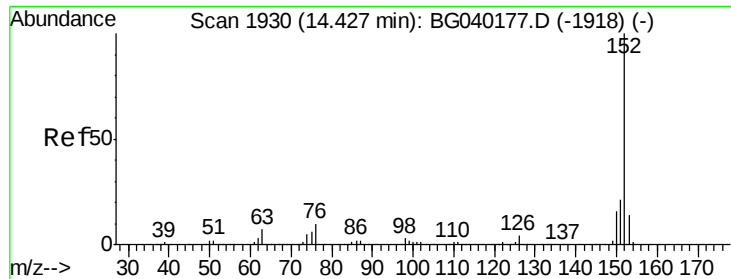
Tot Ion:162 Resp: 347865
Ion Ratio Lower Upper
162 100
127 39.0 30.6 45.8
164 33.6 26.2 39.4



#48
2-Nitroaniline
Concen: 42.277 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.03 min
Lab File: BG040366.D
Acq: 4 Apr 2019 19:18

Tgt Ion: 65 Resp: 116729
Ion Ratio Lower Upper
65 100
92 66.9 53.8 80.6
138 102.3 86.3 129.5





#49

Acenaphthylene

Concen: 41.631 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Instrument :

BNA_G

ClientSampled :

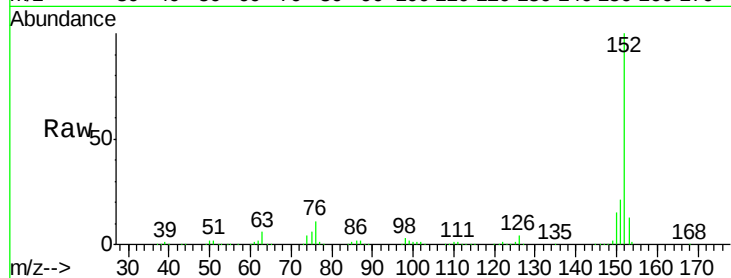
Tot Ion:152 Resp: 577773

Ion Ratio Lower Upper

152 100

151 20.7 17.0 25.6

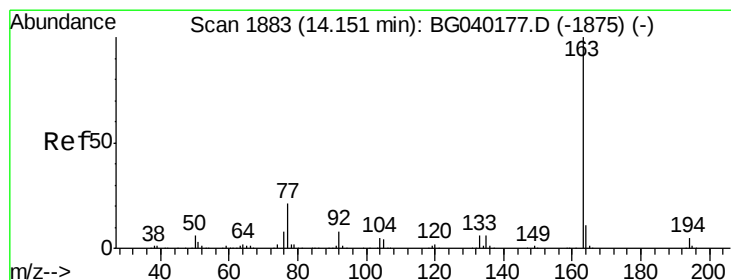
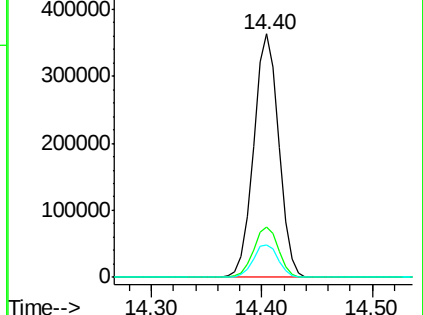
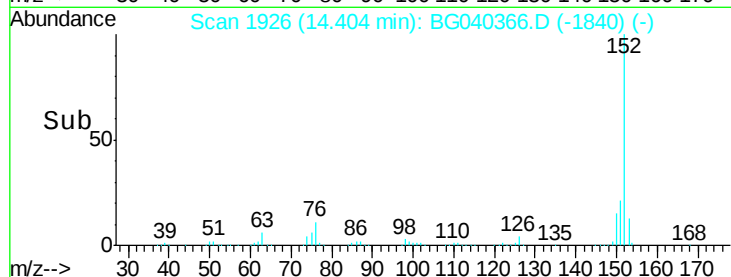
153 13.2 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.132 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

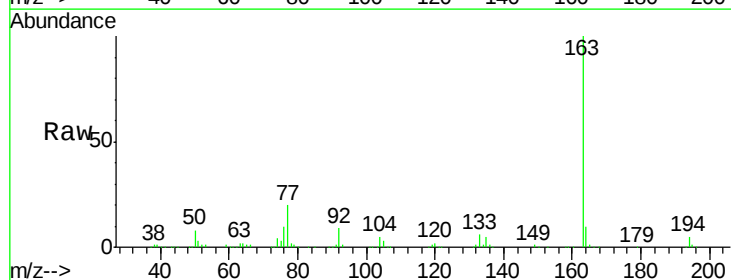
Tgt Ion:163 Resp: 445335

Ion Ratio Lower Upper

163 100

194 4.6 4.1 6.1

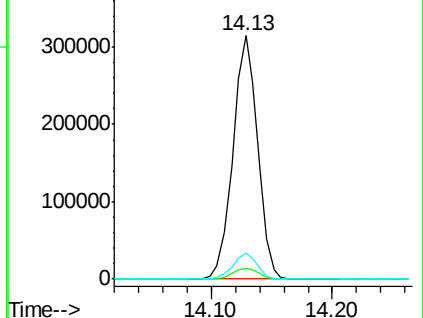
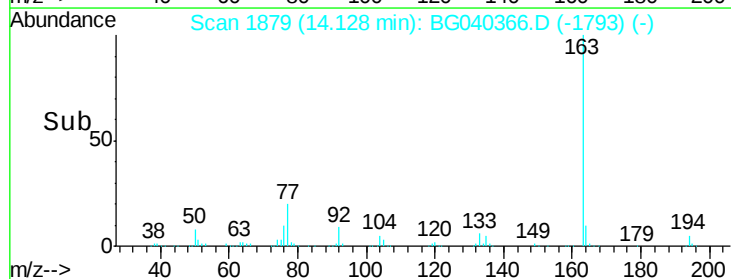
164 10.4 8.6 13.0

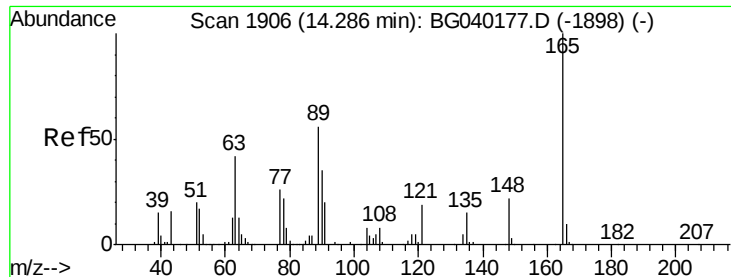


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

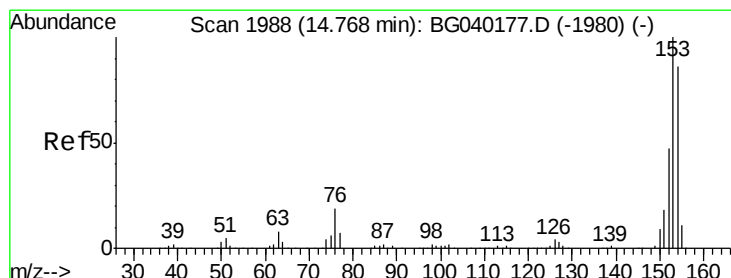
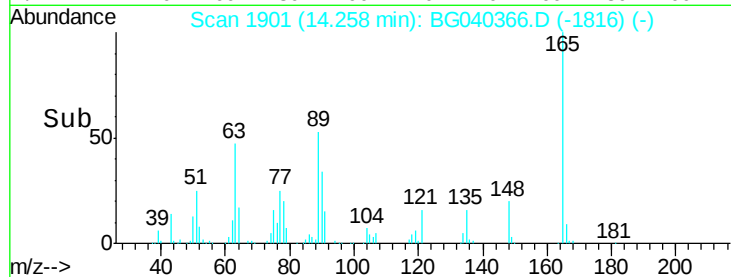
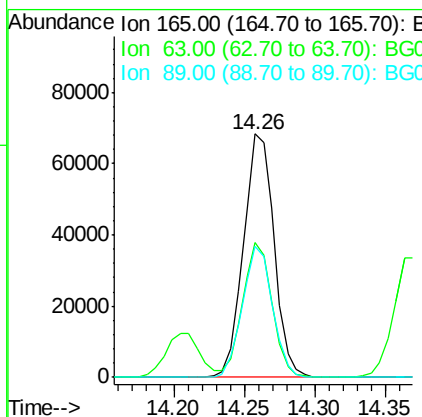
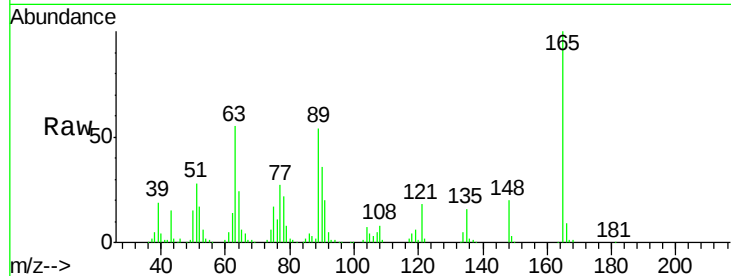




#51
 2,6-Dinitrotoluene
 Concen: 43.748 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.03 min
 Lab File: BG040366.D
 Acq: 4 Apr 2019 19:18

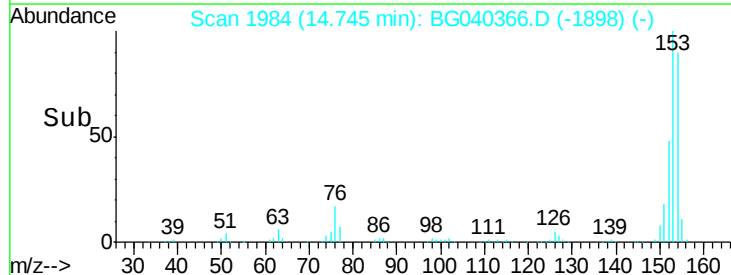
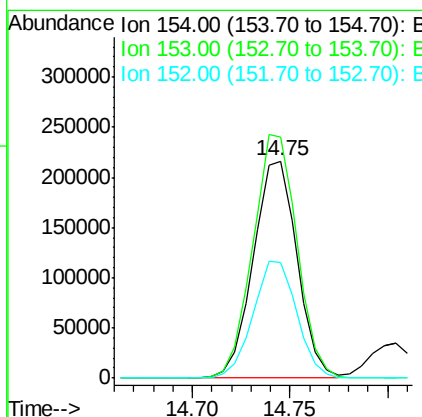
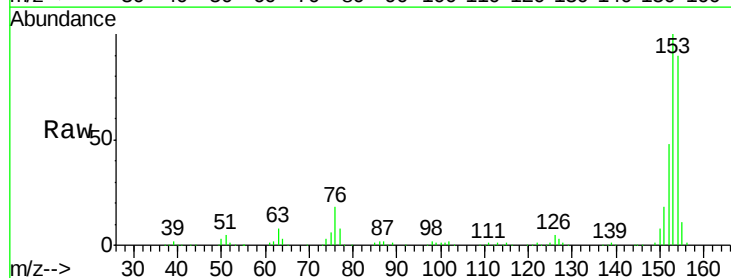
Instrument :
 BNA_G
 ClientSampled :

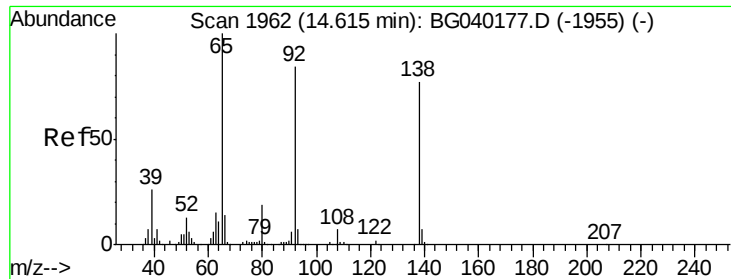
Tot Ion:165 Resp: 103830
 Ion Ratio Lower Upper
 165 100
 63 55.3 44.1 66.1
 89 53.6 44.9 67.3



#52
 Acenaphthene
 Concen: 42.287 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BG040366.D
 Acq: 4 Apr 2019 19:18

Tgt Ion:154 Resp: 336287
 Ion Ratio Lower Upper
 154 100
 153 111.3 92.8 139.2
 152 53.5 43.4 65.2





#53

3-Nitroaniline

Concen: 29.991 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Instrument :

BNA_G

ClientSampleId :

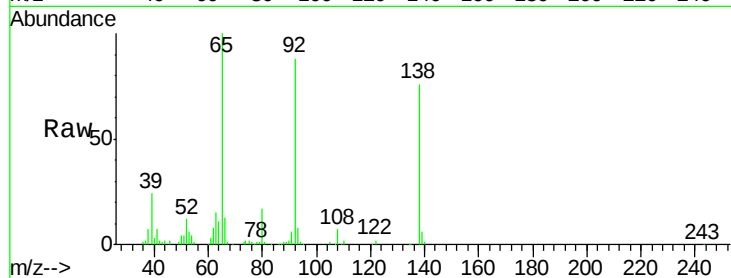
Tot Ion:138 Resp: 75346

Ion Ratio Lower Upper

138 100

108 9.7 7.8 11.8

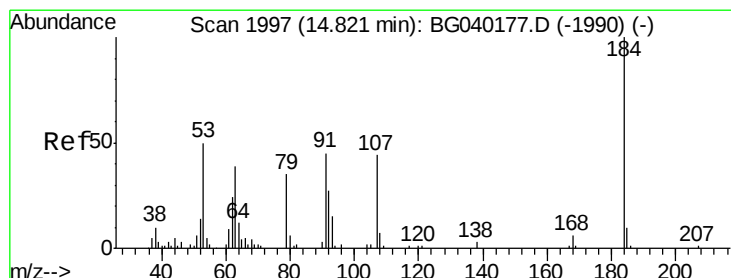
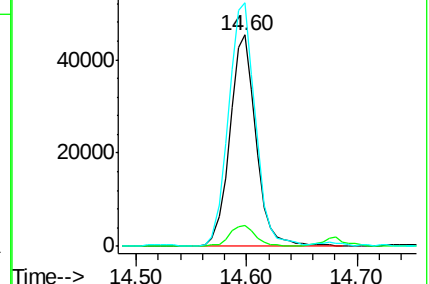
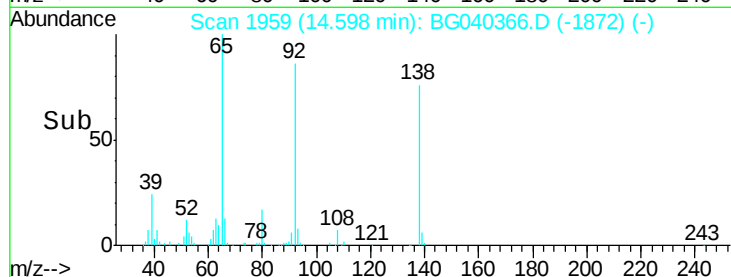
92 115.3 87.5 131.3



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): BGC



#54

2,4-Dinitrophenol

Concen: 82.407 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

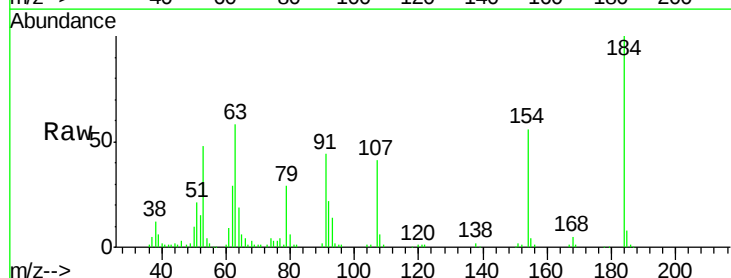
Tgt Ion:184 Resp: 104014

Ion Ratio Lower Upper

184 100

63 57.6 51.8 77.8

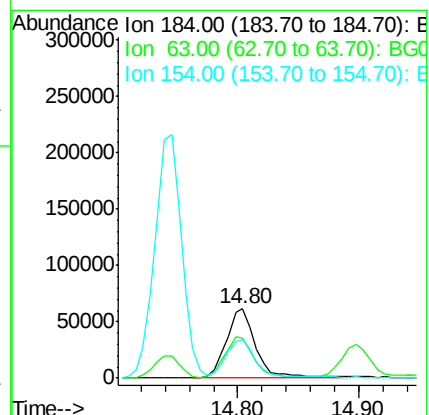
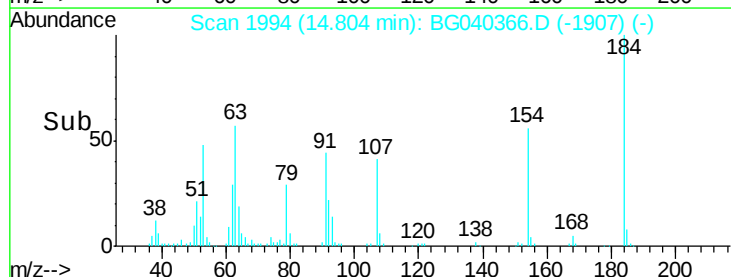
154 55.7 50.9 76.3

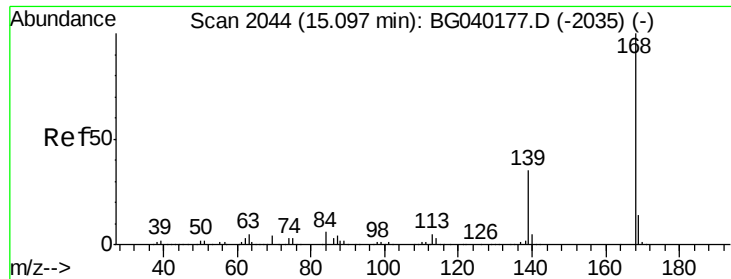


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

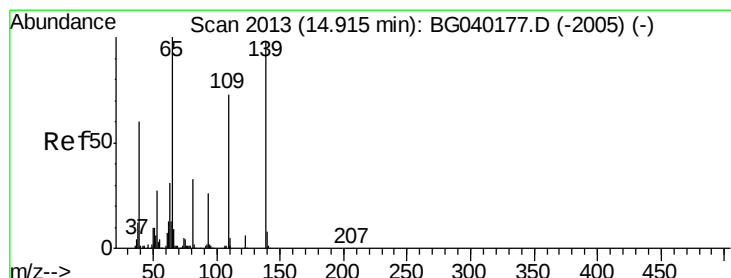
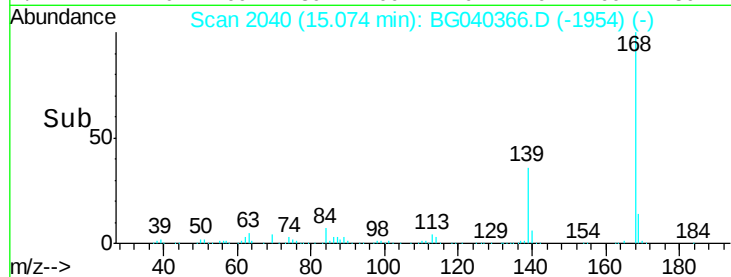
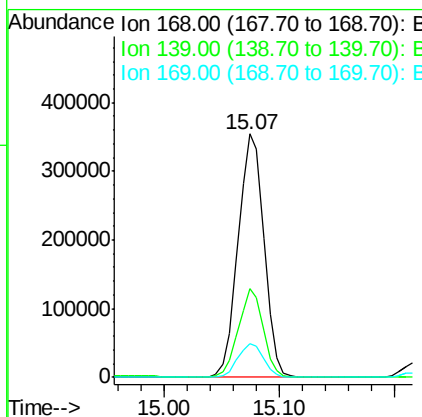
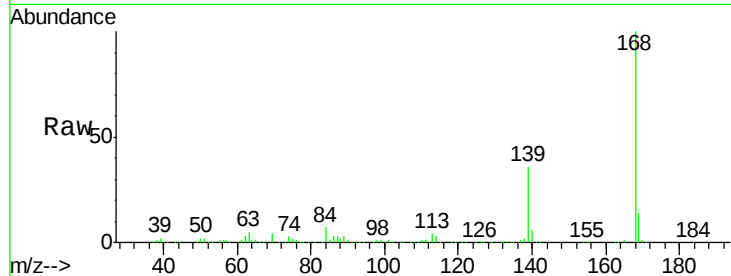




#55
Dibenzenofuran
Concen: 43.003 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040366.D
Acq: 4 Apr 2019 19:18

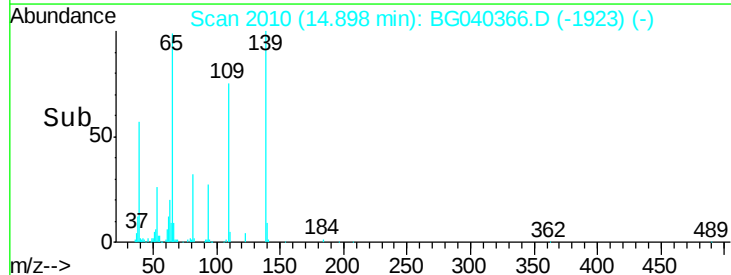
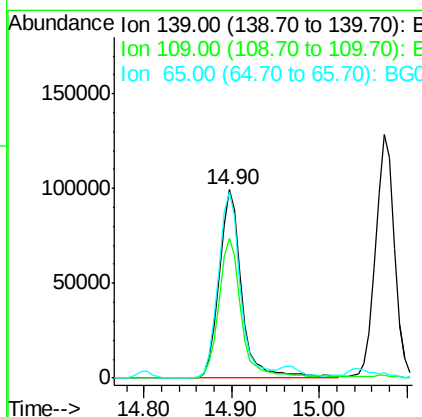
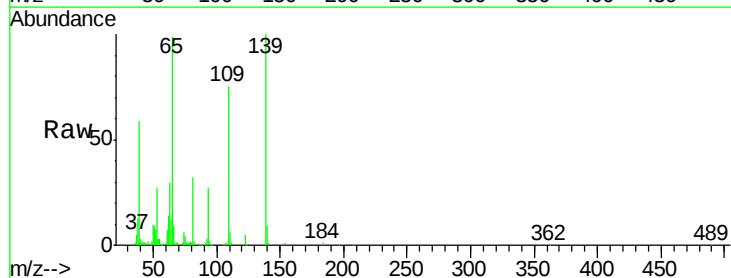
Instrument :
BNA_G
ClientSampleId :

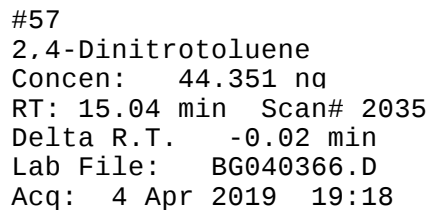
Tot Ion:168 Resp: 549514
Ion Ratio Lower Upper
168 100
139 36.2 27.9 41.9
169 14.0 11.3 16.9



#56
4-Nitrophenol
Concen: 87.843 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG040366.D
Acq: 4 Apr 2019 19:18

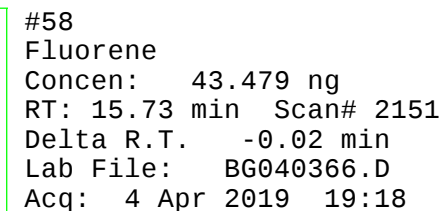
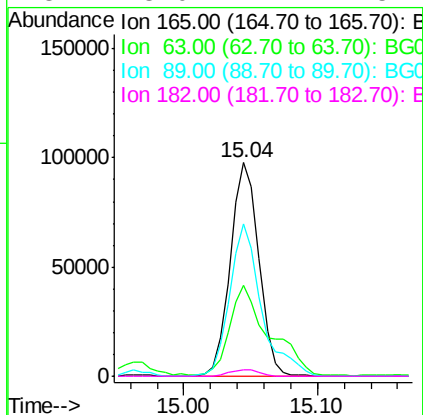
Tgt Ion:139 Resp: 178112
Ion Ratio Lower Upper
139 100
109 74.6 54.3 94.3
65 99.1 82.5 122.5



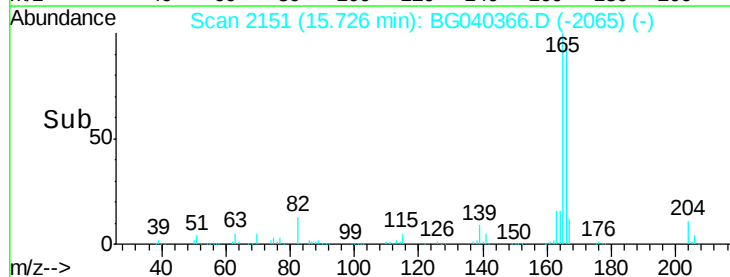
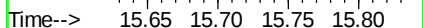
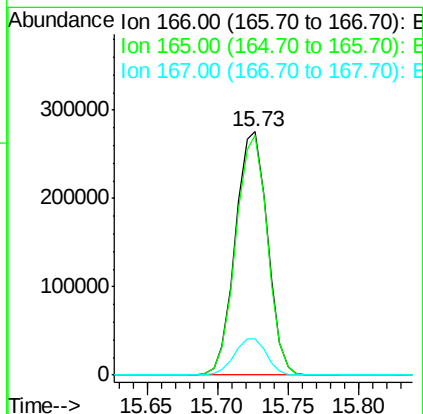


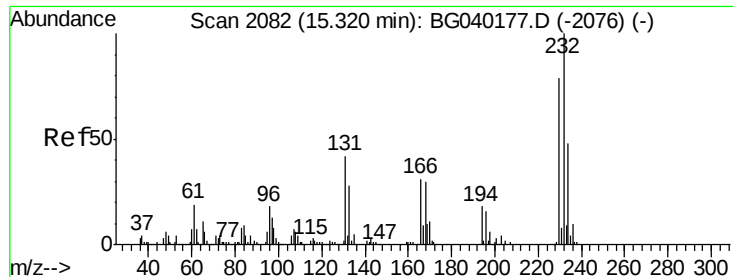
Instrument :
BNA_G
ClientSampleId :

Tot	Ion:165	Resp:	146259
Ion	Ratio	Lower	Upper
165	100		
63	42.6	33.8	50.6
89	71.1	55.4	83.2
182	3.0	2.2	3.4



Tgt	Ion:166	Resp:	436819
Ion	Ratio	Lower	Upper
166	100		
165	98.3	81.7	122.5
167	14.6	11.9	17.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.643 ng

RT: 15.30 min Scan# 2078

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 127678

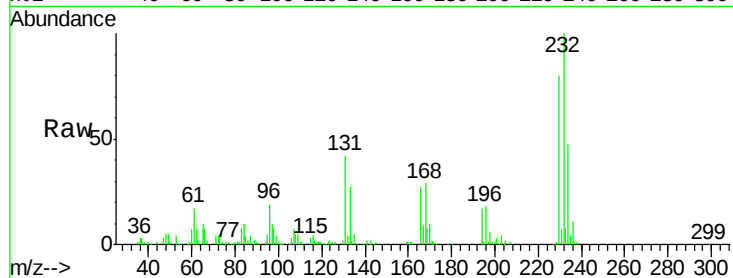
Ion Ratio Lower Upper

232 100

131 42.4 32.9 49.3

130 2.4 1.8 2.8

166 29.8 23.5 35.3

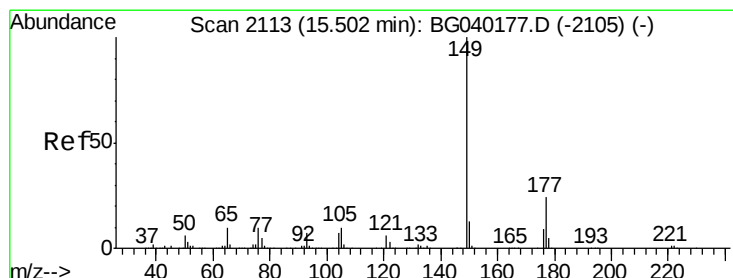
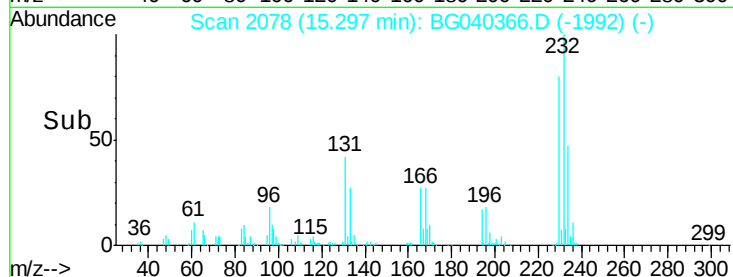
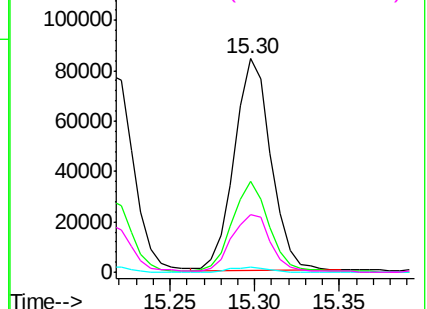


Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.264 ng

RT: 15.48 min Scan# 2109

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

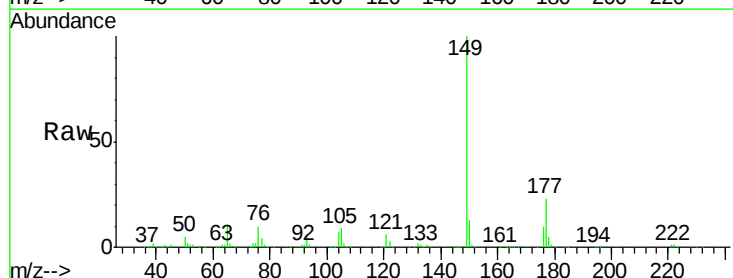
Tgt Ion:149 Resp: 467952

Ion Ratio Lower Upper

149 100

177 23.2 19.1 28.7

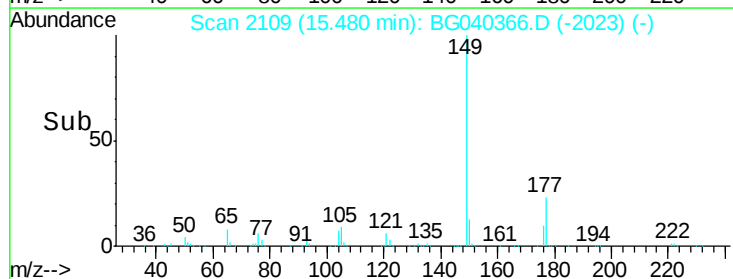
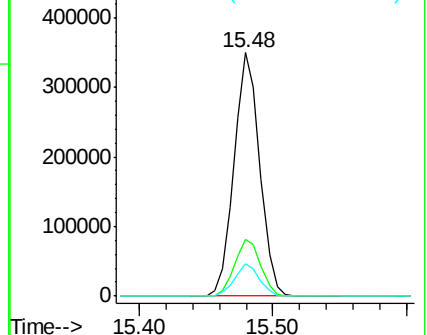
150 13.2 10.6 15.8



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

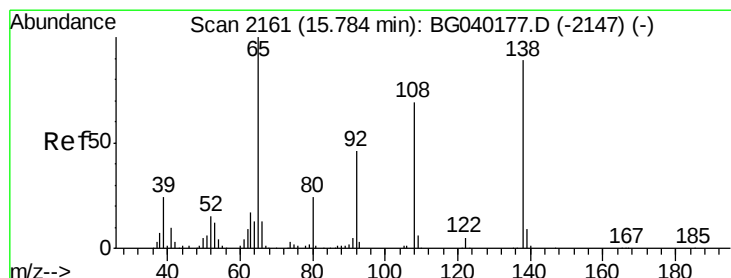
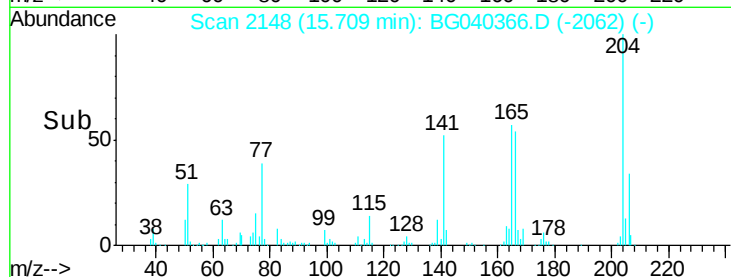
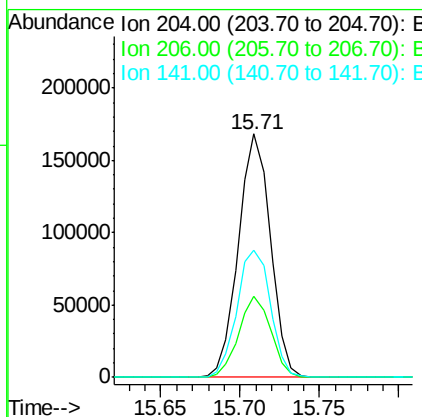
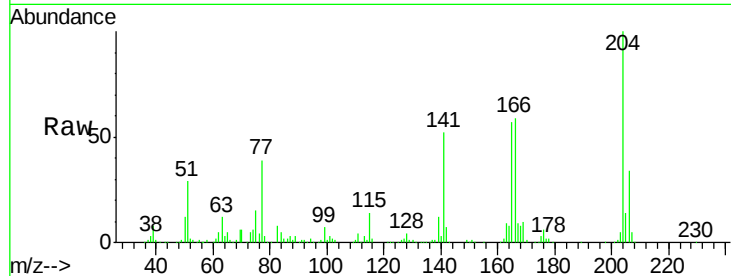




#61
 4-Chlorophenyl-phenylether
 Concen: 43.995 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040366.D
 Acq: 4 Apr 2019 19:18

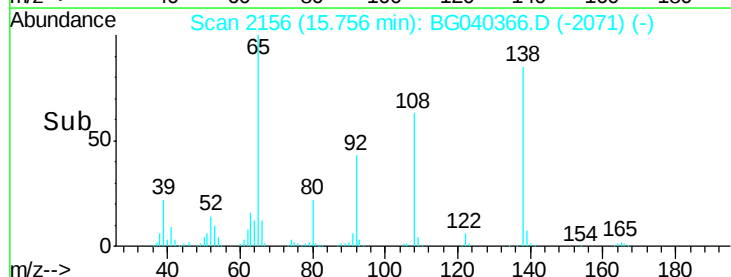
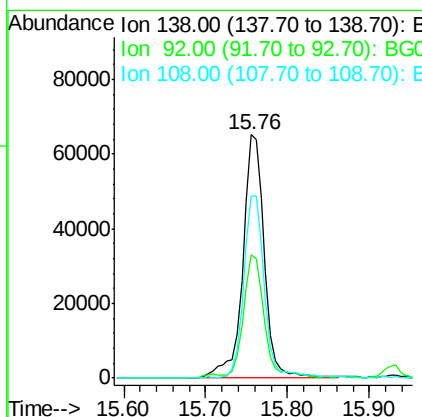
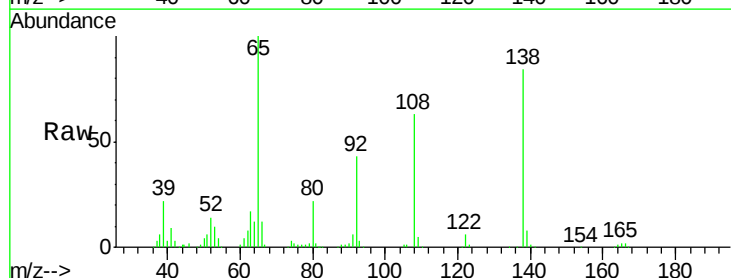
Instrument :
 BNA_G
 ClientSampled :

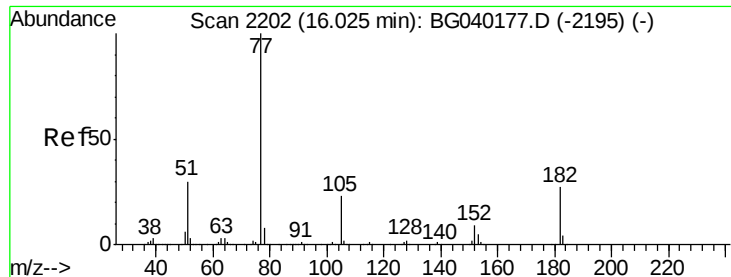
Tot Ion:204 Resp: 236264
 Ion Ratio Lower Upper
 204 100
 206 33.6 25.7 38.5
 141 52.3 44.0 66.0



#62
 4-Nitroaniline
 Concen: 44.333 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.03 min
 Lab File: BG040366.D
 Acq: 4 Apr 2019 19:18

Tgt Ion:138 Resp: 119526
 Ion Ratio Lower Upper
 138 100
 92 50.5 31.8 71.8
 108 75.0 57.2 97.2





#63

Azobenzene

Concen: 42.195 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 430490

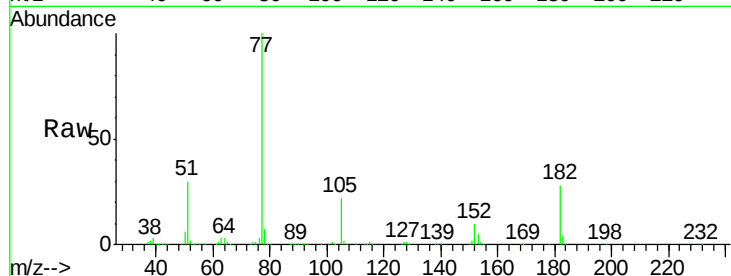
Ion	Ratio	Lower	Upper
77	100		
182	28.3	7.2	47.2
105	22.0	2.8	42.8
51	30.0	10.4	50.4

77 100

182 28.3 7.2 47.2

105 22.0 2.8 42.8

51 30.0 10.4 50.4

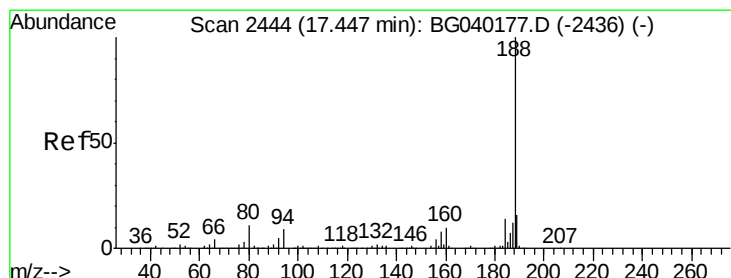
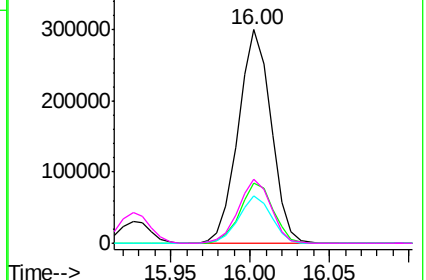
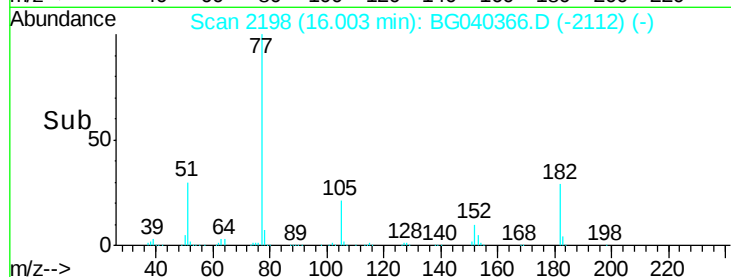


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

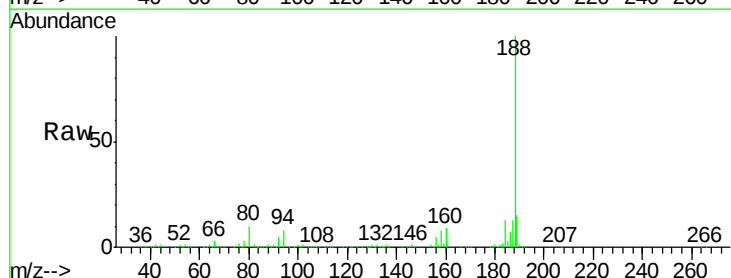
Tgt Ion: 188 Resp: 344259

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.4
80	9.8	8.6	13.0

188 100

94 8.4 7.0 10.4

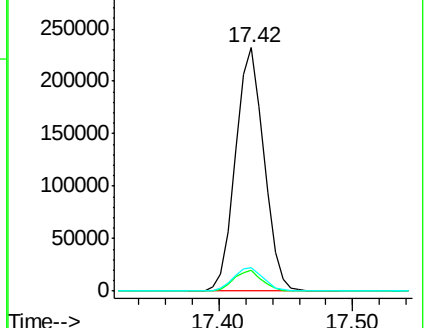
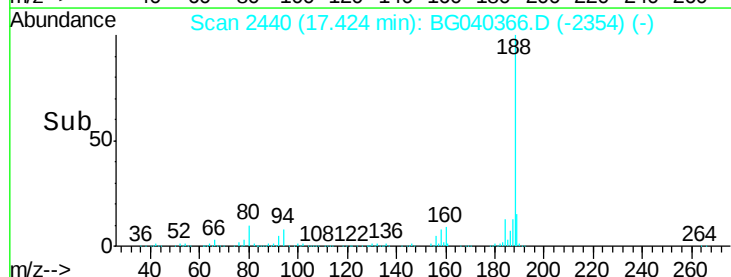
80 9.8 8.6 13.0



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

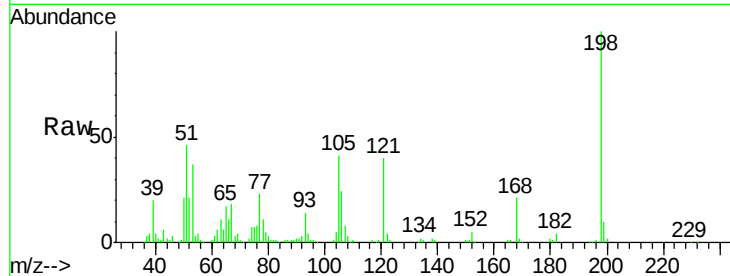




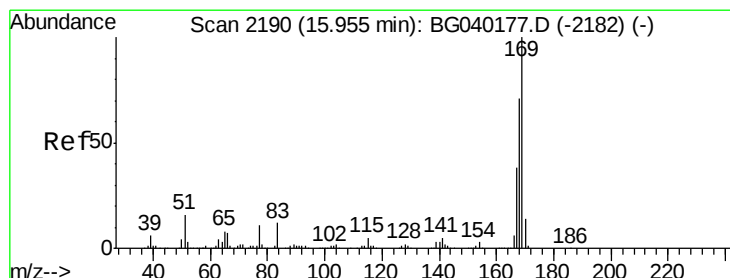
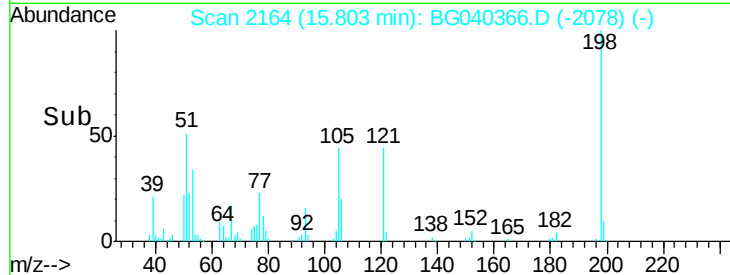
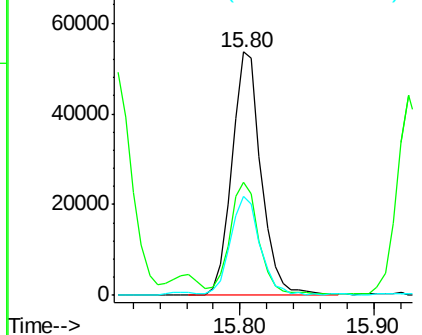
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.494 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG040366.D
 Acq: 4 Apr 2019 19:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	198	Resp	82187
Ion Ratio	100	Lower	Upper
51	46.2	27.3	67.3
105	40.7	21.7	61.7

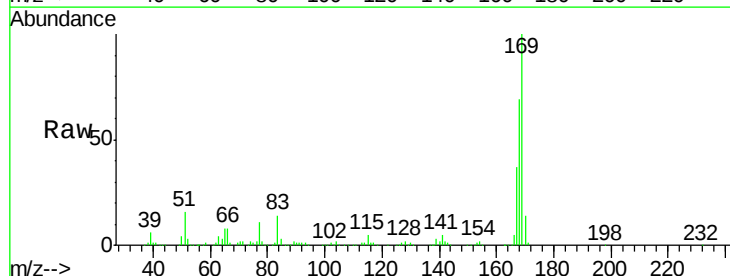


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

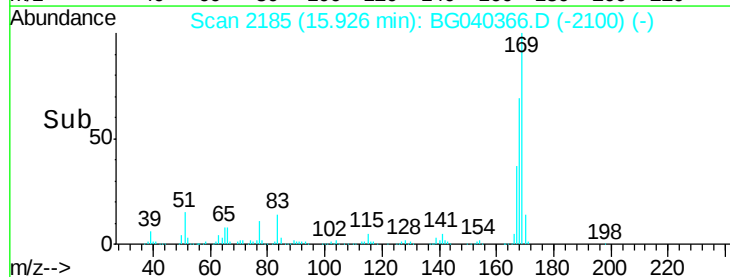
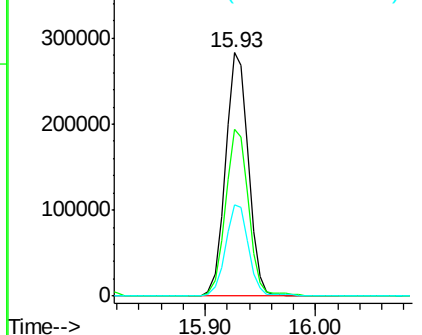


#66
 n-Nitrosodiphenylamine
 Concen: 40.566 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.03 min
 Lab File: BG040366.D
 Acq: 4 Apr 2019 19:18

Tgt Ion	169	Resp	408659
Ion Ratio	100	Lower	Upper
168	68.6	56.8	85.2
167	37.5	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

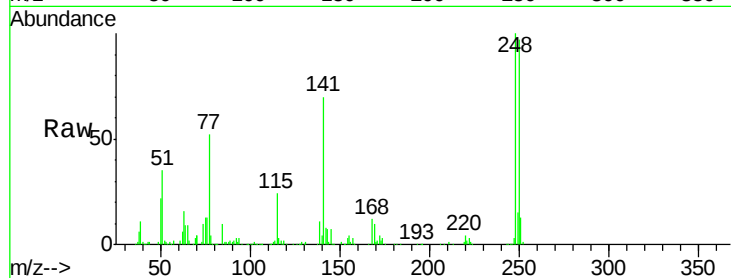




#67
 4-Bromophenyl-phenylether
 Concen: 40.060 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.03 min
 Lab File: BG040366.D
 Acq: 4 Apr 2019 19:18

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.4	114.6
141	70.0	53.8	80.8

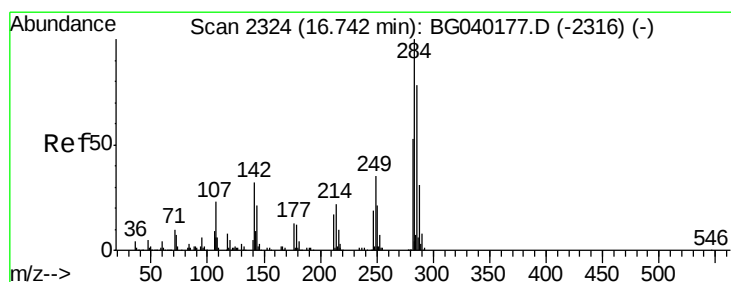
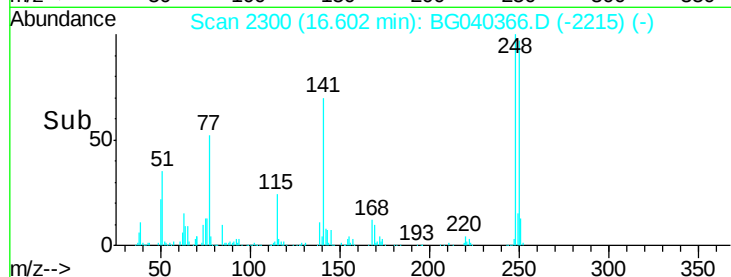
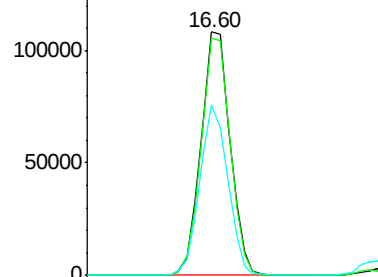


Abundance

Ion 248.00 (247.70 to 248.70): E

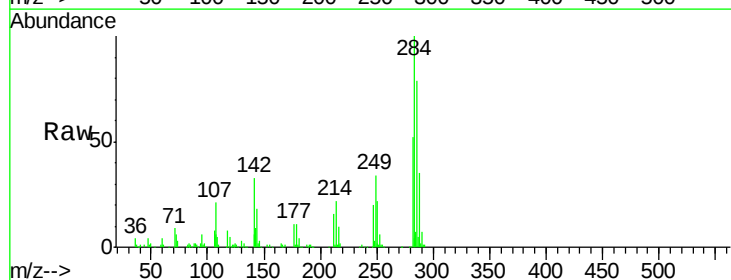
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.796 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG040366.D
 Acq: 4 Apr 2019 19:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.3	25.3	37.9
249	33.5	28.2	42.2

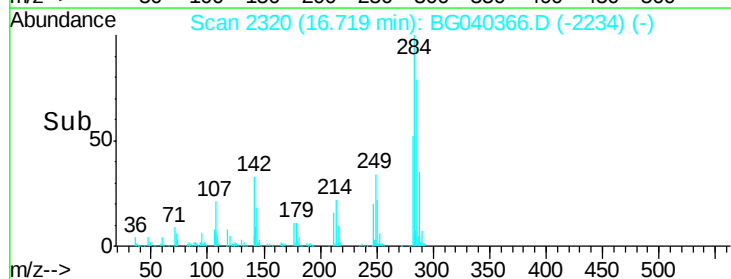
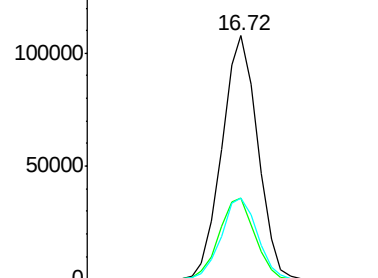


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.430 ng

RT: 16.87 min Scan# 2346

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Instrument :

BNA_G

ClientSampled :

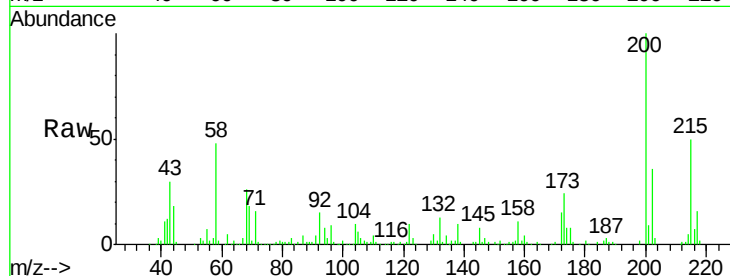
Tot Ion:200 Resp: 155257

Ion Ratio Lower Upper

200 100

173 24.5 7.1 47.1

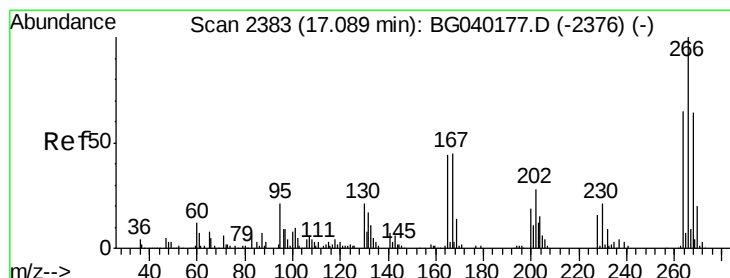
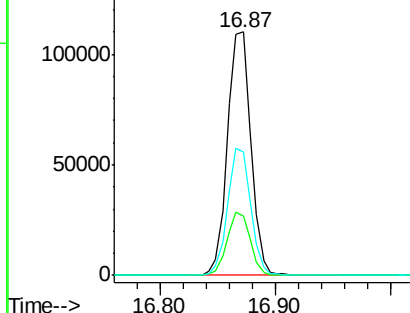
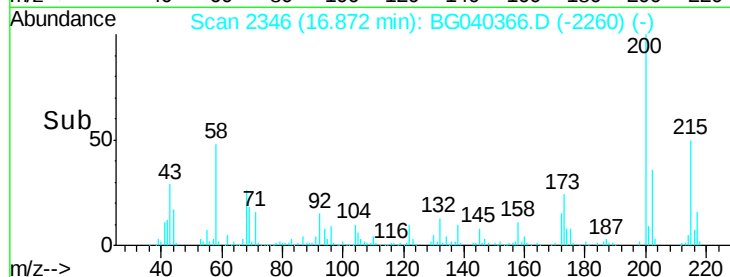
215 50.5 30.9 70.9



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: 79.392 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

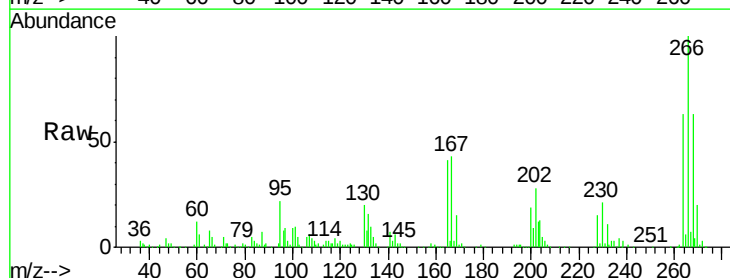
Tgt Ion:266 Resp: 178791

Ion Ratio Lower Upper

266 100

268 63.3 55.0 82.4

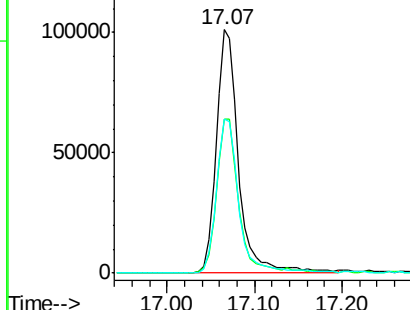
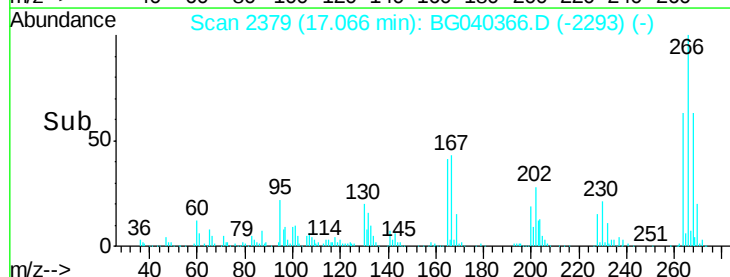
264 63.0 51.8 77.8

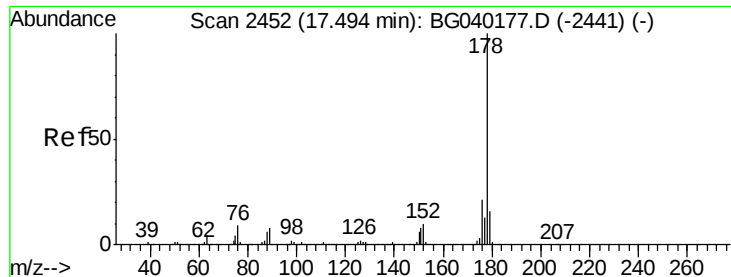


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

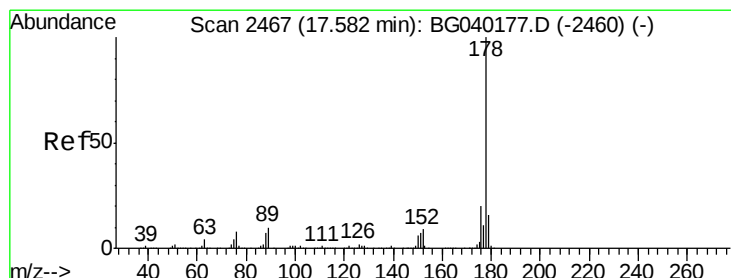
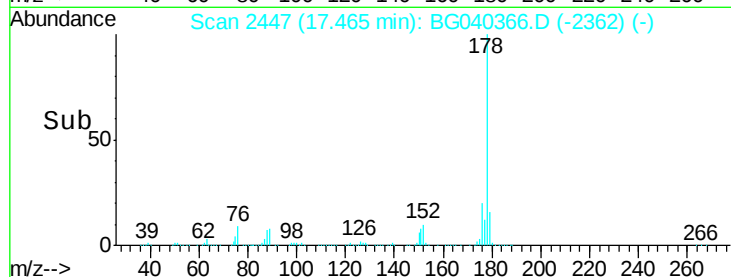
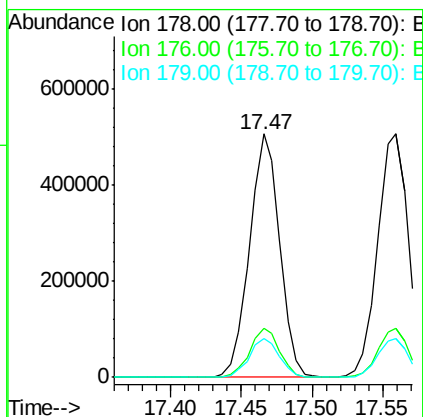
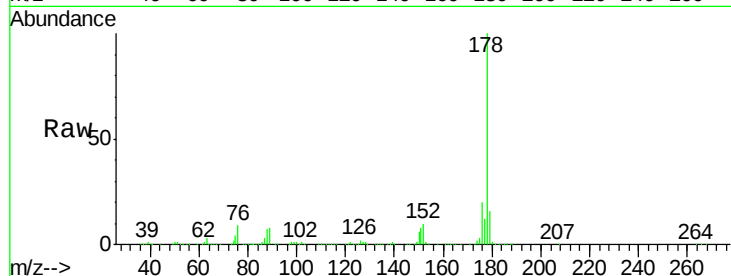




#71
Phenanthrene
Concen: 41.828 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040366.D
Acq: 4 Apr 2019 19:18

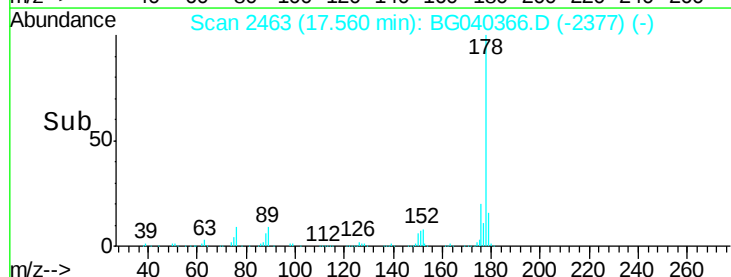
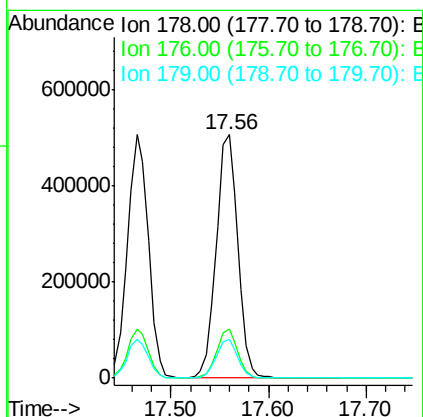
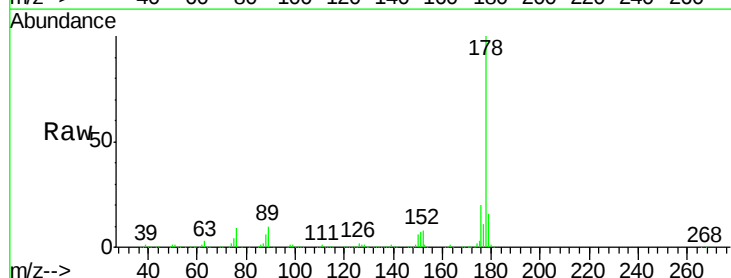
Instrument :
BNA_G
ClientSampleId :

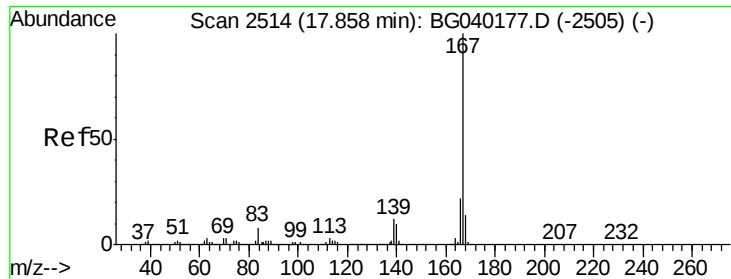
Tot Ion:178 Resp: 756881
Ion Ratio Lower Upper
178 100
176 20.0 16.7 25.1
179 16.1 12.8 19.2



#72
Anthracene
Concen: 42.661 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040366.D
Acq: 4 Apr 2019 19:18

Tgt Ion:178 Resp: 772656
Ion Ratio Lower Upper
178 100
176 20.3 15.9 23.9
179 15.8 12.9 19.3





#73

Carbazole

Concen: 43.414 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.03 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Instrument :

BNA_G

ClientSampleId :

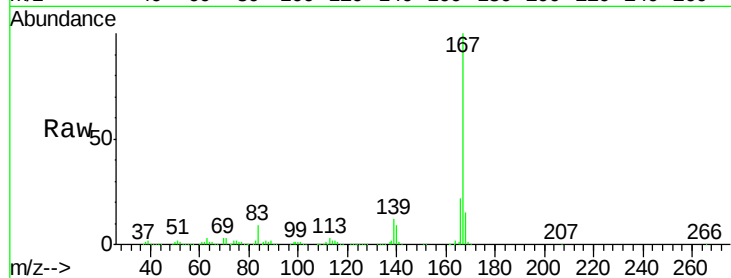
Tot Ion:167 Resp: 744141

Ion Ratio Lower Upper

167 100

166 22.2 17.5 26.3

139 12.2 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.83

600000

500000

400000

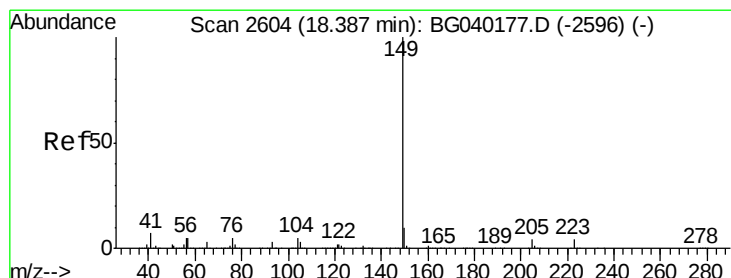
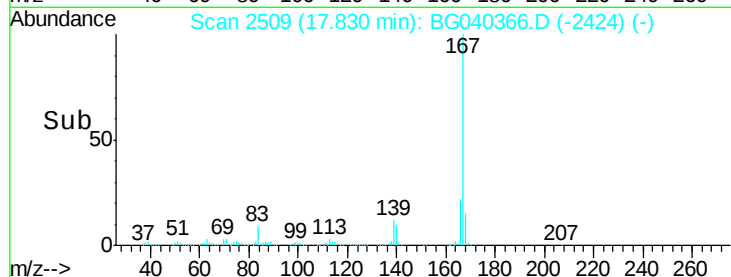
300000

200000

100000

0

Time-->



#74

Di-n-butylphthalate

Concen: 42.570 ng

RT: 18.36 min Scan# 2600

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

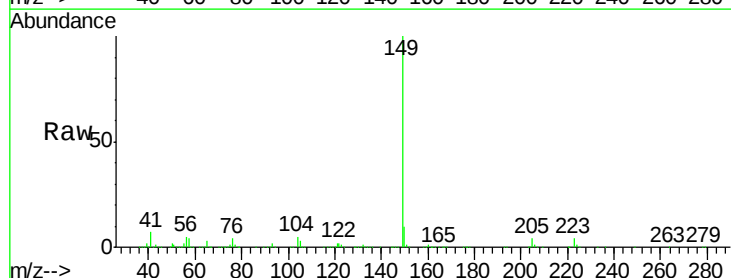
Tgt Ion:149 Resp: 864908

Ion Ratio Lower Upper

149 100

150 9.8 7.9 11.9

104 5.3 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.36

800000

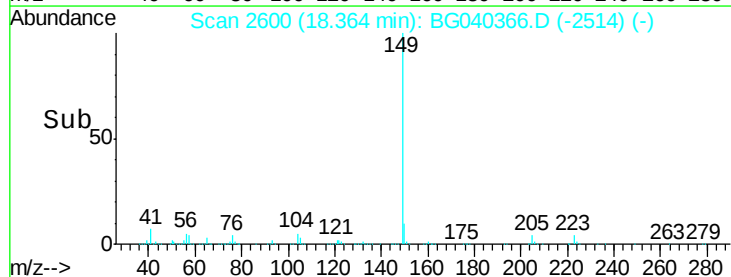
600000

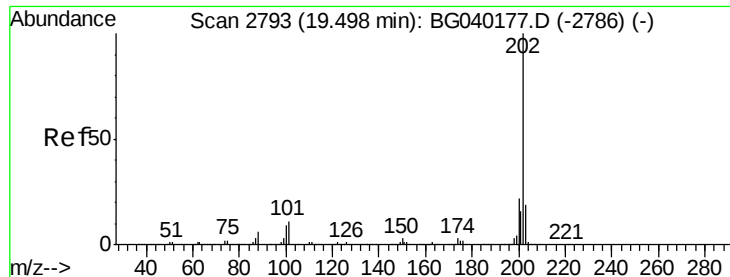
400000

200000

0

Time-->





#75

Fluoranthene

Concen: 45.270 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Instrument :

BNA_G

ClientSampleId :

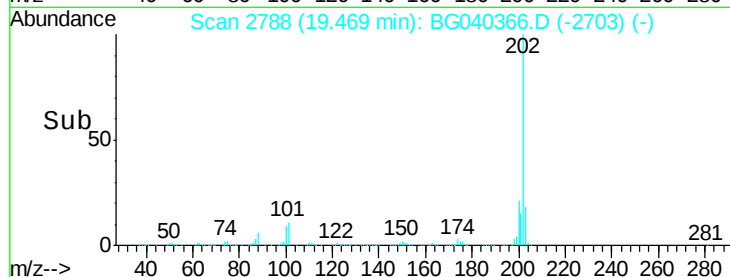
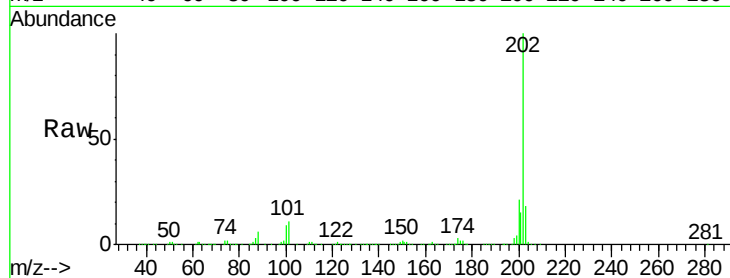
Tot Ion:202 Resp: 969987

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.8

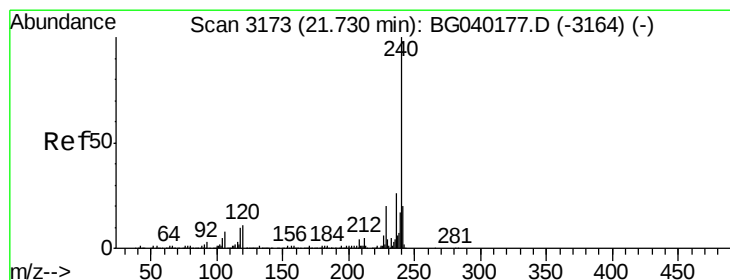
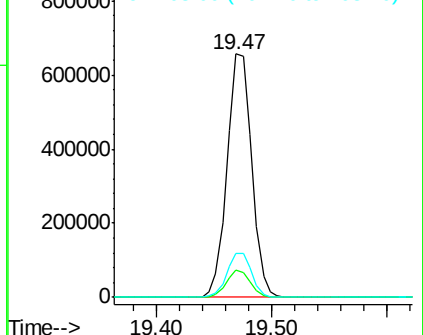
203 18.1 0.0 38.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

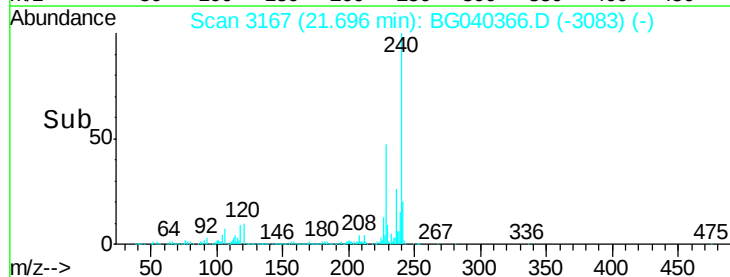
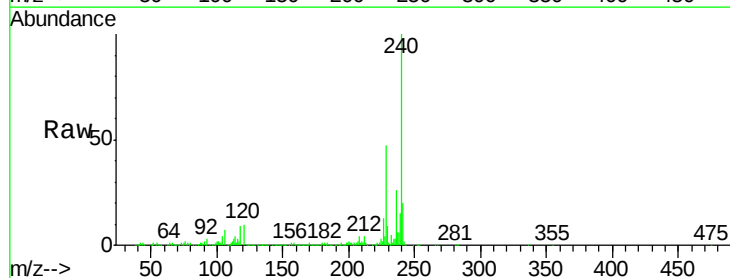
Tgt Ion:240 Resp: 376089

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

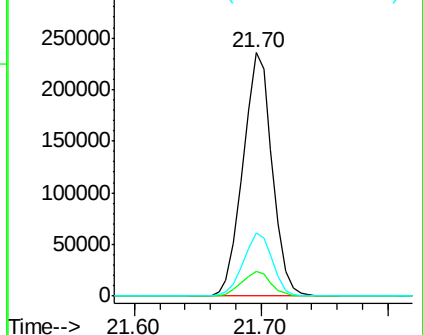
236 25.8 20.8 31.2

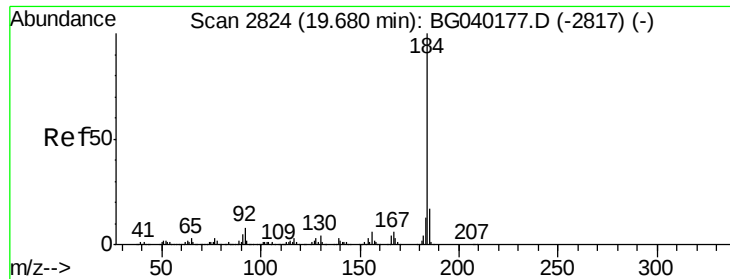


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.894 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Instrument :

BNA_G

ClientSampleId :

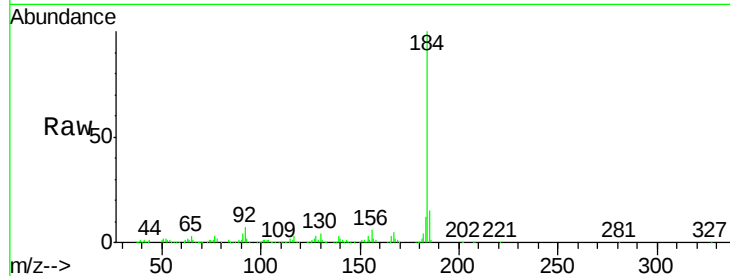
Tot Ion:184 Resp: 351670

Ion Ratio Lower Upper

184 100

185 15.0 13.3 19.9

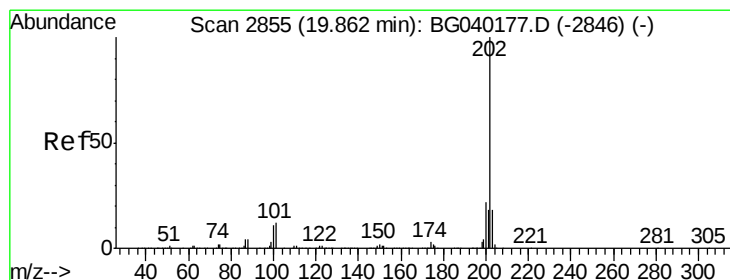
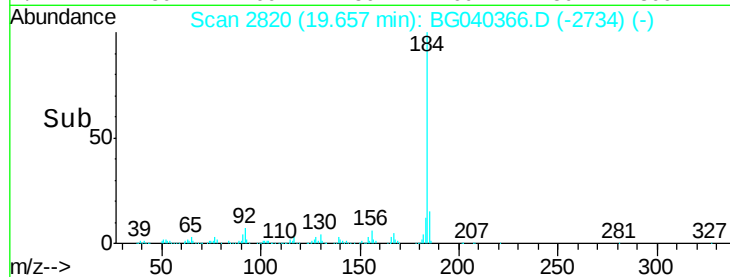
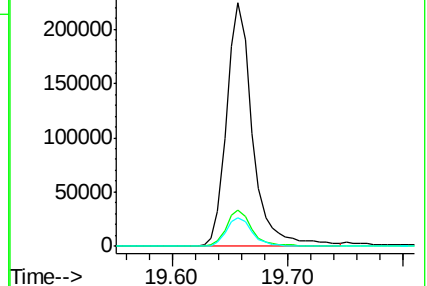
183 12.0 10.3 15.5



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: 39.784 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

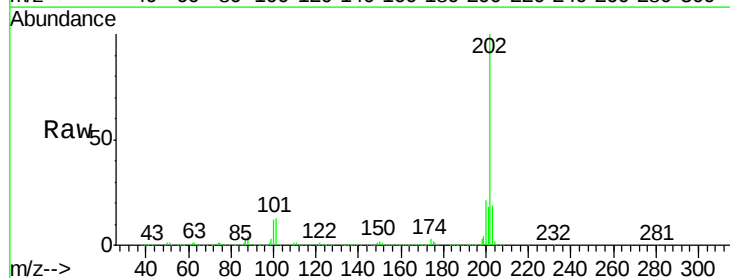
Tgt Ion:202 Resp: 983950

Ion Ratio Lower Upper

202 100

200 21.3 17.3 25.9

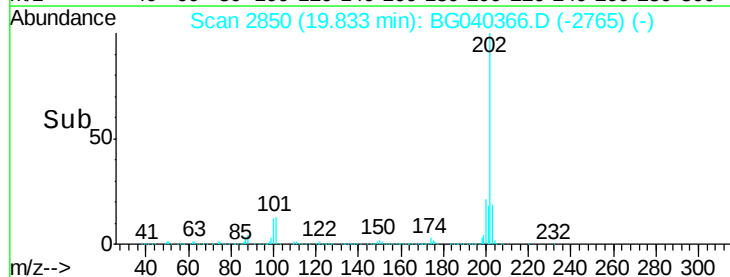
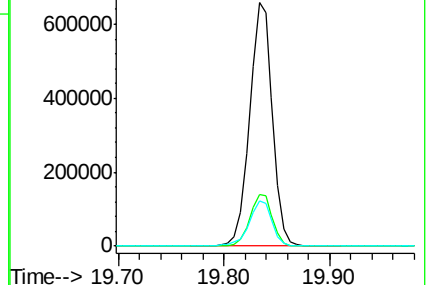
203 18.7 14.6 22.0



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: 75.016 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Instrument :

BNA_G

ClientSampleId :

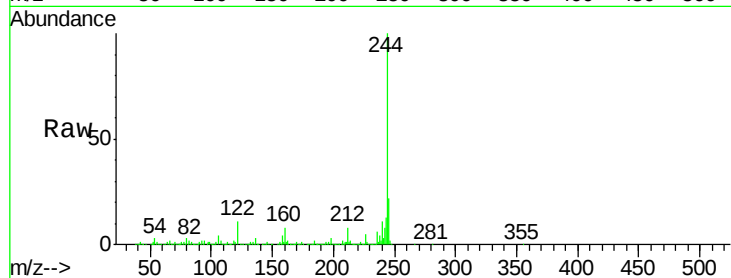
Tot Ion:244 Resp: 1254088

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

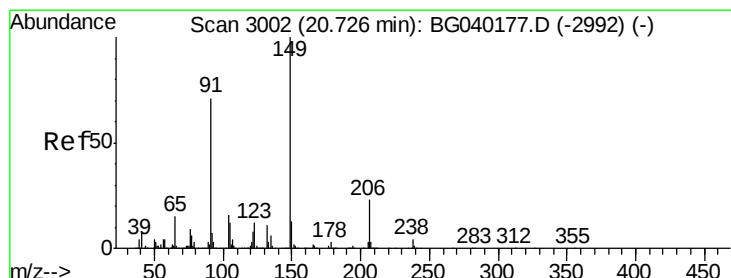
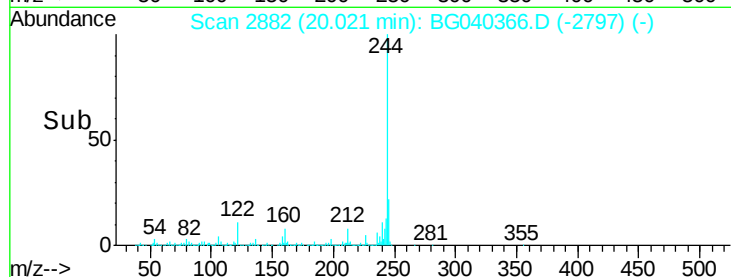
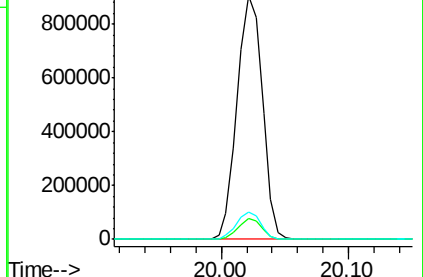
122 11.2 8.5 12.7



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: 40.830 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

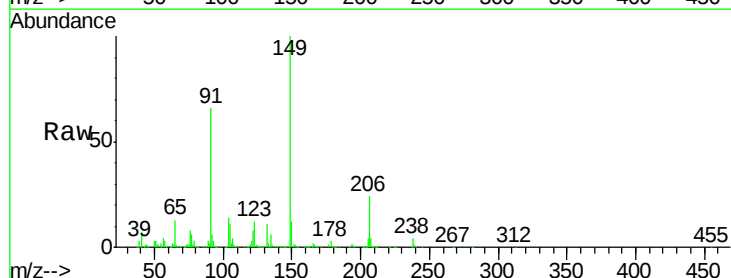
Tgt Ion:149 Resp: 432115

Ion Ratio Lower Upper

149 100

91 65.9 57.0 85.4

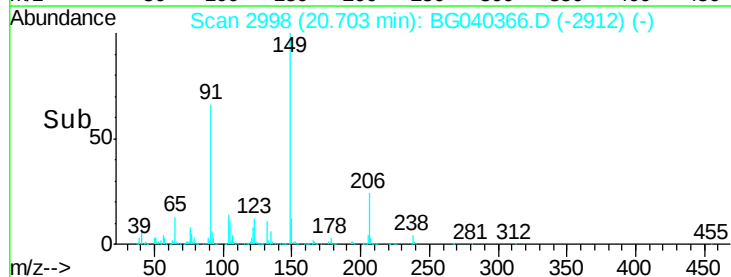
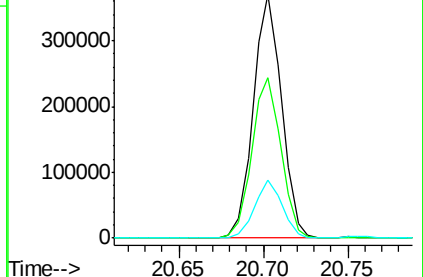
206 24.1 18.2 27.4

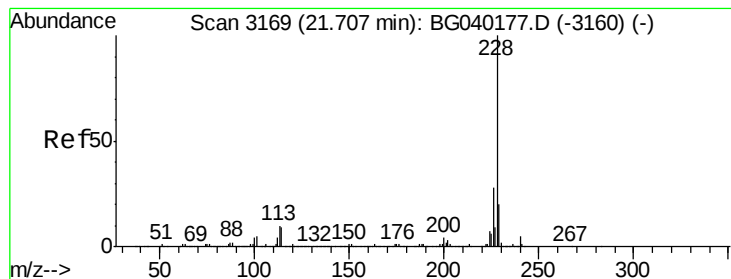


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.236 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Instrument :

BNA_G

ClientSampleId :

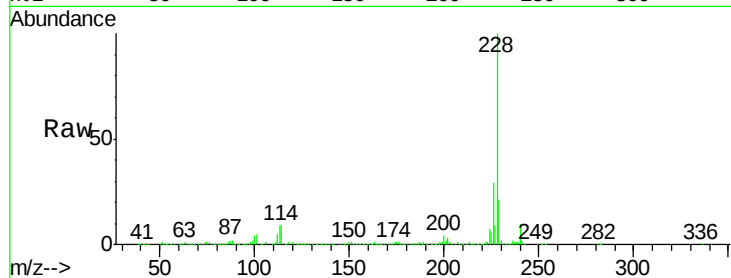
Tot Ion:228 Resp: 932079

Ion Ratio Lower Upper

228 100

226 28.7 22.6 34.0

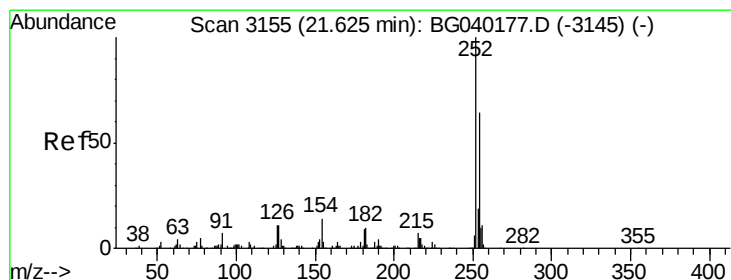
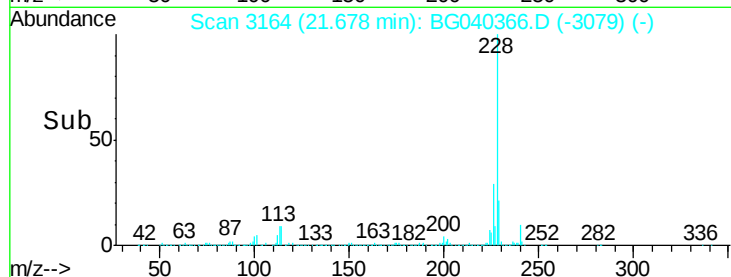
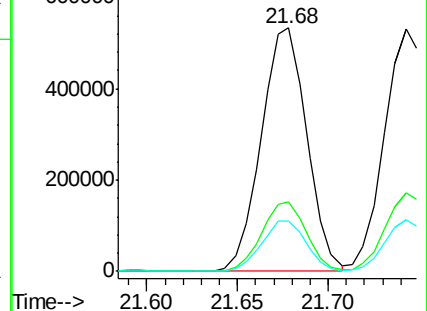
229 20.9 16.1 24.1



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: 27.482 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.03 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

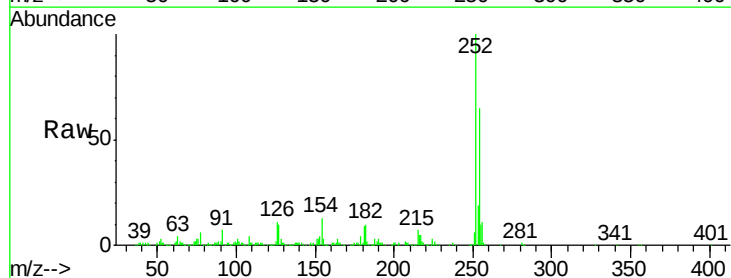
Tgt Ion:252 Resp: 242173

Ion Ratio Lower Upper

252 100

254 65.4 51.4 77.2

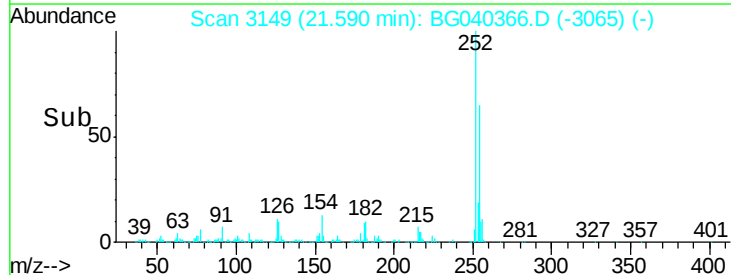
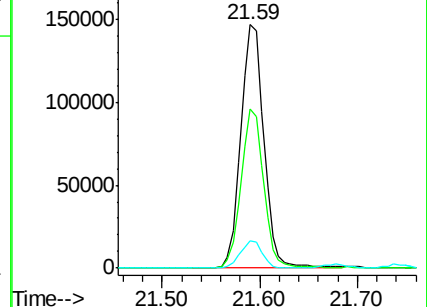
126 11.1 8.5 12.7

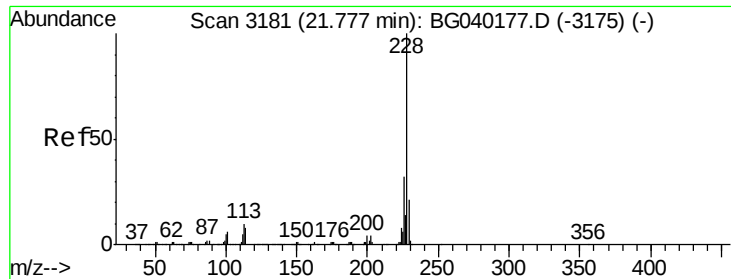


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

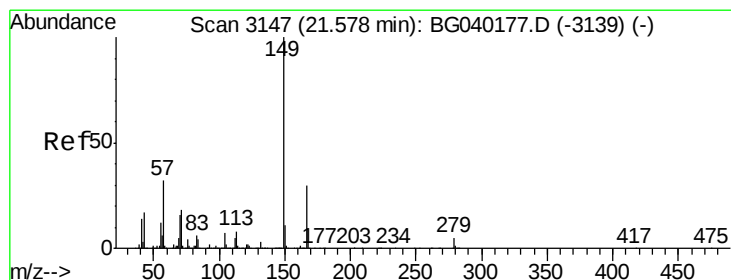
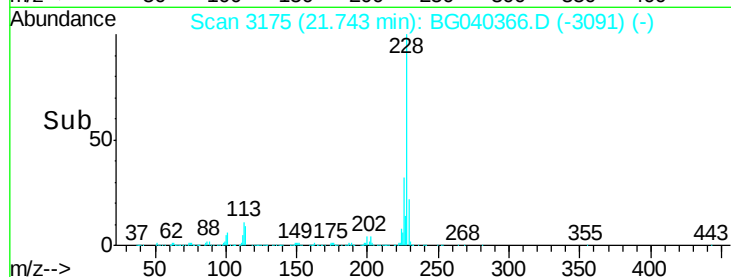
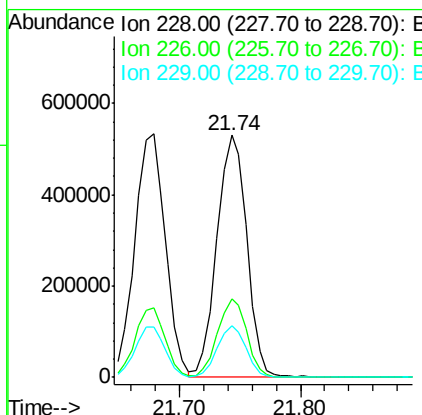
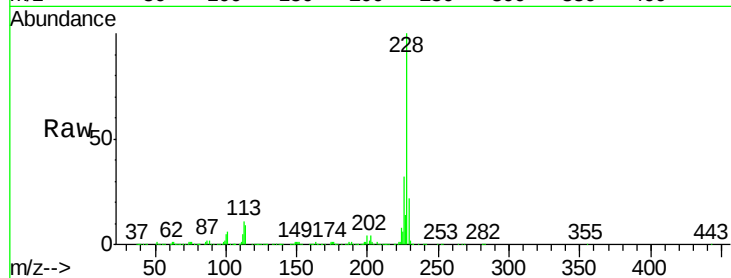




#83
 Chrvsene
 Concen: 40.612 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.03 min
 Lab File: BG040366.D
 Acq: 4 Apr 2019 19:18

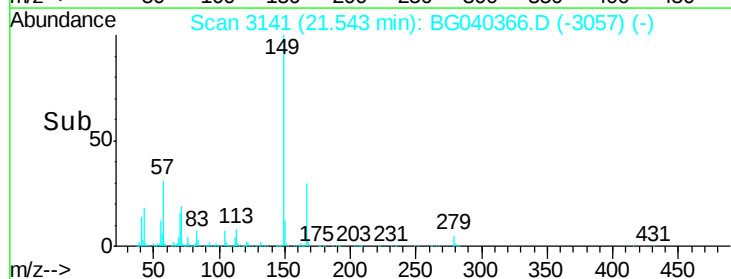
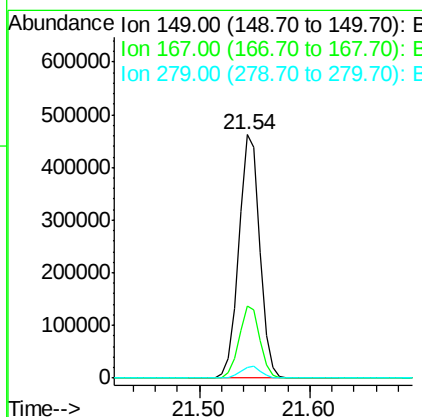
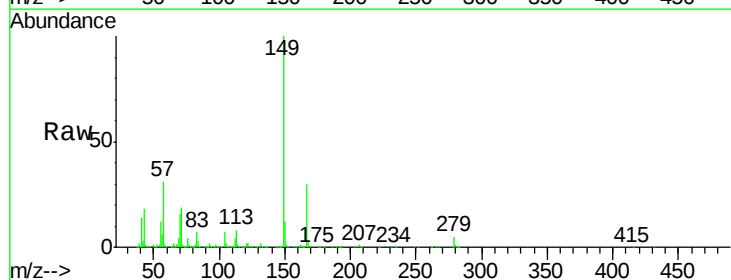
Instrument :
 BNA_G
 ClientSampleId :

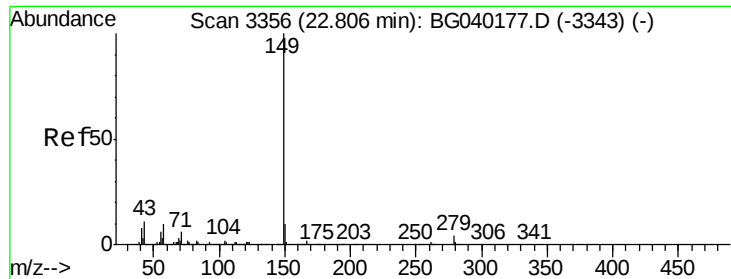
Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.4	38.0
229	21.5	17.0	25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.741 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.03 min
 Lab File: BG040366.D
 Acq: 4 Apr 2019 19:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	24.1	36.1
279	4.6	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 40.867 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Instrument :

BNA_G

ClientSampleId :

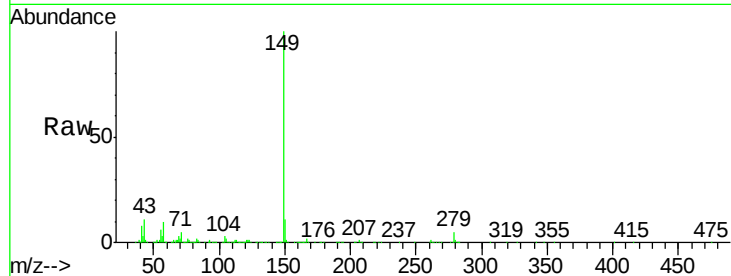
Tot Ion:149 Resp: 1053349

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

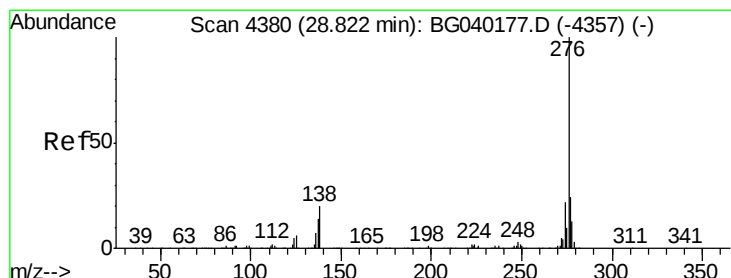
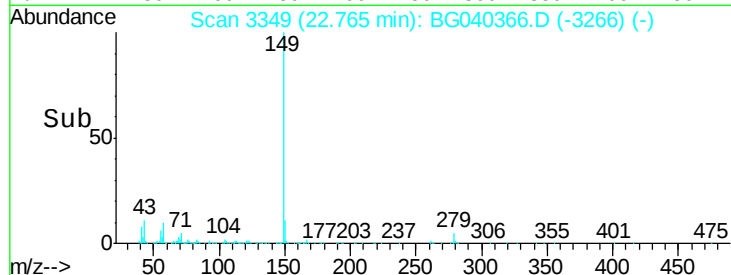
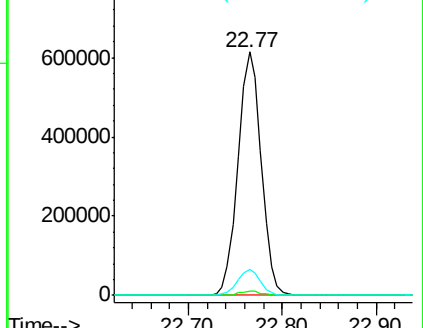
43 10.4 8.7 13.1



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.127 ng

RT: 28.73 min Scan# 4364

Delta R.T. -0.09 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

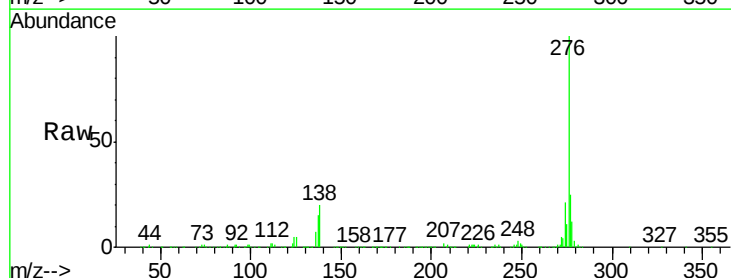
Tgt Ion:276 Resp: 1119843

Ion Ratio Lower Upper

276 100

138 24.0 18.8 28.2

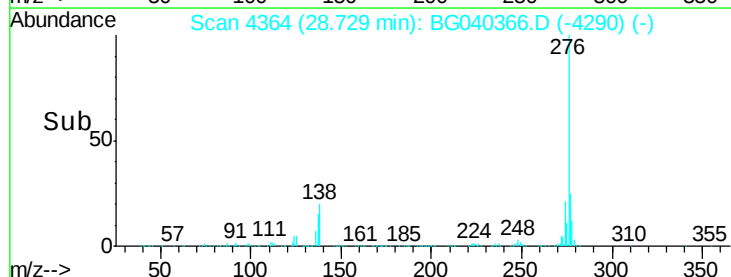
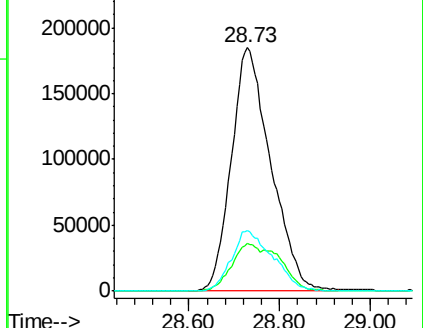
277 26.0 21.0 31.4

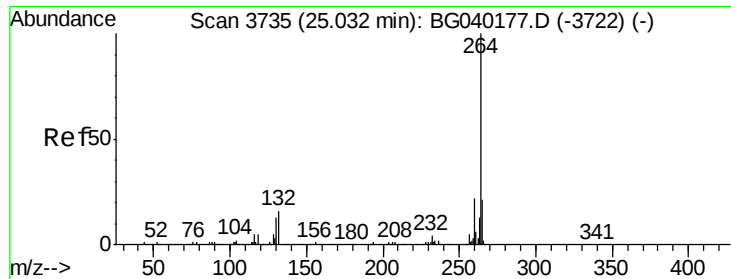


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.97 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Instrument :

BNA_G

ClientSampleId :

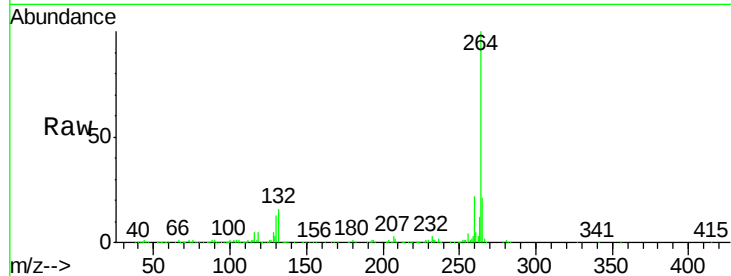
Tot Ion:264 Resp: 371532

Ion Ratio Lower Upper

264 100

260 21.9 17.9 26.9

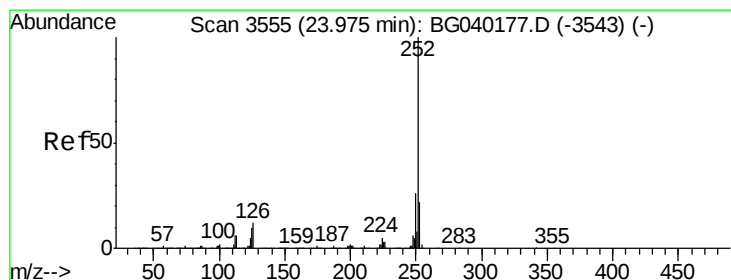
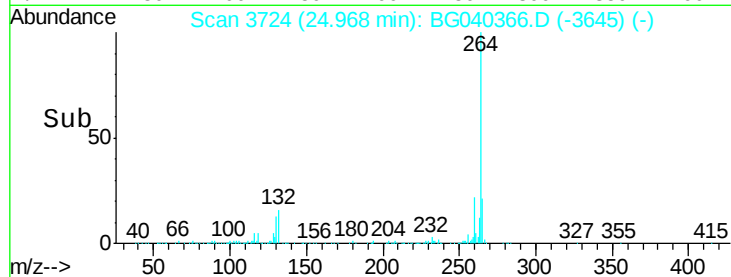
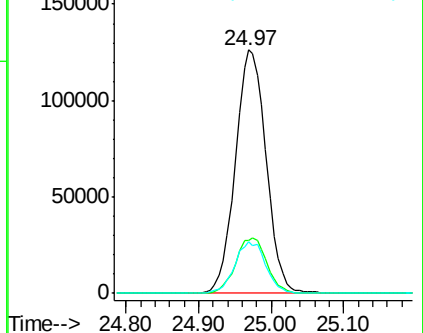
265 21.0 16.8 25.2



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: 42.837 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.05 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

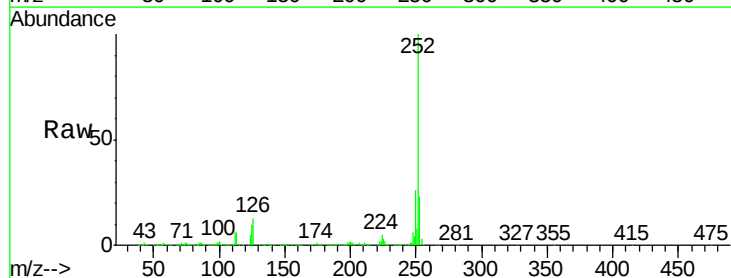
Tgt Ion:252 Resp: 974390

Ion Ratio Lower Upper

252 100

253 23.4 17.6 26.4

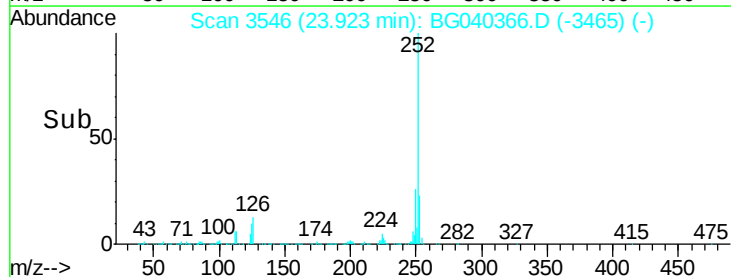
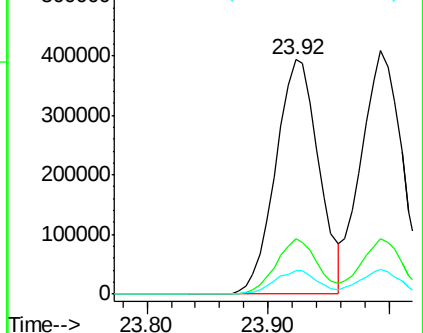
125 10.3 8.2 12.4

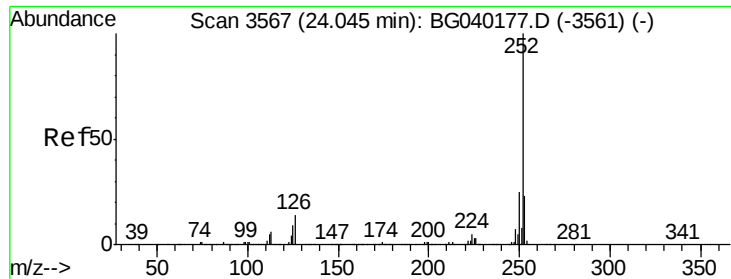


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

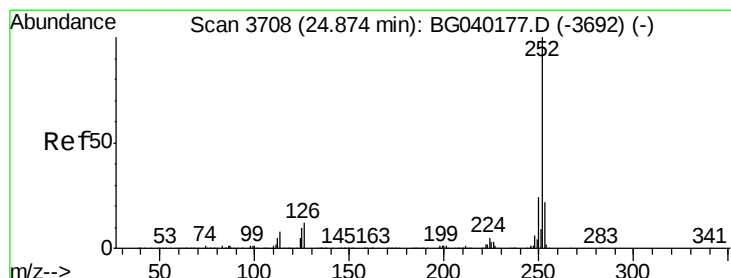
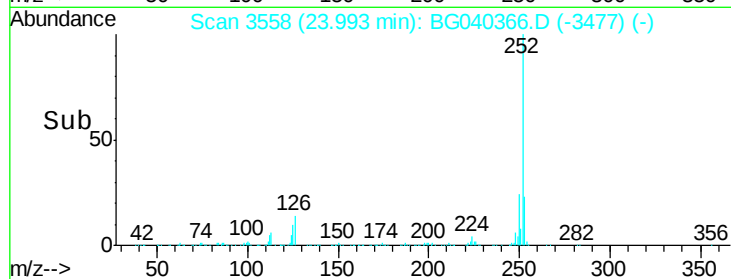
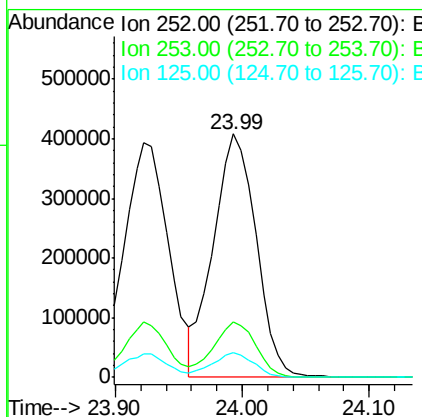
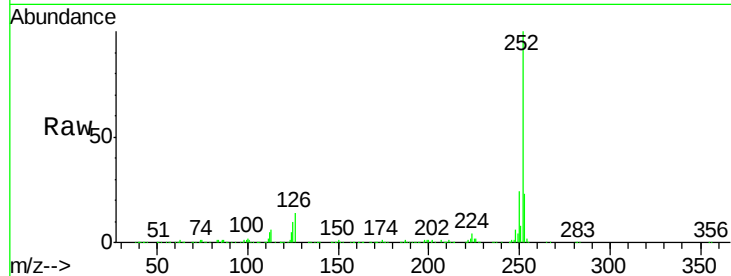




#89
Benzo(k)fluoranthene
Concen: 45.509 ng
RT: 23.99 min Scan# 3558
Delta R.T. -0.05 min
Lab File: BG040366.D
Acq: 4 Apr 2019 19:18

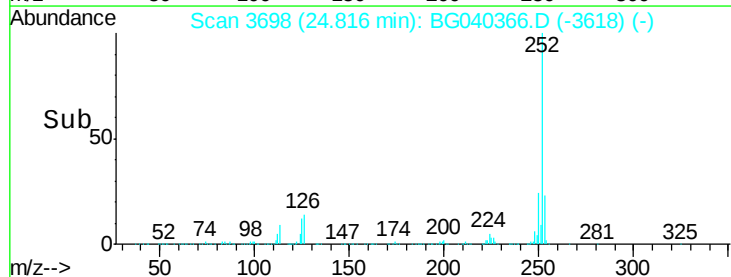
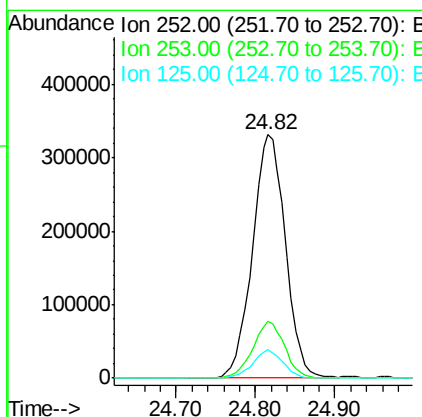
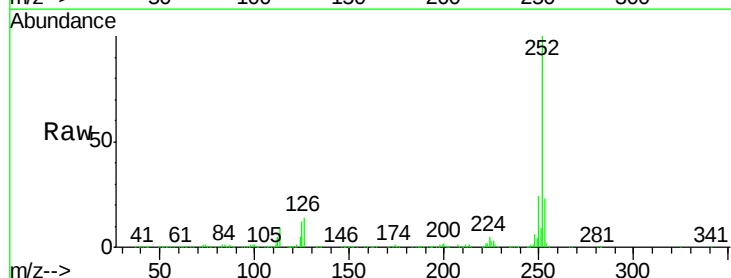
Instrument :
BNA_G
ClientSampled :

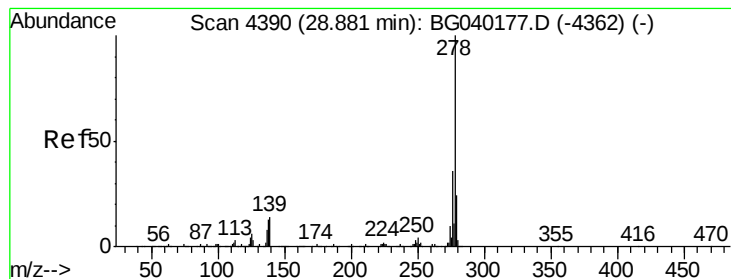
Tot Ion:252 Resp: 951969
Ion Ratio Lower Upper
252 100
253 22.9 18.6 28.0
125 9.9 7.3 10.9



#90
Benzo(a)pyrene
Concen: 44.834 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.06 min
Lab File: BG040366.D
Acq: 4 Apr 2019 19:18

Tgt Ion:252 Resp: 956848
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 11.6 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 45.697 ng

RT: 28.79 min Scan# 4375

Delta R.T. -0.09 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

Instrument :

BNA_G

ClientSampled :

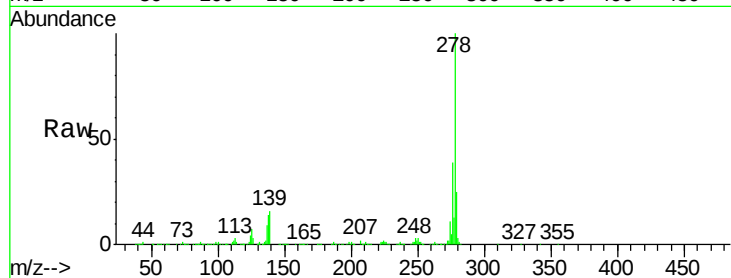
Tot Ion:278 Resp: 905803

Ion Ratio Lower Upper

278 100

139 16.1 11.2 16.8

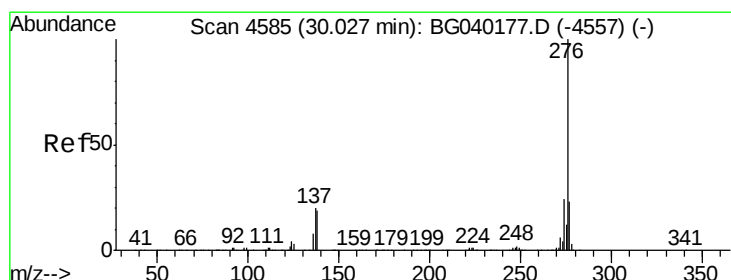
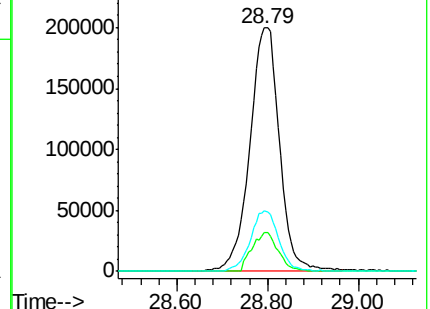
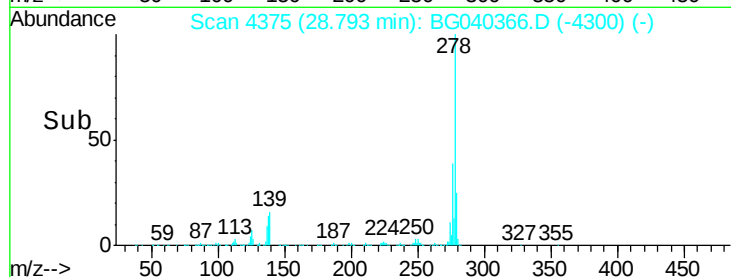
279 25.0 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.526 ng

RT: 29.92 min Scan# 4566

Delta R.T. -0.11 min

Lab File: BG040366.D

Acq: 4 Apr 2019 19:18

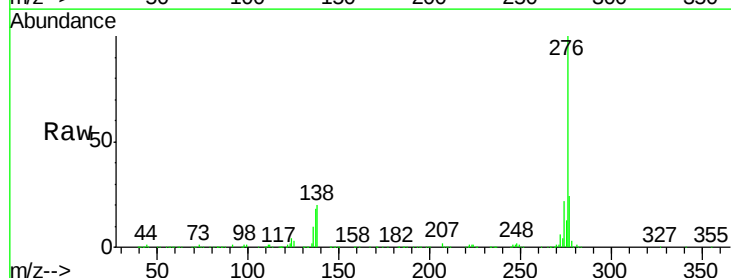
Tgt Ion:276 Resp: 927397

Ion Ratio Lower Upper

276 100

277 24.5 18.6 28.0

138 20.0 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

