

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040419\
 Data File : BG040371.D
 Acq On : 4 Apr 2019 22:39
 Operator : JU/SJ
 Sample : PB118527BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 05 01:22:02 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	81340	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	339562	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	212774	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	517005	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	533850	20.00	ng	-0.03
87) Perylene-d12	24.98	264	523823	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	382945	78.27	ng	-0.02
7) Phenol-d6	7.20	99	545765	80.71	ng	-0.02
23) Nitrobenzene-d5	9.22	82	508929	79.67	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	208977	90.88	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	1142690	79.58	ng	-0.02
79) Terphenyl-d14	20.02	244	1856263	78.22	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.50	88	89056	38.708	ng	98
3) Pyridine	3.90	79	247739	39.993	ng	99
4) n-Nitrosodimethylamine	3.82	42	112483	39.255	ng	# 84
6) Aniline	7.37	93	350282	39.871	ng	97
8) 2-Chlorophenol	7.61	128	227249	39.676	ng	97
9) Benzaldehyde	7.19	77	142658	30.756	ng	97
10) Phenol	7.23	94	303583	41.362	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	232267	39.510	ng	98
12) 1,3-Dichlorobenzene	7.93	146	250985	40.311	ng	99
13) 1,4-Dichlorobenzene	8.08	146	252419	40.705	ng	99
14) 1,2-Dichlorobenzene	8.40	146	238662	40.245	ng	99
15) Benzyl Alcohol	8.29	79	214818	39.447	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	427817	37.920	ng	98
17) 2-Methylphenol	8.48	107	205677	40.497	ng	98
18) Hexachloroethane	9.12	117	90954	38.559	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	188515	38.883	ng	96
20) 3+4-Methylphenols	8.81	107	288500	41.931	ng	99
22) Acetophenone	8.88	105	361886	42.724	ng	# 97
24) Nitrobenzene	9.27	77	273375	41.325	ng	99
25) Isophorone	9.78	82	535448	40.736	ng	98
26) 2-Nitrophenol	9.98	139	134444	42.890	ng	98
27) 2,4-Dimethylphenol	10.02	122	218547	43.893	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	316415	40.688	ng	100
29) 2,4-Dichlorophenol	10.51	162	232603	43.039	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	253860	42.778	ng	97
31) Naphthalene	10.91	128	735524	42.259	ng	99
32) Benzoic acid	10.18	122	114690	38.124	ng	88
33) 4-Chloroaniline	11.03	127	323470	43.570	ng	98
34) Hexachlorobutadiene	11.17	225	155763	41.041	ng	94
35) Caprolactam	11.82	113	58496	27.274	ng	93
36) 4-Chloro-3-methylphenol	12.14	107	269944	43.448	ng	100
37) 2-Methylnaphthalene	12.51	142	552311	42.906	ng	99
38) 1-Methylnaphthalene	12.73	142	520902	41.731	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	281563	41.635	ng	99

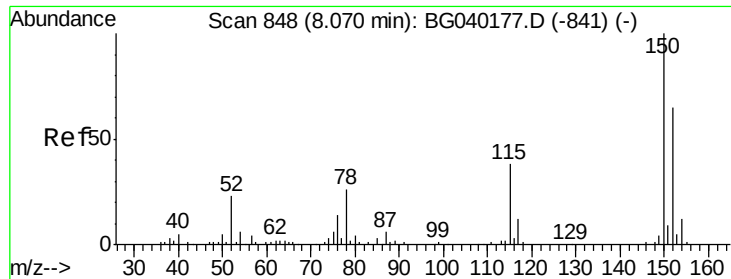
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040419\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	316047	85.114	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	192163	44.073	ng	96
44) 2,4,5-Trichlorophenol	13.19	196	209509	44.085	ng	97
46) 1,1'-Biphenyl	13.51	154	696115	41.406	ng	99
47) 2-Chloronaphthalene	13.56	162	542320	42.054	ng	99
48) 2-Nitroaniline	13.77	65	181591	41.746	ng	98
49) Acenaphthylene	14.41	152	880031	40.249	ng	99
50) Dimethylphthalate	14.13	163	701140	42.104	ng	99
51) 2,6-Dinitrotoluene	14.27	165	161250	43.125	ng	94
52) Acenaphthene	14.75	154	522681	41.719	ng	97
53) 3-Nitroaniline	14.60	138	170334	43.036	ng	99
54) 2,4-Dinitrophenol	14.81	184	190551	95.825	ng	88
55) Dibenzofuran	15.08	168	843417	41.895	ng	99
56) 4-Nitrophenol	14.90	139	269533	84.377	ng	97
57) 2,4-Dinitrotoluene	15.05	165	230567	44.378	ng	98
58) Fluorene	15.72	166	665435	42.042	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.30	232	190067	44.073	ng	99
60) Diethylphthalate	15.48	149	723484	42.457	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	365095	43.153	ng	97
62) 4-Nitroaniline	15.76	138	189965	44.724	ng	99
63) Azobenzene	16.00	77	669375	41.645	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	144973	49.911	ng	100
66) n-Nitrosodiphenylamine	15.93	169	625661	41.355	ng	97
67) 4-Bromophenyl-phenylether	16.61	248	239917	41.236	ng	98
68) Hexachlorobenzene	16.72	284	245506	41.968	ng	98
69) Atrazine	16.87	200	133073	23.645	ng	97
70) Pentachlorophenol	17.07	266	273232	80.789	ng	96
71) Phenanthrene	17.47	178	1112763	40.948	ng	99
72) Anthracene	17.56	178	1141200	41.956	ng	99
73) Carbazole	17.83	167	1078708	41.906	ng	99
74) Di-n-butylphthalate	18.36	149	1267362	41.536	ng	99
75) Fluoranthene	19.47	202	1384040	43.012	ng	98
77) Benzidine	19.66	184	1006746	52.223	ng	99
78) Pyrene	19.84	202	1375640	39.185	ng	97
80) Butylbenzylphthalate	20.70	149	629863	41.928	ng	96
81) Benzo(a)anthracene	21.68	228	1366856	41.568	ng	97
82) 3,3'-Dichlorobenzidine	21.60	252	534619	42.740	ng	98
83) Chrysene	21.74	228	1287869	40.753	ng	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	880721	41.013	ng	99
85) Di-n-octyl phthalate	22.77	149	1528871	41.787	ng	100
86) Indeno(1,2,3-cd)pyrene	28.74	276	1665045	43.079	ng	# 91
88) Benzo(b)fluoranthene	23.93	252	1422009	44.340	ng	98
89) Benzo(k)fluoranthene	24.00	252	1386919	47.026	ng	98
90) Benzo(a)pyrene	24.82	252	1406549	46.744	ng	99
91) Dibenzo(a,h)anthracene	28.81	278	1340035	47.950	ng	97
92) Benzo(g,h,i)perylene	29.93	276	1383102	48.157	ng	98

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

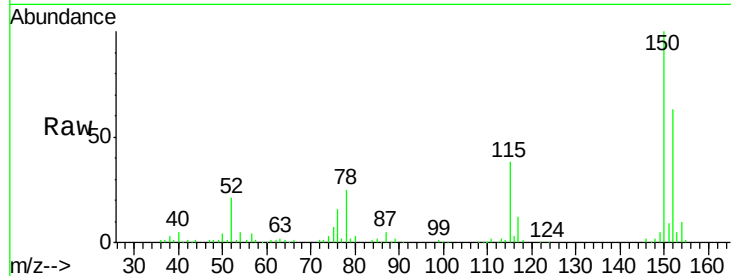


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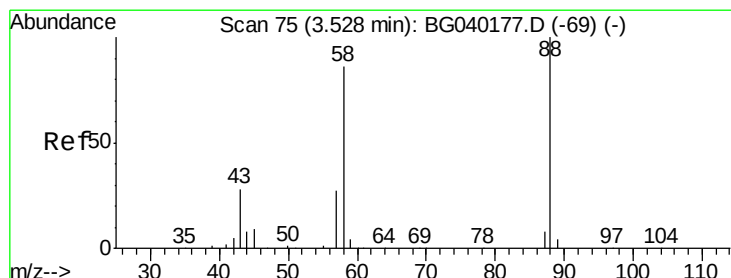
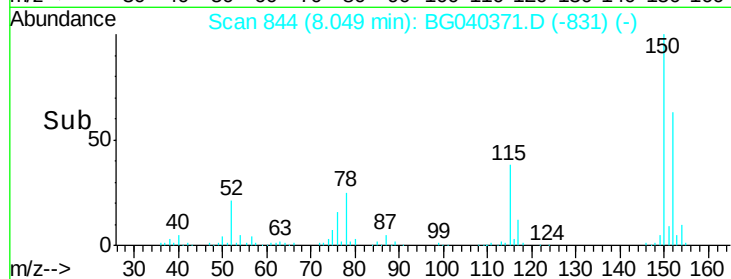
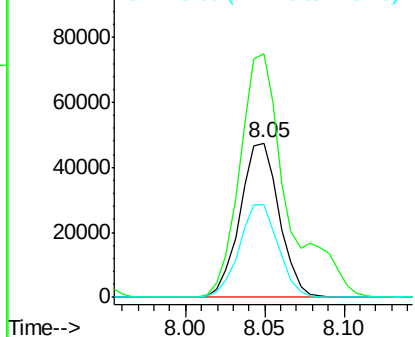
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 81340
Ion Ratio Lower Upper
152 100
150 157.8 123.7 185.5
115 60.1 46.9 70.3



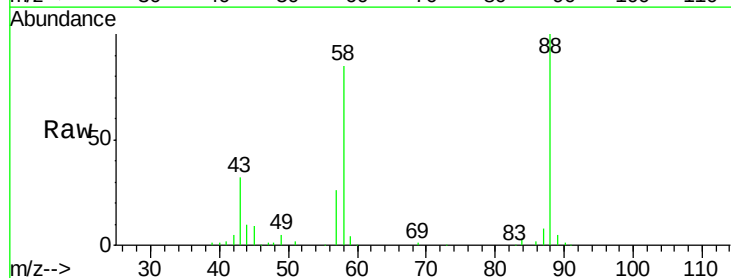
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



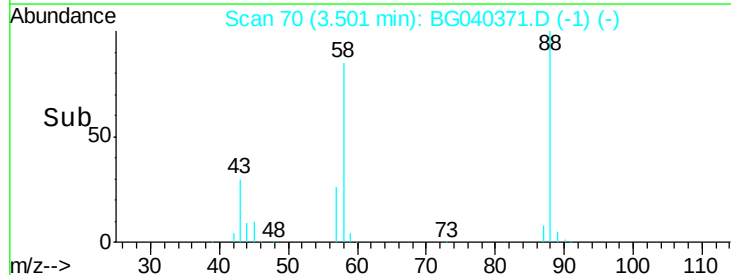
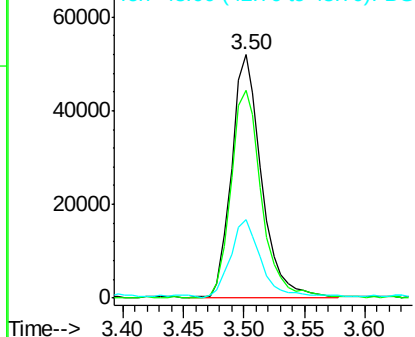
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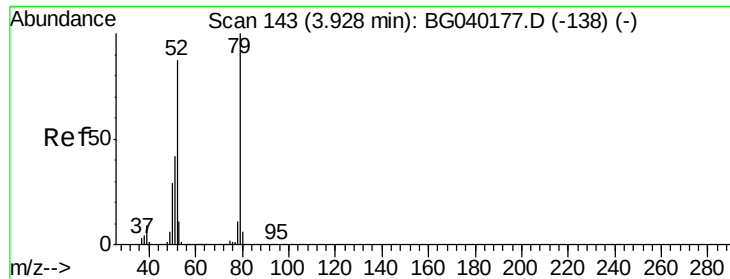
1,4-Dioxane
Concen: 38.708 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion: 88 Resp: 89056
Ion Ratio Lower Upper
88 100
58 87.8 70.6 106.0
43 34.5 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: 39.993 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

ClientSampled :

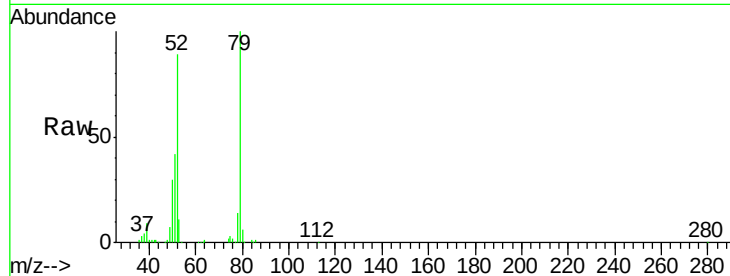
Tot Ion: 79 Resp: 247739

Ion Ratio Lower Upper

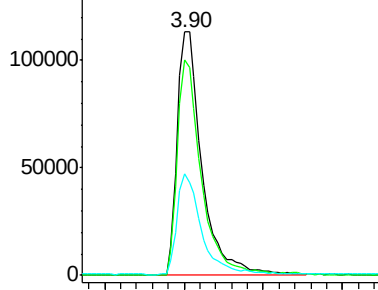
79 100

52 88.5 69.8 104.8

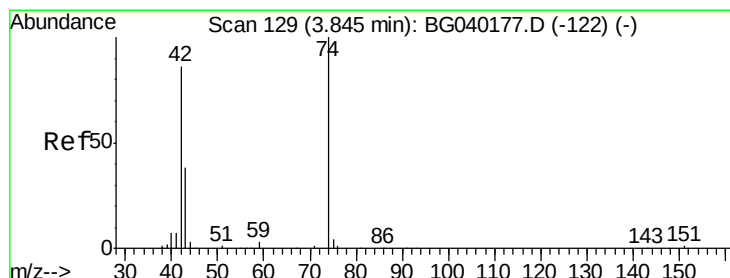
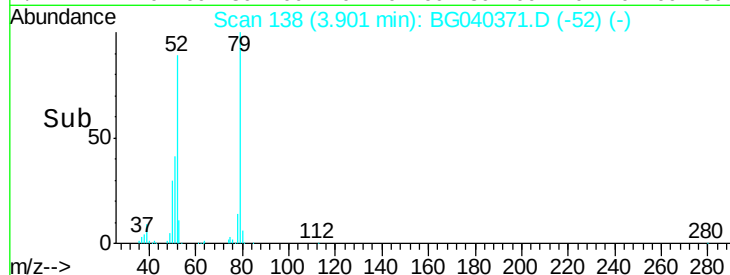
51 41.9 33.9 50.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



Time--> 3.80 3.90 4.00 4.10



#4

n-Nitrosodimethylamine

Concen: 39.255 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

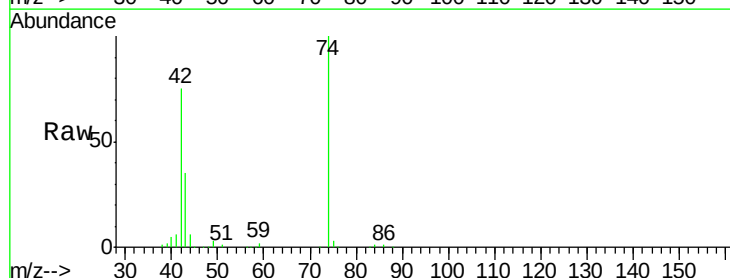
Tgt Ion: 42 Resp: 112483

Ion Ratio Lower Upper

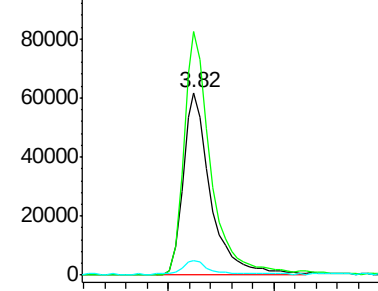
42 100

74 133.6 92.9 139.3

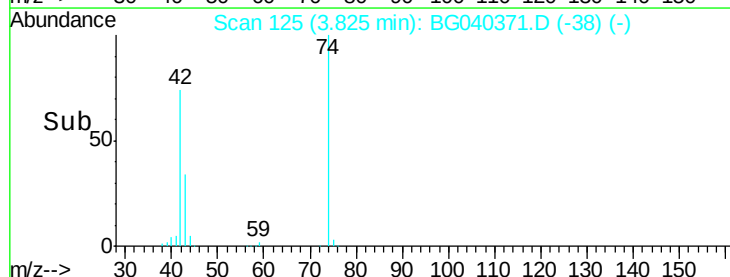
44 7.8 9.7 14.5#

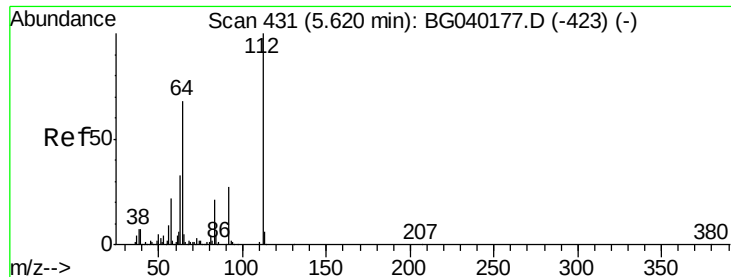


Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC



Time--> 3.80 3.90





#5

2-Fluorophenol

Concen: 78.266 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

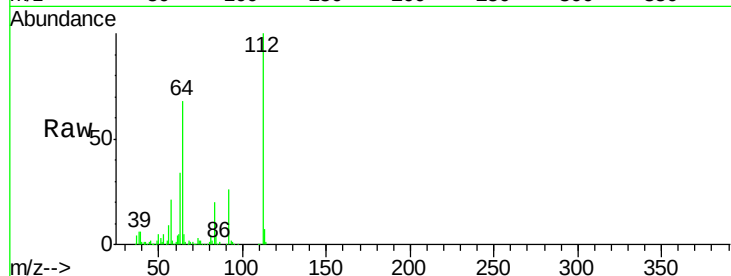
Tot Ion:112 Resp: 382945

Ion Ratio Lower Upper

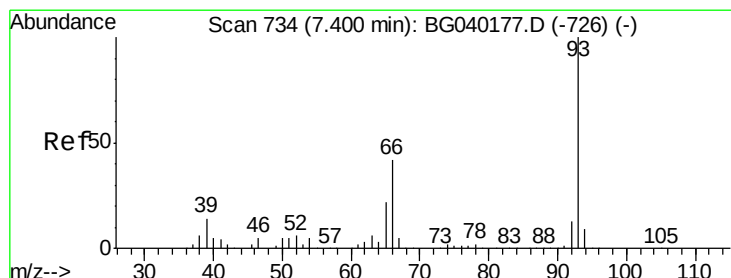
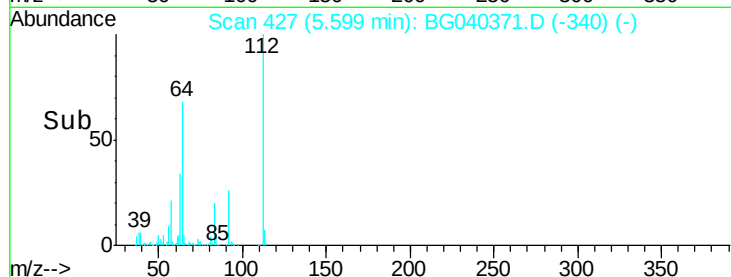
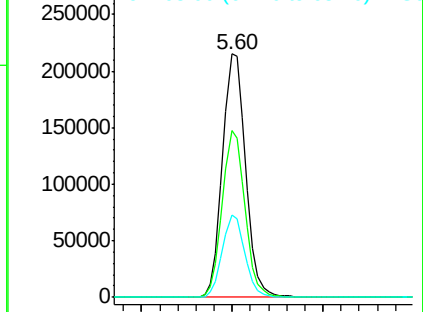
112 100

64 68.4 54.2 81.2

63 33.6 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.871 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

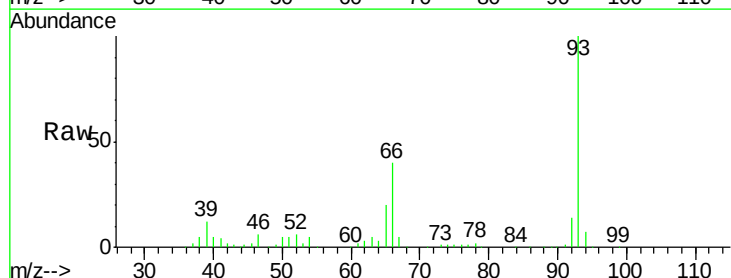
Tgt Ion: 93 Resp: 350282

Ion Ratio Lower Upper

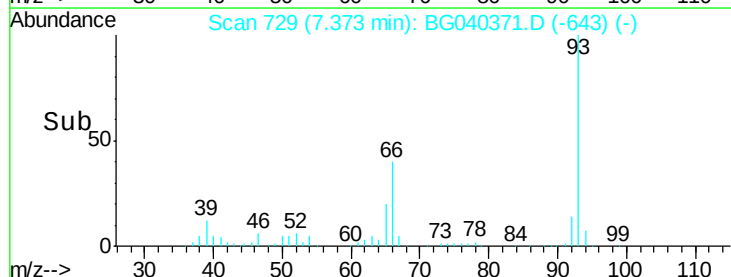
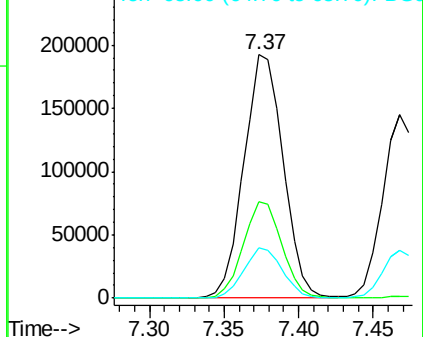
93 100

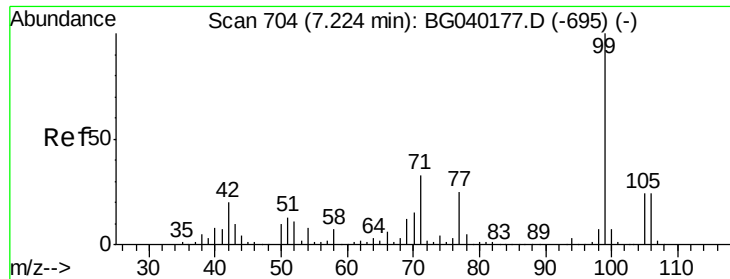
66 39.7 33.6 50.4

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: 80.710 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

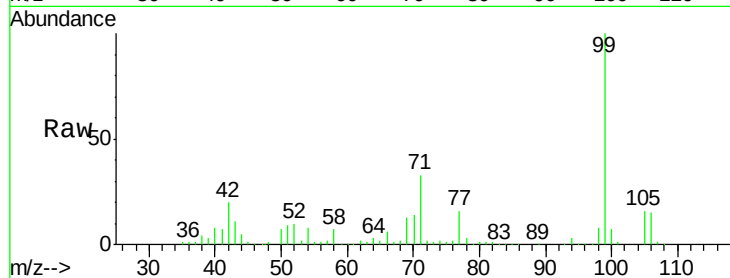
Tot Ion: 99 Resp: 545765

Ion Ratio Lower Upper

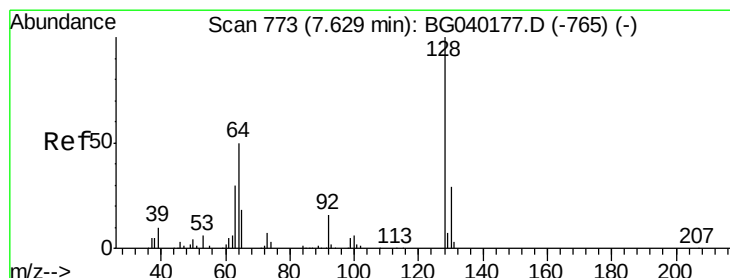
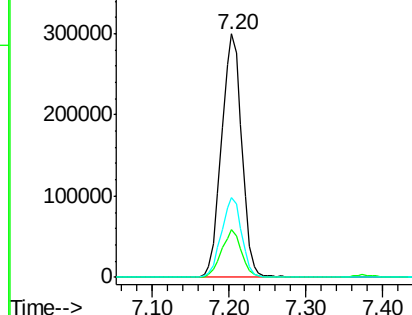
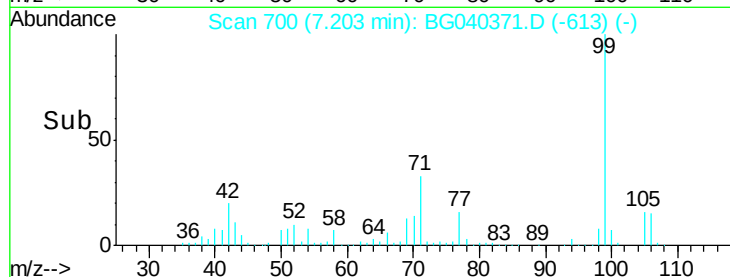
99 100

42 19.7 16.2 24.2

71 32.5 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: 39.676 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

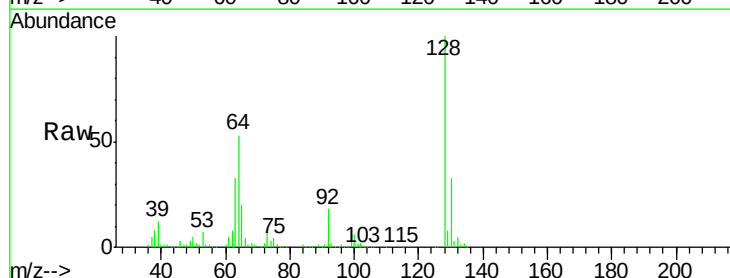
Tgt Ion: 128 Resp: 227249

Ion Ratio Lower Upper

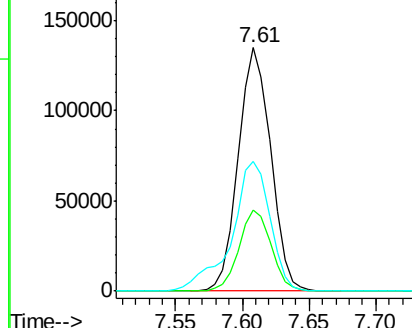
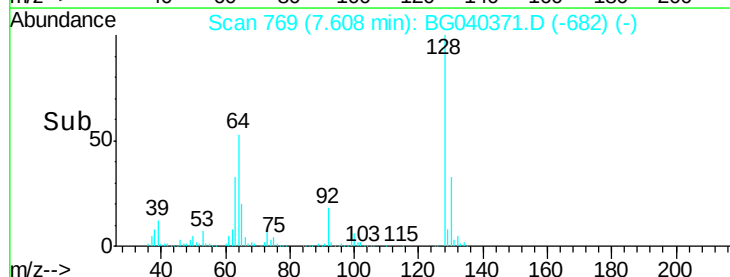
128 100

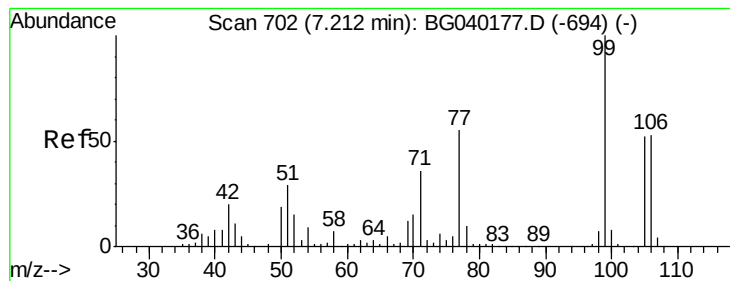
130 33.1 9.1 49.1

64 53.0 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: 30.756 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

ClientSampled :

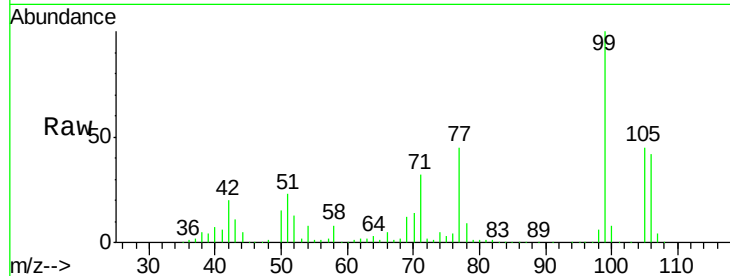
Tot Ion: 77 Resp: 142658

Ion Ratio Lower Upper

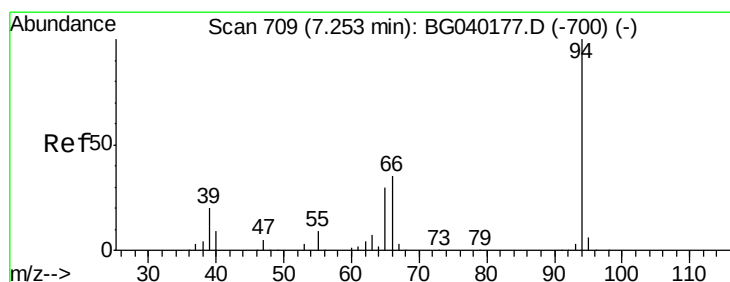
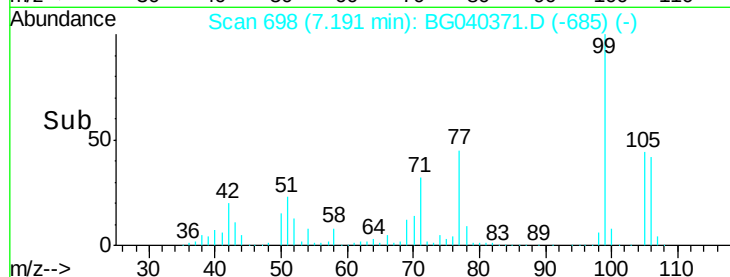
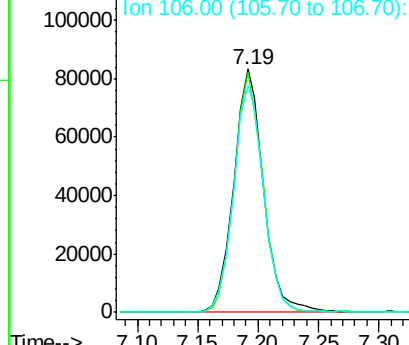
77 100

105 98.4 75.0 115.0

106 93.3 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: 41.362 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

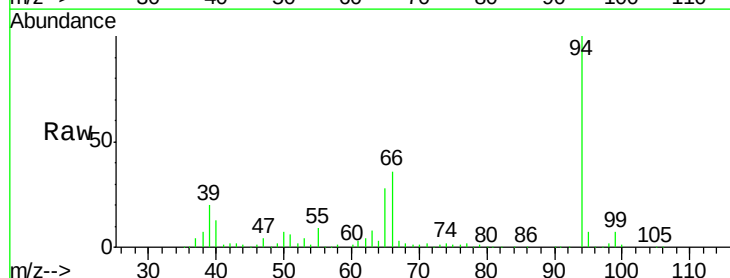
Tgt Ion: 94 Resp: 303583

Ion Ratio Lower Upper

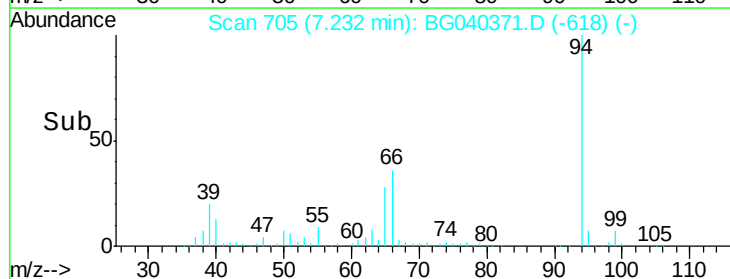
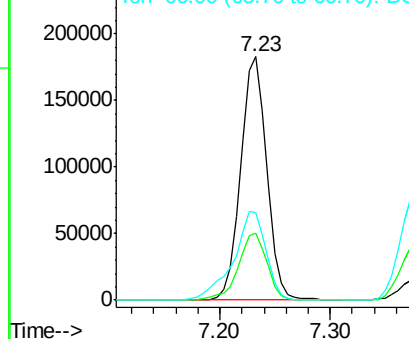
94 100

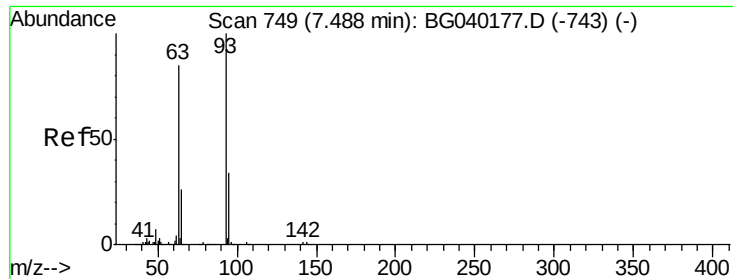
65 27.6 10.5 50.5

66 36.1 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

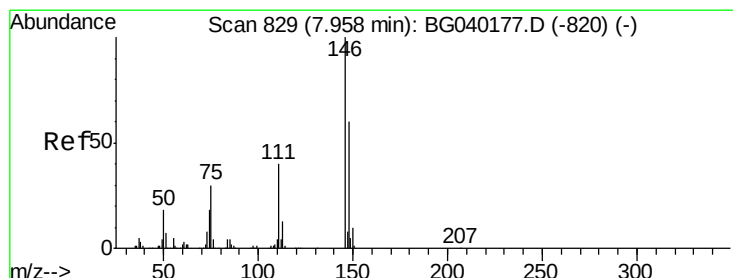
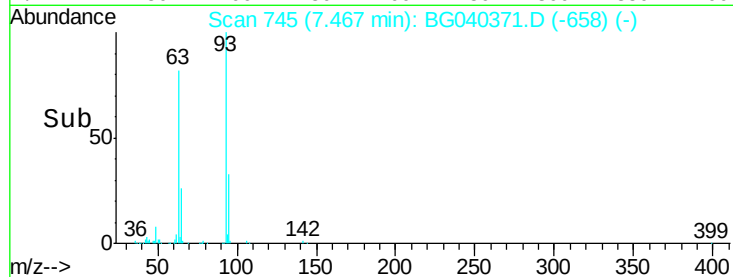
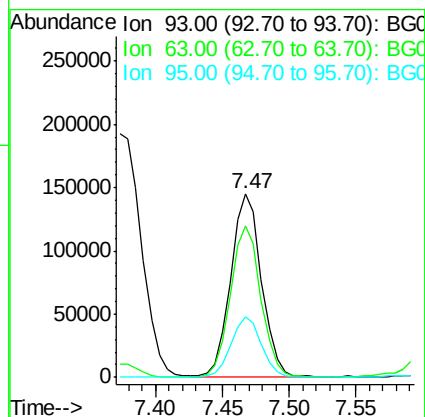
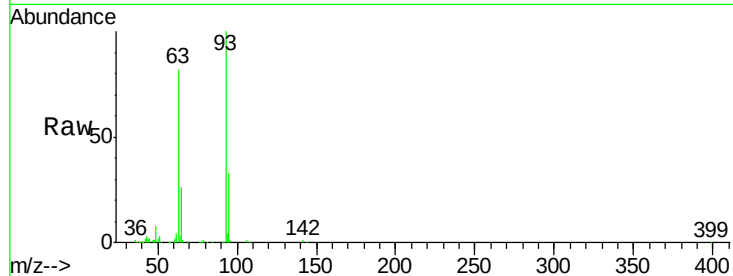




#11
bis(2-Chloroethyl)ether
Concen: 39.510 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

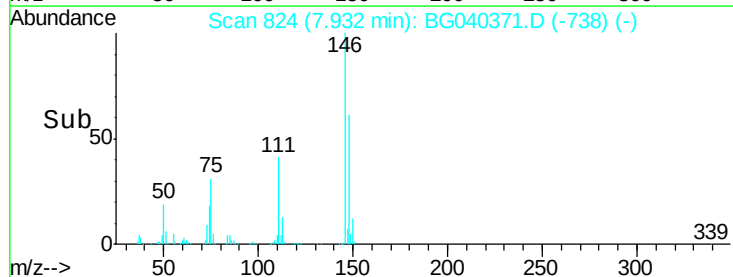
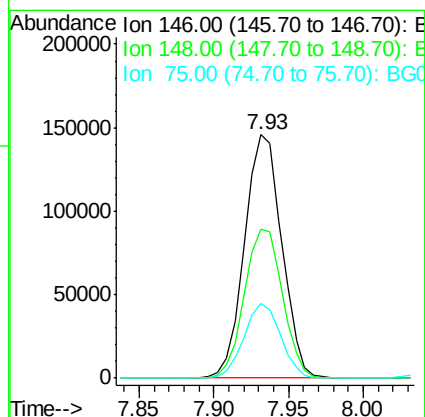
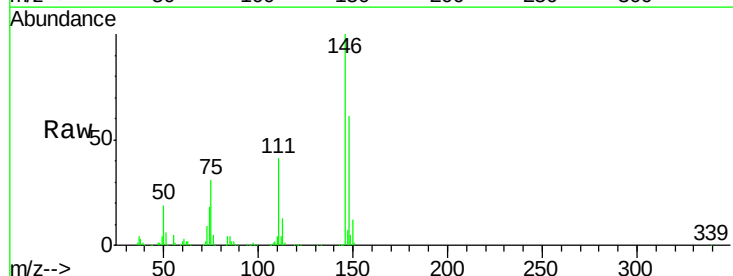
Instrument :
BNA_G
ClientSampleId :

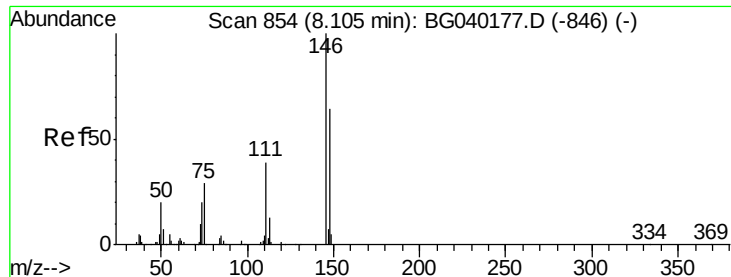
Tot Ion: 93 Resp: 232267
Ion Ratio Lower Upper
93 100
63 82.0 64.2 104.2
95 32.8 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 40.311 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion: 146 Resp: 250985
Ion Ratio Lower Upper
146 100
148 61.1 48.2 72.2
75 30.5 24.1 36.1

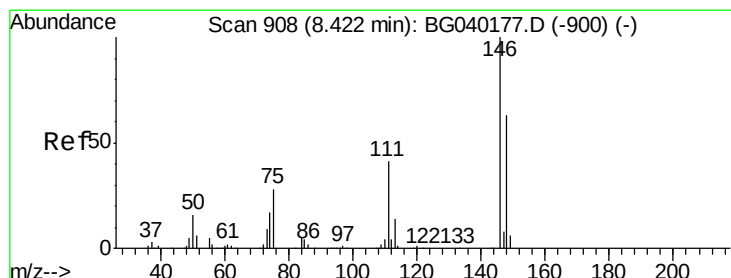
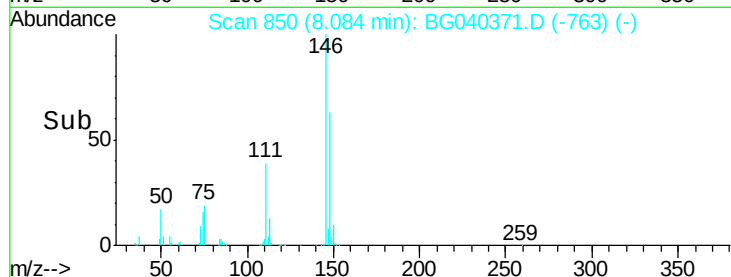
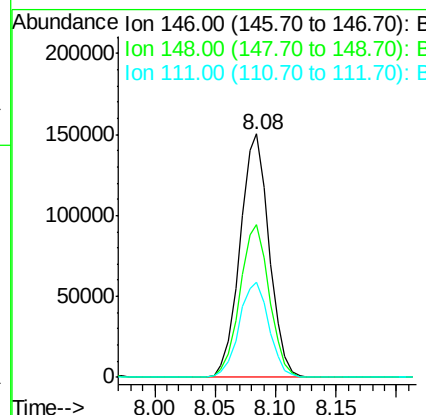
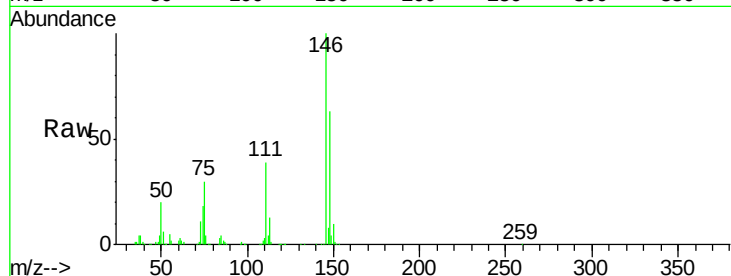




#13
 1,4-Dichlorobenzene
 Concen: 40.705 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

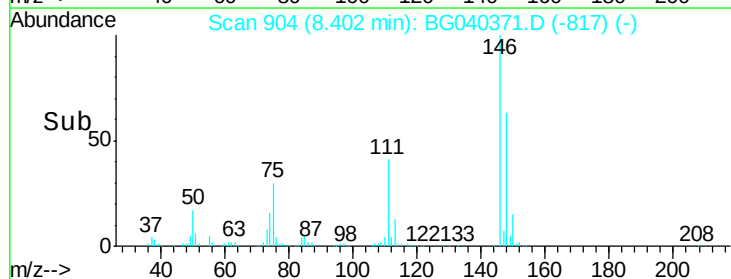
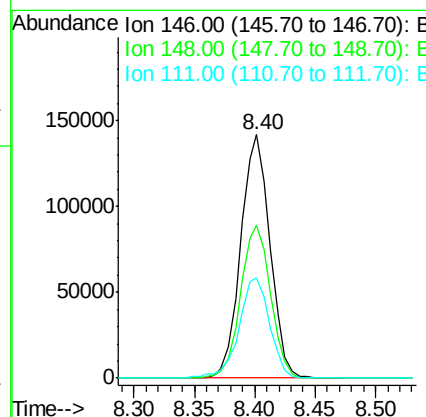
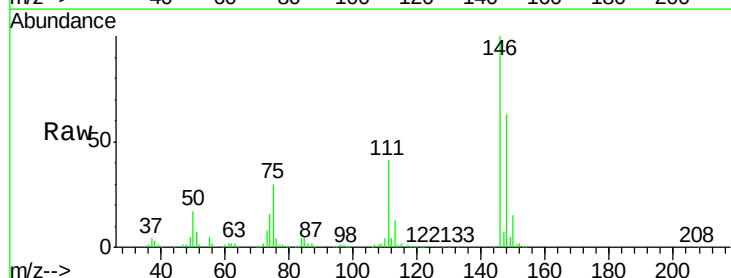
Instrument :
 BNA_G
 ClientSampleId :

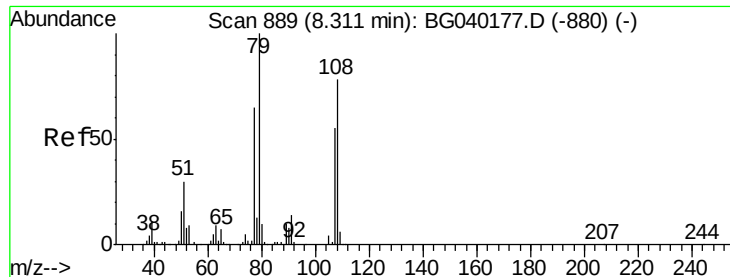
Tot Ion:146 Resp: 252419
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.0 76.4
 111 39.1 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 40.245 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Tgt Ion:146 Resp: 238662
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.8 76.2
 111 41.3 33.4 50.0





#15

Benzyl Alcohol

Concen: 39.447 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

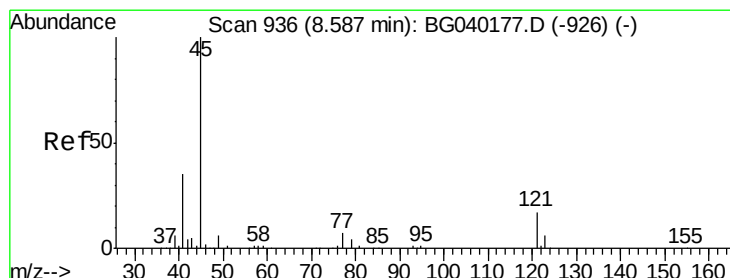
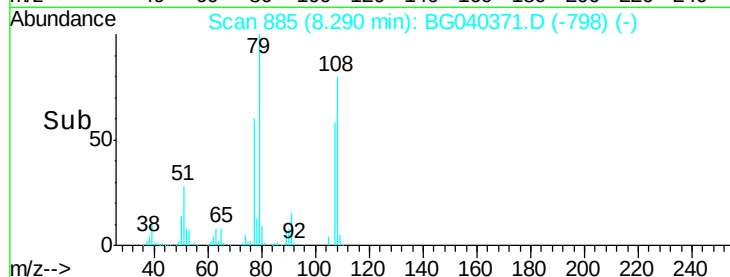
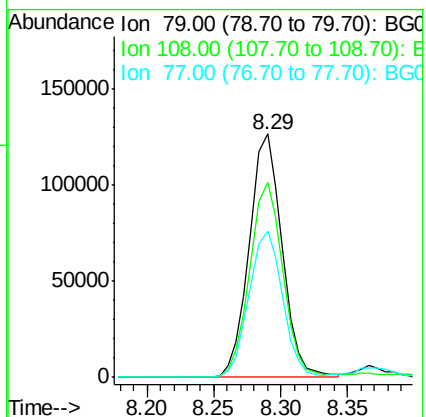
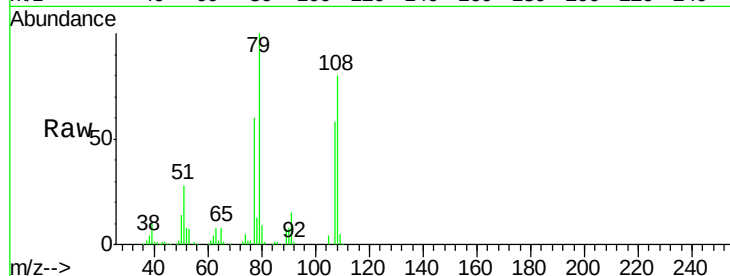
Tot Ion: 79 Resp: 214818

Ion Ratio Lower Upper

79 100

108 80.2 62.1 93.1

77 59.9 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.920 ng

RT: 8.57 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

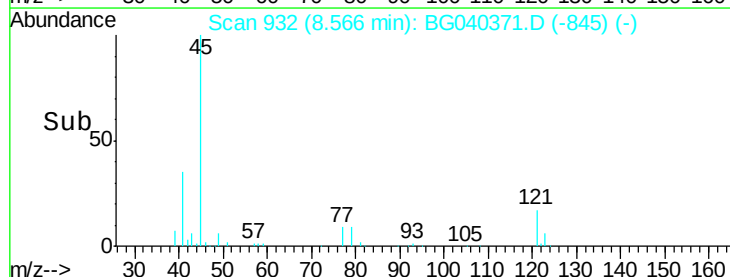
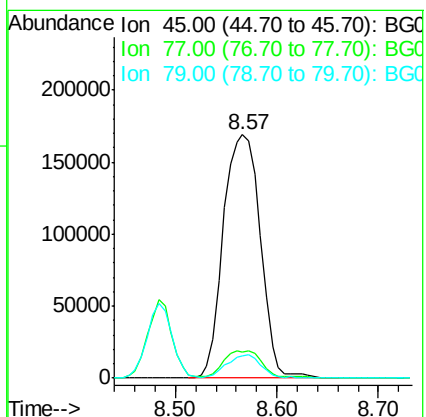
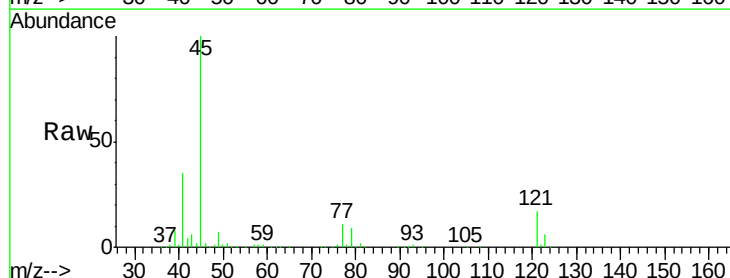
Tgt Ion: 45 Resp: 427817

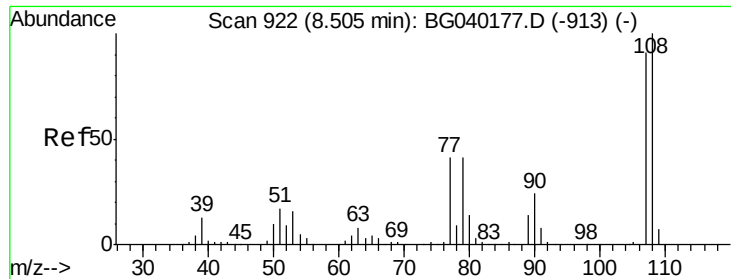
Ion Ratio Lower Upper

45 100

77 10.6 0.0 31.4

79 9.1 0.0 28.3

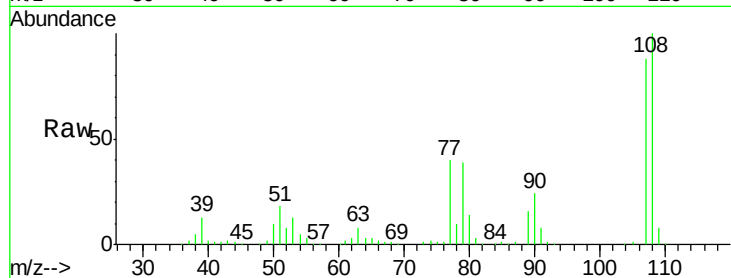




#17
2-Methylphenol
Concen: 40.497 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	205677
Ion	Ratio	Lower	Upper
107	100		
108	113.5	88.2	132.4
77	45.9	36.6	55.0
79	43.8	36.5	54.7



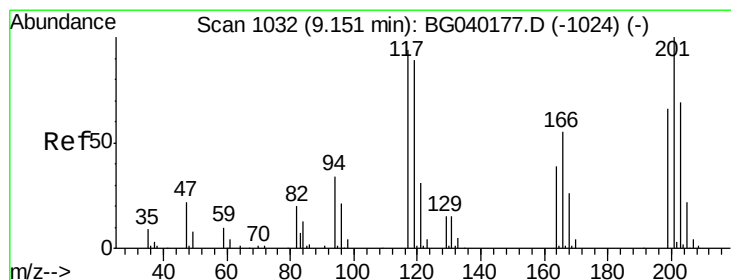
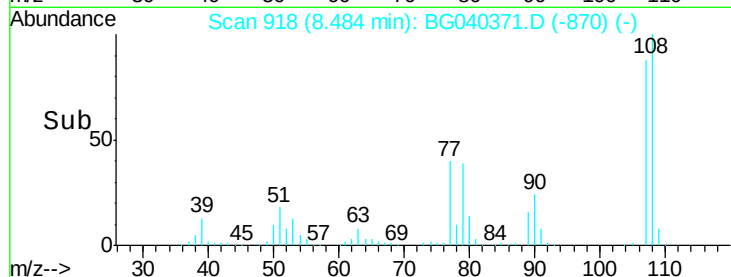
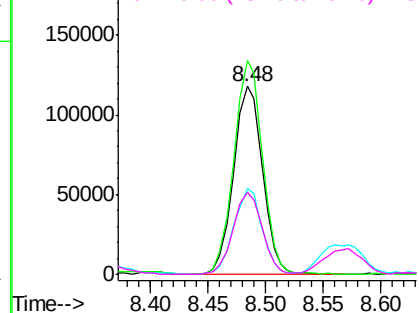
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

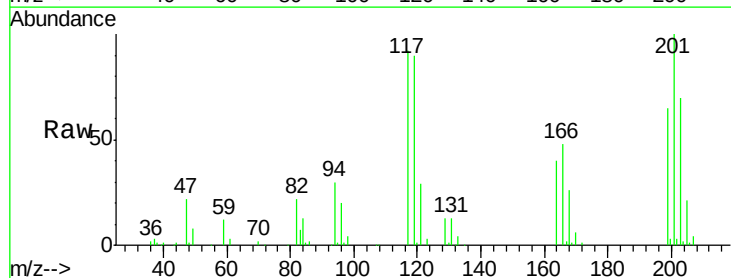
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.559 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion:	117	Resp:	90954
Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.6	115.0
201	108.8	85.0	127.4

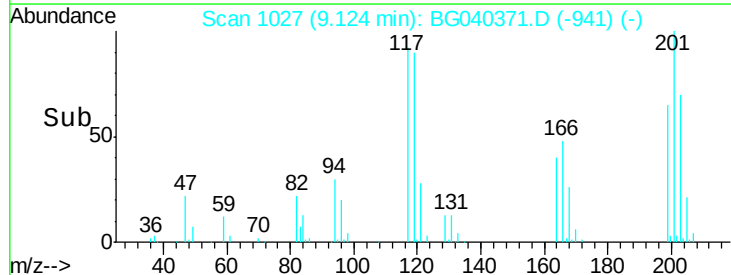
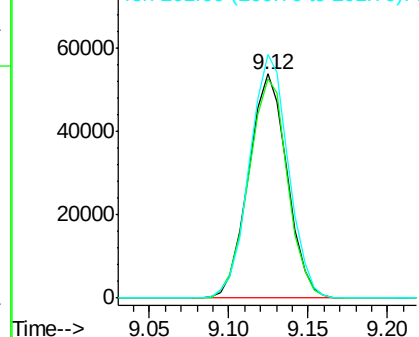


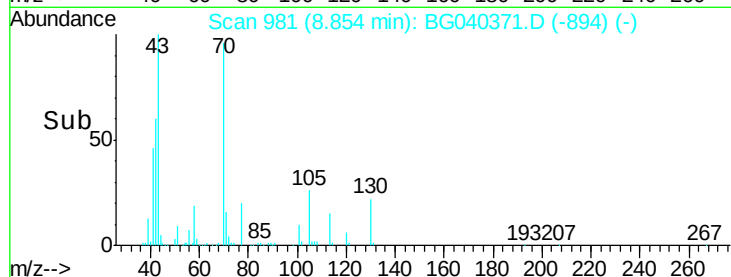
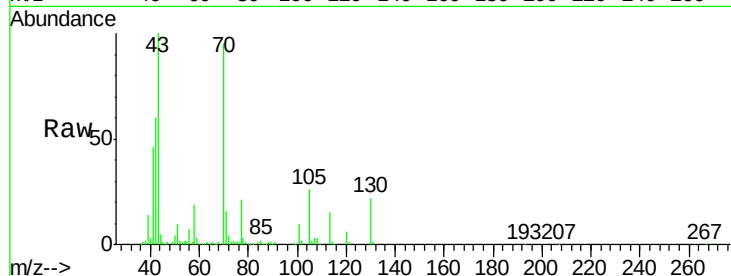
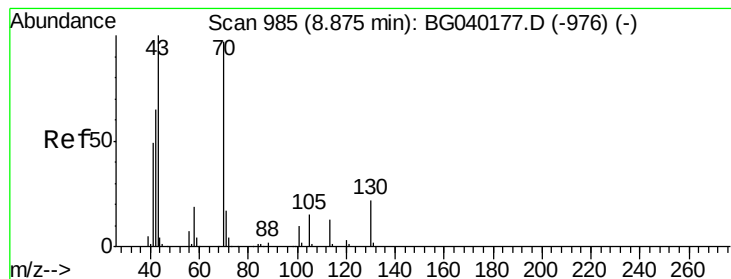
Abundance

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: 38.883 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 188515

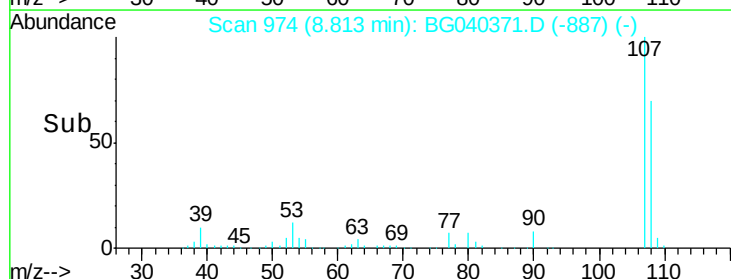
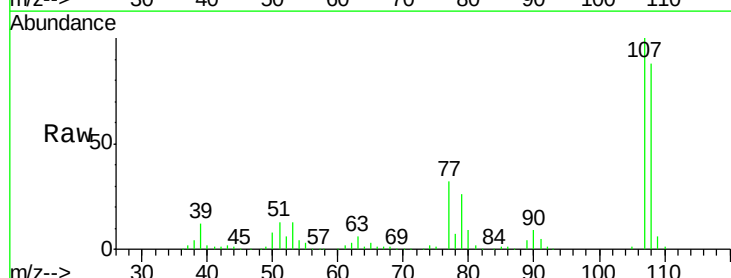
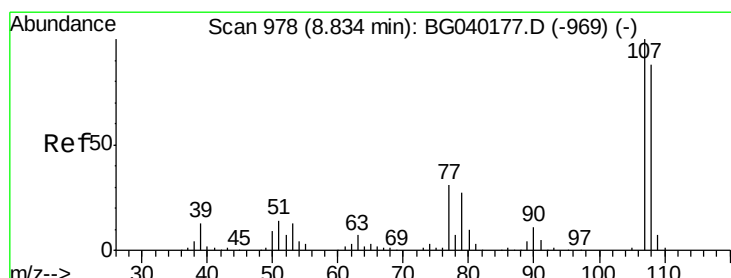
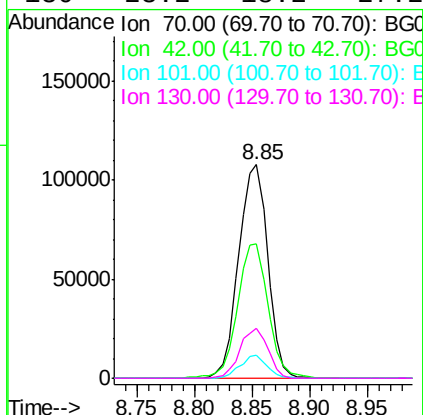
Ion Ratio Lower Upper

70 100

42 62.9 54.0 81.0

101 10.7 8.6 13.0

130 23.2 18.2 27.2



#20

3+4-Methylphenols

Concen: 41.931 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Tgt Ion: 107 Resp: 288500

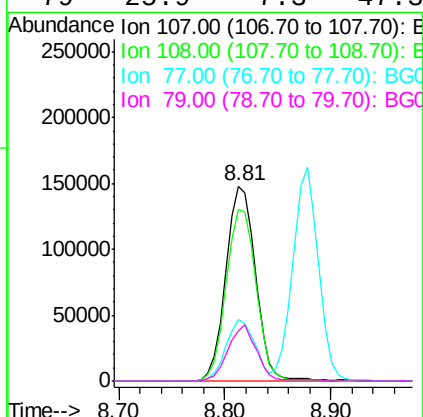
Ion Ratio Lower Upper

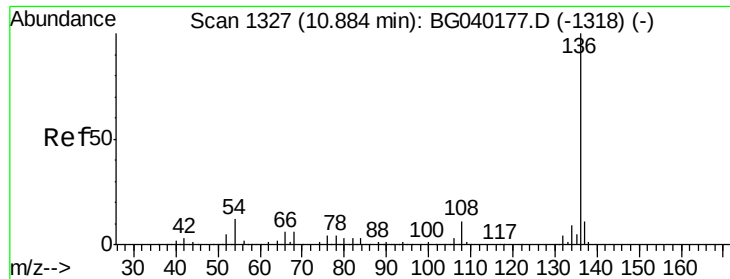
107 100

108 88.1 68.3 108.3

77 31.7 11.3 51.3

79 25.9 7.3 47.3

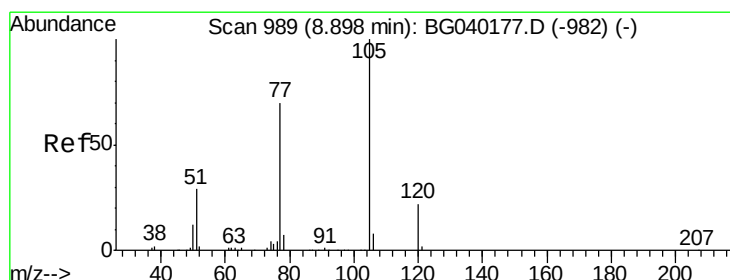
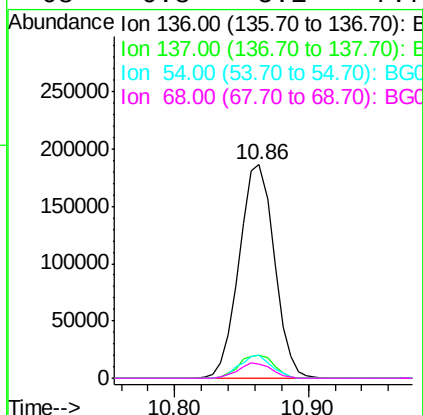
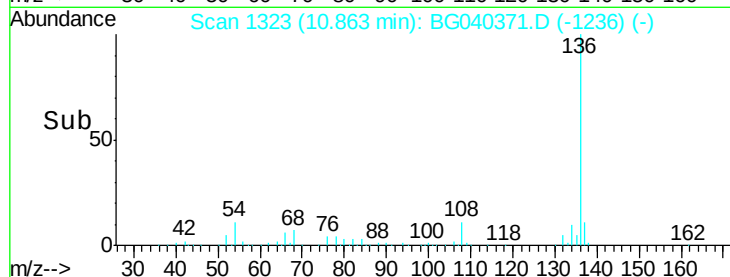
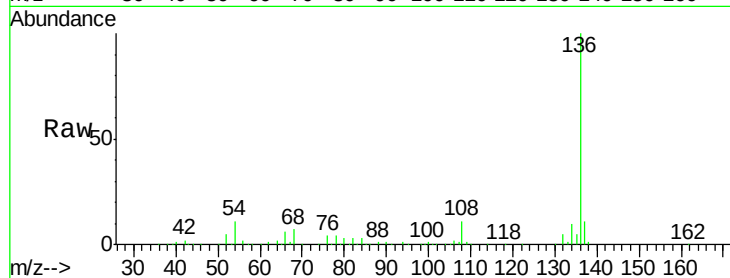




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

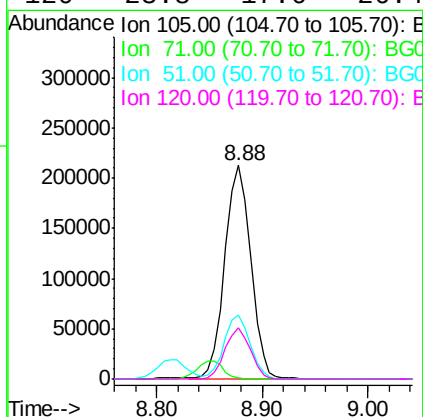
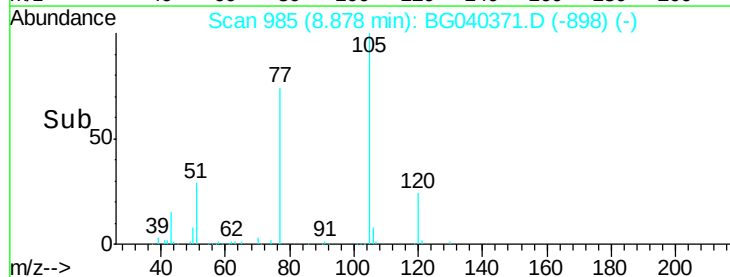
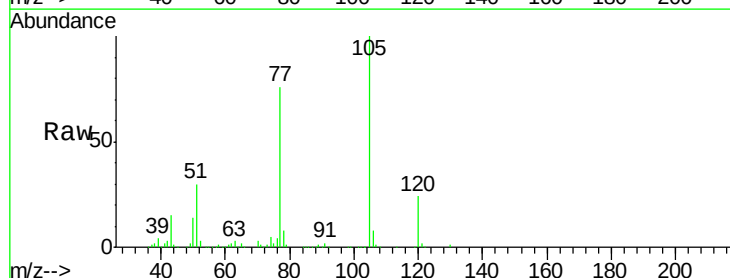
Instrument :
BNA_G
ClientSampleId :

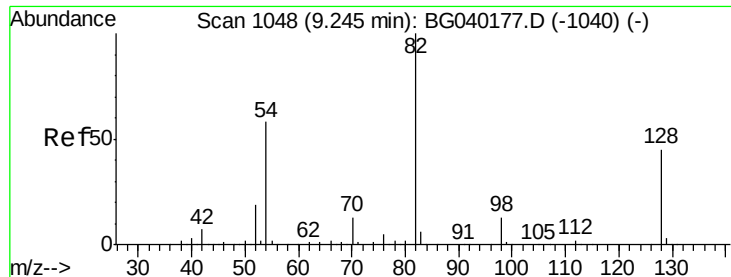
Tot Ion:136	Resp:	339562	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.9	13.3	
54 11.0	9.6	14.4	
68 6.8	5.1	7.7	



#22
Acetophenone
Concen: 42.724 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt	Ion:105	Resp:	361886
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.6	1.0#
51	30.0	25.1	37.7
120	23.8	17.6	26.4

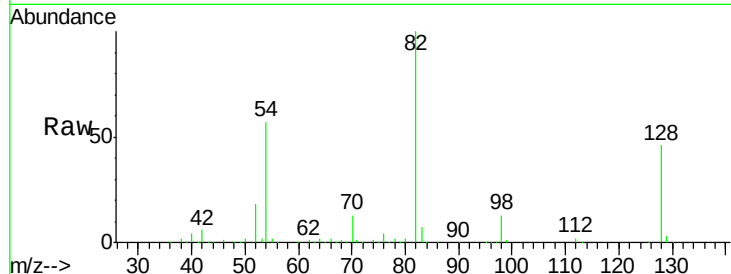




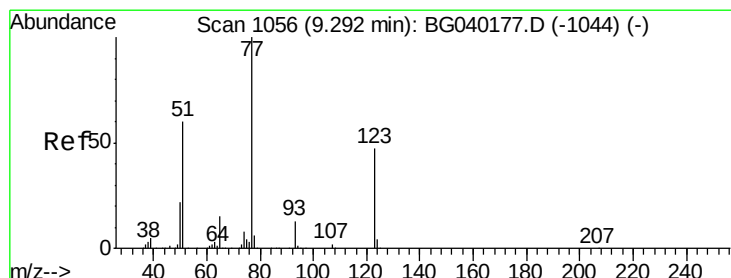
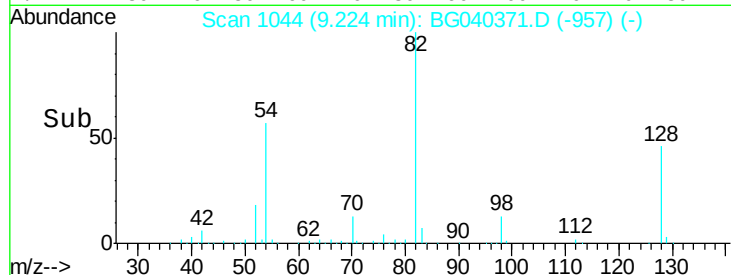
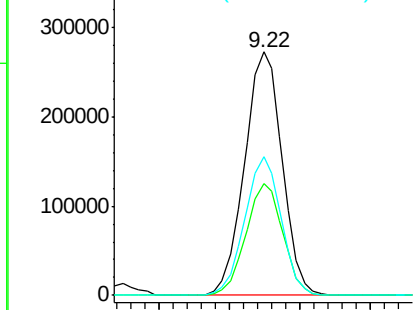
#23
 Nitrobenzene-d5
 Concen: 79.665 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	508929
Ion Ratio	100	Lower	Upper
128	46.1	35.8	53.8
54	56.8	46.2	69.2

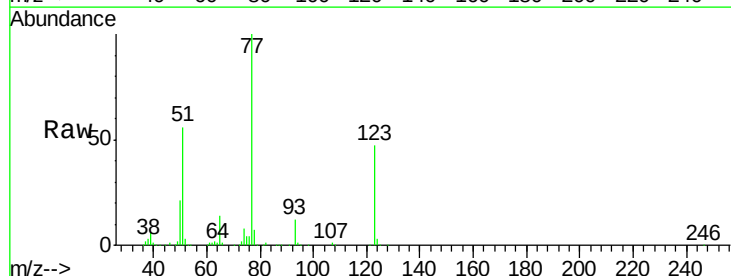


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

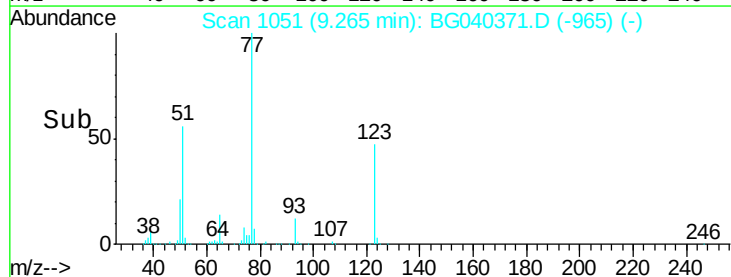
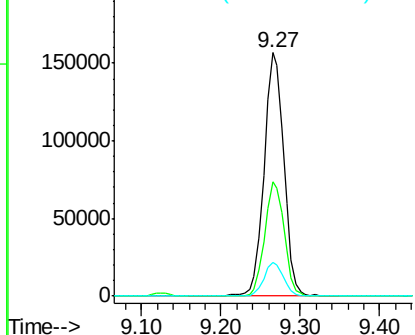


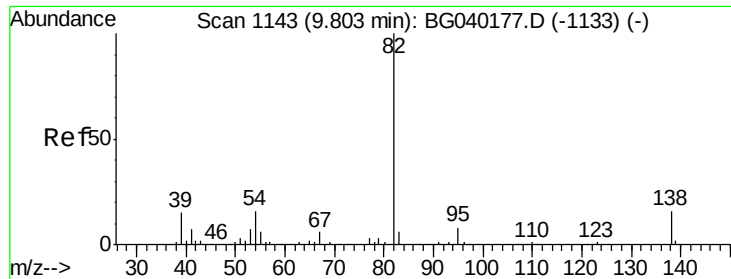
#24
 Nitrobenzene
 Concen: 41.325 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Tgt Ion	77	Resp	273375
Ion Ratio	100	Lower	Upper
123	47.1	37.8	56.6
65	13.8	12.0	18.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 40.736 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

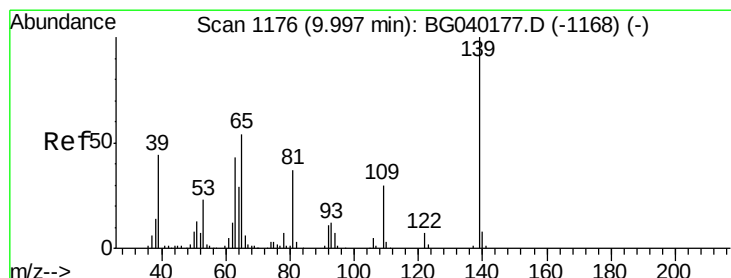
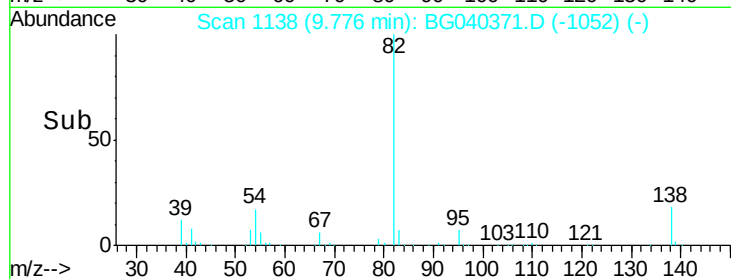
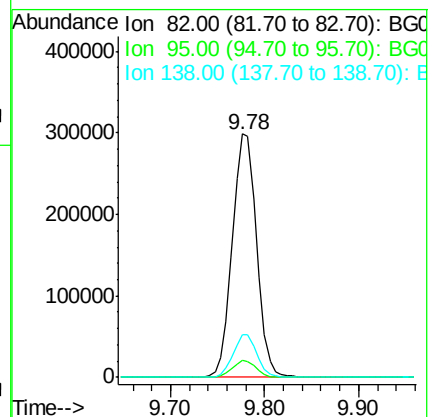
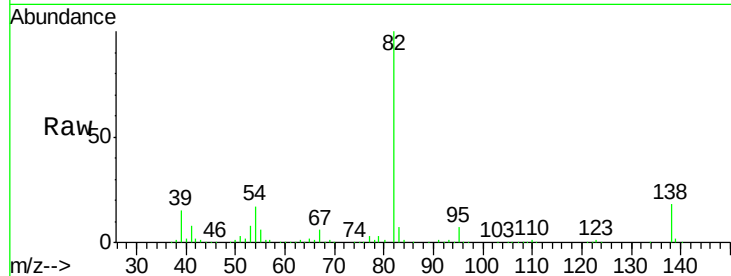
Tot Ion: 82 Resp: 535448

Ion Ratio Lower Upper

82 100

95 7.1 6.1 9.1

138 17.7 13.2 19.8



#26

2-Nitrophenol

Concen: 42.890 ng

RT: 9.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

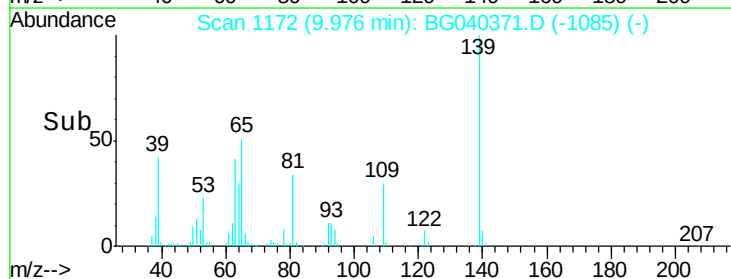
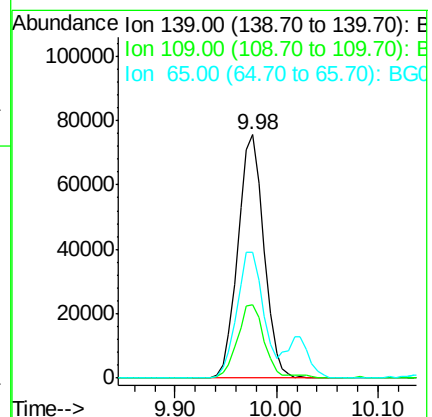
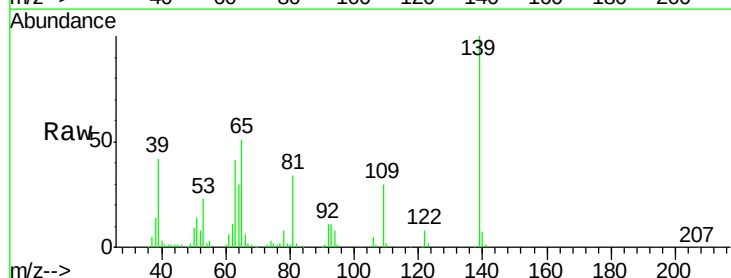
Tgt Ion: 139 Resp: 134444

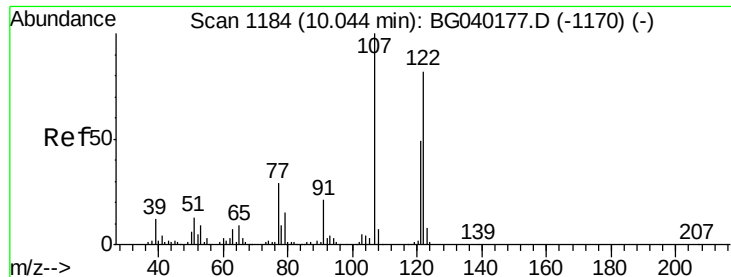
Ion Ratio Lower Upper

139 100

109 30.1 24.1 36.1

65 51.5 43.0 64.6

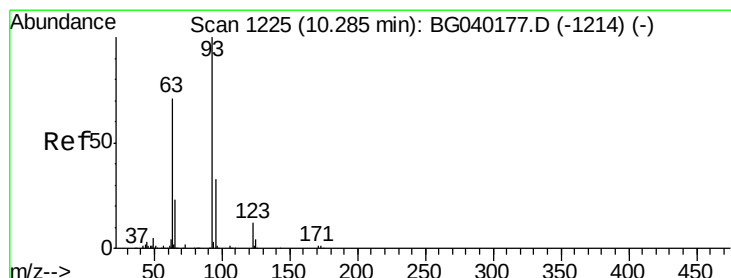
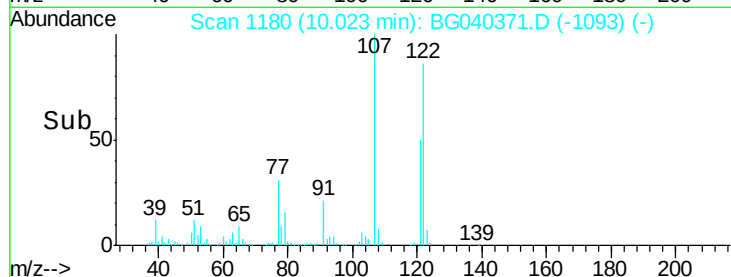
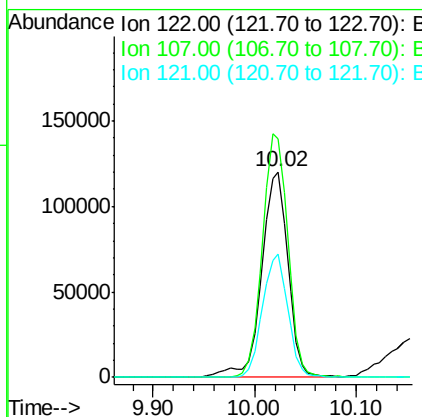
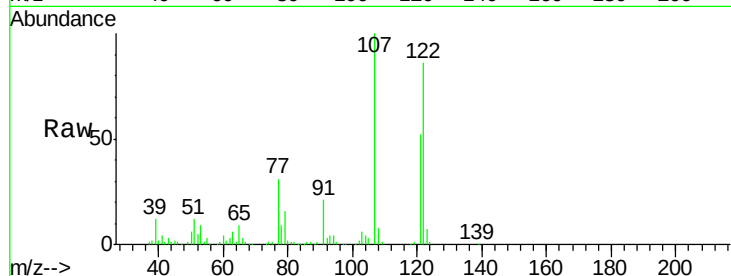




#27
 2,4-Dimethylphenol
 Concen: 43.893 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

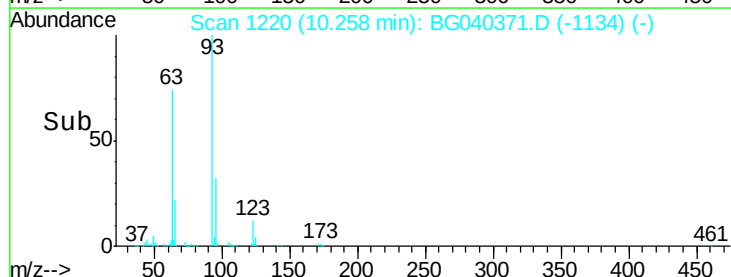
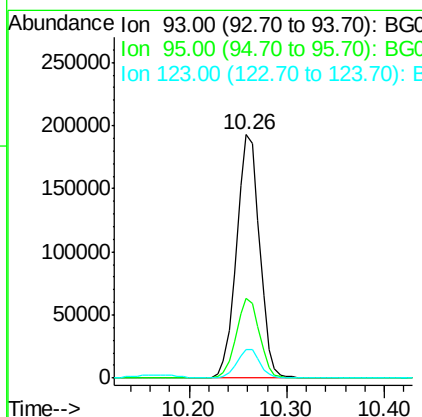
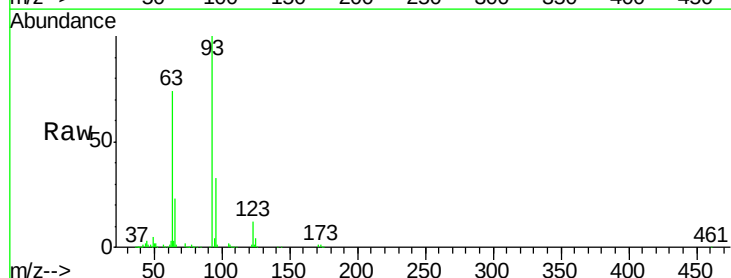
Instrument :
 BNA_G
 ClientSampleId :

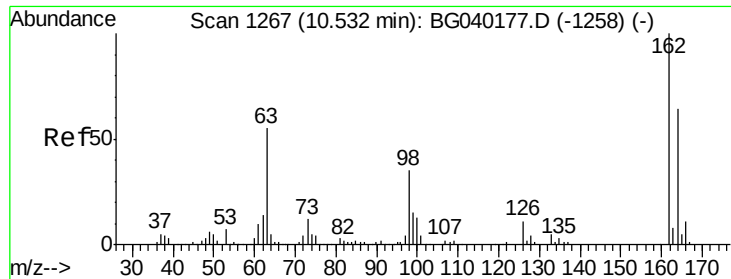
Tot Ion:122 Resp: 218547
 Ion Ratio Lower Upper
 122 100
 107 115.7 97.4 146.2
 121 60.2 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.688 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Tgt Ion: 93 Resp: 316415
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.2 39.4
 123 11.8 9.4 14.0

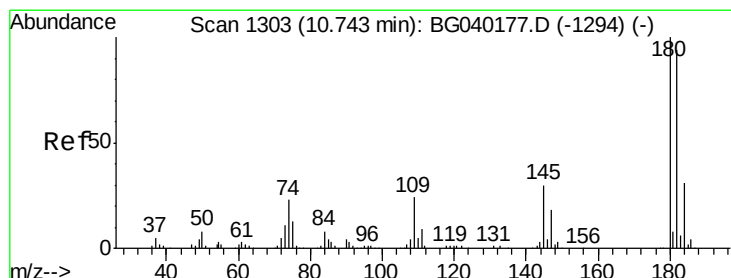
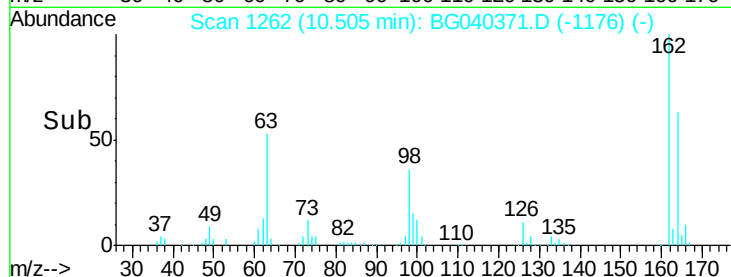
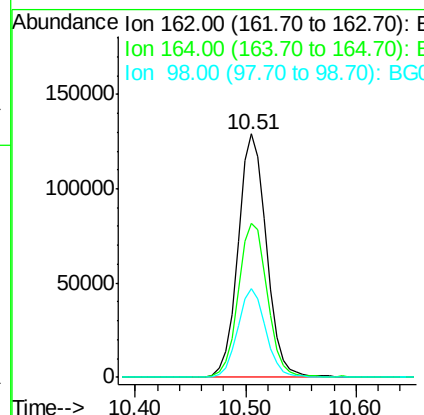
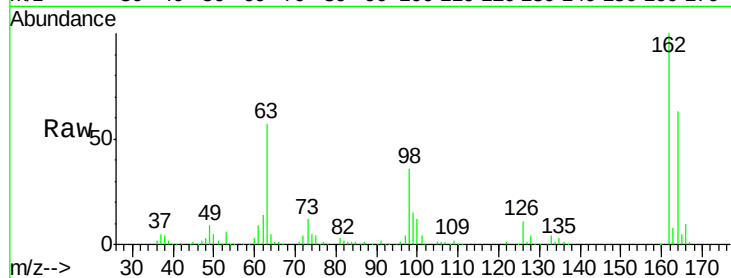




#29
 2,4-Dichlorophenol
 Concen: 43.039 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

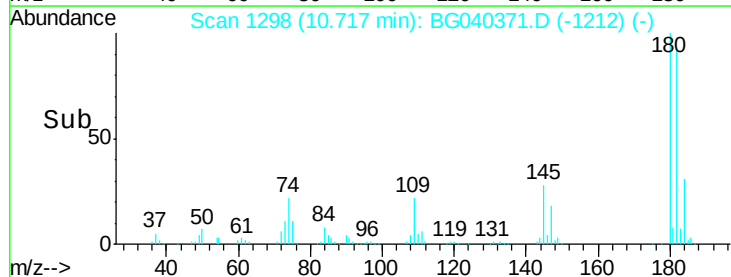
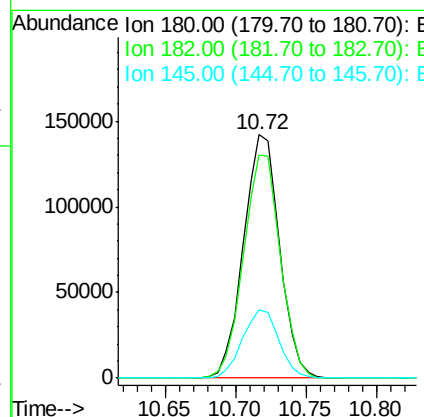
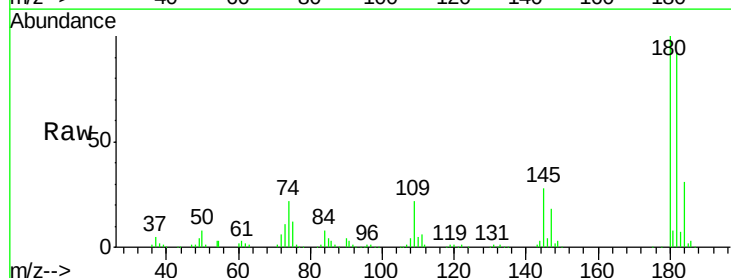
Instrument :
 BNA_G
 ClientSampleId :

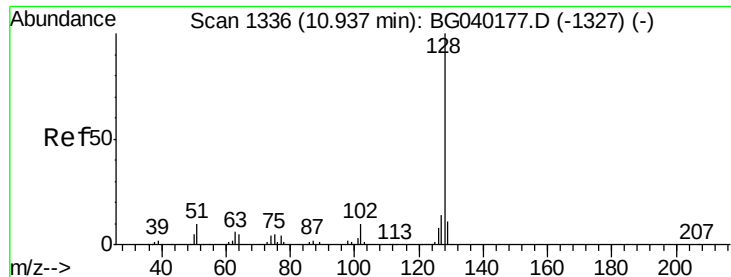
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	43.9	83.9
98	36.2	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 42.778 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.6	75.1	112.7
145	28.2	24.1	36.1

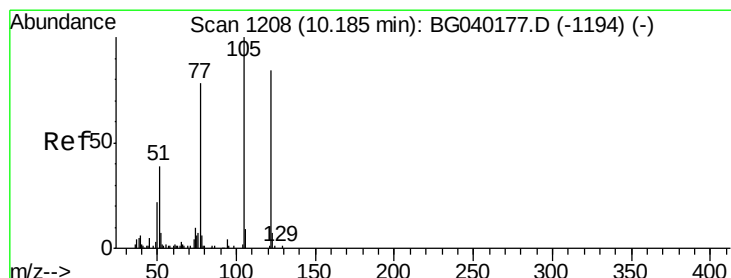
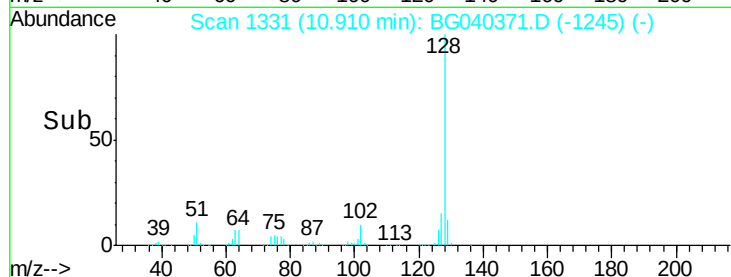
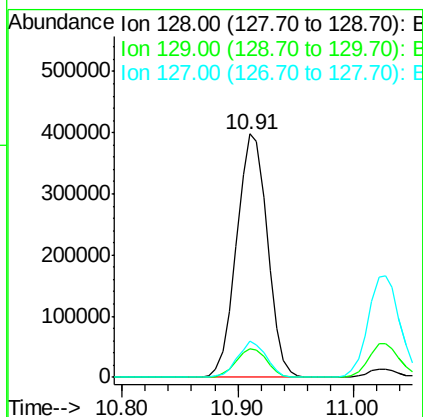
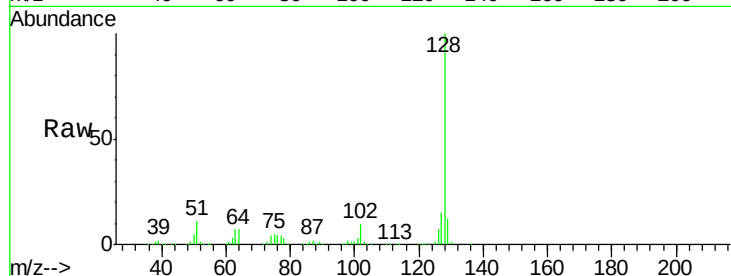




#31
Naphthalene
Concen: 42.259 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

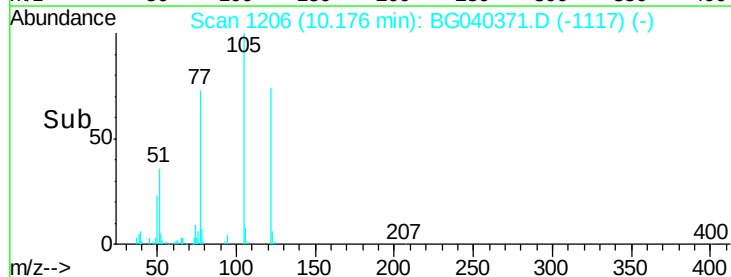
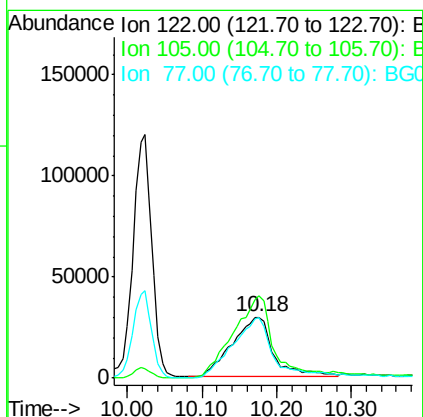
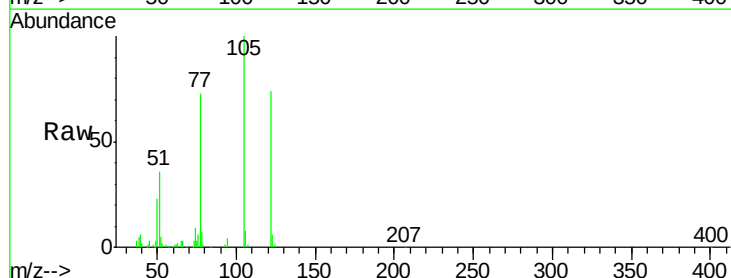
Instrument :
BNA_G
ClientSampleId :

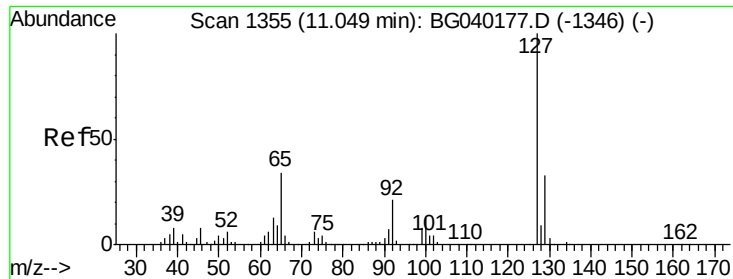
Tot Ion:128 Resp: 735524
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 14.7 11.4 17.0



#32
Benzoic acid
Concen: 38.124 ng
RT: 10.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion:122 Resp: 114690
Ion Ratio Lower Upper
122 100
105 136.0 98.2 138.2
77 99.2 73.6 113.6

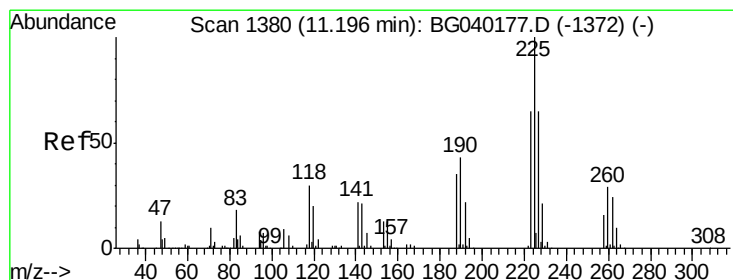
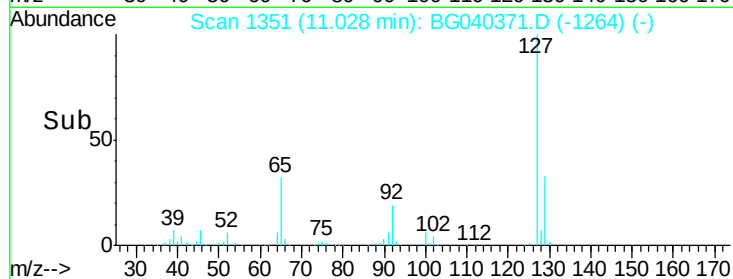
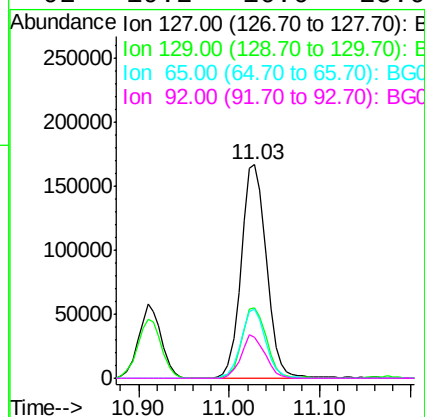
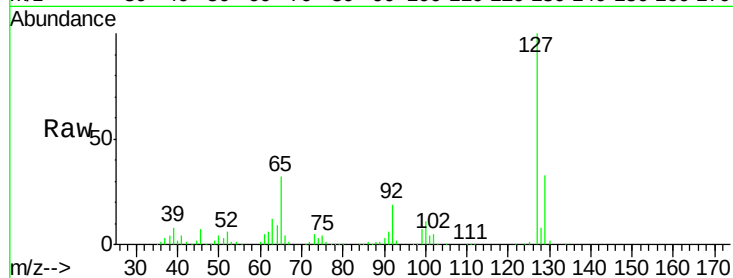




#33
4-Chloroaniline
Concen: 43.570 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

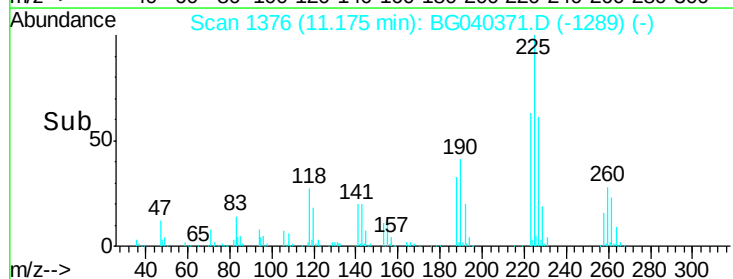
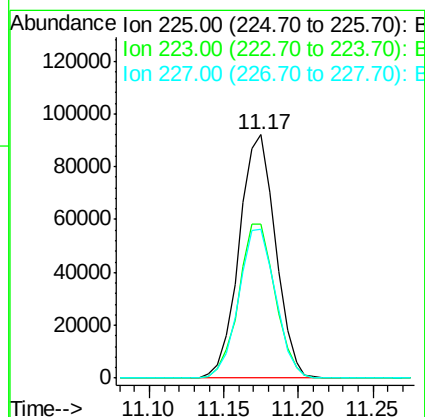
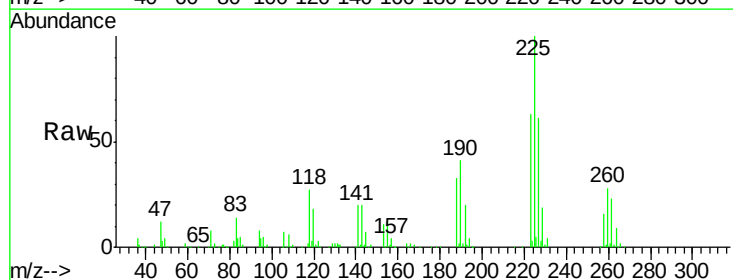
Instrument :
BNA_G
ClientSampleId :

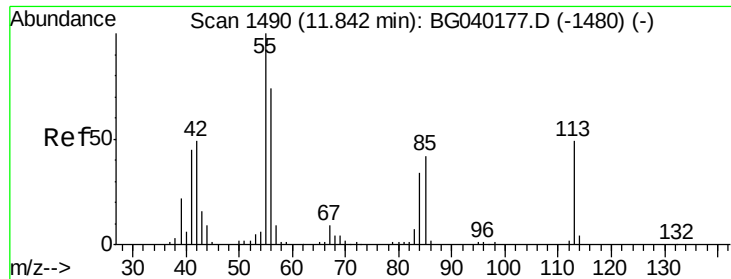
Tot Ion:	127	Resp:	323470
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	40.0
65	32.3	27.0	40.4
92	19.2	16.6	25.0



#34
Hexachlorobutadiene
Concen: 41.041 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion:	225	Resp:	155763
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.8	77.8
227	61.4	54.9	82.3

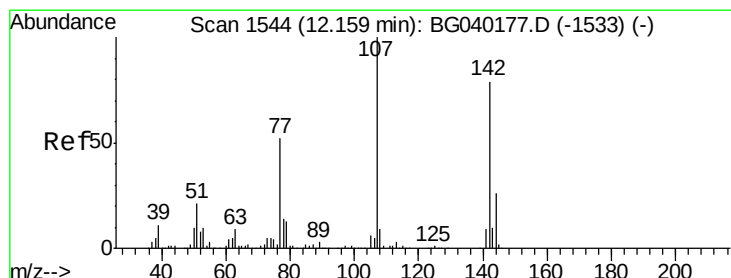
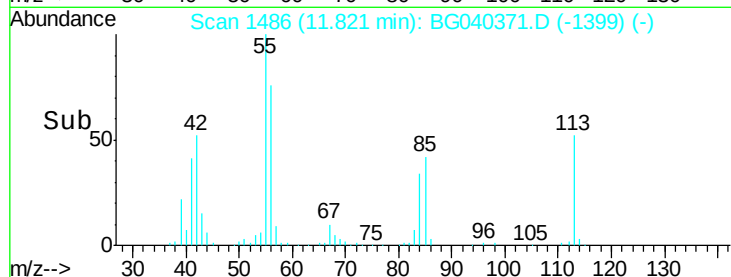
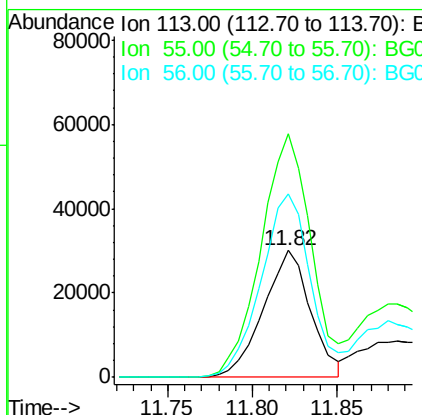
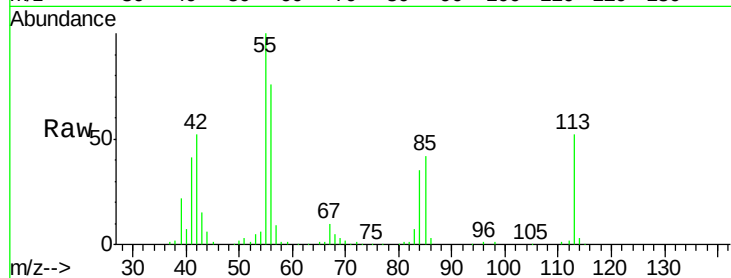




#35
 Caprolactam
 Concen: 27.274 ng
 RT: 11.82 min Scan# 1486
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

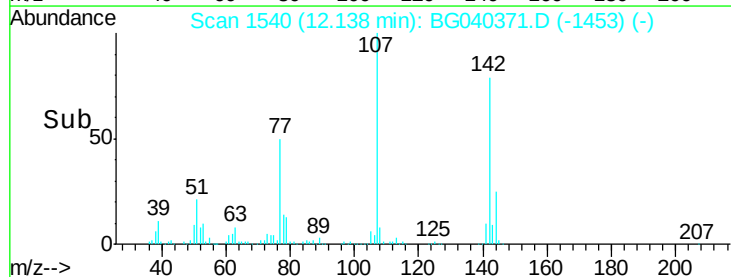
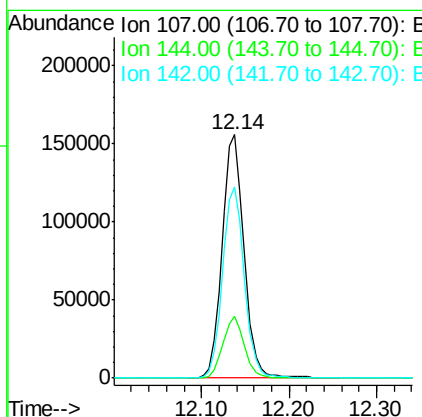
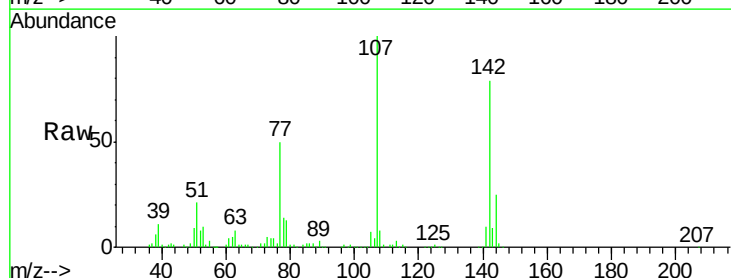
Instrument :
 BNA_G
 ClientSampled :

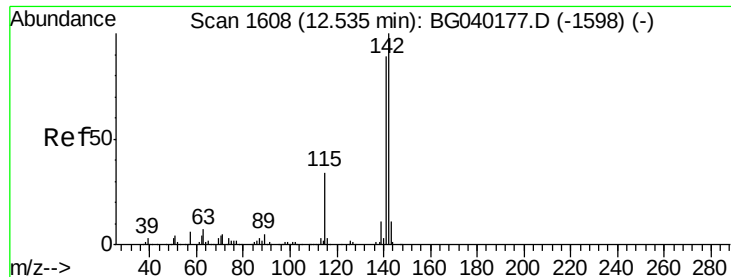
Tot Ion:113 Resp: 58496
 Ion Ratio Lower Upper
 113 100
 55 191.7 184.2 224.2
 56 144.8 131.3 171.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.448 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Tgt Ion:107 Resp: 269944
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 78.8 63.1 94.7

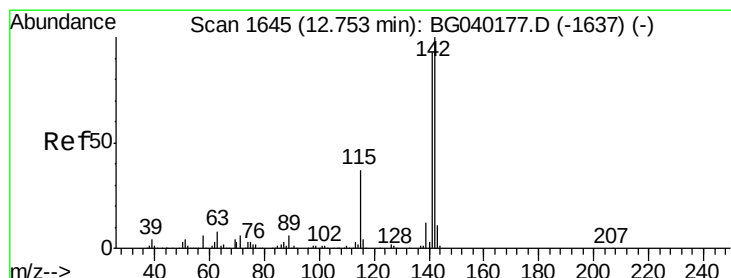
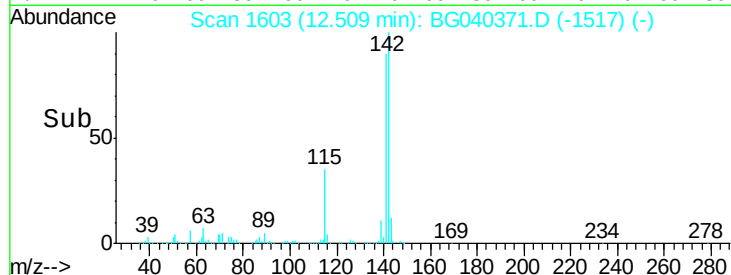
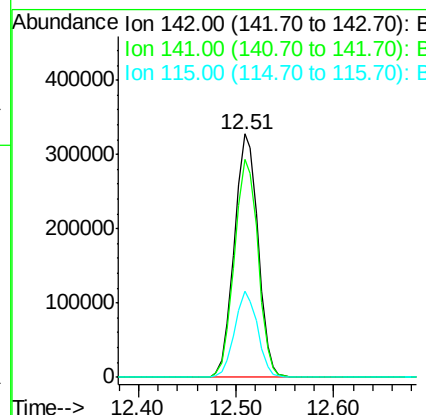
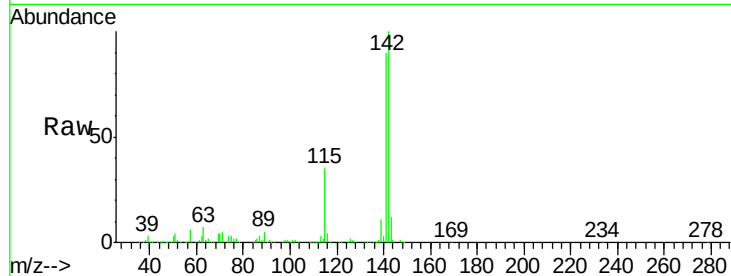




#37
2-Methylnaphthalene
Concen: 42.906 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

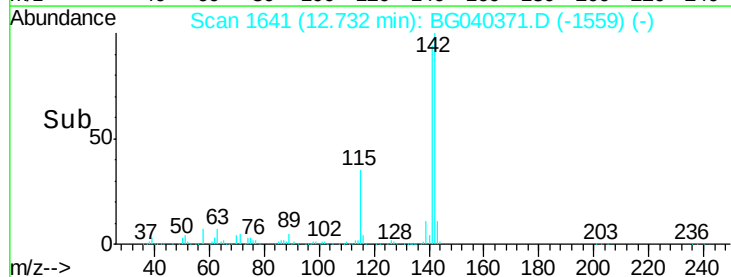
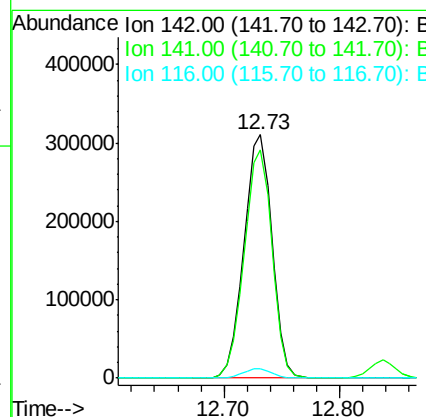
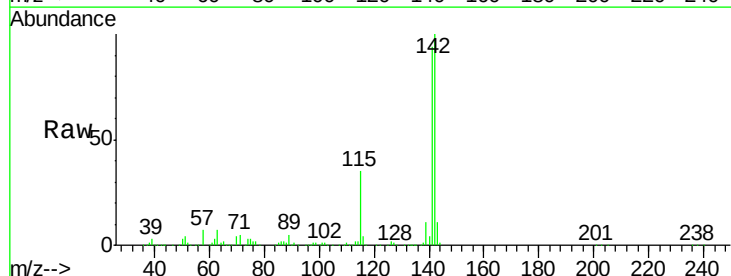
Instrument :
BNA_G
ClientSampleId :

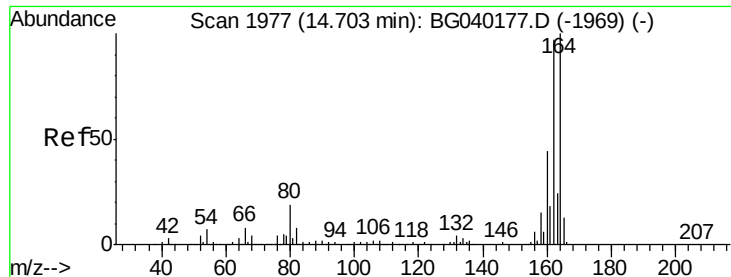
Tot Ion:142 Resp: 552311
Ion Ratio Lower Upper
142 100
141 89.6 71.0 106.6
115 35.1 27.3 40.9



#38
1-Methylnaphthalene
Concen: 41.731 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion:142 Resp: 520902
Ion Ratio Lower Upper
142 100
141 94.0 74.2 111.4
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

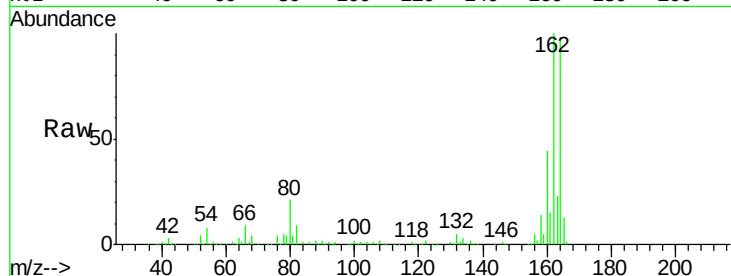
Tot Ion:164 Resp: 212774

Ion Ratio Lower Upper

164 100

162 101.6 77.4 116.2

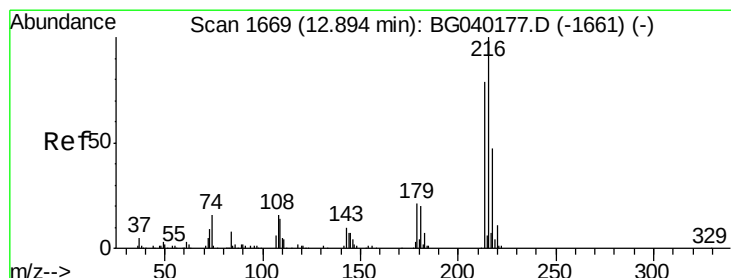
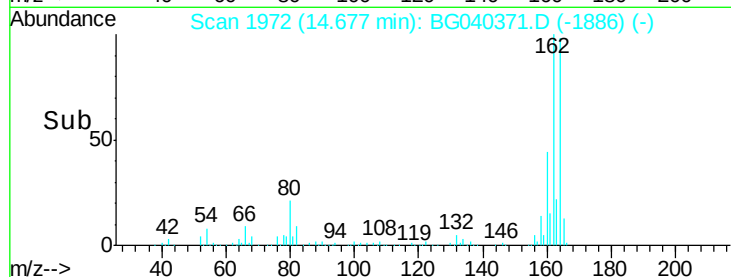
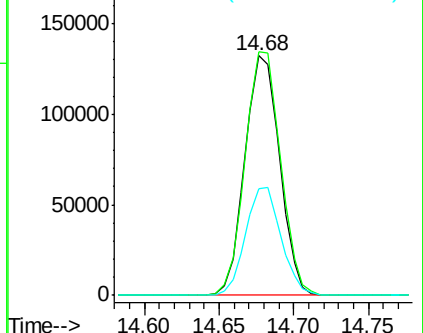
160 44.5 35.3 52.9



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: 41.635 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Tgt Ion:216 Resp: 281563

Ion Ratio Lower Upper

216 100

214 79.8 63.5 95.3

179 20.6 16.6 25.0

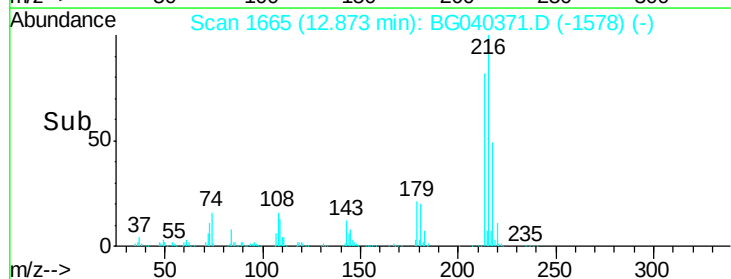
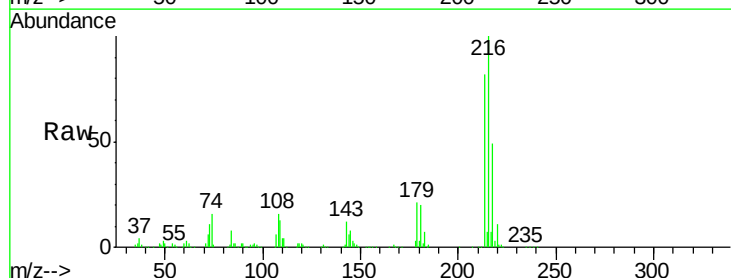
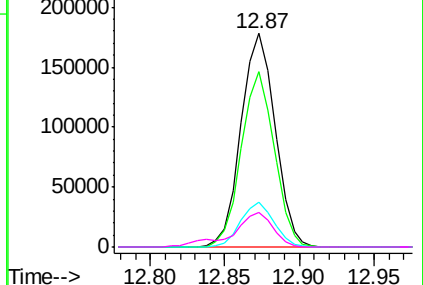
108 19.2 13.8 20.8

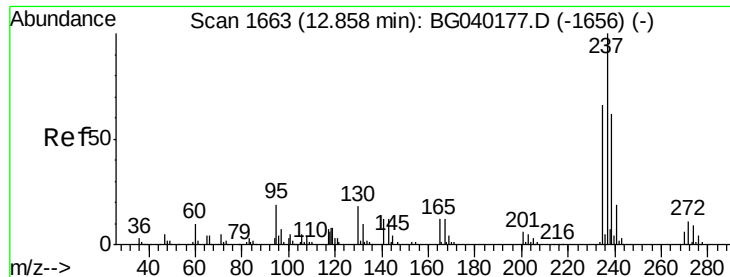
Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.114 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

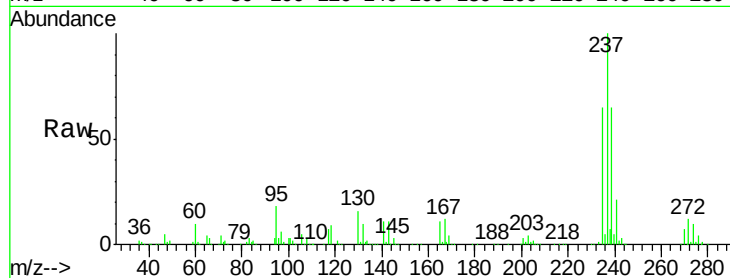
Tot Ion:237 Resp: 316047

Ion Ratio Lower Upper

237 100

235 65.4 46.2 86.2

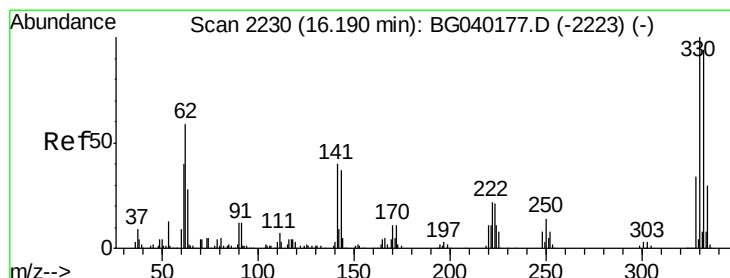
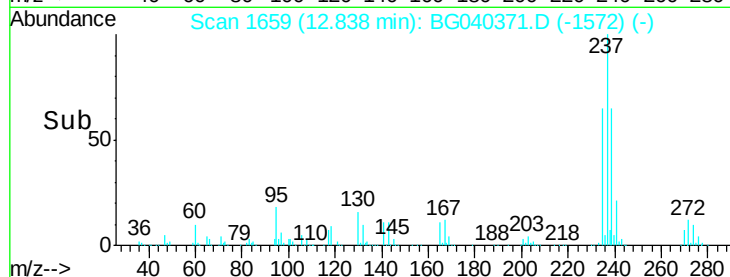
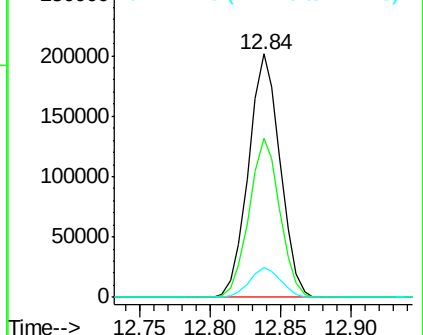
272 12.4 0.0 30.5



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: 90.878 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

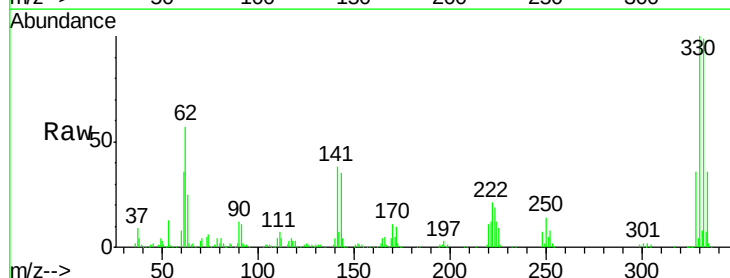
Tgt Ion:330 Resp: 208977

Ion Ratio Lower Upper

330 100

332 98.2 76.6 115.0

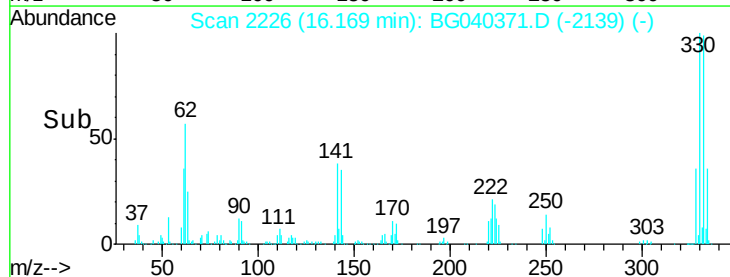
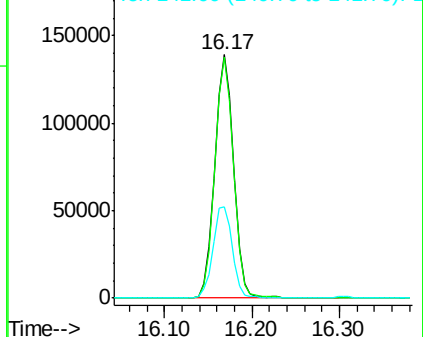
141 38.7 32.6 48.8

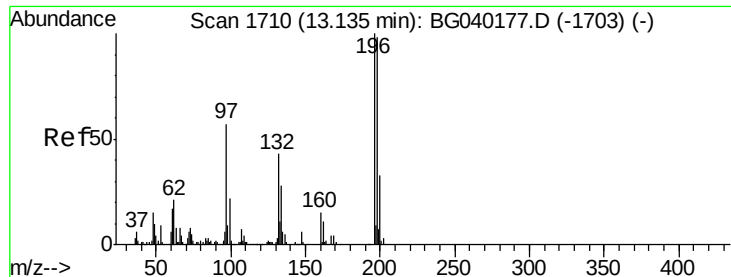


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

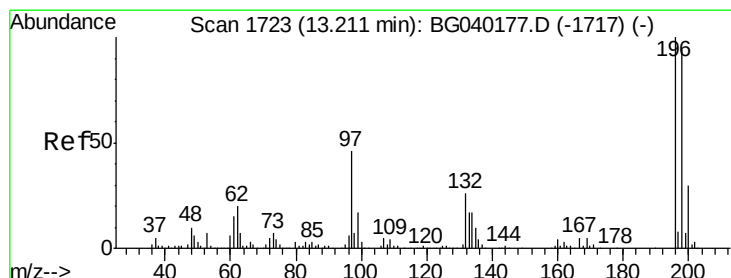
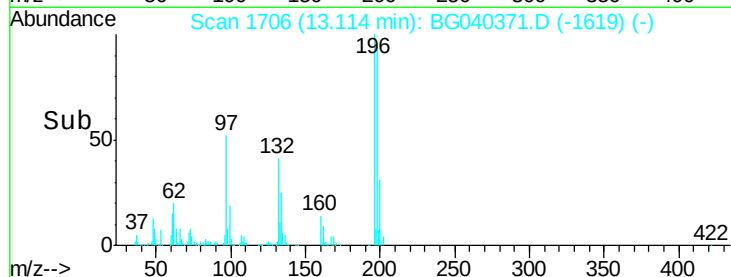
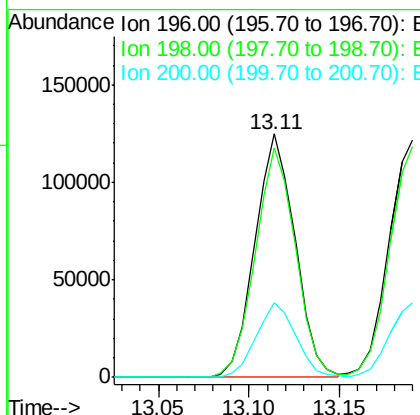
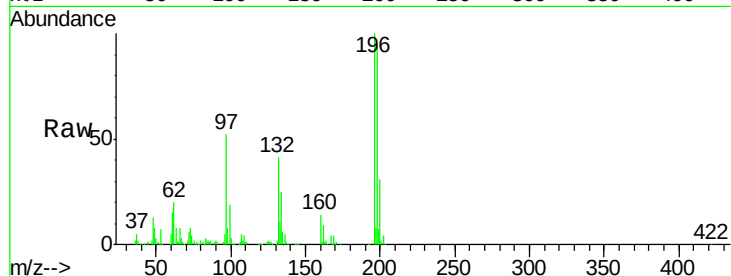




#43
 2,4,6-Trichlorophenol
 Concen: 44.073 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

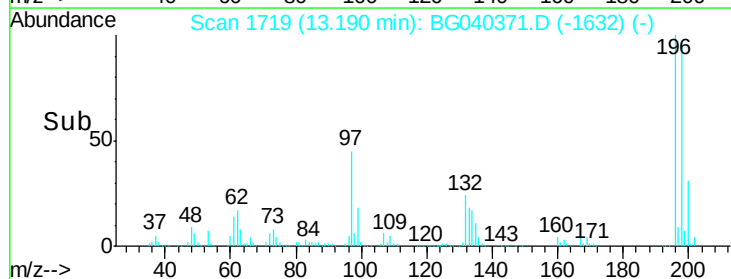
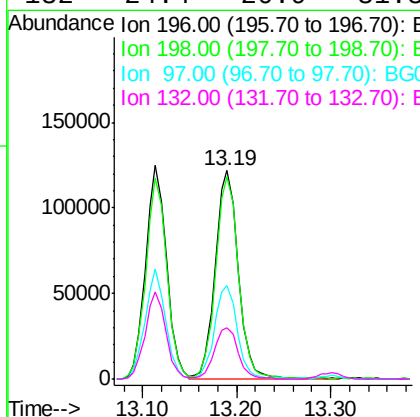
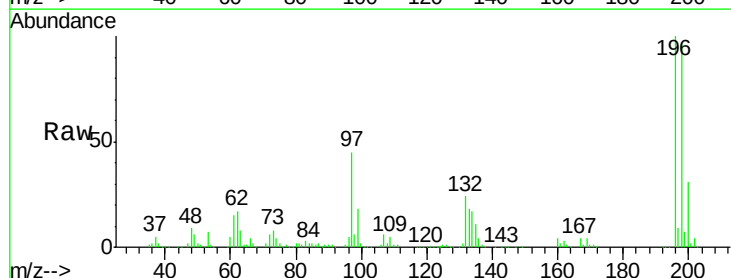
Instrument :
 BNA_G
 ClientSampleId :

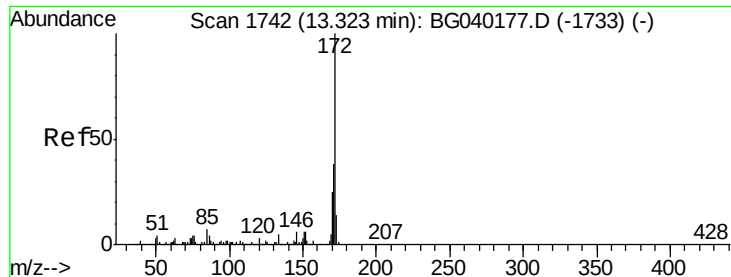
Tot Ion:196 Resp: 192163
 Ion Ratio Lower Upper
 196 100
 198 94.3 78.3 117.5
 200 30.8 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 44.085 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Tgt Ion:196 Resp: 209509
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.0 112.6
 97 44.9 37.3 55.9
 132 24.4 20.9 31.3

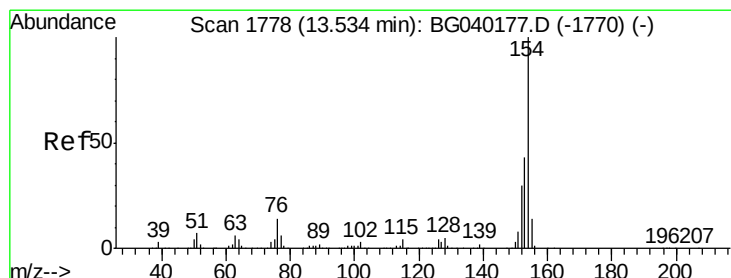
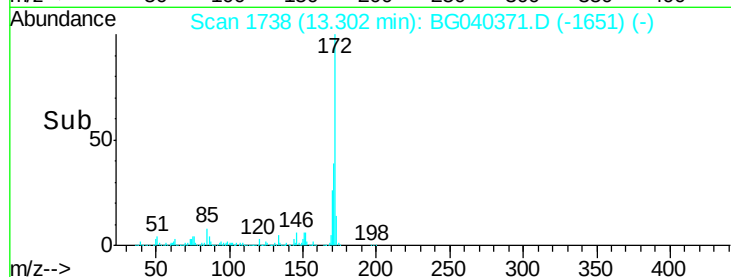
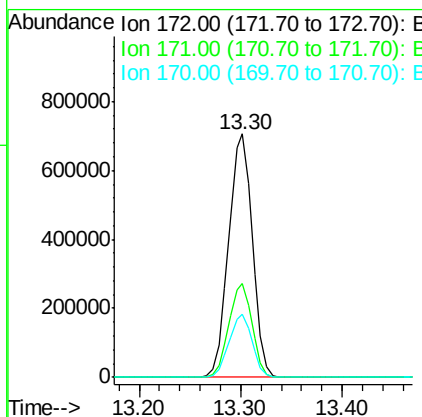
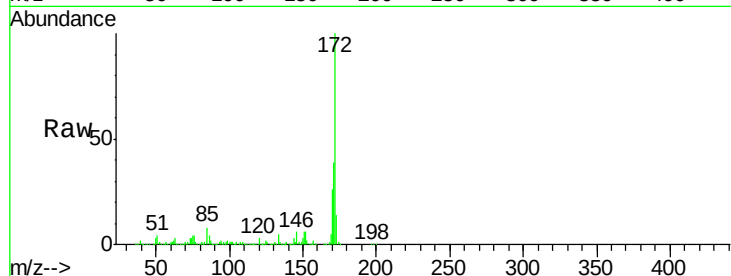




#45
2-Fluorobiphenyl
Concen: 79.577 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

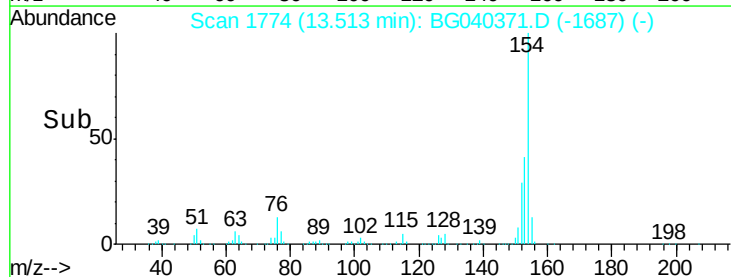
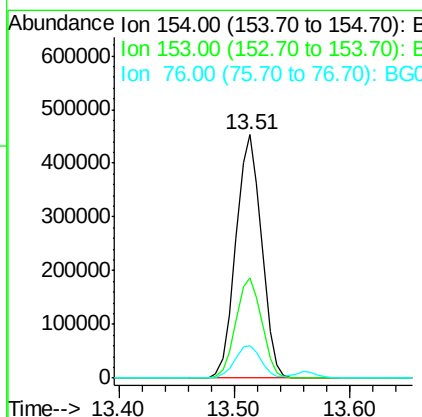
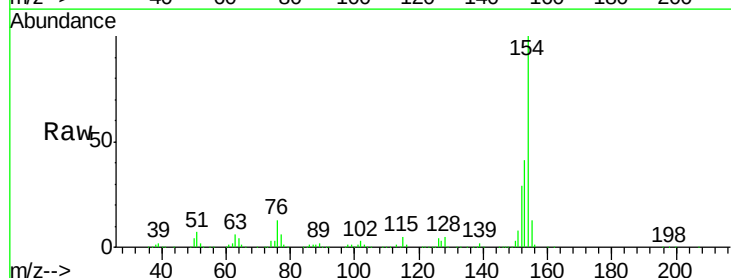
Instrument :
BNA_G
ClientSampleId :

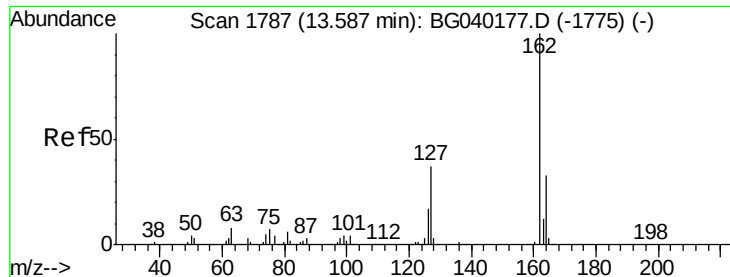
Tot Ion:172 Resp: 1142690
Ion Ratio Lower Upper
172 100
171 38.6 30.5 45.7
170 25.7 20.1 30.1



#46
1,1'-Biphenyl
Concen: 41.406 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion:154 Resp: 696115
Ion Ratio Lower Upper
154 100
153 41.4 22.5 62.5
76 13.4 0.0 33.7

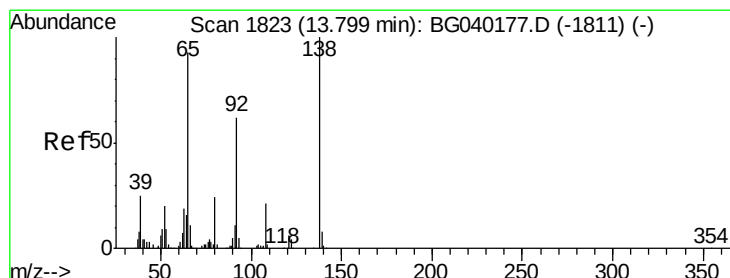
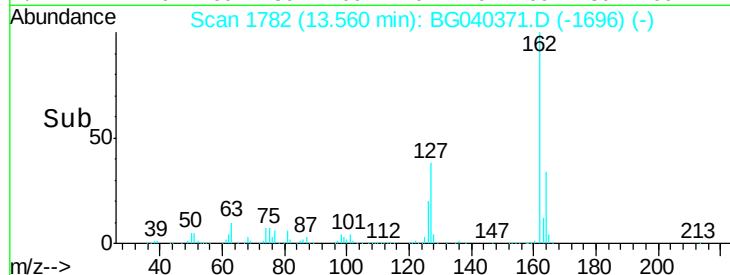
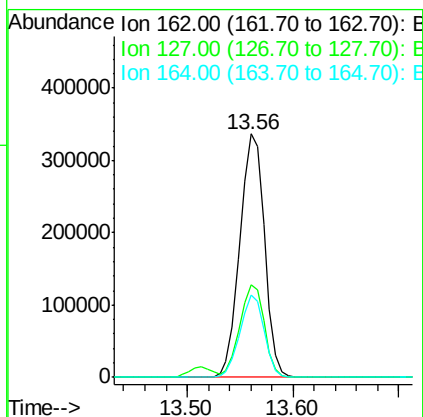
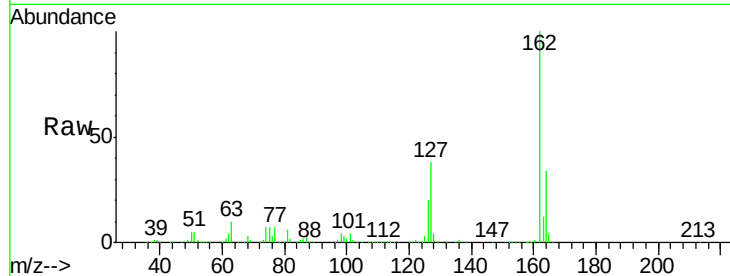




#47
2-Chloronaphthalene
Concen: 42.054 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

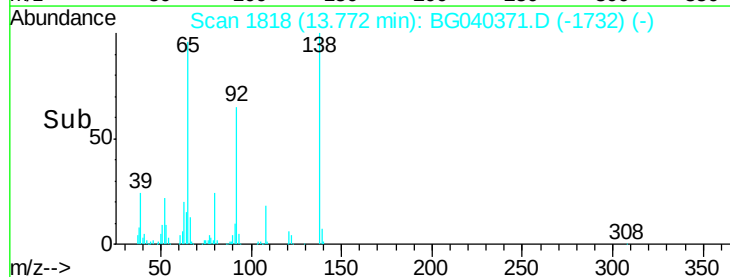
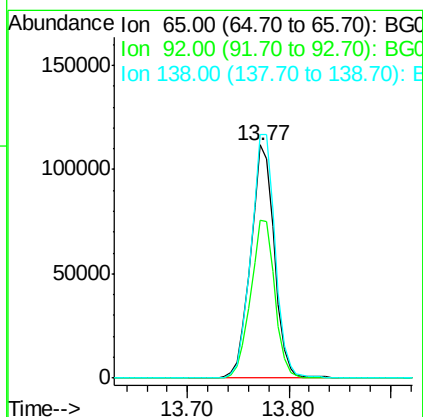
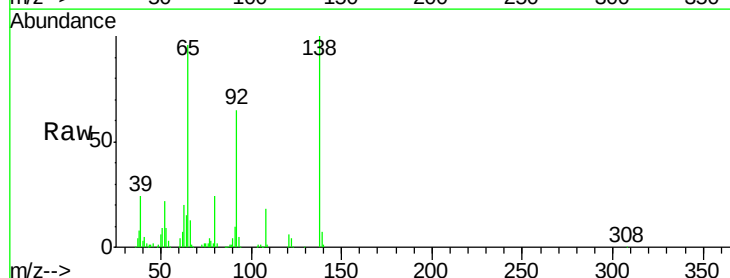
Instrument :
BNA_G
ClientSampleId :

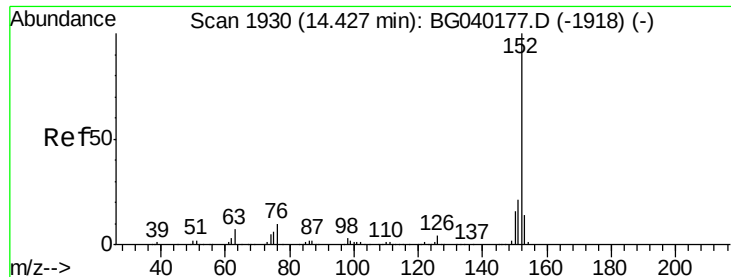
Tot Ion:162 Resp: 542320
Ion Ratio Lower Upper
162 100
127 38.3 30.6 45.8
164 33.7 26.2 39.4



#48
2-Nitroaniline
Concen: 41.746 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion: 65 Resp: 181591
Ion Ratio Lower Upper
65 100
92 67.8 53.8 80.6
138 104.5 86.3 129.5





#49

Acenaphthylene

Concen: 40.249 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

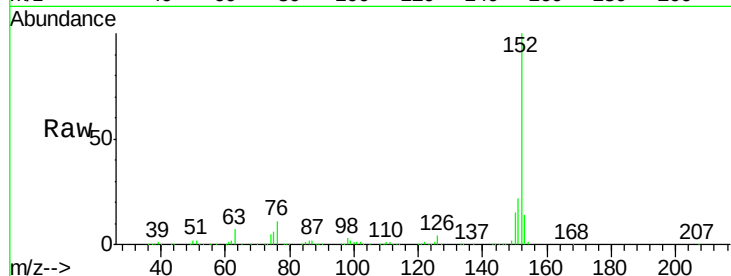
Tot Ion:152 Resp: 880031

Ion Ratio Lower Upper

152 100

151 21.6 17.0 25.6

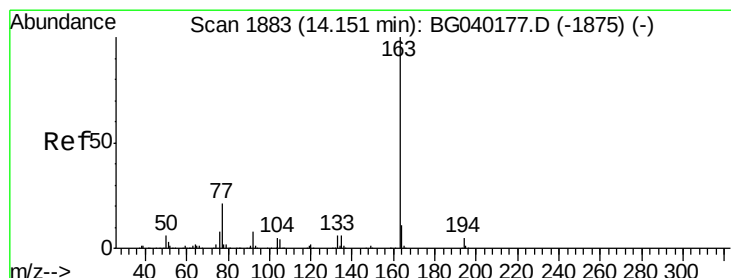
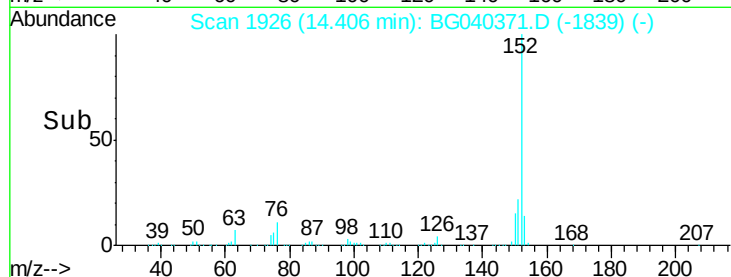
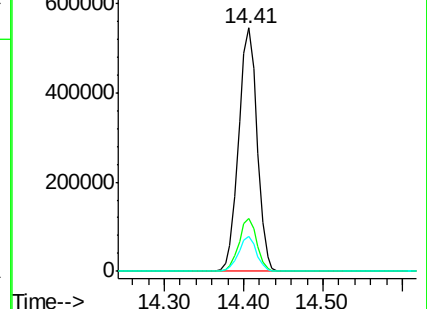
153 14.4 10.8 16.2



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: 42.104 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

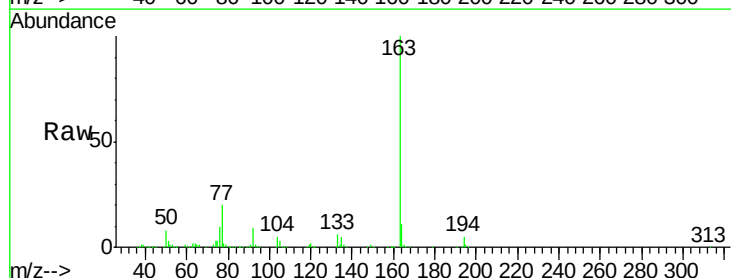
Tgt Ion:163 Resp: 701140

Ion Ratio Lower Upper

163 100

194 4.5 4.1 6.1

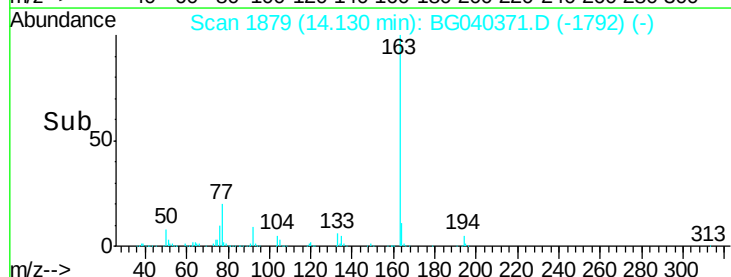
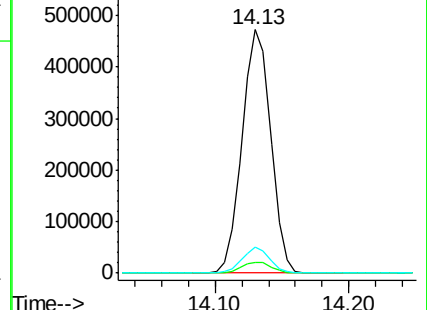
164 10.7 8.6 13.0

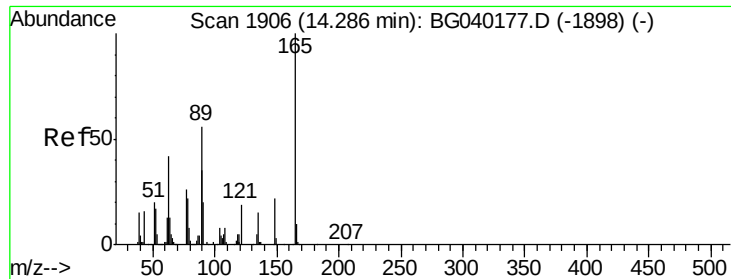


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

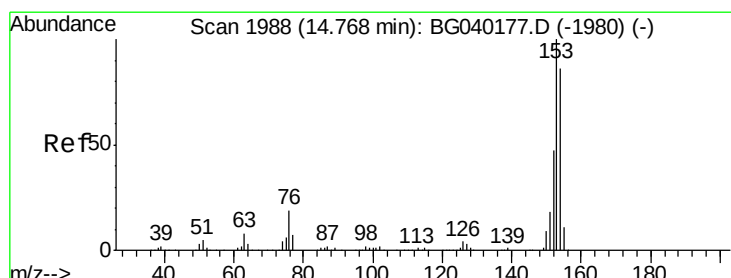
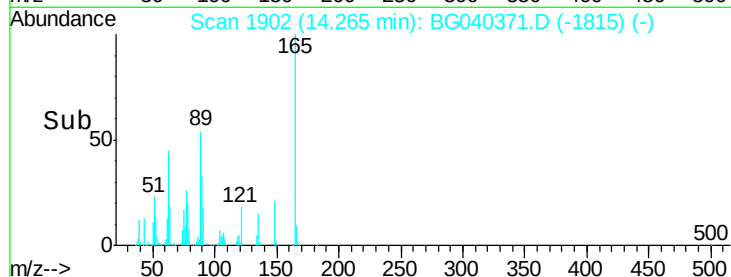
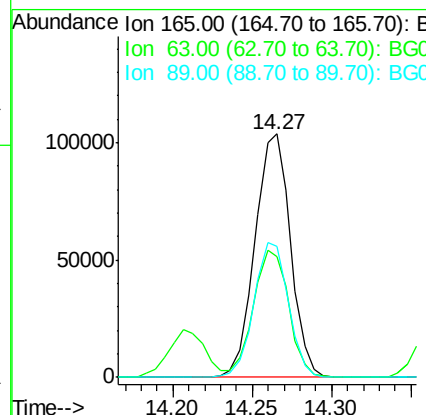
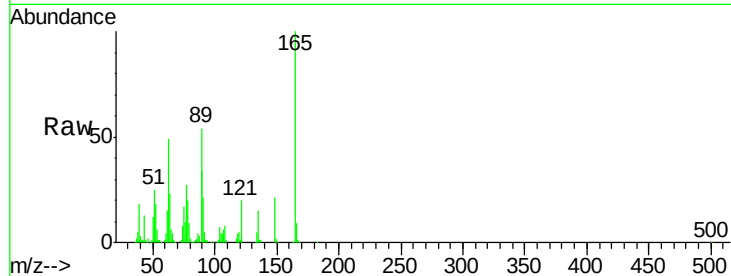




#51
 2,6-Dinitrotoluene
 Concen: 43.125 ng
 RT: 14.27 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

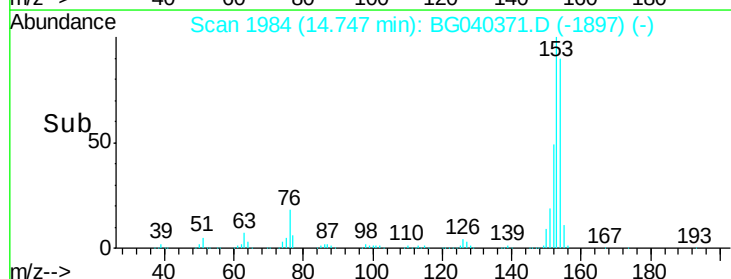
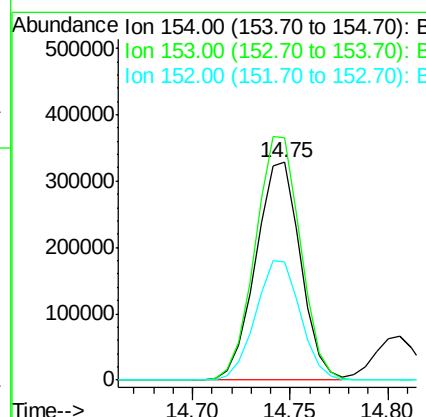
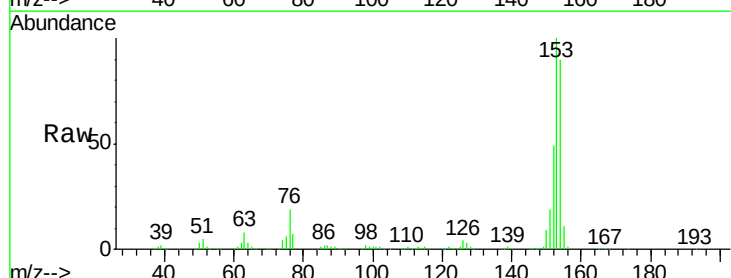
Instrument :
 BNA_G
 ClientSampled :

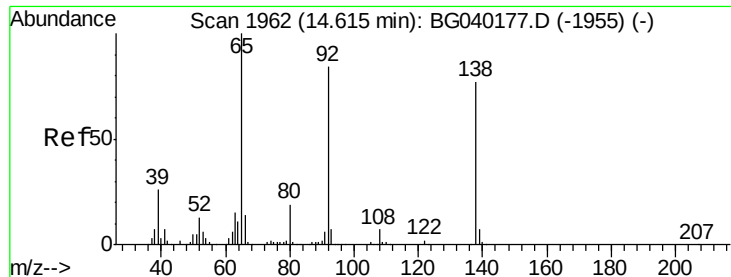
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.4	44.1	66.1
89	53.7	44.9	67.3



#52
 Acenaphthene
 Concen: 41.719 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.1	92.8	139.2
152	54.3	43.4	65.2





#53

3-Nitroaniline

Concen: 43.036 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

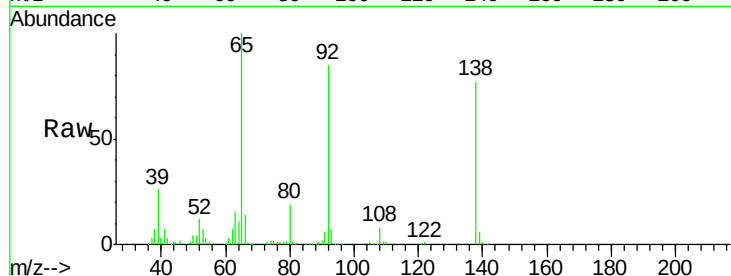
Tot Ion:138 Resp: 170334

Ion Ratio Lower Upper

138 100

108 10.2 7.8 11.8

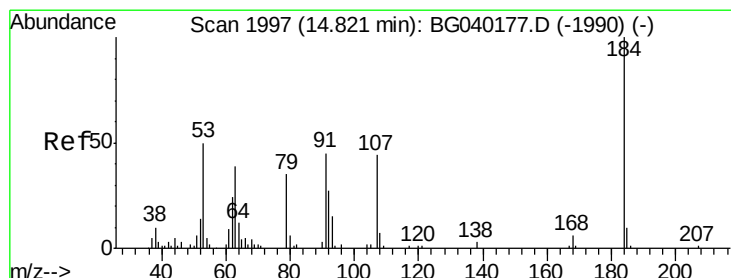
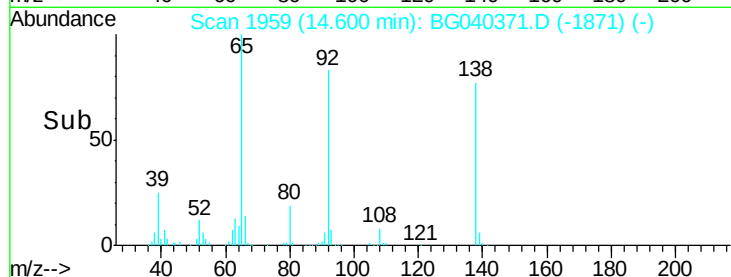
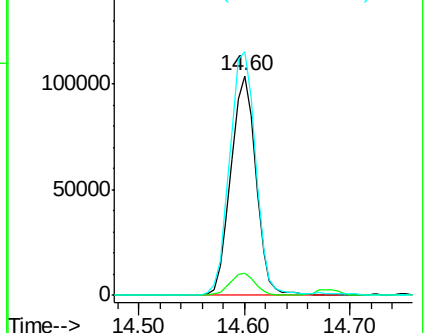
92 110.9 87.5 131.3



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: 95.825 ng

RT: 14.81 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

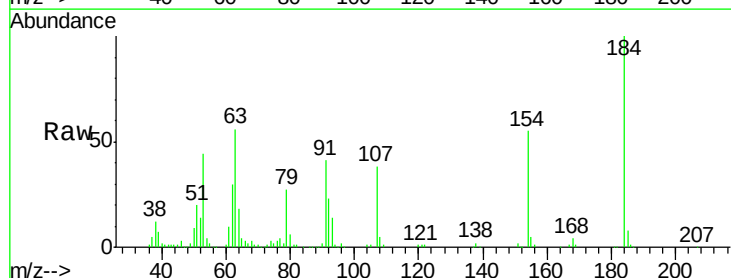
Tgt Ion:184 Resp: 190551

Ion Ratio Lower Upper

184 100

63 55.6 51.8 77.8

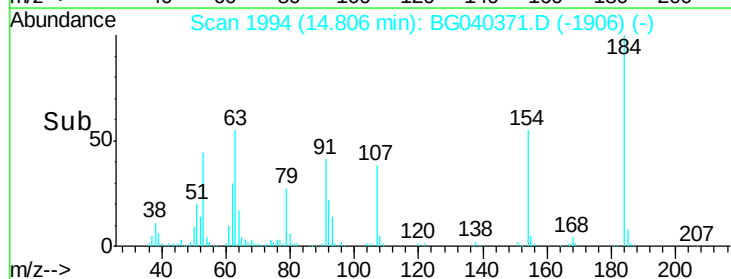
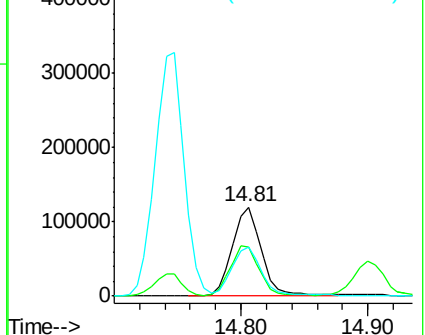
154 54.7 50.9 76.3

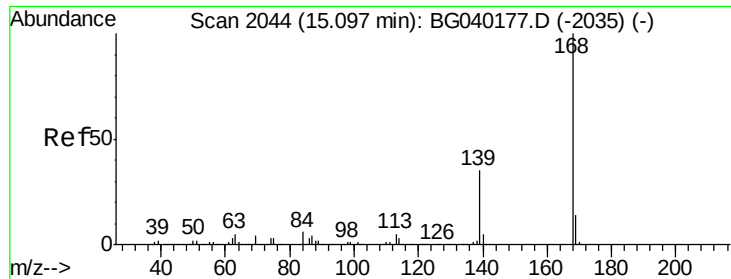


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 41.895 ng

RT: 15.08 min Scan# 2040

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

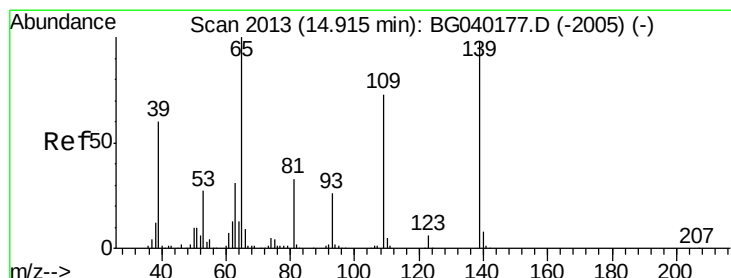
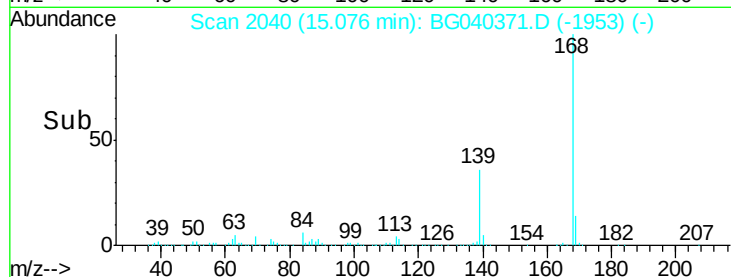
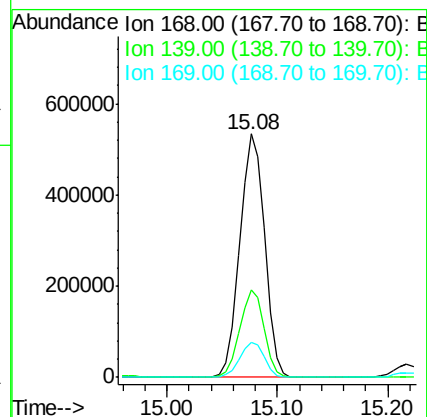
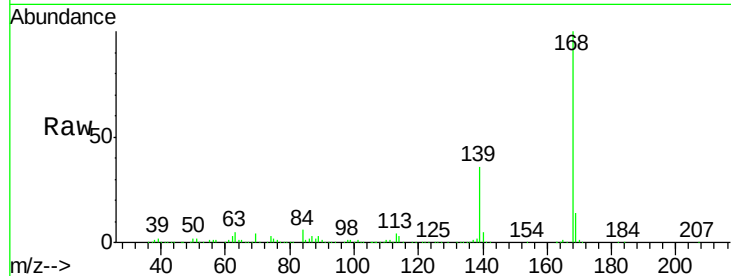
Tot Ion:168 Resp: 843417

Ion Ratio Lower Upper

168 100

139 35.7 27.9 41.9

169 14.3 11.3 16.9



#56

4-Nitrophenol

Concen: 84.377 ng

RT: 14.90 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

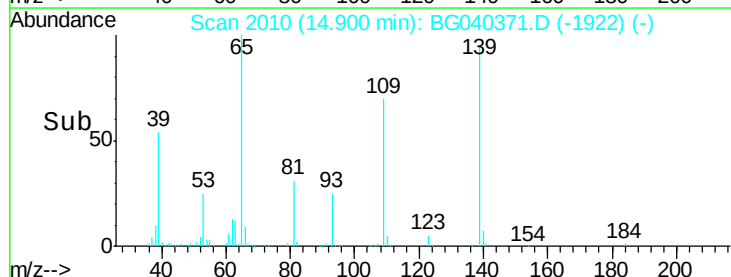
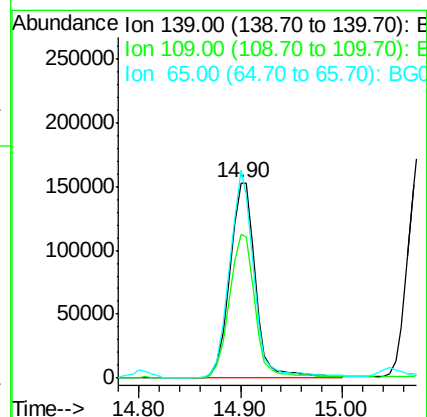
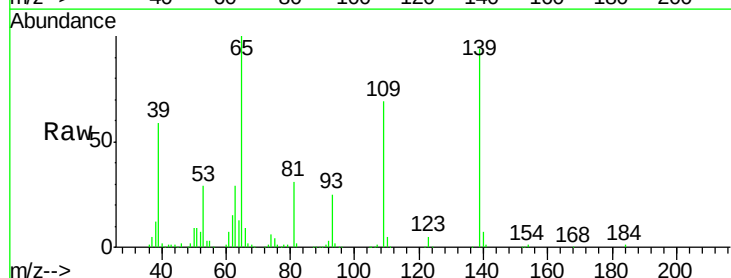
Tgt Ion:139 Resp: 269533

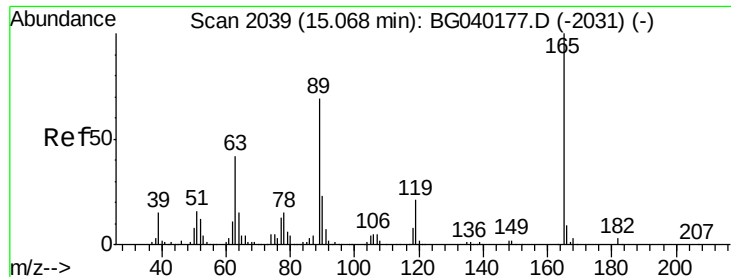
Ion Ratio Lower Upper

139 100

109 73.8 54.3 94.3

65 106.6 82.5 122.5

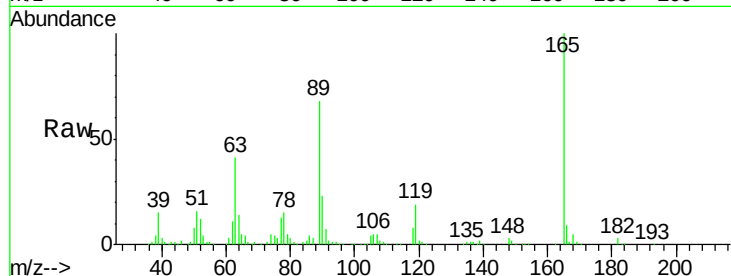




#57
2,4-Dinitrotoluene
Concen: 44.378 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	230567
Ion Ratio	Lower	Upper
165	100	
63	40.9	33.8 50.6
89	67.5	55.4 83.2
182	3.0	2.2 3.4

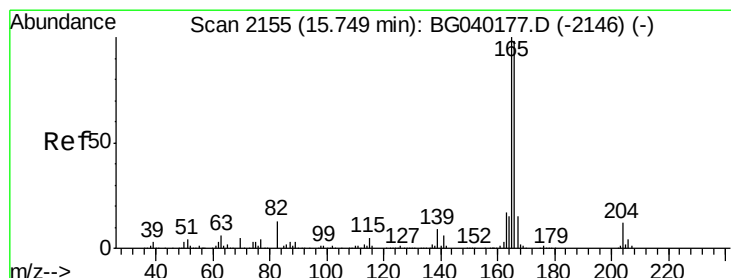
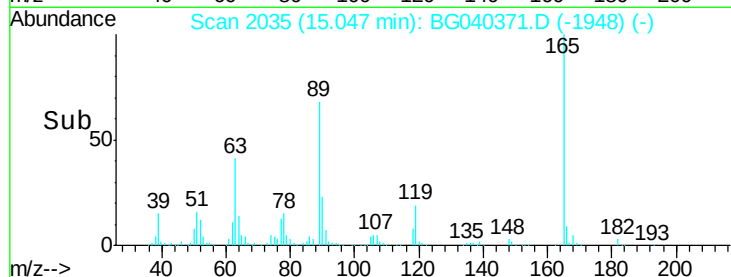
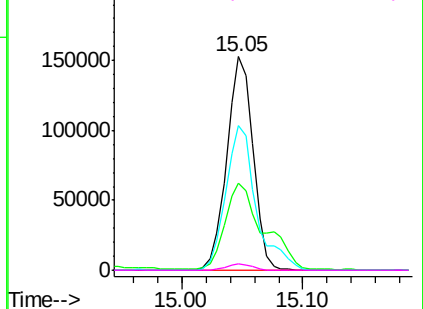


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

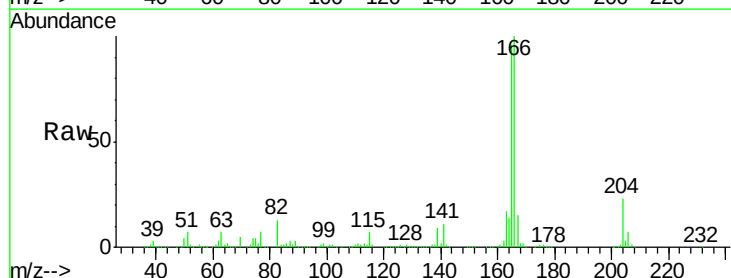
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.042 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

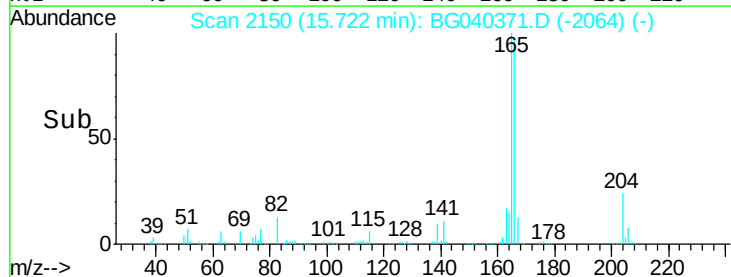
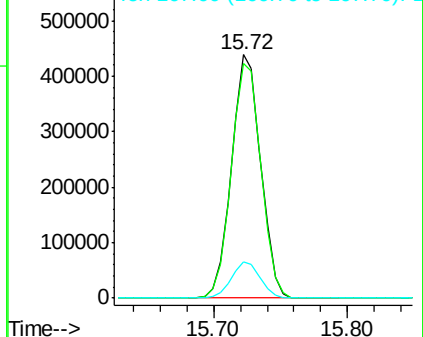
Tgt Ion:166	Resp:	665435
Ion Ratio	Lower	Upper
166	100	
165	96.3	81.7 122.5
167	15.1	11.9 17.9

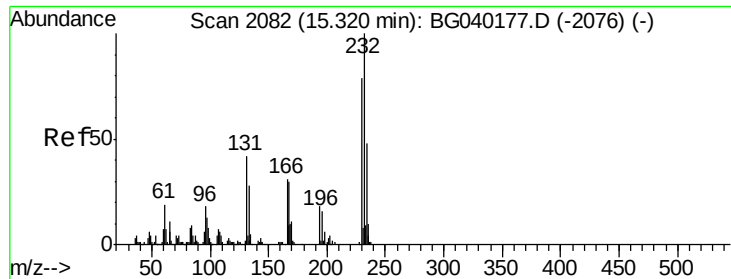


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

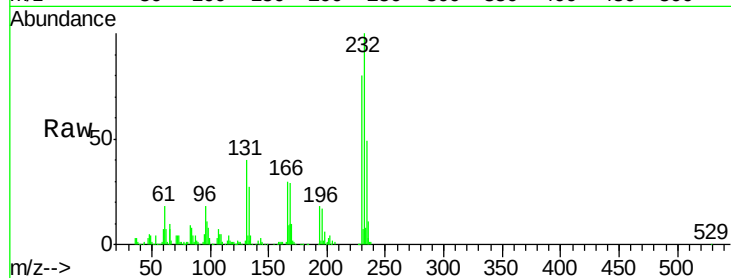




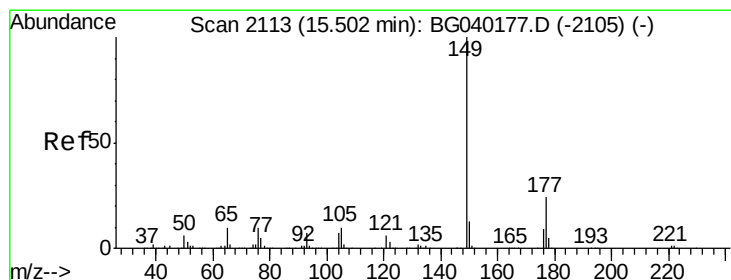
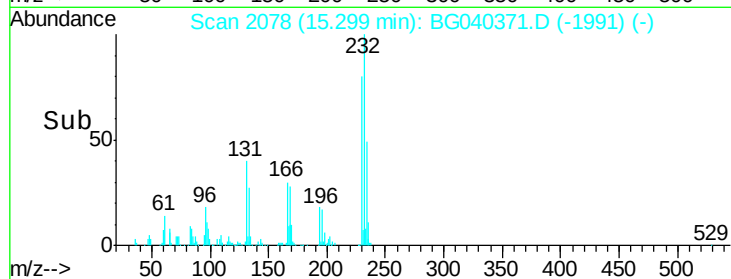
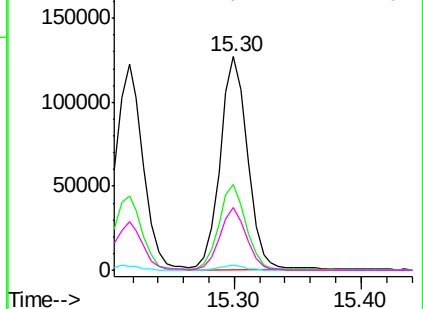
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.073 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	190067
Ion Ratio	Lower	Upper
232	100	
131	40.2	32.9 49.3
130	2.2	1.8 2.8
166	29.1	23.5 35.3

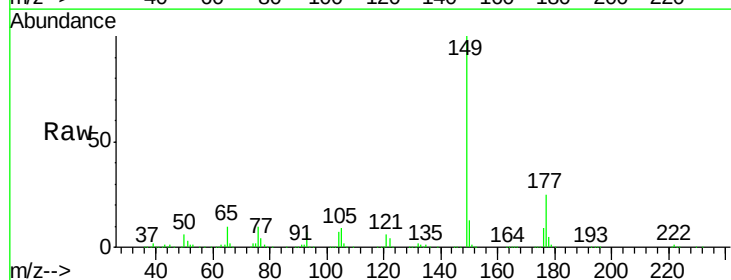


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

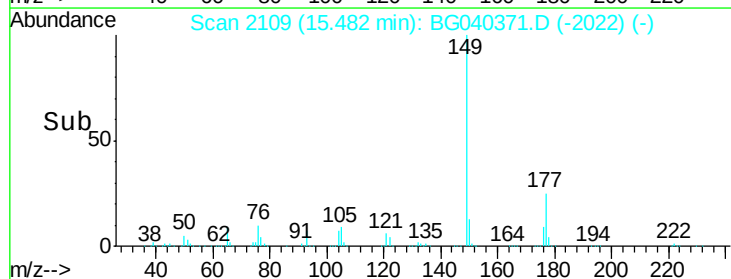
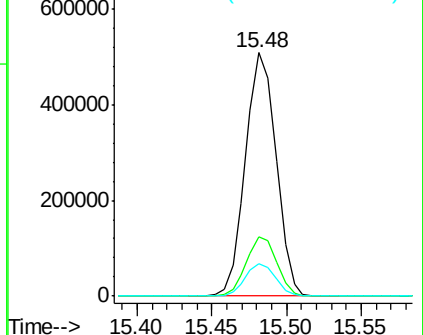


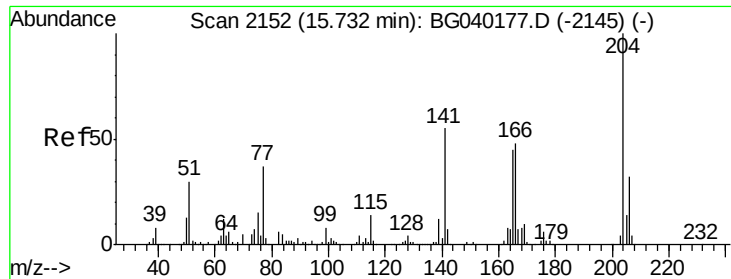
#60
 Diethylphthalate
 Concen: 42.457 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Tgt Ion:149	Resp:	723484
Ion Ratio	Lower	Upper
149	100	
177	24.6	19.1 28.7
150	13.1	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

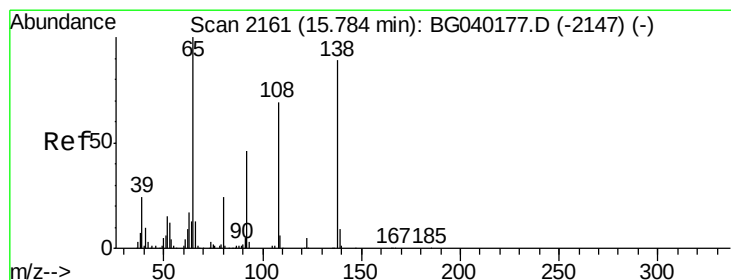
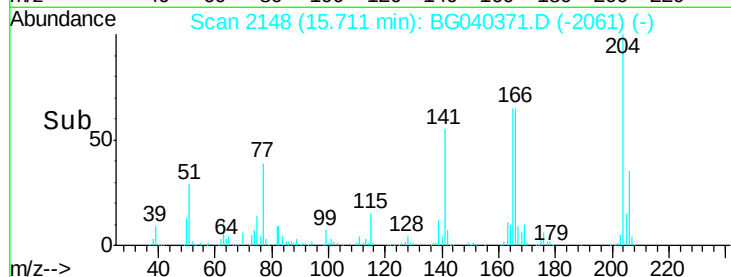
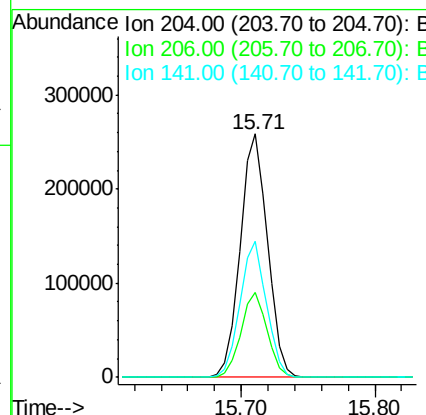
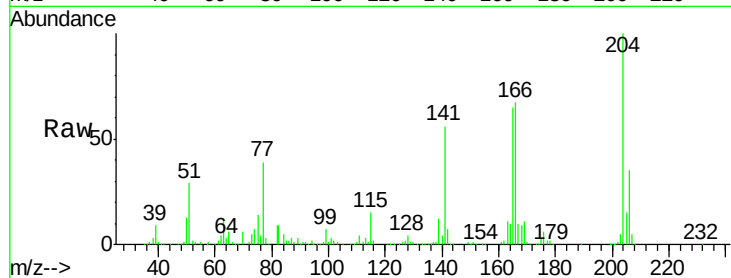




#61
 4-Chlorophenyl-phenylether
 Concen: 43.153 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

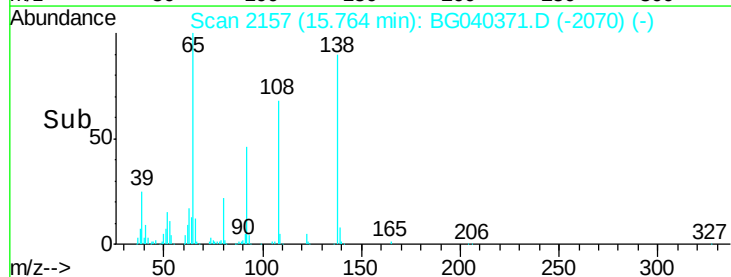
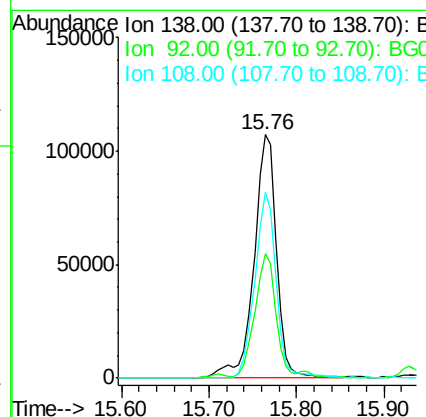
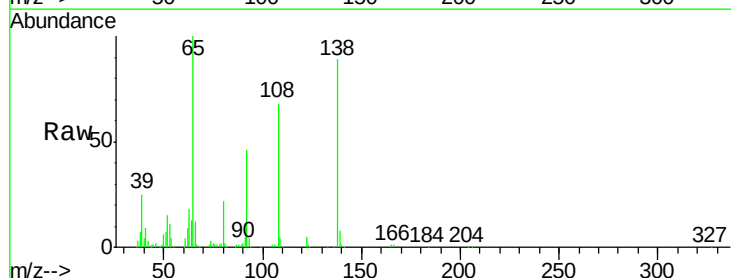
Instrument :
 BNA_G
 ClientSampled :

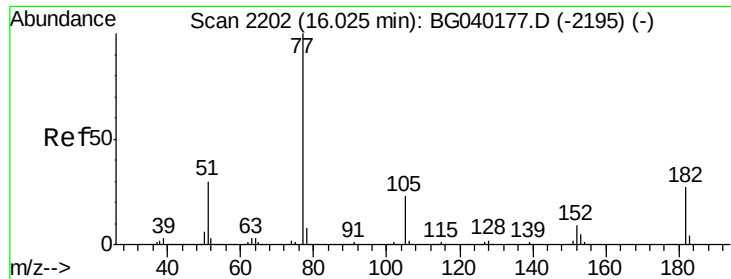
Tot Ion:204 Resp: 365095
 Ion Ratio Lower Upper
 204 100
 206 35.1 25.7 38.5
 141 55.7 44.0 66.0



#62
 4-Nitroaniline
 Concen: 44.724 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Tgt Ion:138 Resp: 189965
 Ion Ratio Lower Upper
 138 100
 92 51.2 31.8 71.8
 108 76.5 57.2 97.2





#63

Azobenzene

Concen: 41.645 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 669375

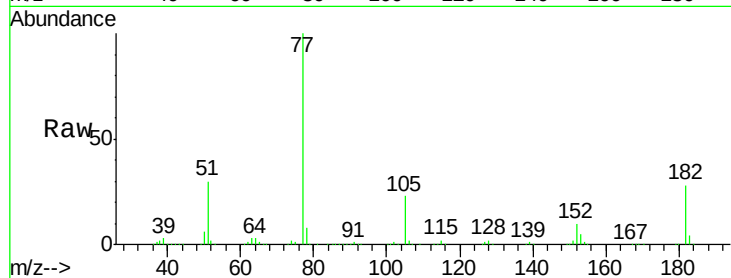
Ion Ratio Lower Upper

77 100

182 27.7 7.2 47.2

105 22.7 2.8 42.8

51 29.9 10.4 50.4

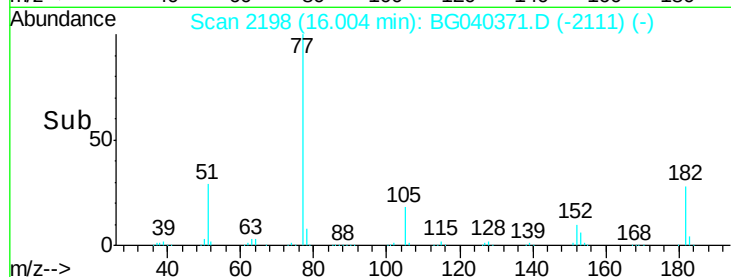


Abundance Ion 77.00 (76.70 to 77.70): BGC

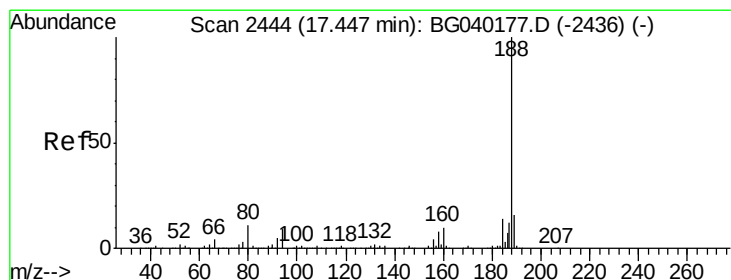
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time--> 15.90 16.00 16.10



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

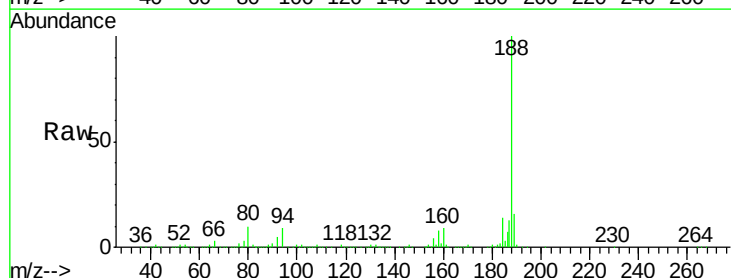
Tgt Ion: 188 Resp: 517005

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

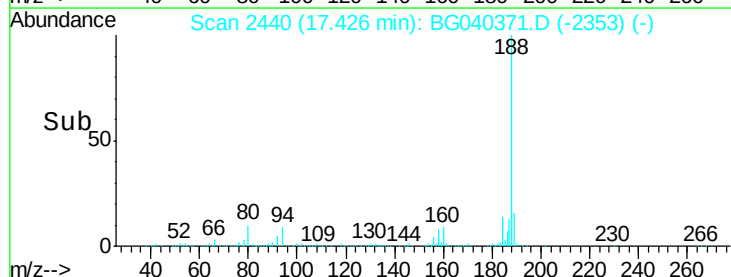
80 9.8 8.6 13.0



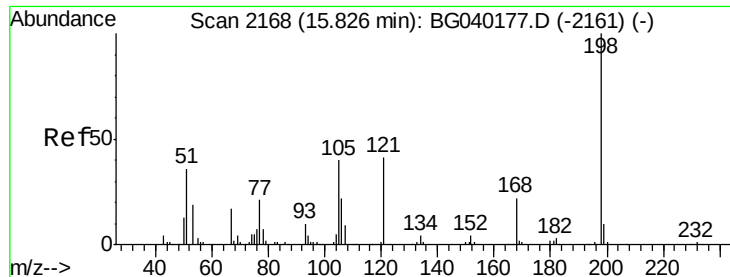
Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



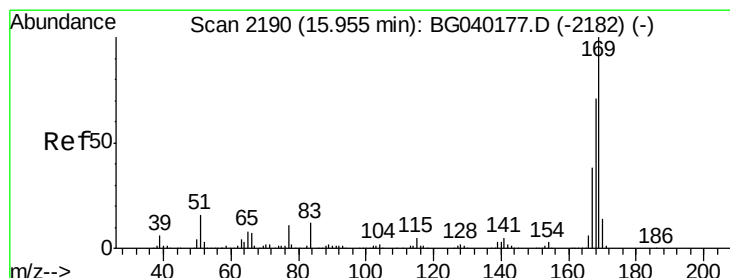
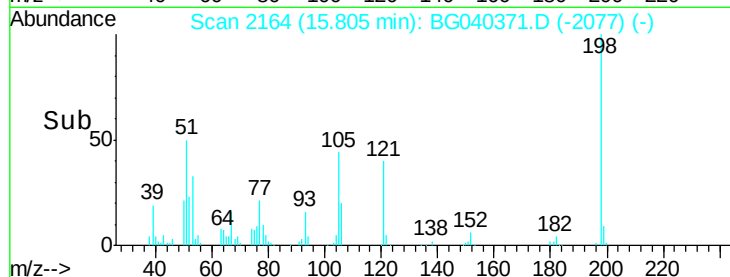
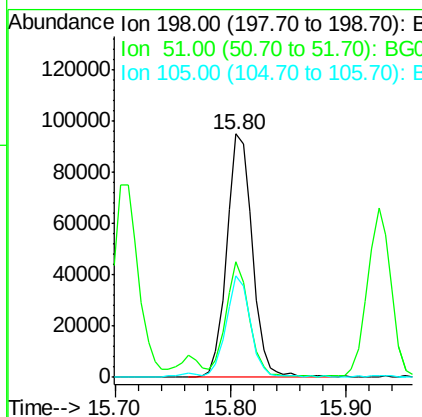
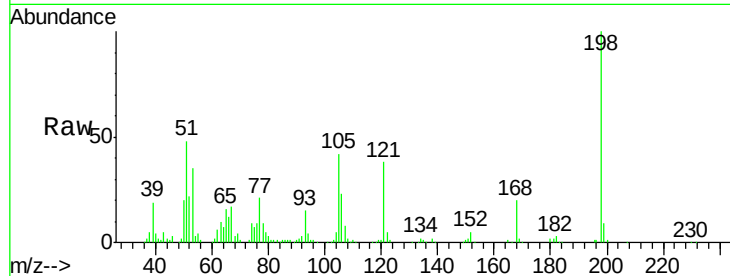
Time--> 17.40 17.50



#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.911 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

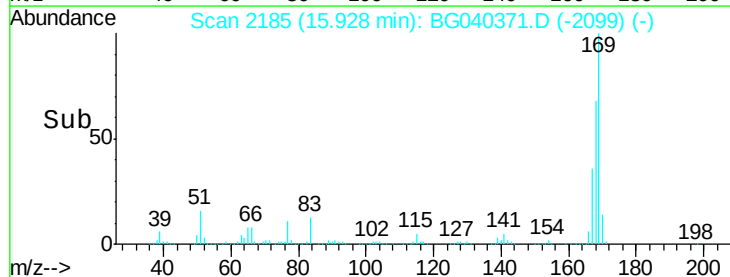
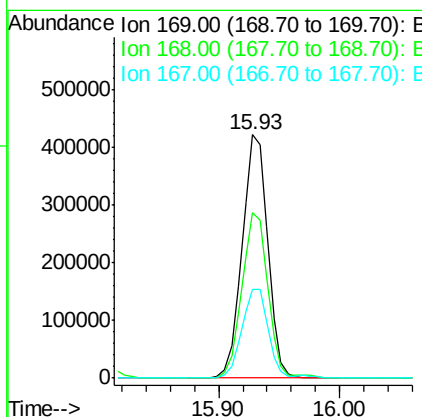
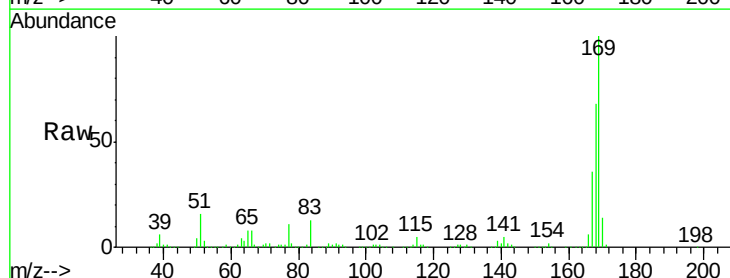
Instrument :
 BNA_G
 ClientSampleId :

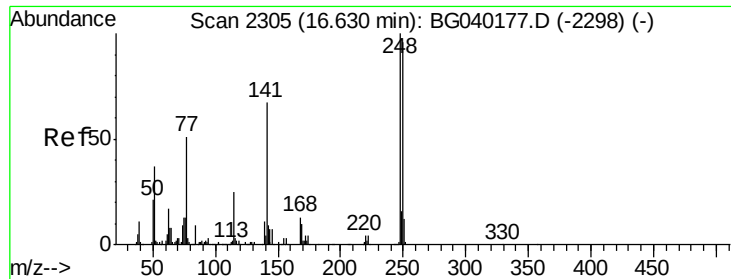
Tot Ion	Ratio	Lower	Upper
198	100		
51	47.6	27.3	67.3
105	41.8	21.7	61.7



#66
 n-Nitrosodiphenylamine
 Concen: 41.355 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.03 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.1	56.8	85.2
167	36.4	30.2	45.4

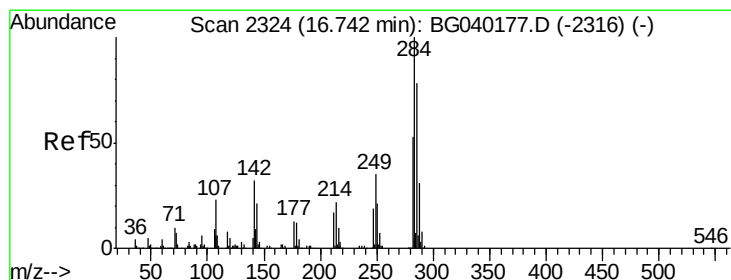
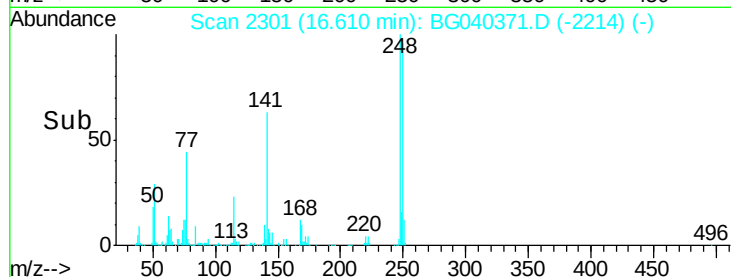
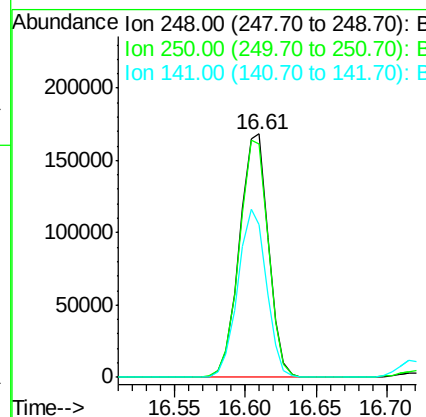
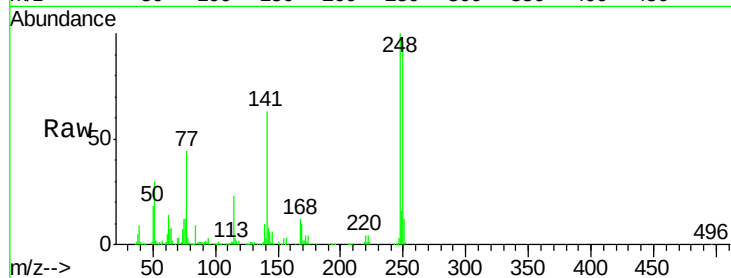




#67
4-Bromophenyl-phenylether
Concen: 41.236 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

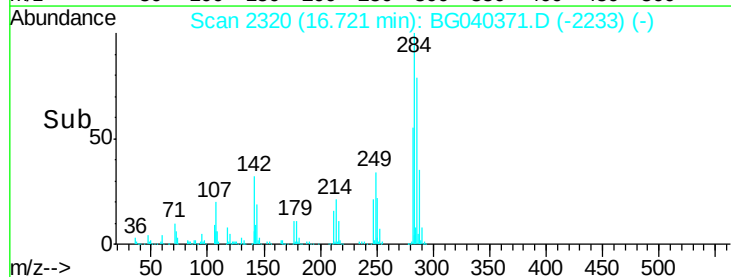
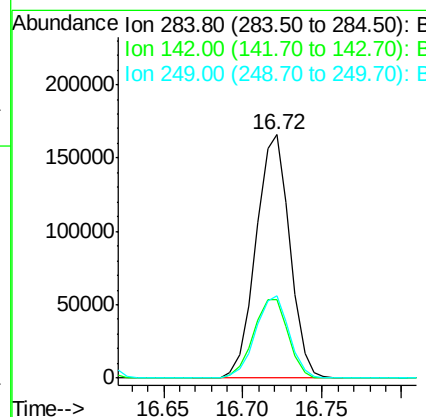
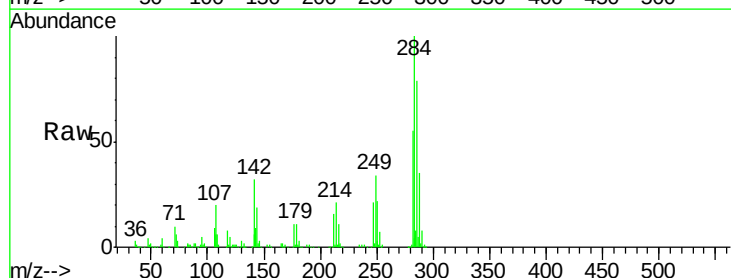
Instrument :
BNA_G
ClientSampleId :

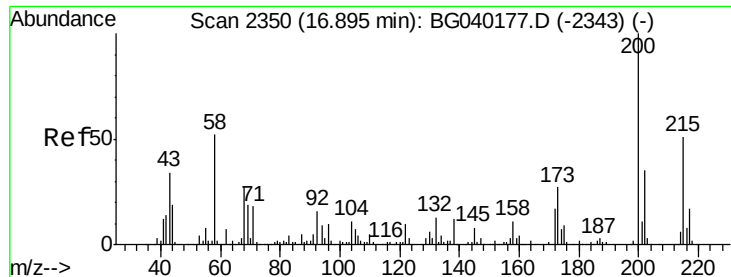
Tot Ion:248 Resp: 239917
Ion Ratio Lower Upper
248 100
250 95.7 76.4 114.6
141 62.8 53.8 80.8



#68
Hexachlorobenzene
Concen: 41.968 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion:284 Resp: 245506
Ion Ratio Lower Upper
284 100
142 32.3 25.3 37.9
249 33.6 28.2 42.2





#69

Atrazine

Concen: 23.645 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.03 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

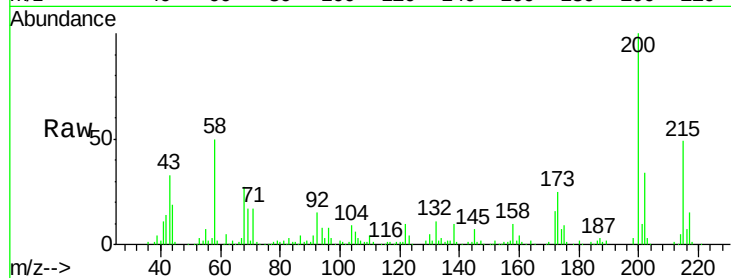
Tot Ion:200 Resp: 133073

Ion Ratio Lower Upper

200 100

173 25.0 7.1 47.1

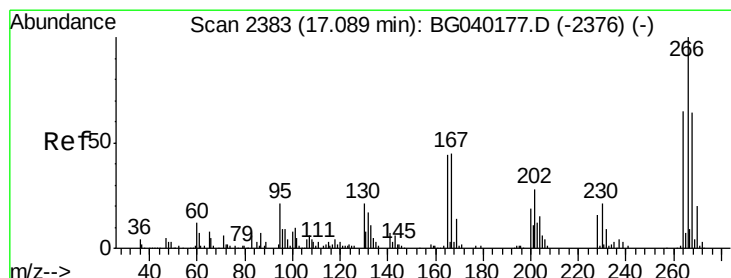
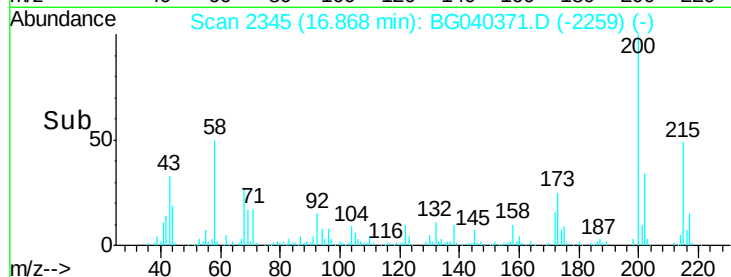
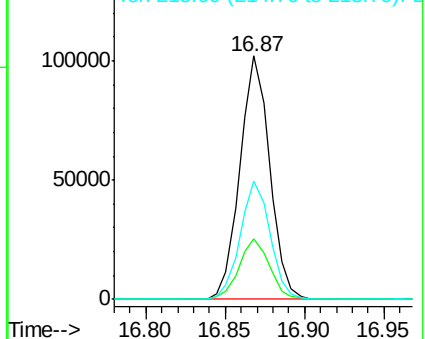
215 48.8 30.9 70.9



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: 80.789 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

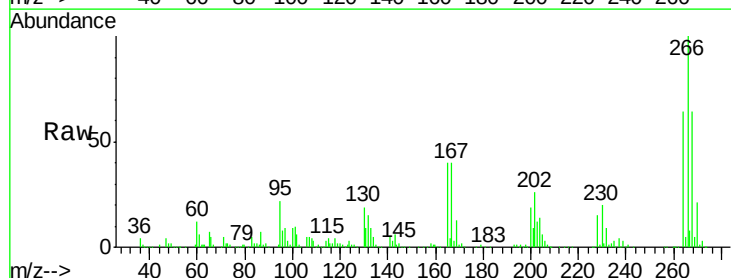
Tgt Ion:266 Resp: 273232

Ion Ratio Lower Upper

266 100

268 64.0 55.0 82.4

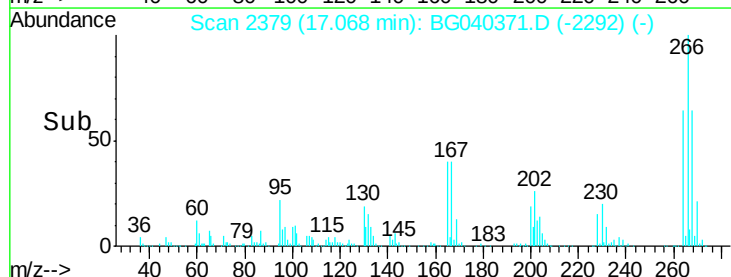
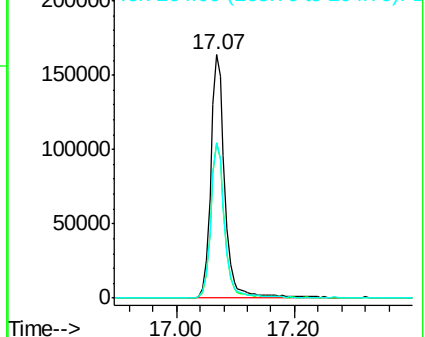
264 64.0 51.8 77.8

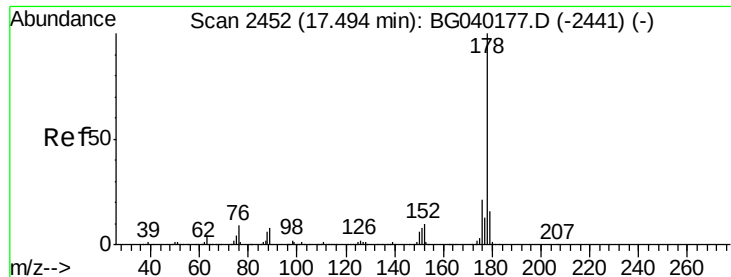


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

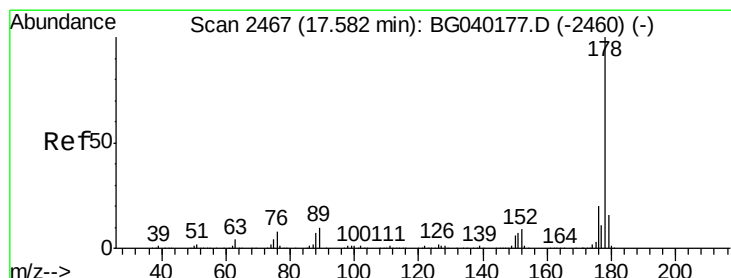
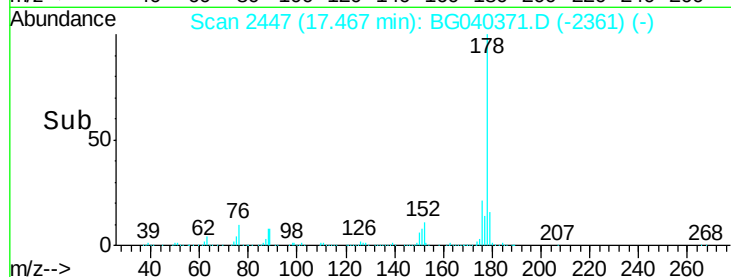
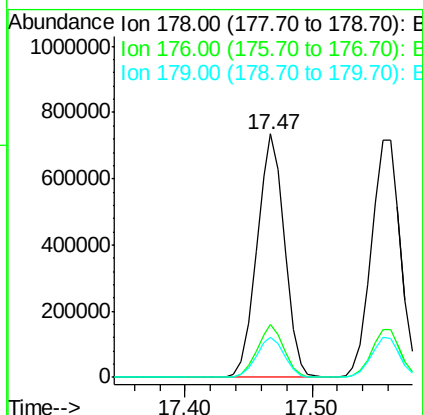
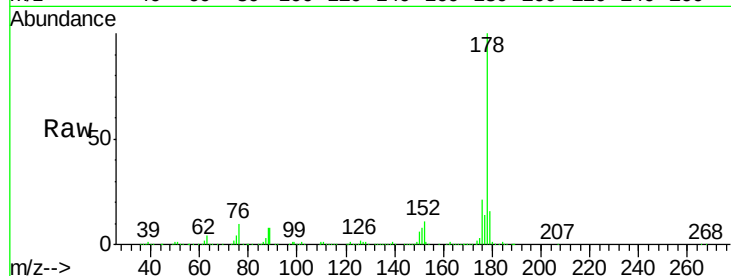




#71
Phenanthrene
Concen: 40.948 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

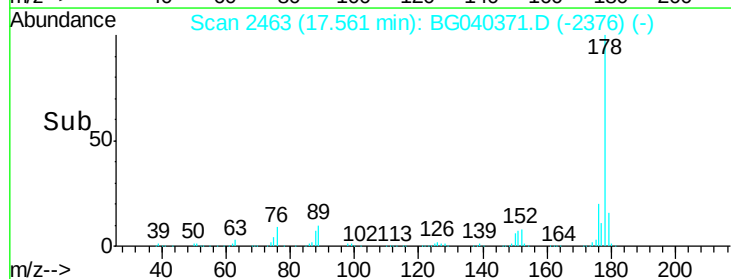
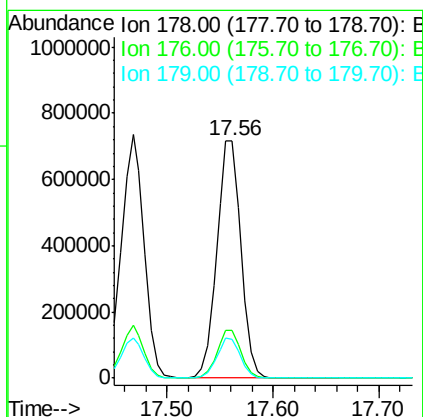
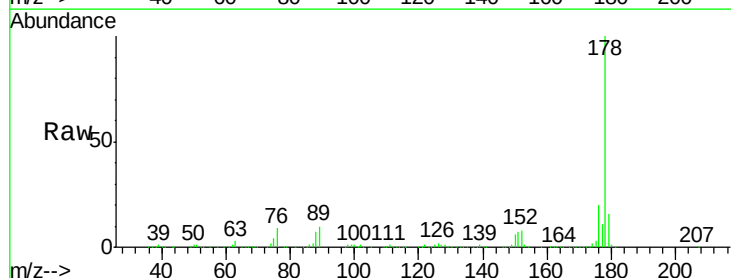
Instrument :
BNA_G
ClientSampled :

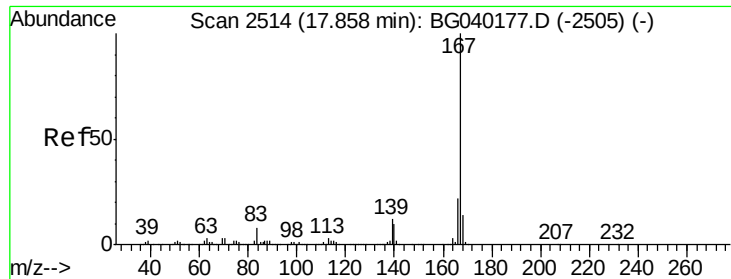
Tot Ion:178 Resp: 1112763
Ion Ratio Lower Upper
178 100
176 21.5 16.7 25.1
179 16.3 12.8 19.2



#72
Anthracene
Concen: 41.956 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion:178 Resp: 1141200
Ion Ratio Lower Upper
178 100
176 20.4 15.9 23.9
179 16.1 12.9 19.3

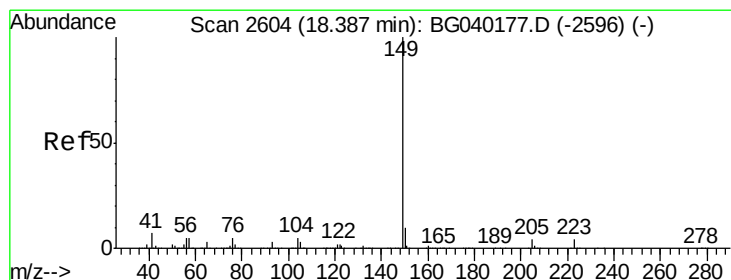
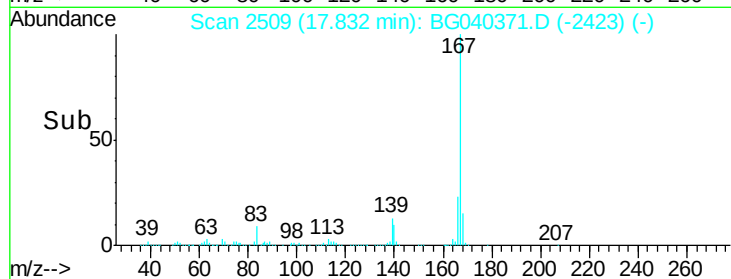
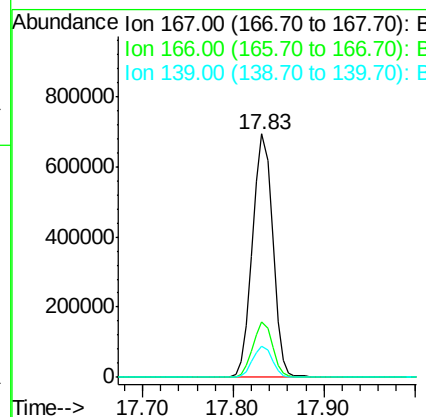
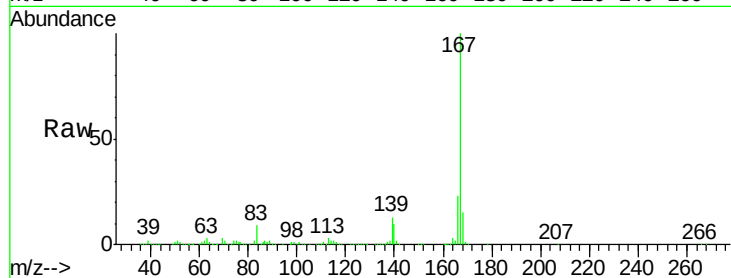




#73
 Carbazole
 Concen: 41.906 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.03 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

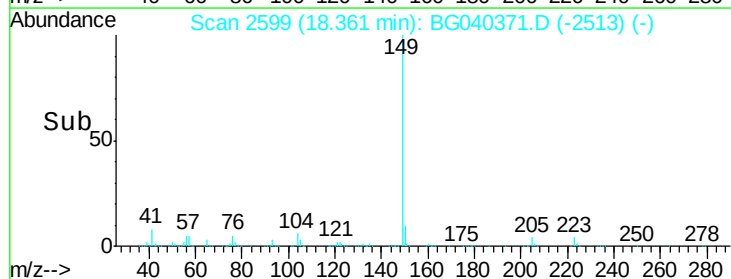
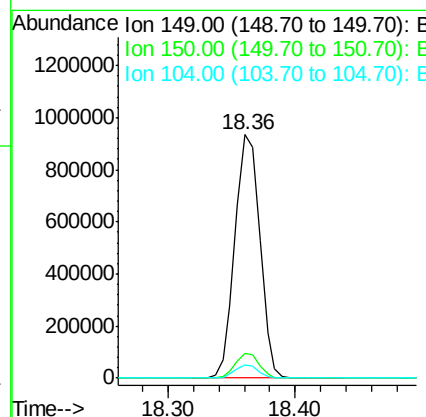
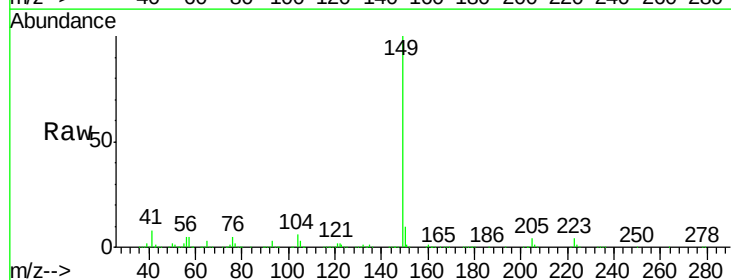
Instrument :
 BNA_G
 ClientSampleId :

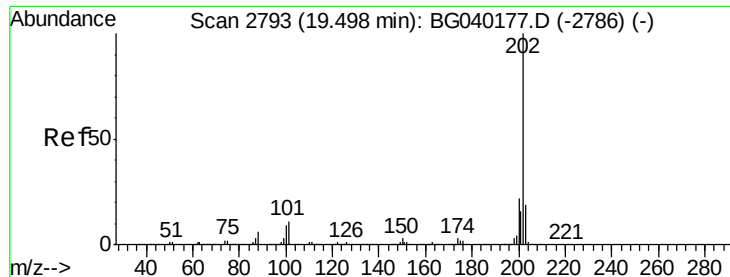
Tot Ion:167 Resp: 1078708
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.5 26.3
 139 12.6 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 41.536 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.03 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Tgt Ion:149 Resp: 1267362
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.9 11.9
 104 5.6 4.1 6.1





#75

Fluoranthene

Concen: 43.012 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

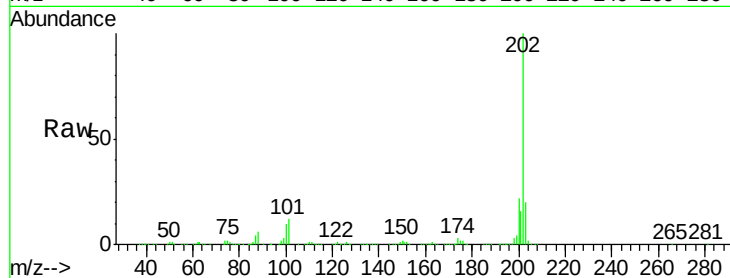
Tot Ion:202 Resp: 1384040

Ion Ratio Lower Upper

202 100

101 12.0 0.0 30.8

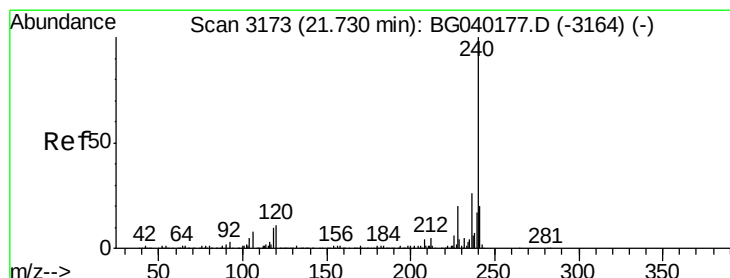
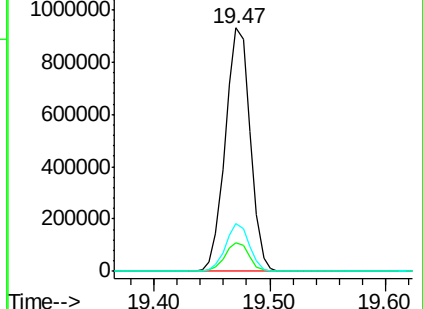
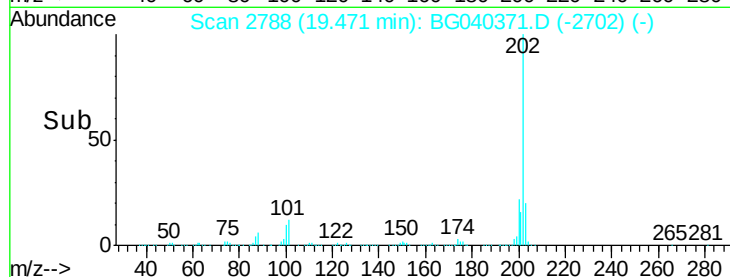
203 19.5 0.0 38.9



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: BG040371.D

Acq: 4 Apr 2019 22:39

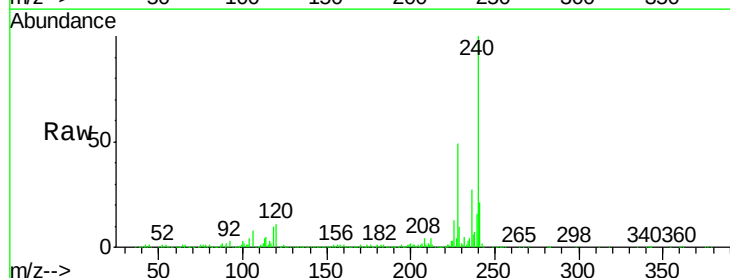
Tgt Ion:240 Resp: 533850

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

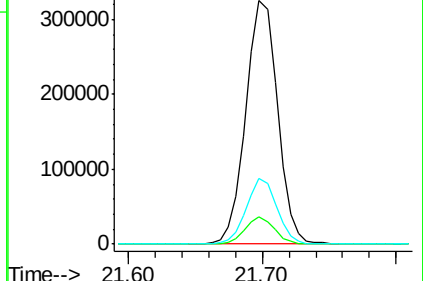
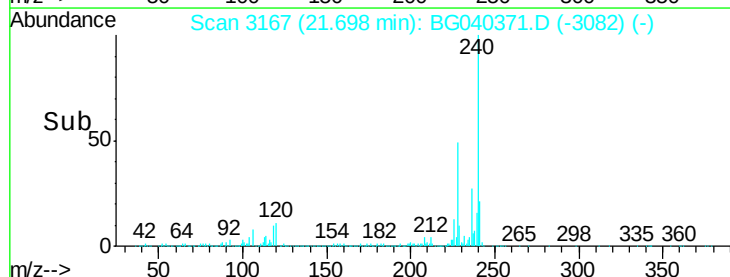
236 27.2 20.8 31.2

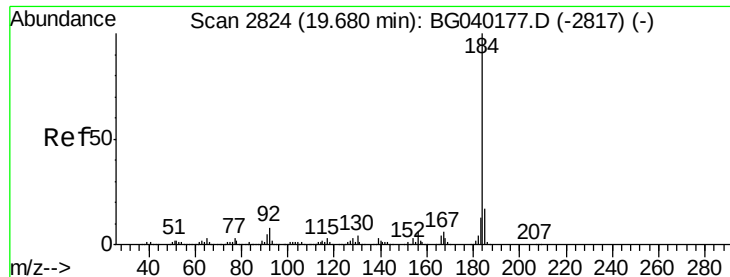


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.223 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

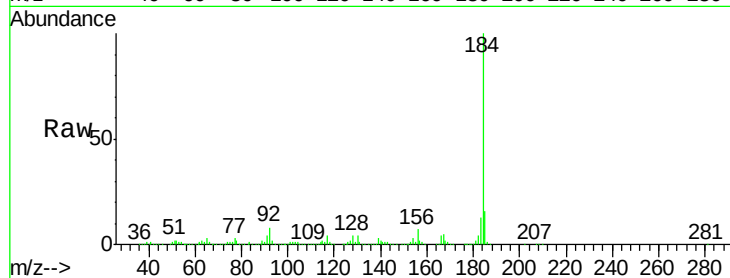
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 1006746

Ion	Ratio	Lower	Upper
184	100		
185	16.0	13.3	19.9
183	12.9	10.3	15.5

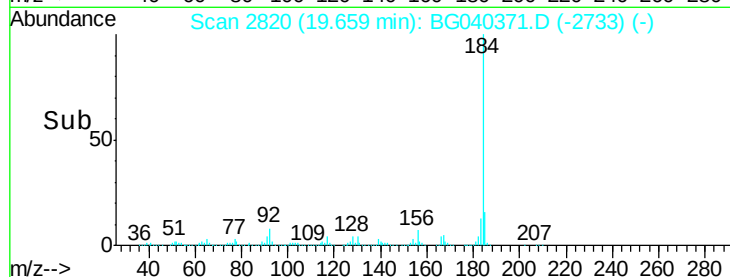


Abundance Ion 184.00 (183.70 to 184.70): E

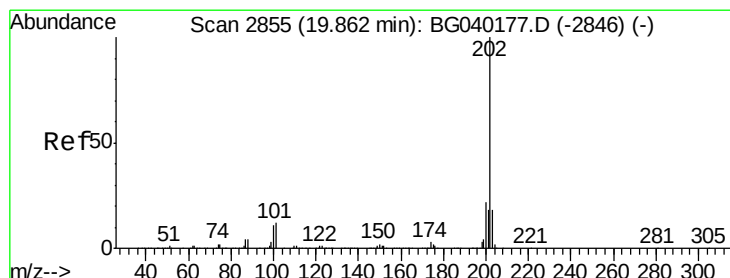
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.66



Time-->



#78

Pyrene

Concen: 39.185 ng

RT: 19.84 min Scan# 2850

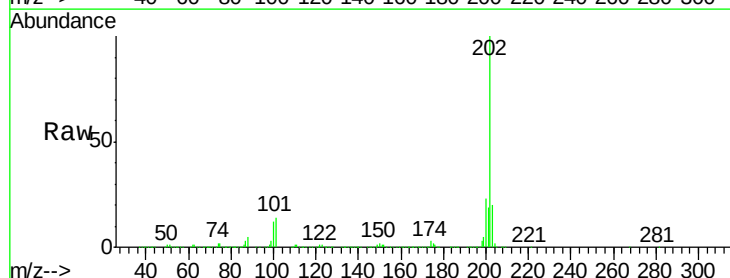
Delta R.T. -0.03 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Tgt Ion:202 Resp: 1375640

Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.3	25.9
203	19.9	14.6	22.0

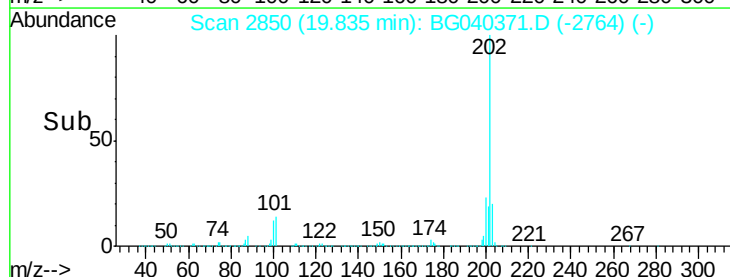


Abundance Ion 202.00 (201.70 to 202.70): E

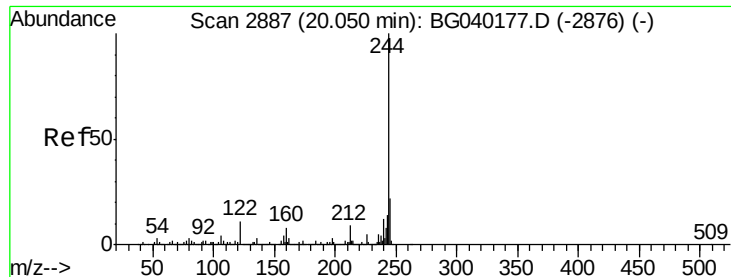
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.84



Time-->



#79

Terphenyl-d14

Concen: 78.223 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

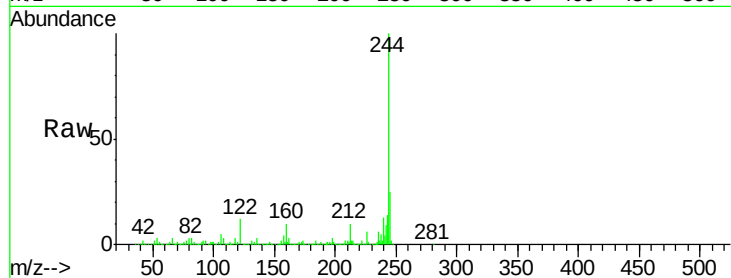
Tot Ion:244 Resp: 1856263

Ion Ratio Lower Upper

244 100

212 9.7 7.0 10.6

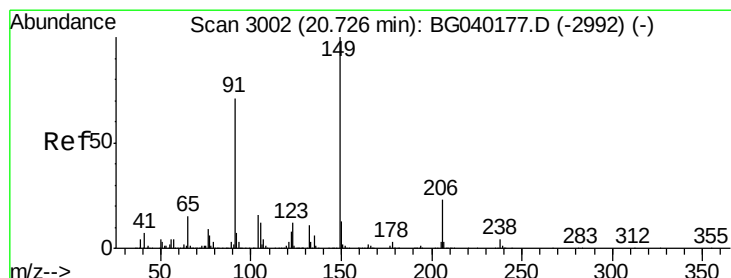
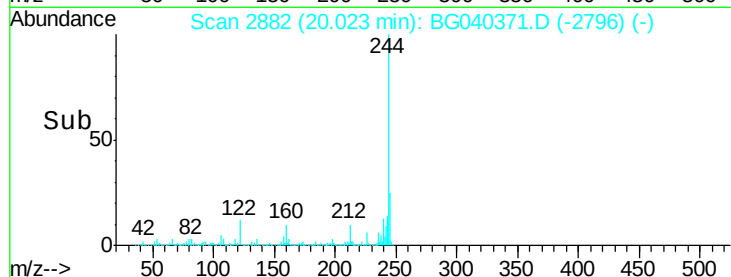
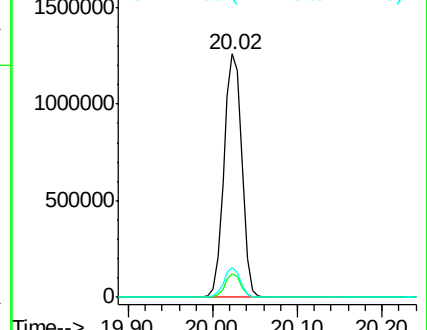
122 12.2 8.5 12.7



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: 41.928 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

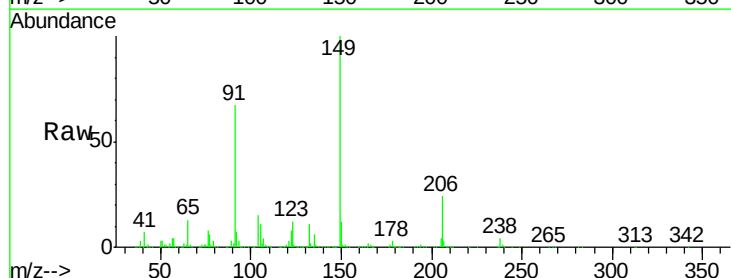
Tgt Ion:149 Resp: 629863

Ion Ratio Lower Upper

149 100

91 67.3 57.0 85.4

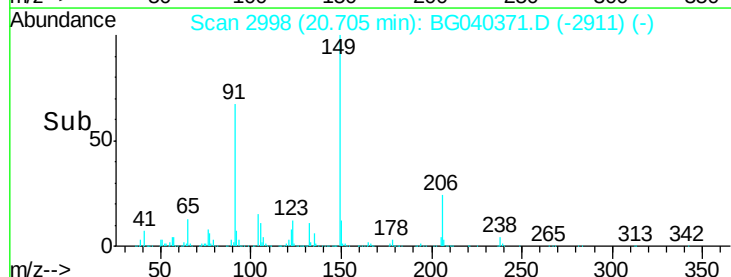
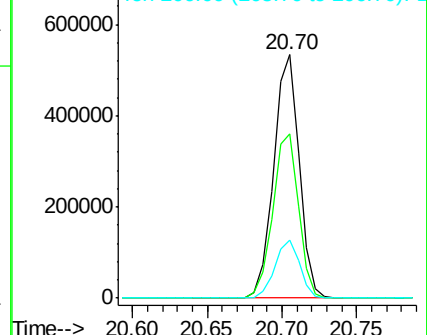
206 24.1 18.2 27.4

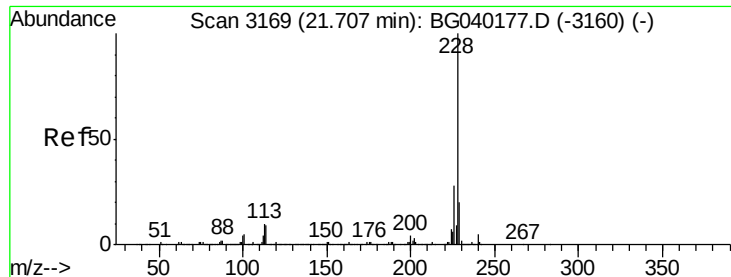


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

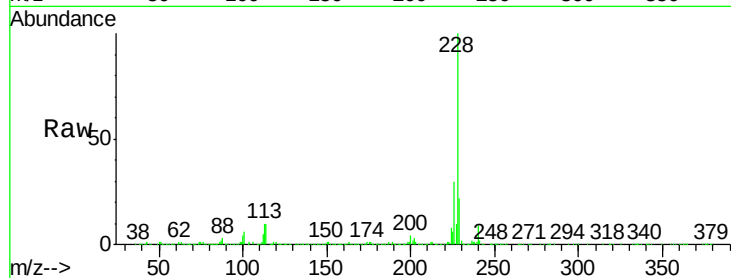




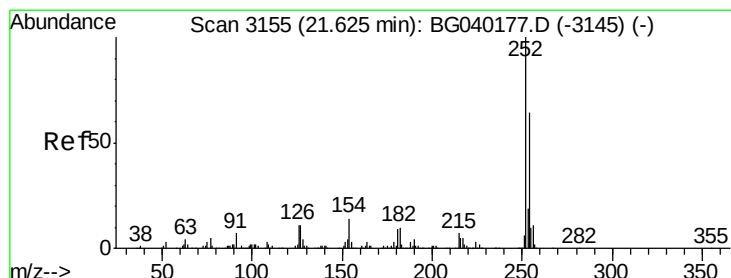
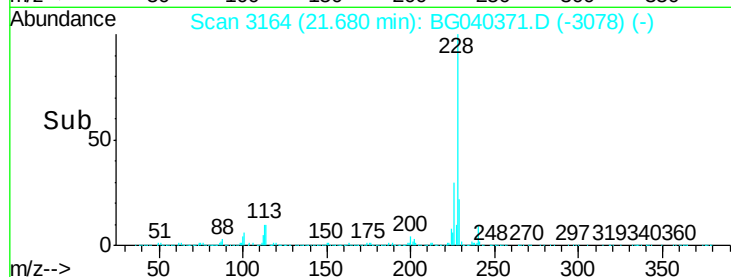
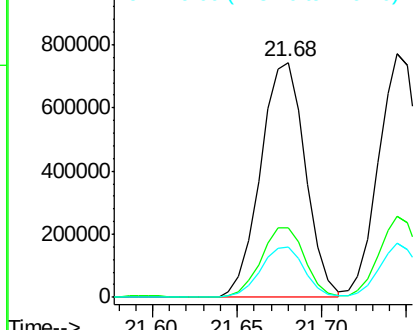
#81
Benzo(a)anthracene
Concen: 41.568 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:228 Resp: 1366856
Ion Ratio Lower Upper
228 100
226 29.5 22.6 34.0
229 21.7 16.1 24.1

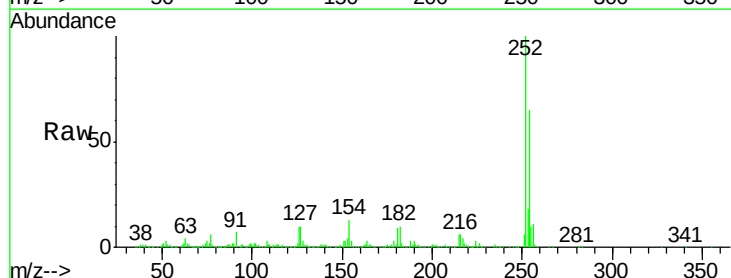


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

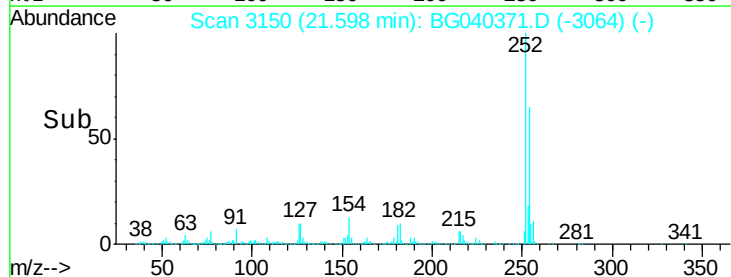
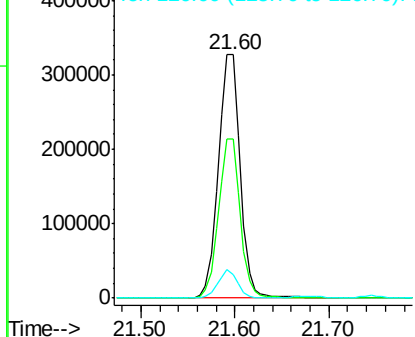


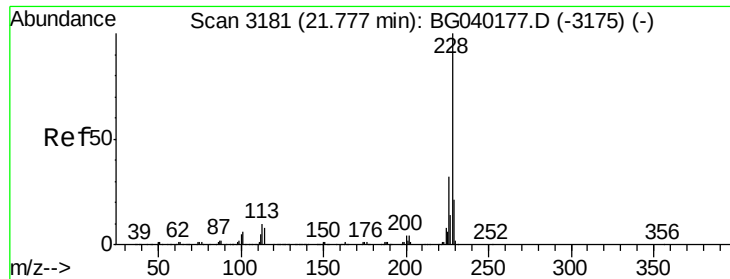
#82
3,3'-Dichlorobenzidine
Concen: 42.740 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion:252 Resp: 534619
Ion Ratio Lower Upper
252 100
254 65.4 51.4 77.2
126 9.8 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



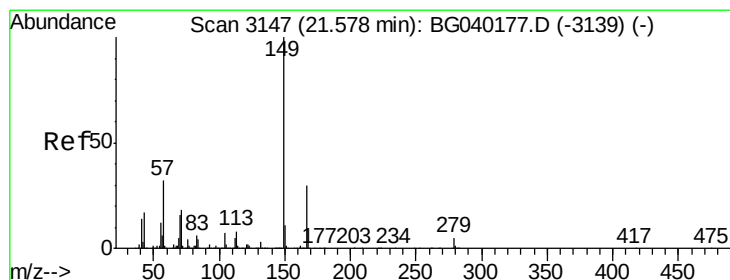
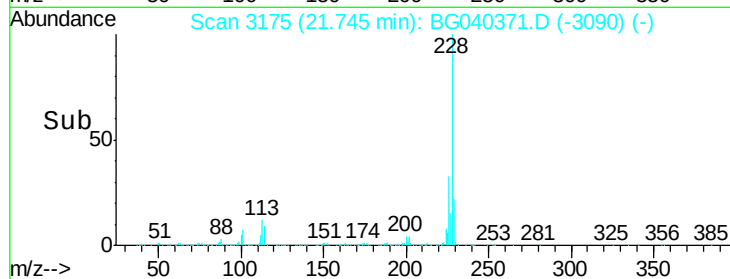
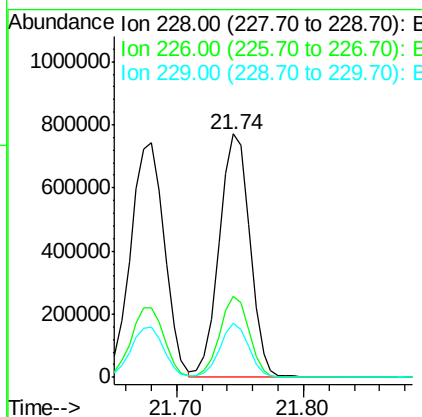
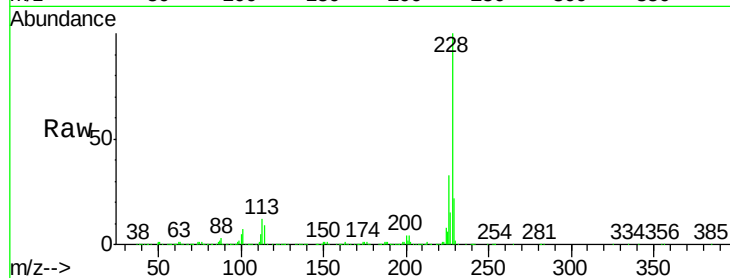


#83
 Chrysene
 Concen: 40.753 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.03 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:228 Resp: 1287869

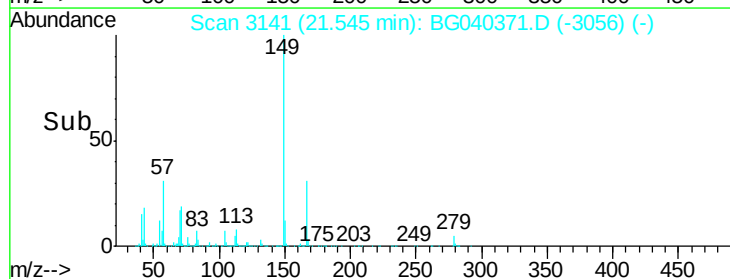
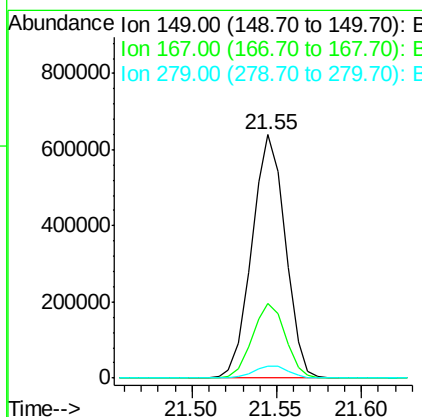
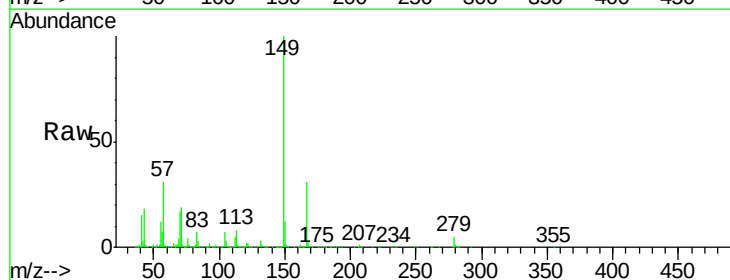
Ion	Ratio	Lower	Upper
228	100		
226	33.5	25.4	38.0
229	22.1	17.0	25.4

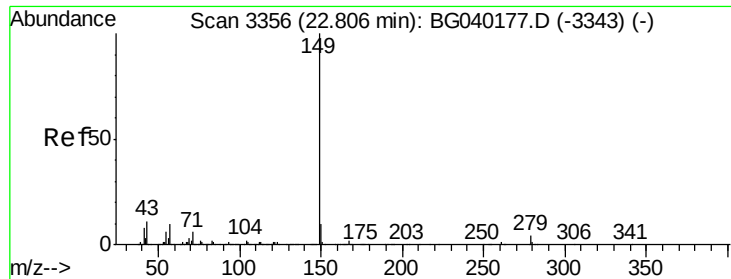


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.013 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. -0.03 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Tgt Ion:149 Resp: 880721

Ion	Ratio	Lower	Upper
149	100		
167	30.8	24.1	36.1
279	4.8	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 41.787 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

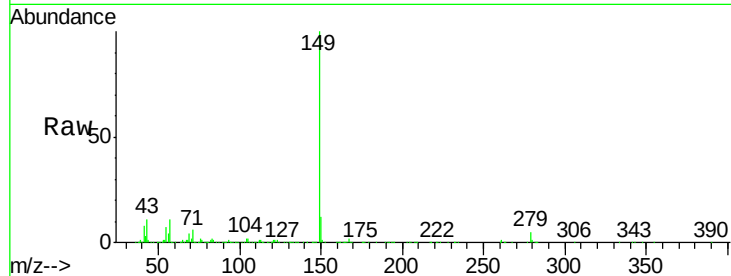
Tot Ion:149 Resp: 1528871

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

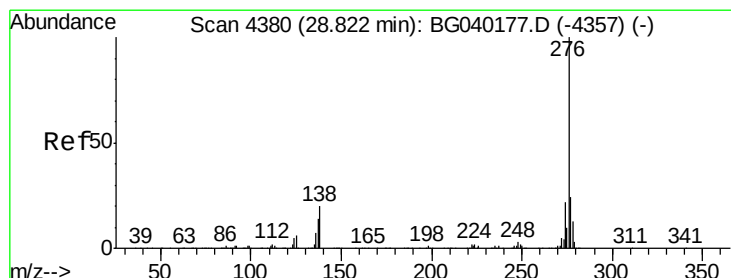
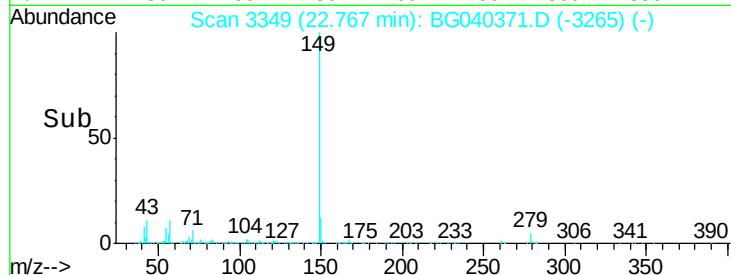
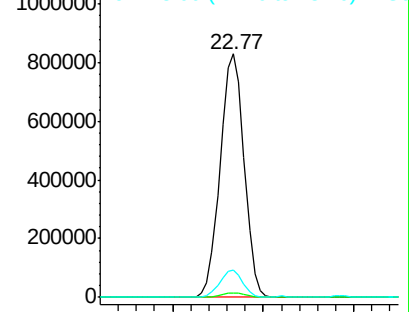
43 10.9 8.7 13.1



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: 43.079 ng

RT: 28.74 min Scan# 4365

Delta R.T. -0.09 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

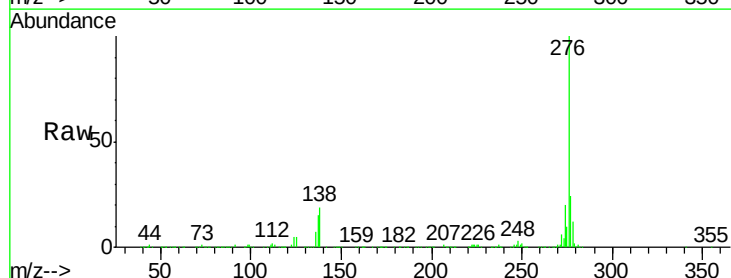
Tgt Ion:276 Resp: 1665045

Ion Ratio Lower Upper

276 100

138 14.4 18.8 28.2#

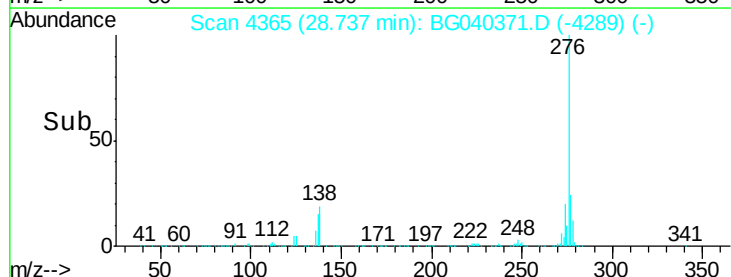
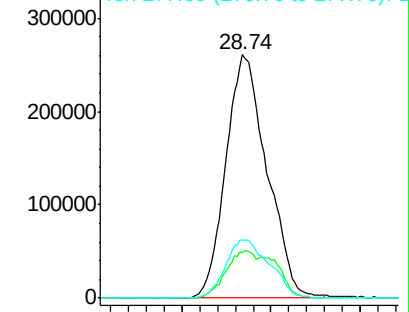
277 25.7 21.0 31.4

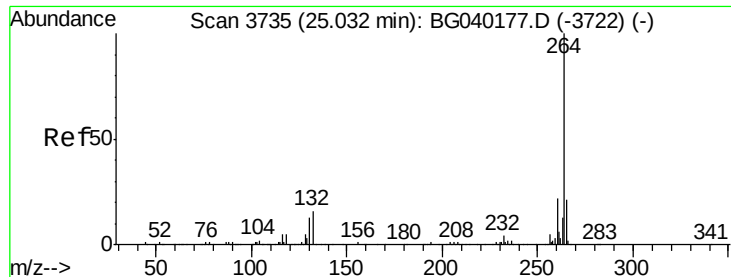


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

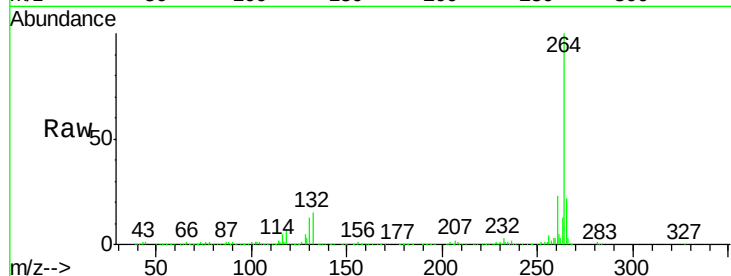
Tot Ion:264 Resp: 523823

Ion Ratio Lower Upper

264 100

260 23.0 17.9 26.9

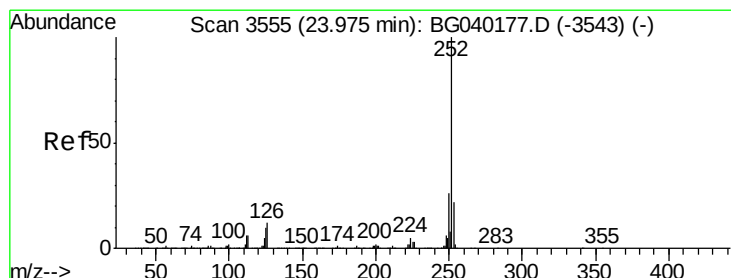
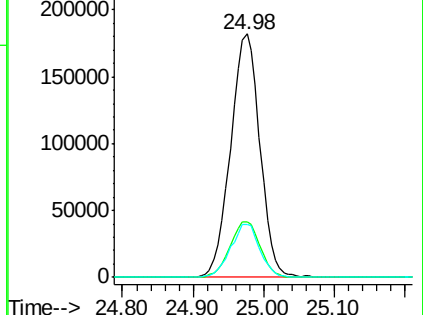
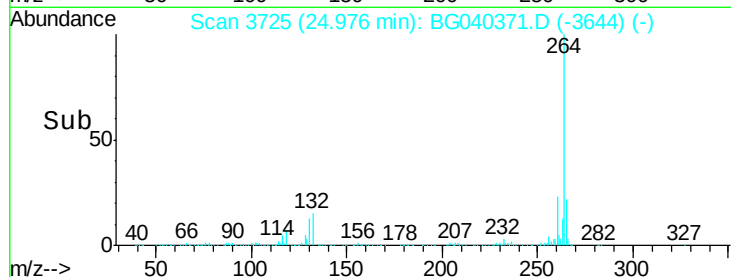
265 21.7 16.8 25.2



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: 44.340 ng

RT: 23.93 min Scan# 3547

Delta R.T. -0.04 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

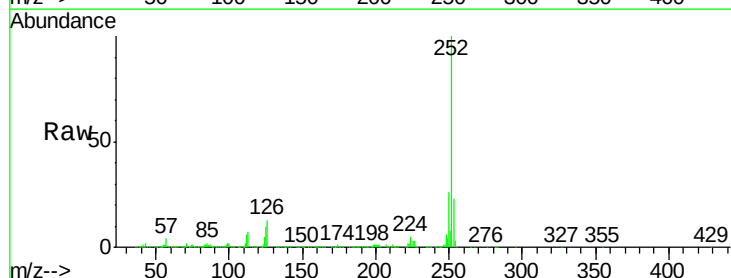
Tgt Ion:252 Resp: 1422009

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

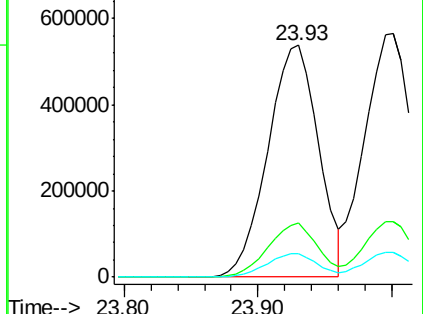
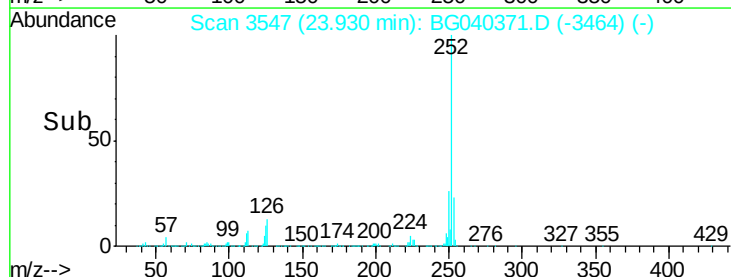
125 10.3 8.2 12.4

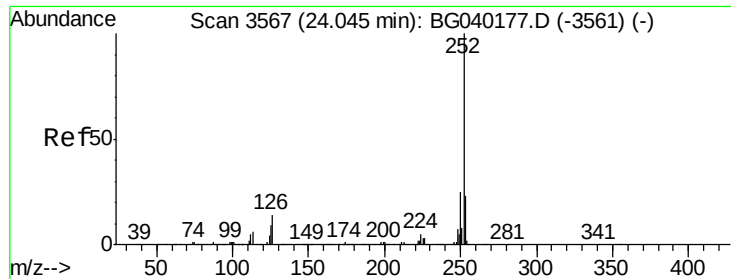


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

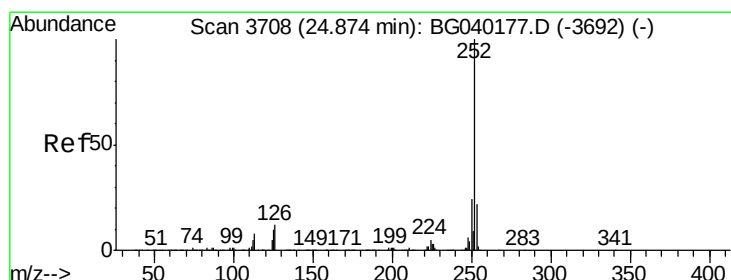
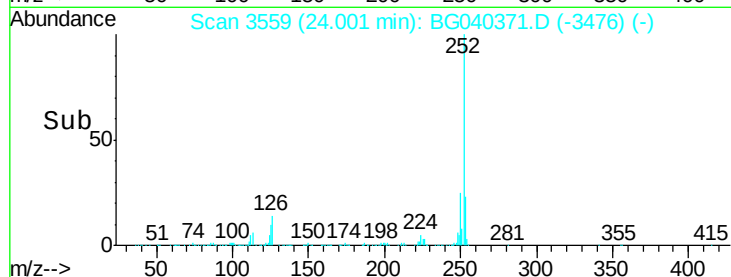
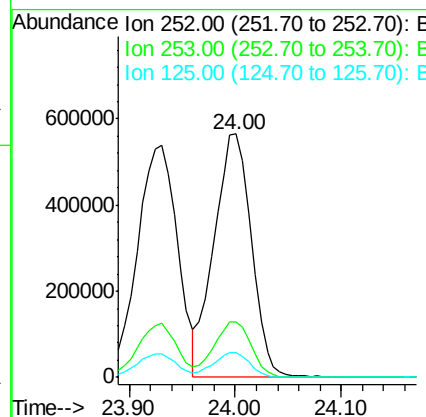
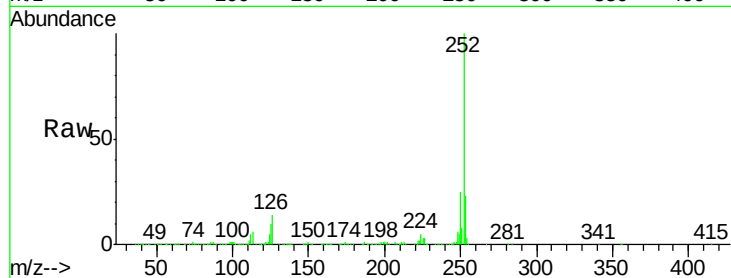




#89
Benzo(k)fluoranthene
Concen: 47.026 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.04 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

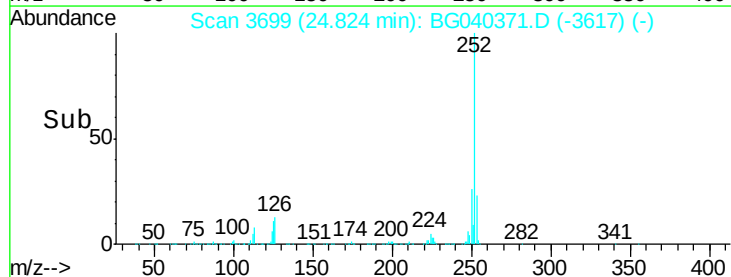
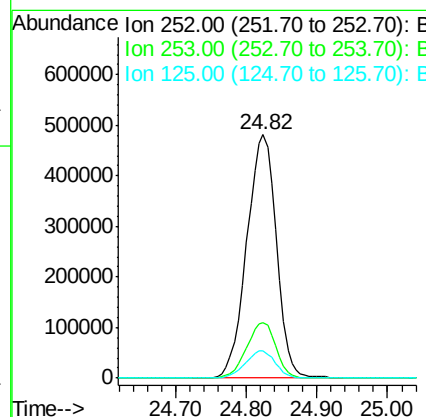
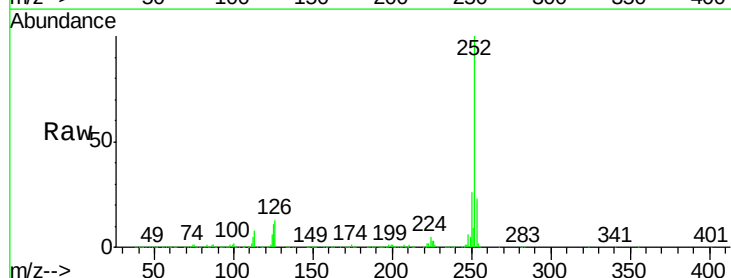
Instrument :
BNA_G
ClientSampleId :

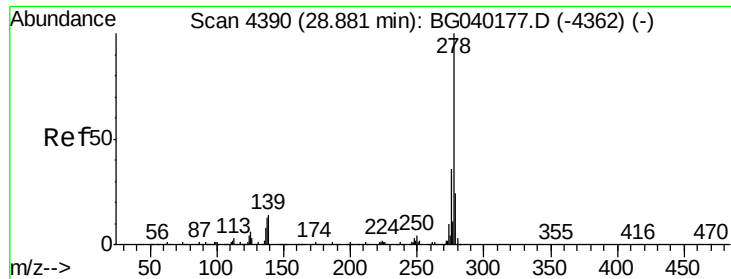
Tot Ion:252 Resp: 1386919
Ion Ratio Lower Upper
252 100
253 22.7 18.6 28.0
125 10.2 7.3 10.9



#90
Benzo(a)pyrene
Concen: 46.744 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.05 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion:252 Resp: 1406549
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 11.1 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 47.950 ng

RT: 28.81 min Scan# 4377

Delta R.T. -0.07 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

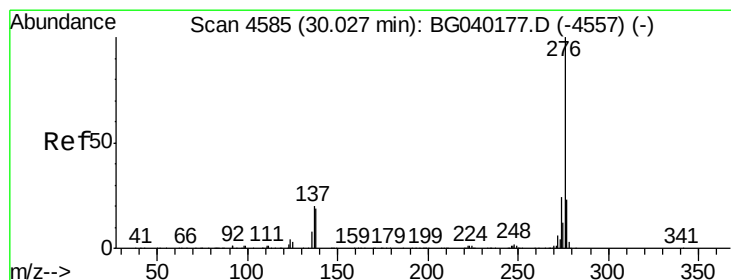
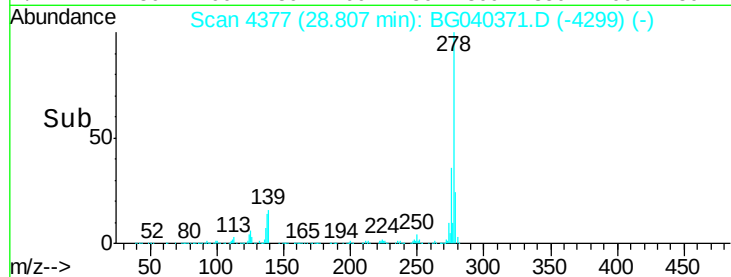
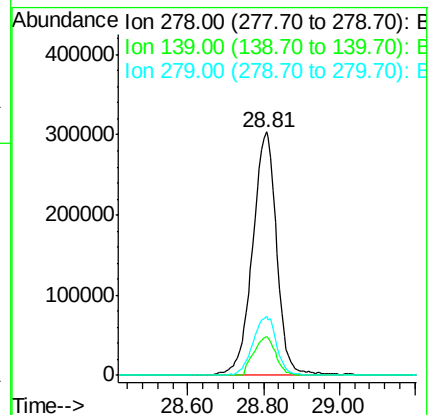
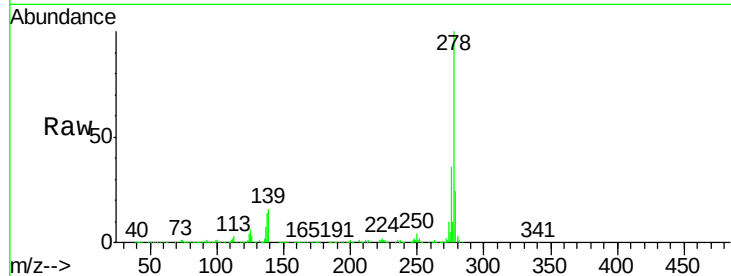
Tot Ion:278 Resp: 1340035

Ion Ratio Lower Upper

278 100

139 15.9 11.2 16.8

279 24.4 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 48.157 ng

RT: 29.93 min Scan# 4568

Delta R.T. -0.10 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Tgt Ion:276 Resp: 1383102

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 20.7 15.2 22.8

