

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040329.D
 Acq On : 3 Apr 2019 17:04
 Operator : JU/SJ
 Sample : PB118511BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 01:23:32 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	48170	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	184047	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	120347	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	326507	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	368913	20.00	ng	-0.03
87) Perylene-d12	24.98	264	366787	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	374012	129.08	ng	-0.01
7) Phenol-d6	7.20	99	501416	125.21	ng	-0.02
23) Nitrobenzene-d5	9.22	82	305724	88.29	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	208759	160.51	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	709969	87.41	ng	-0.02
79) Terphenyl-d14	20.03	244	1376341	83.93	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	51532	37.822	ng	# 92
3) Pyridine	3.89	79	134381	36.632	ng	98
4) n-Nitrosodimethylamine	3.82	42	60237	35.498	ng	88
6) Aniline	7.38	93	134953	25.939	ng	94
8) 2-Chlorophenol	7.61	128	128101	37.767	ng	96
9) Benzaldehyde	7.19	77	86208	31.384	ng	95
10) Phenol	7.23	94	169579	39.014	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	126386	36.304	ng	99
12) 1,3-Dichlorobenzene	7.94	146	137513	37.294	ng	95
13) 1,4-Dichlorobenzene	8.08	146	143042	38.950	ng	97
14) 1,2-Dichlorobenzene	8.40	146	130063	37.035	ng	98
15) Benzyl Alcohol	8.29	79	113384	35.158	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.56	45	232666	34.823	ng	98
17) 2-Methylphenol	8.49	107	117200	38.966	ng	98
18) Hexachloroethane	9.13	117	50247	35.970	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	96666	33.668	ng	99
20) 3+4-Methylphenols	8.82	107	159069	39.039	ng	98
22) Acetophenone	8.88	105	192530	41.936	ng	# 98
24) Nitrobenzene	9.27	77	146406	40.832	ng	98
25) Isophorone	9.78	82	284617	39.949	ng	98
26) 2-Nitrophenol	9.98	139	72318	42.565	ng	95
27) 2,4-Dimethylphenol	10.02	122	135682	50.276	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	170395	40.426	ng	99
29) 2,4-Dichlorophenol	10.51	162	135273	46.179	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	137537	42.760	ng	99
31) Naphthalene	10.92	128	397215	42.106	ng	99
32) Benzoic acid	10.12	122	28515	17.488	ng	92
33) 4-Chloroaniline	11.03	127	96892	24.079	ng	95
34) Hexachlorobutadiene	11.17	225	82591	40.149	ng	95
35) Caprolactam	11.81	113	23543	20.253	ng	97
36) 4-Chloro-3-methylphenol	12.14	107	151401	44.958	ng	99
37) 2-Methylnaphthalene	12.51	142	297128	42.586	ng	98
38) 1-Methylnaphthalene	12.73	142	283741	41.939	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	151220	39.534	ng	98

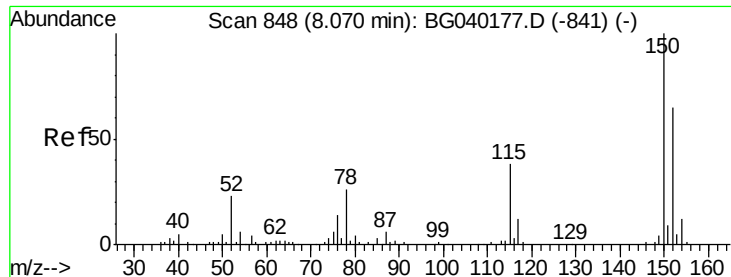
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040329.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	181991	86.653	ng	97
43) 2,4,6-Trichlorophenol	13.12	196	113211	45.906	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	127498	47.432	ng	98
46) 1,1'-Biphenyl	13.51	154	381988	40.171	ng	98
47) 2-Chloronaphthalene	13.57	162	297918	40.844	ng	99
48) 2-Nitroaniline	13.78	65	101576	41.286	ng	98
49) Acenaphthylene	14.41	152	502442	40.628	ng	100
50) Dimethylphthalate	14.13	163	403973	42.890	ng	98
51) 2,6-Dinitrotoluene	14.27	165	90022	42.566	ng	94
52) Acenaphthene	14.75	154	290253	40.959	ng	96
53) 3-Nitroaniline	14.60	138	68382	30.546	ng	# 95
54) 2,4-Dinitrophenol	14.81	184	84158	74.825	ng	94
55) Dibenzofuran	15.08	168	482855	42.405	ng	98
56) 4-Nitrophenol	14.90	139	175535	97.153	ng	99
57) 2,4-Dinitrotoluene	15.05	165	135618	46.150	ng	95
58) Fluorene	15.73	166	381264	42.588	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	125269	51.356	ng	97
60) Diethylphthalate	15.48	149	438524	45.498	ng	100
61) 4-Chlorophenyl-phenylether	15.72	204	203106	42.443	ng	99
62) 4-Nitroaniline	15.76	138	114530	47.672	ng	98
63) Azobenzene	16.00	77	386061	42.465	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	70306	38.327	ng	92
66) n-Nitrosodiphenylamine	15.93	169	374927	39.241	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	138204	37.613	ng	98
68) Hexachlorobenzene	16.72	284	143796	38.923	ng	97
69) Atrazine	16.87	200	142315	40.041	ng	98
70) Pentachlorophenol	17.07	266	156891	73.455	ng	99
71) Phenanthrene	17.47	178	703739	41.006	ng	99
72) Anthracene	17.56	178	733413	42.696	ng	99
73) Carbazole	17.84	167	726092	44.664	ng	99
74) Di-n-butylphthalate	18.37	149	875689	45.444	ng	100
75) Fluoranthene	19.48	202	940625	46.287	ng	99
77) Benzidine	19.66	184	444246	33.347	ng	97
78) Pyrene	19.84	202	955804	39.398	ng	99
80) Butylbenzylphthalate	20.71	149	437876	42.180	ng	95
81) Benzo(a)anthracene	21.68	228	890783	39.202	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	202184	23.390	ng	98
83) Chrysene	21.75	228	872122	39.936	ng	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	621611	41.888	ng	100
85) Di-n-octyl phthalate	22.77	149	1055799	41.759	ng	99
86) Indeno(1,2,3-cd)pyrene	28.75	276	1080540	40.455	ng	# 92
88) Benzo(b)fluoranthene	23.94	252	965839	43.010	ng	99
89) Benzo(k)fluoranthene	24.01	252	905038	43.826	ng	98
90) Benzo(a)pyrene	24.83	252	927378	44.015	ng	100
91) Dibenzo(a,h)anthracene	28.81	278	885180	45.235	ng	98
92) Benzo(g,h,i)perylene	29.93	276	909600	45.230	ng	98

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

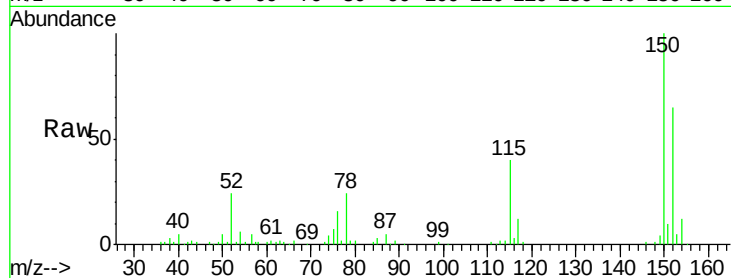


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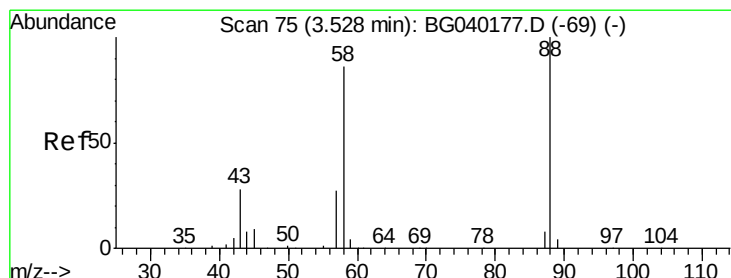
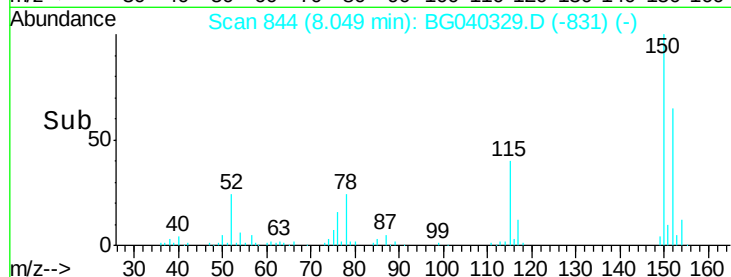
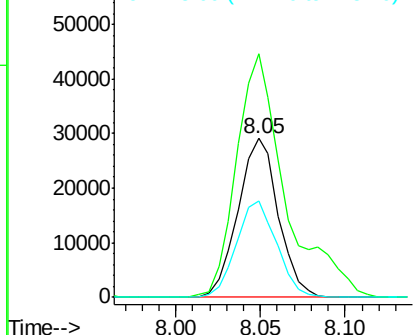
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 48170
Ion Ratio Lower Upper
152 100
150 153.5 123.7 185.5
115 61.0 46.9 70.3



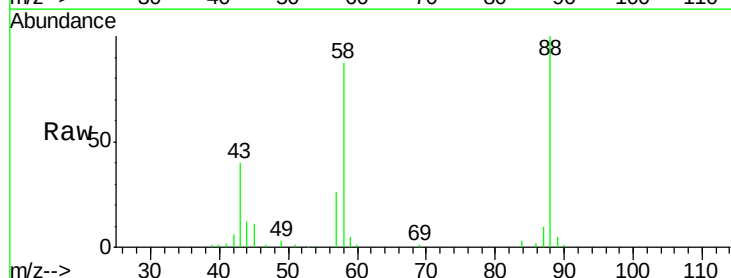
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



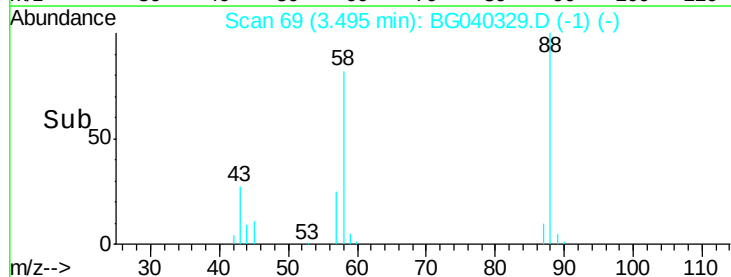
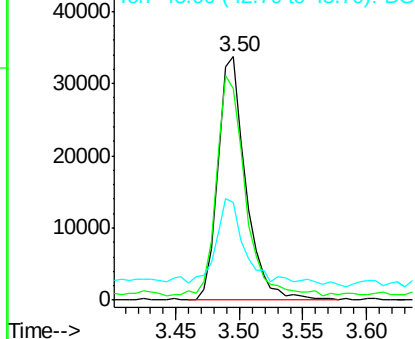
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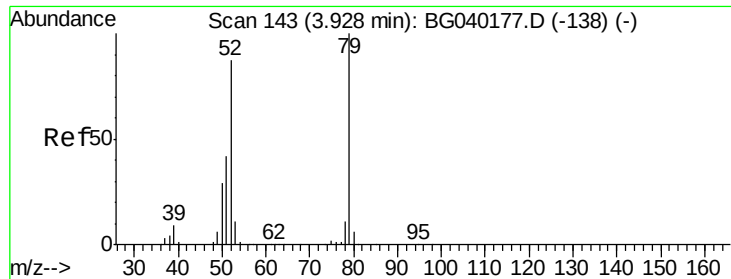
1,4-Dioxane
Concen: 37.822 ng
RT: 3.50 min Scan# 69
Delta R.T. -0.03 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

Tgt Ion: 88 Resp: 51532
Ion Ratio Lower Upper
88 100
58 91.4 70.6 106.0
43 42.7 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: 36.632 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Instrument :

BNA_G

ClientSampleId :

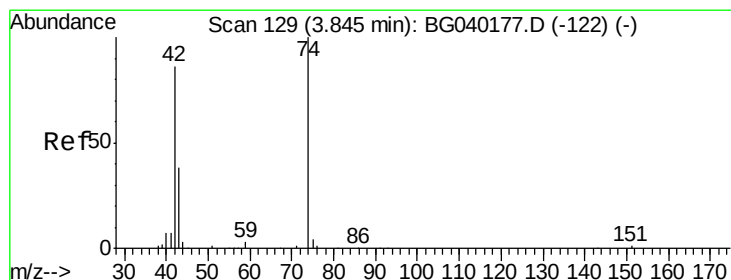
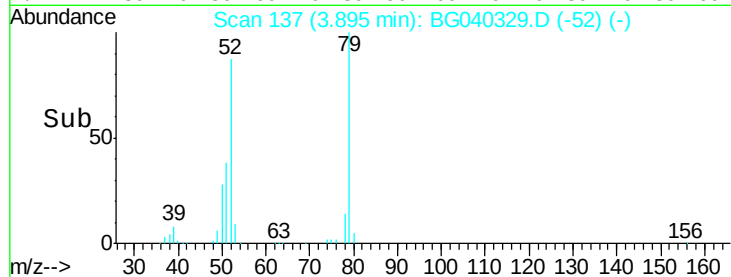
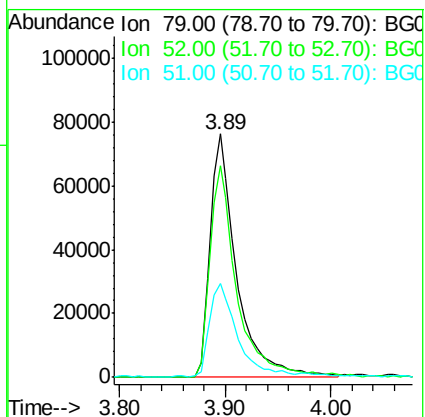
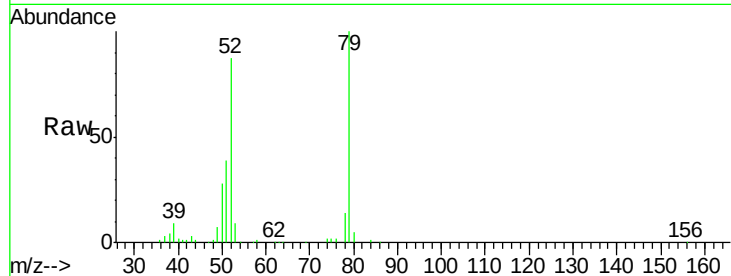
Tot Ion: 79 Resp: 134381

Ion Ratio Lower Upper

79 100

52 86.8 69.8 104.8

51 38.6 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 35.498 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

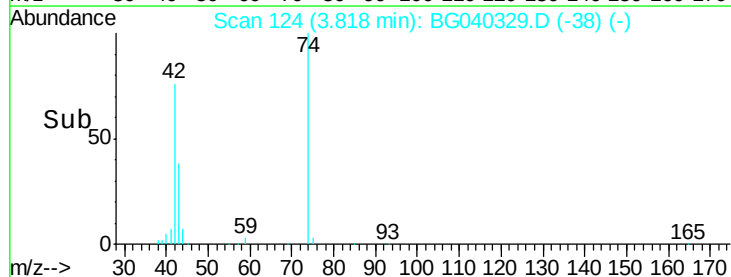
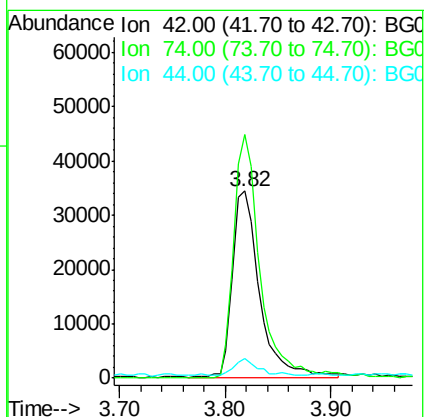
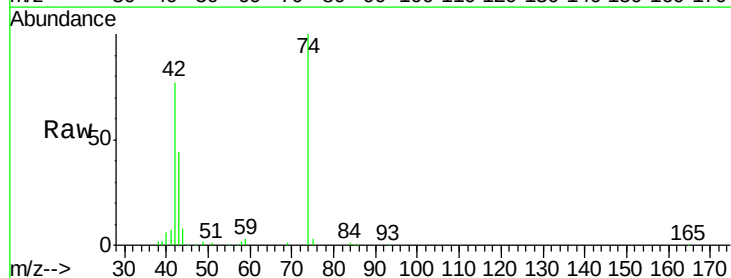
Tgt Ion: 42 Resp: 60237

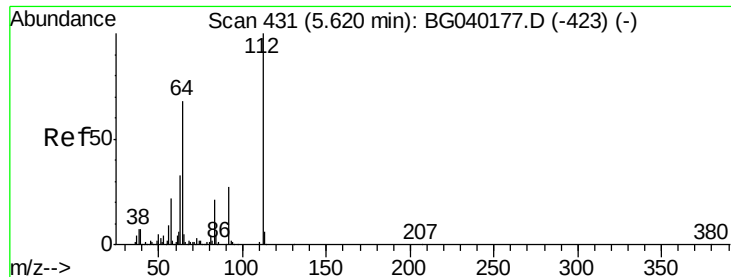
Ion Ratio Lower Upper

42 100

74 130.3 92.9 139.3

44 10.6 9.7 14.5





#5

2-Fluorophenol

Concen: 129.077 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.01 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Instrument :

BNA_G

ClientSampleId :

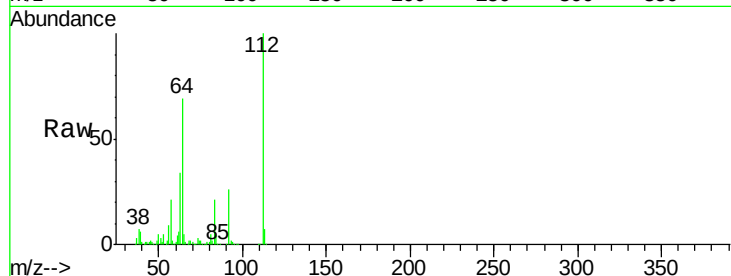
Tot Ion:112 Resp: 374012

Ion Ratio Lower Upper

112 100

64 68.6 54.2 81.2

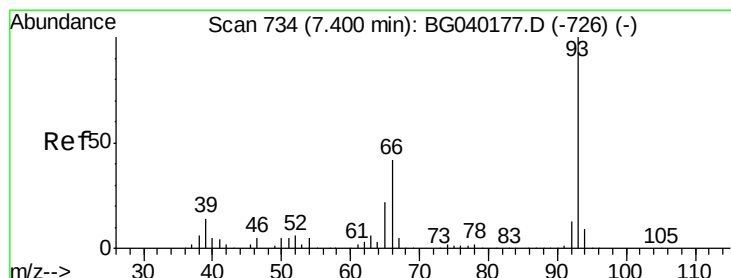
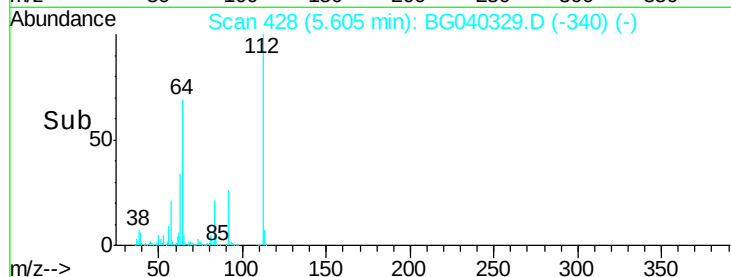
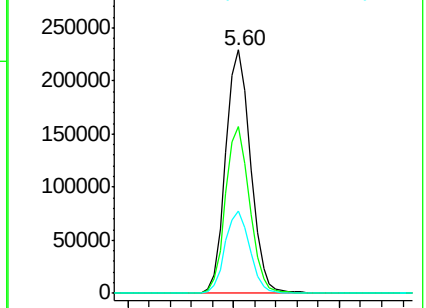
63 33.6 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.939 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

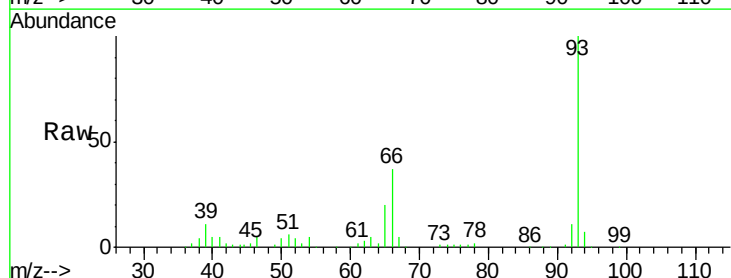
Tgt Ion: 93 Resp: 134953

Ion Ratio Lower Upper

93 100

66 37.0 33.6 50.4

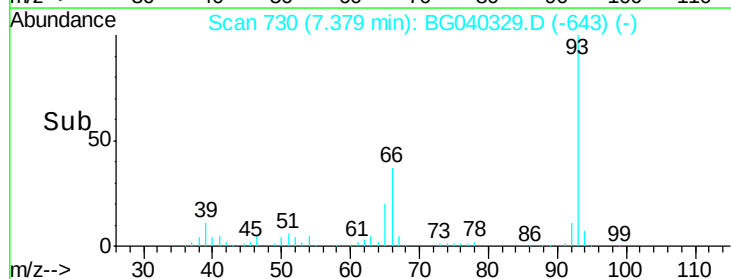
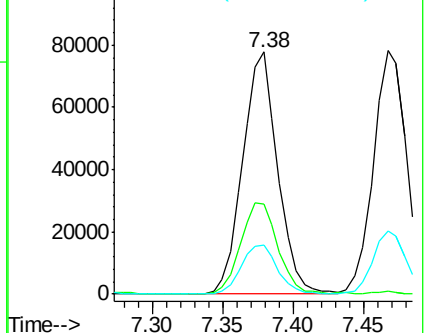
65 20.3 17.4 26.2

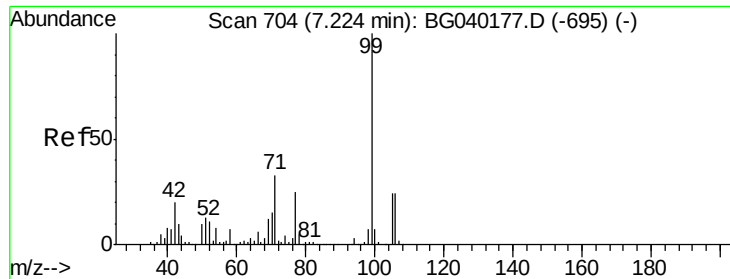


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.212 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Instrument :

BNA_G

ClientSampleId :

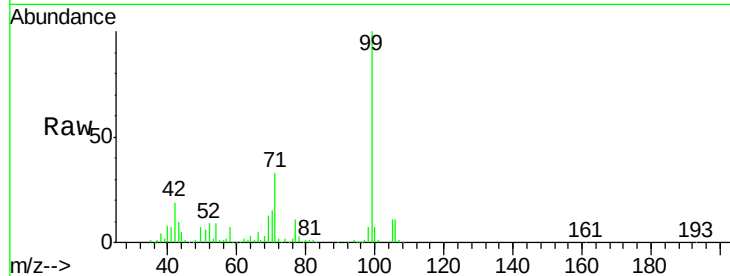
Tot Ion: 99 Resp: 501416

Ion Ratio Lower Upper

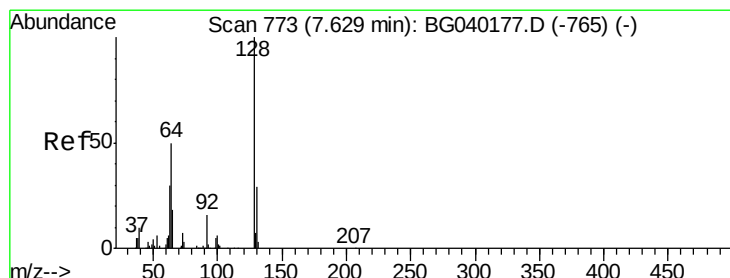
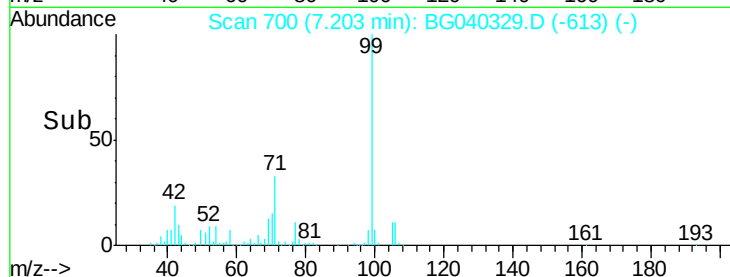
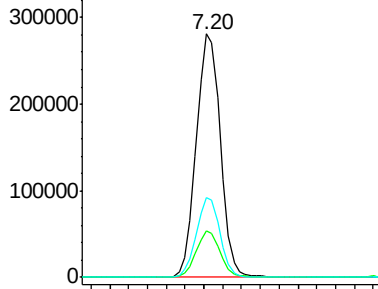
99 100

42 19.2 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: 37.767 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

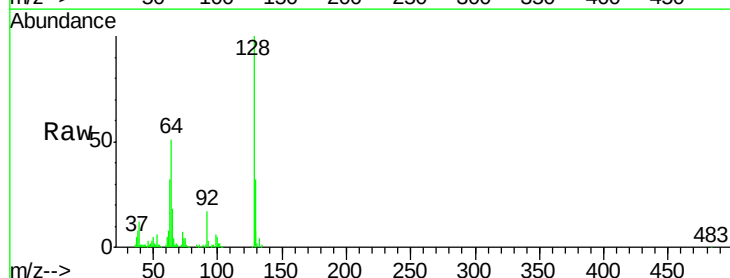
Tgt Ion: 128 Resp: 128101

Ion Ratio Lower Upper

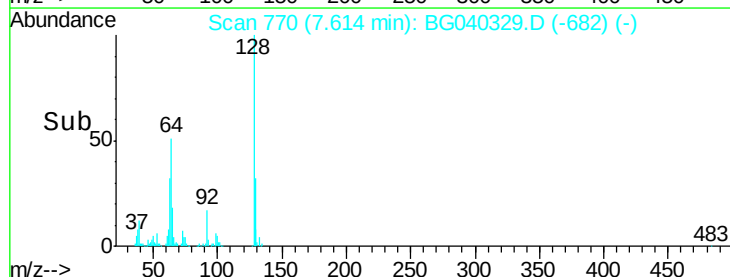
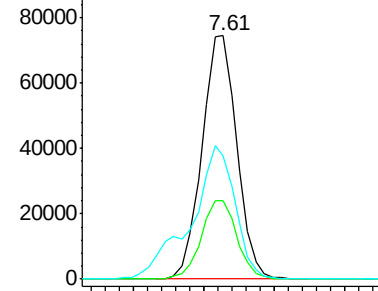
128 100

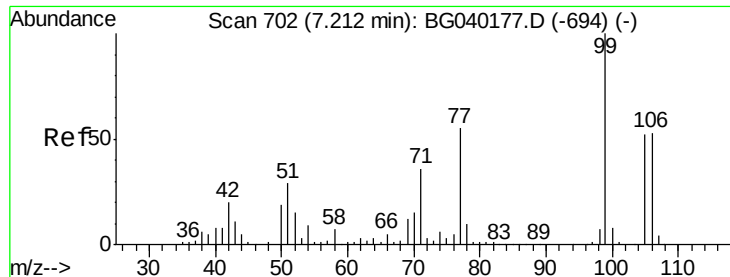
130 32.1 9.1 49.1

64 50.6 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

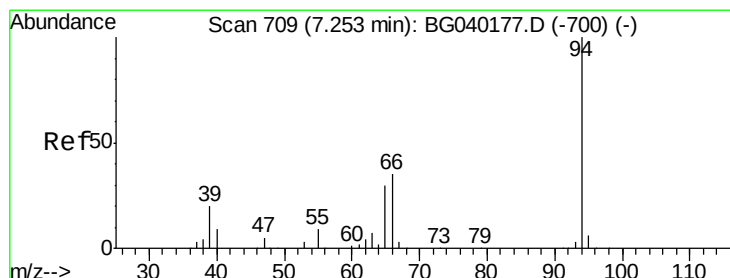
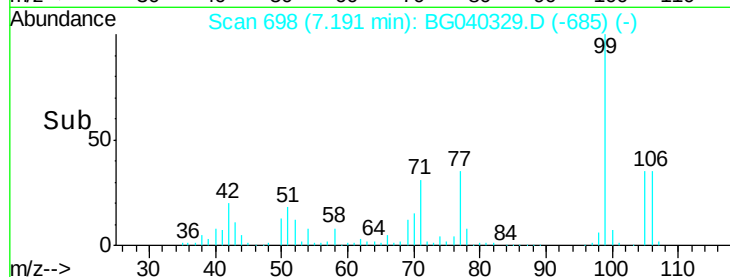
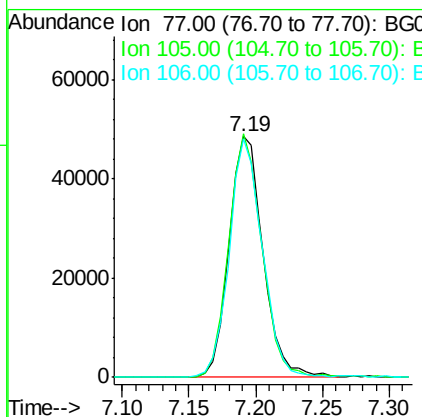
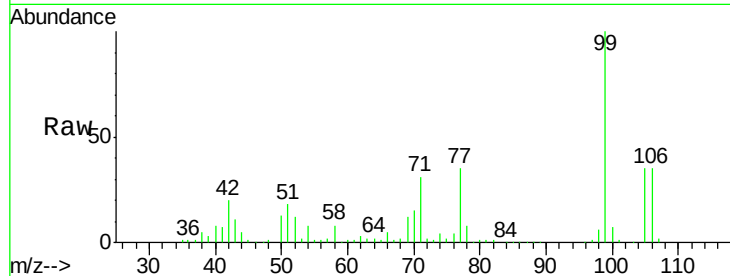




#9
Benzaldehyde
Concen: 31.384 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.02 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

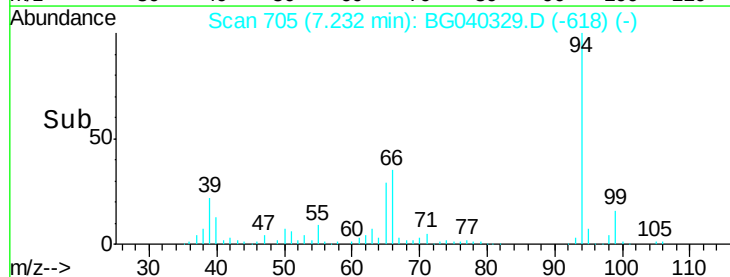
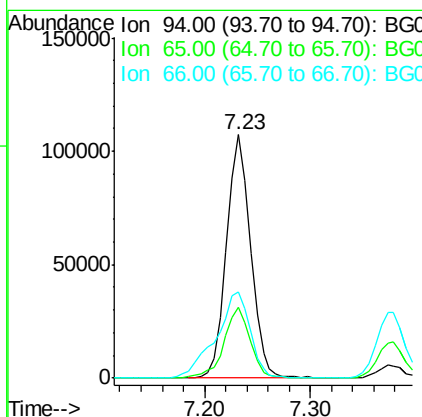
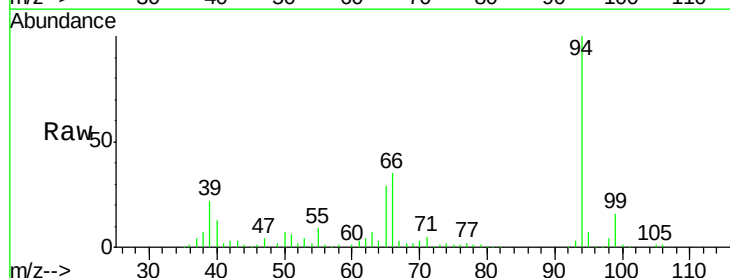
Instrument :
BNA_G
ClientSampleId :

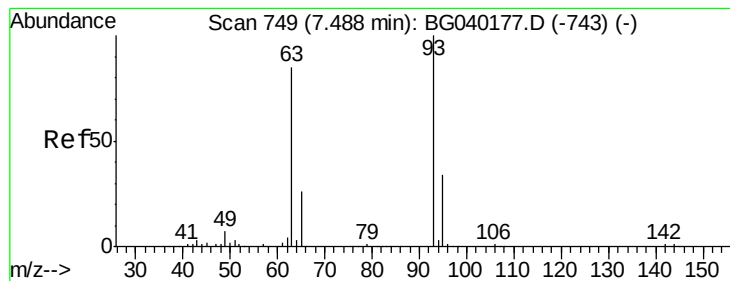
Tot Ion: 77 Resp: 86208
Ion Ratio Lower Upper
77 100
105 101.0 75.0 115.0
106 99.0 75.7 115.7



#10
Phenol
Concen: 39.014 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

Tgt Ion: 94 Resp: 169579
Ion Ratio Lower Upper
94 100
65 29.1 10.5 50.5
66 35.4 16.9 56.9

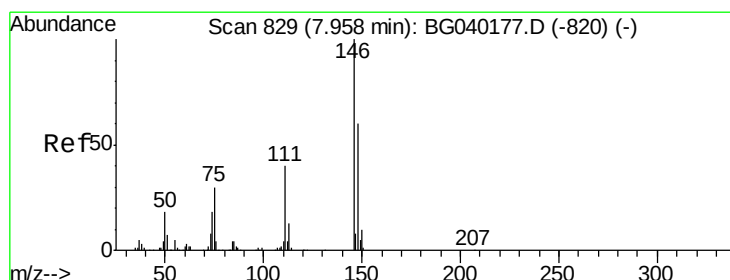
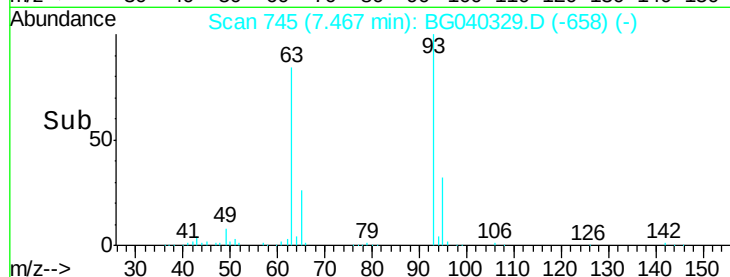
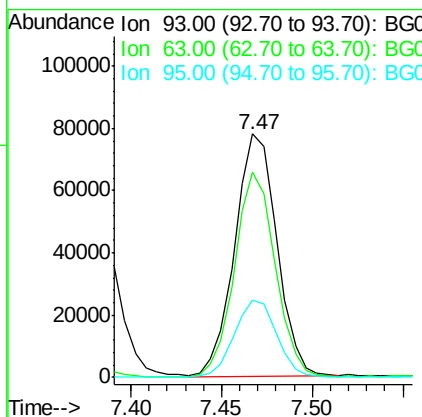
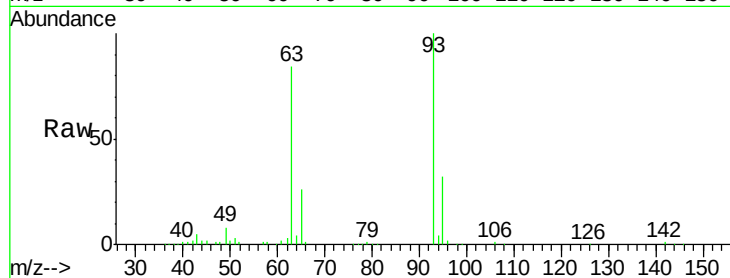




#11
 bis(2-Chloroethyl)ether
 Concen: 36.304 ng
 RT: 7.47 min Scan# 745
 Delta R.T. -0.02 min
 Lab File: BG040329.D
 Acq: 3 Apr 2019 17:04

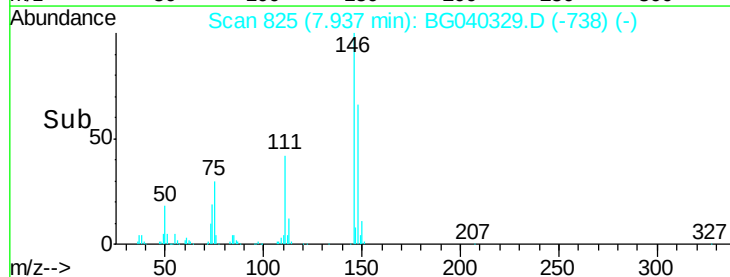
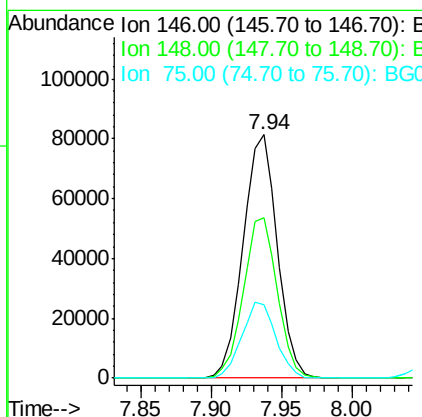
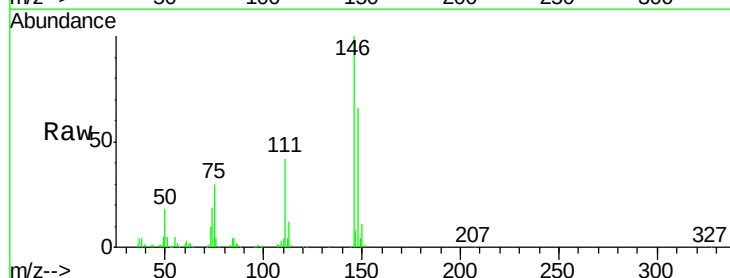
Instrument :
 BNA_G
 ClientSampleId :

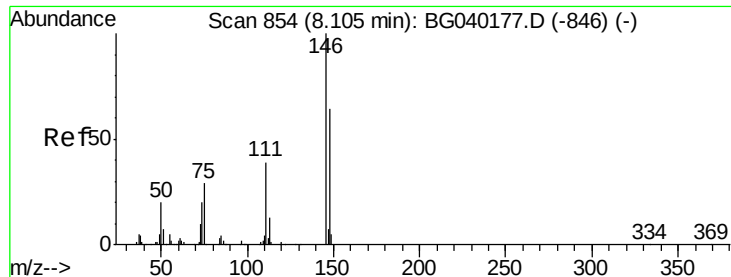
Tot Ion: 93 Resp: 126386
 Ion Ratio Lower Upper
 93 100
 63 84.2 64.2 104.2
 95 31.8 14.0 54.0



#12
 1,3-Dichlorobenzene
 Concen: 37.294 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BG040329.D
 Acq: 3 Apr 2019 17:04

Tgt Ion: 146 Resp: 137513
 Ion Ratio Lower Upper
 146 100
 148 65.9 48.2 72.2
 75 30.2 24.1 36.1

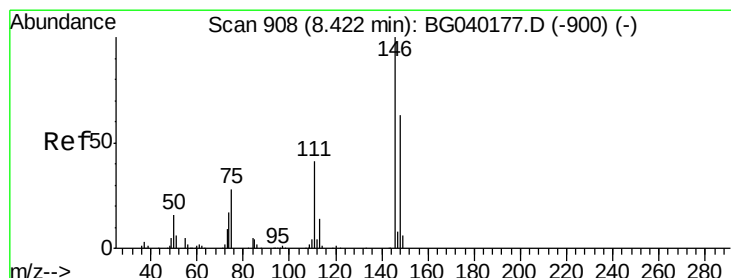
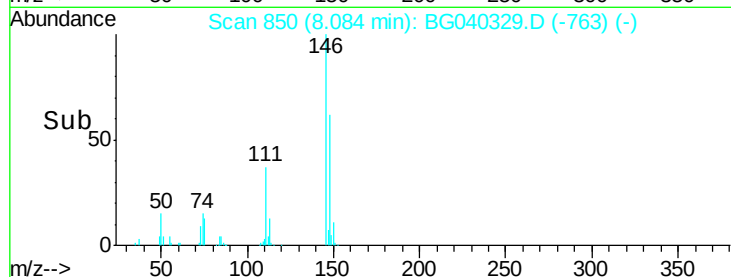
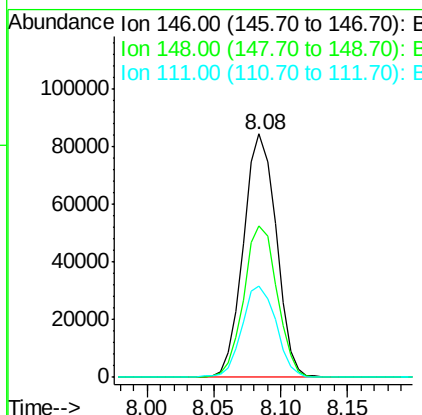
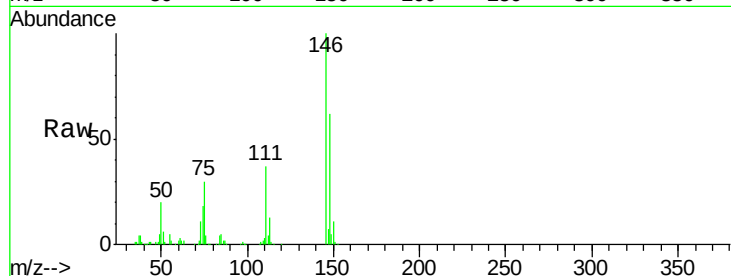




#13
 1,4-Dichlorobenzene
 Concen: 38.950 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BG040329.D
 Acq: 3 Apr 2019 17:04

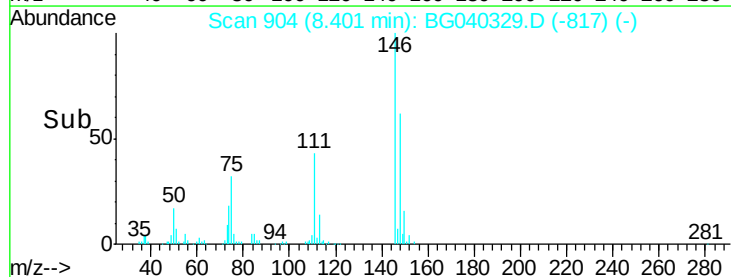
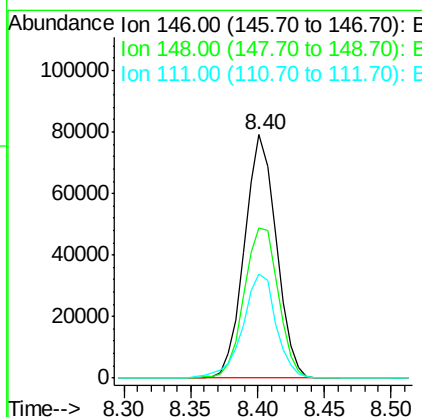
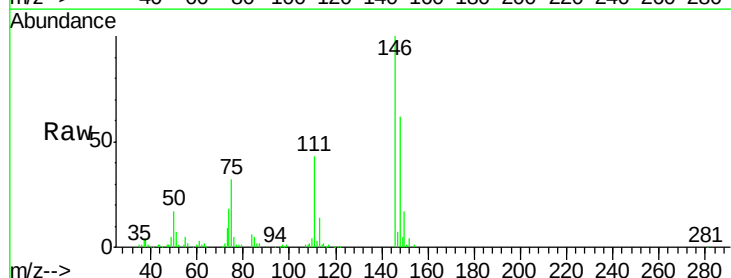
Instrument :
 BNA_G
 ClientSampleId :

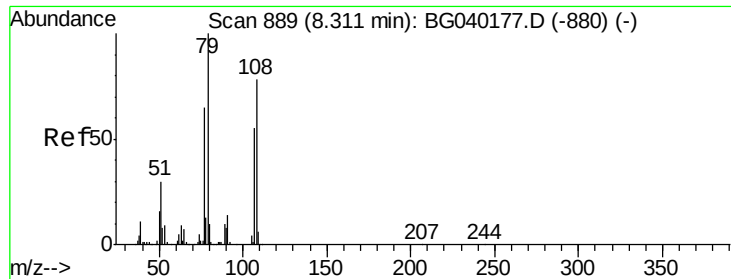
Tot Ion:146 Resp: 143042
 Ion Ratio Lower Upper
 146 100
 148 62.0 51.0 76.4
 111 37.4 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 37.035 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040329.D
 Acq: 3 Apr 2019 17:04

Tgt Ion:146 Resp: 130063
 Ion Ratio Lower Upper
 146 100
 148 61.7 50.8 76.2
 111 42.5 33.4 50.0





#15

Benzyl Alcohol

Concen: 35.158 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Instrument :

BNA_G

ClientSampled :

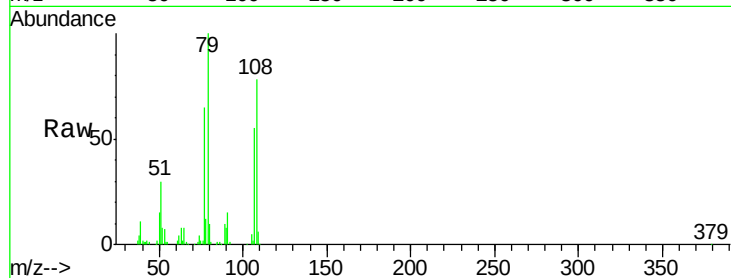
Tot Ion: 79 Resp: 113384

Ion Ratio Lower Upper

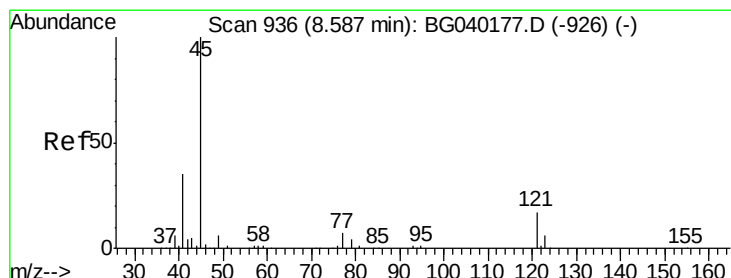
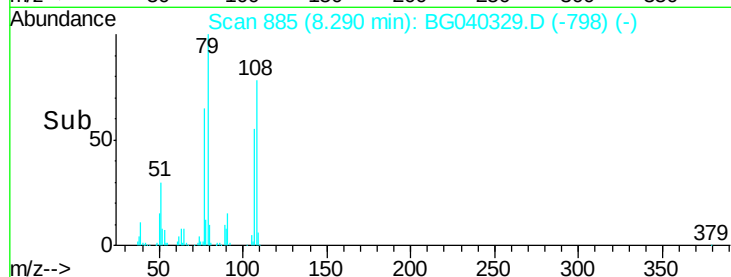
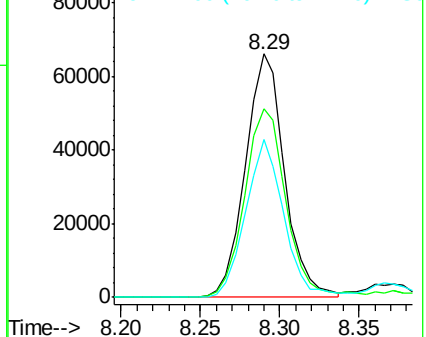
79 100

108 77.6 62.1 93.1

77 64.6 51.9 77.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.823 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.03 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

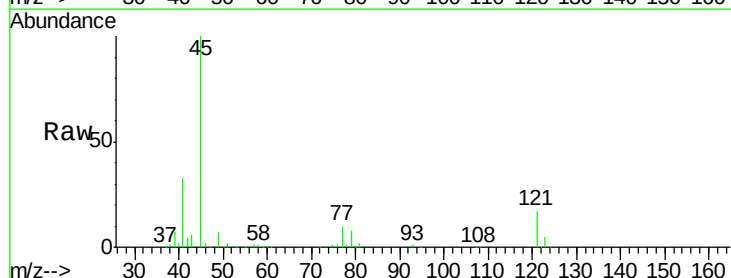
Tgt Ion: 45 Resp: 232666

Ion Ratio Lower Upper

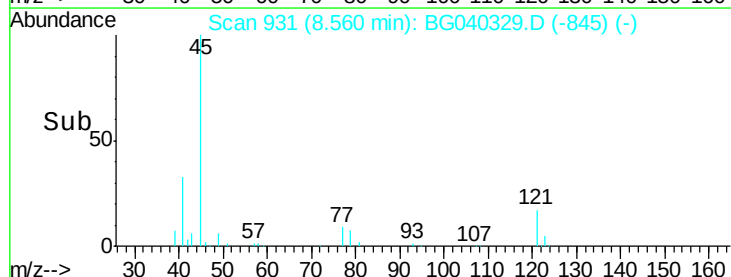
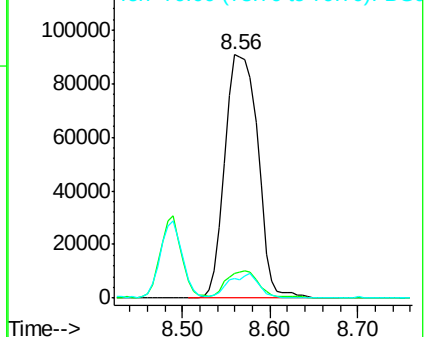
45 100

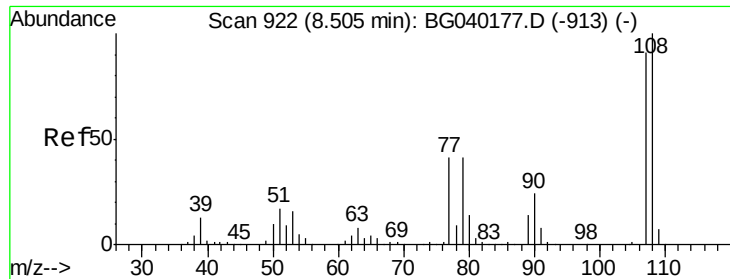
77 9.9 0.0 31.4

79 8.2 0.0 28.3



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

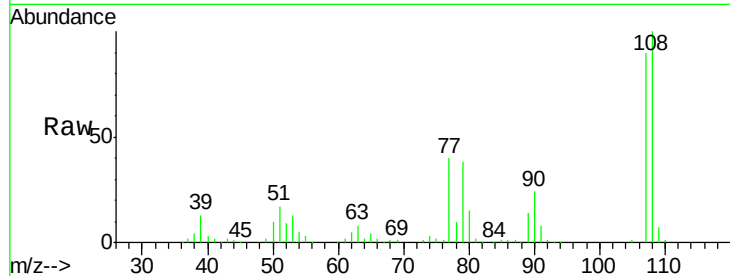




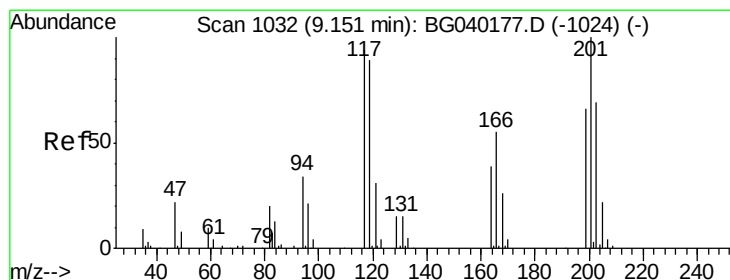
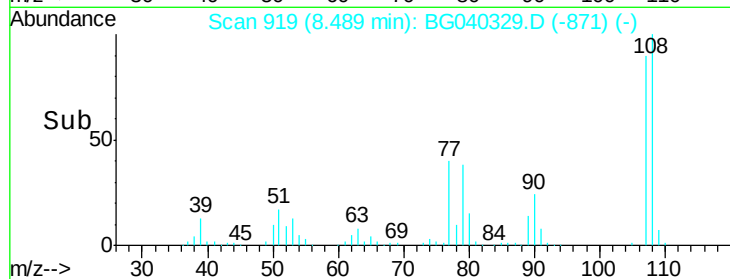
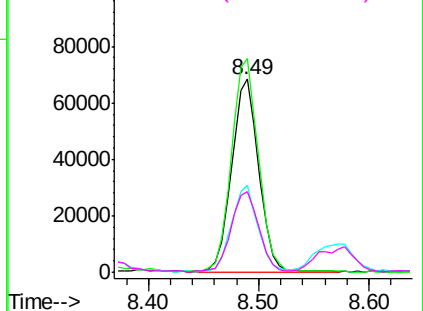
#17
2-Methylphenol
Concen: 38.966 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 117200
Ion Ratio Lower Upper
107 100
108 110.7 88.2 132.4
77 44.8 36.6 55.0
79 42.0 36.5 54.7

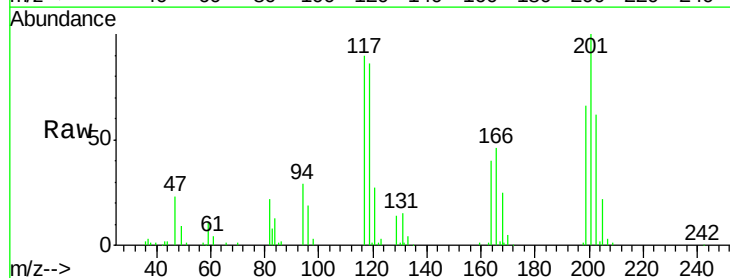


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

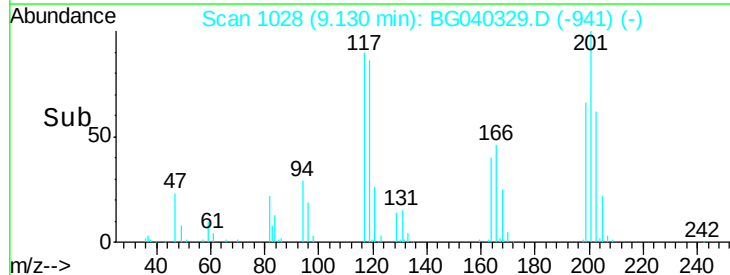
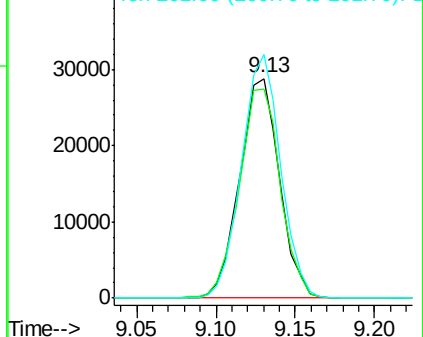


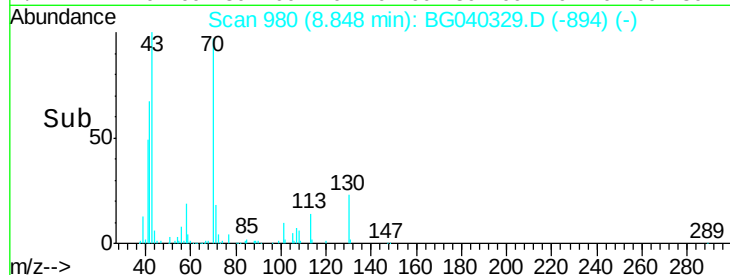
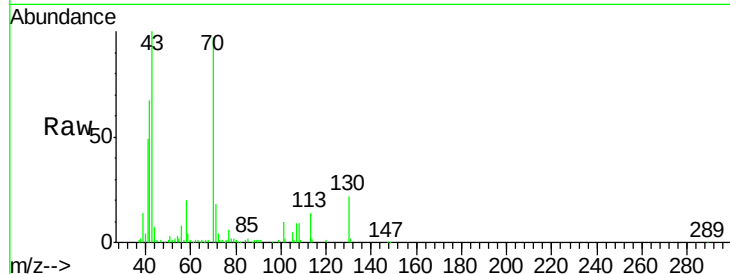
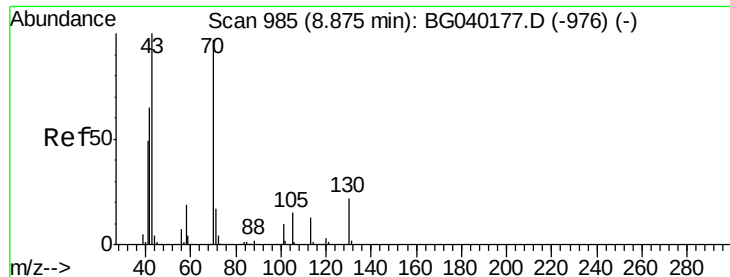
#18
Hexachloroethane
Concen: 35.970 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

Tgt Ion:117 Resp: 50247
Ion Ratio Lower Upper
117 100
119 96.1 76.6 115.0
201 110.8 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

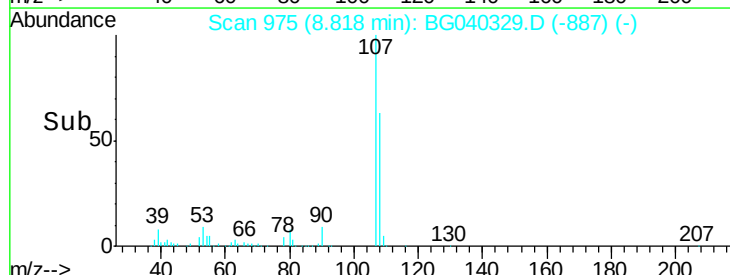
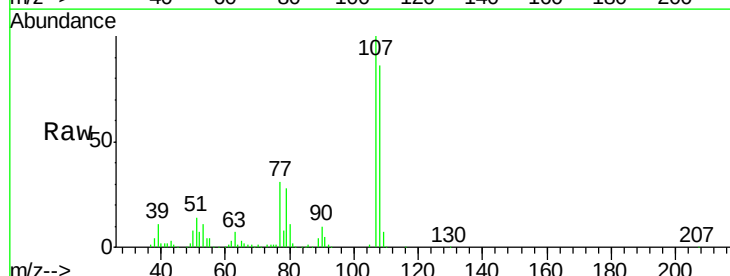
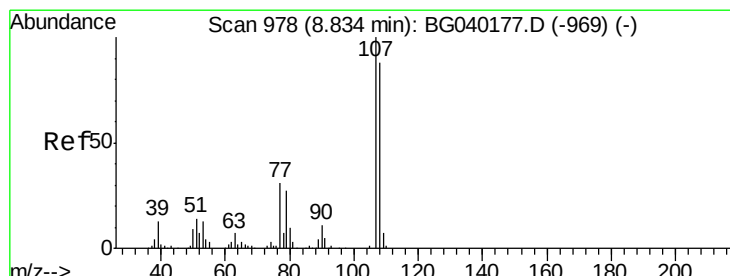
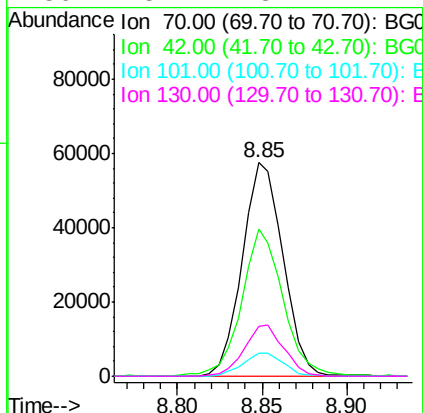




#19
n-Nitroso-di-n-propylamine
Concen: 33.668 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

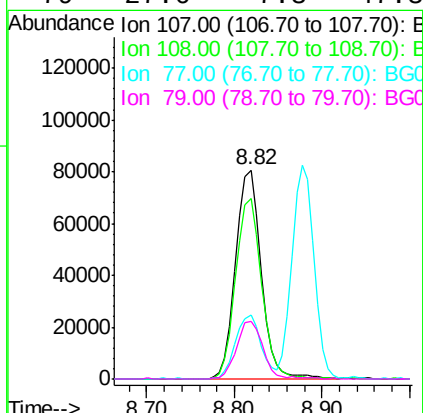
Instrument :
BNA_G
ClientSampleId :

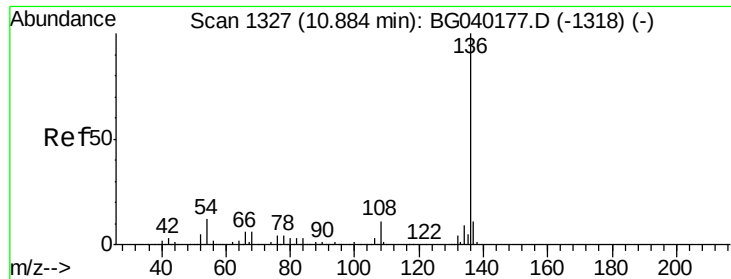
Tot Ion:	70	Resp:	96666
Ion	Ratio	Lower	Upper
70	100		
42	69.0	54.0	81.0
101	10.7	8.6	13.0
130	23.2	18.2	27.2



#20
3+4-Methylphenols
Concen: 39.039 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

Tgt Ion:	107	Resp:	159069
Ion	Ratio	Lower	Upper
107	100		
108	86.2	68.3	108.3
77	30.8	11.3	51.3
79	27.6	7.3	47.3

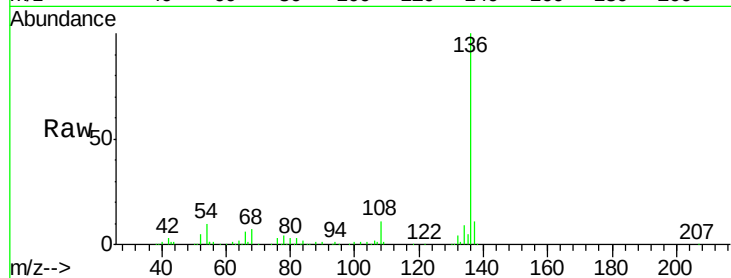




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	184047
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.9	13.3
54 10.5	9.6	14.4
68 6.8	5.1	7.7



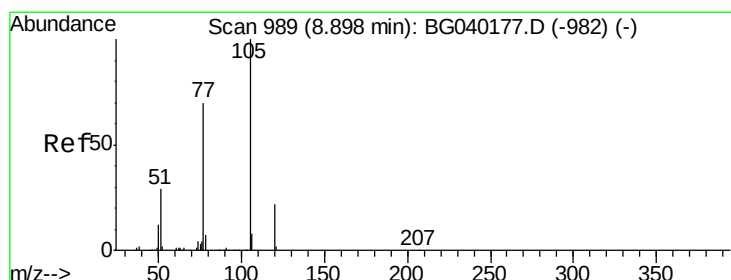
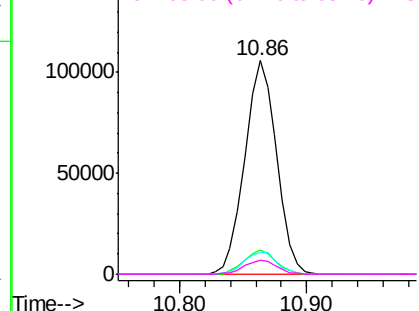
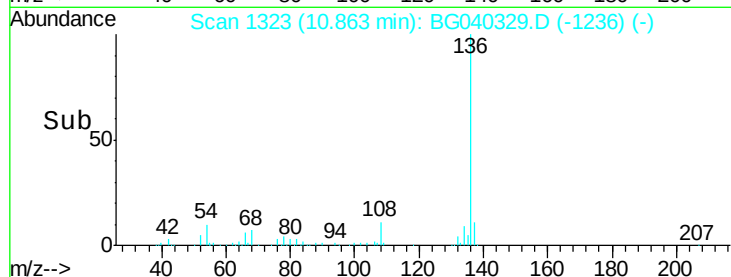
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

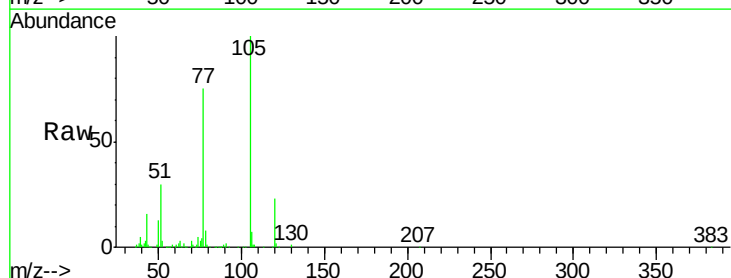
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.936 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

Tgt	Ion:105	Resp:	192530
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.6	1.0#
51	29.9	25.1	37.7
120	22.7	17.6	26.4



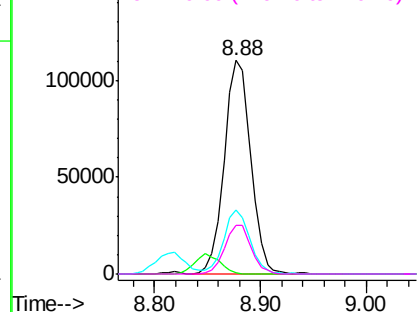
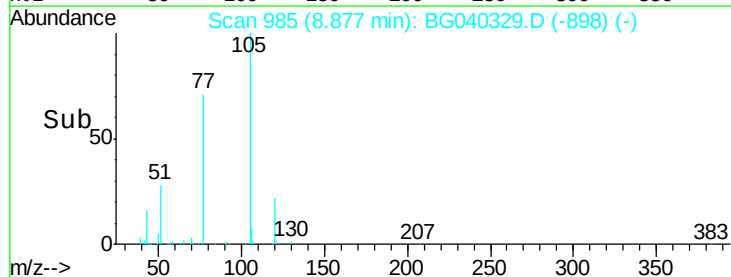
Abundance

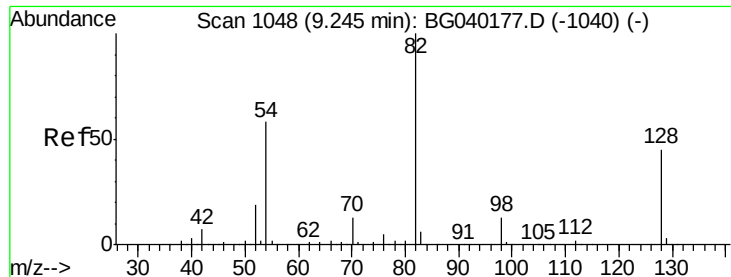
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

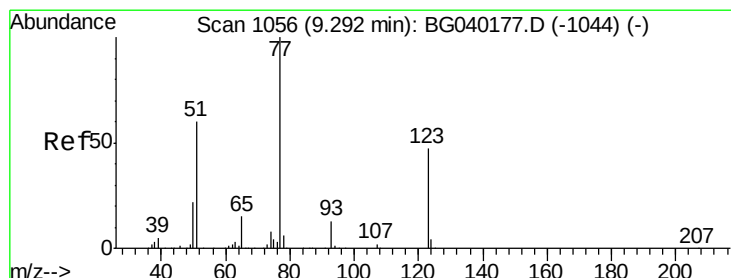
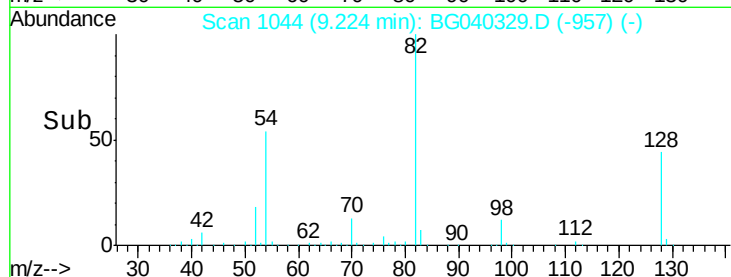
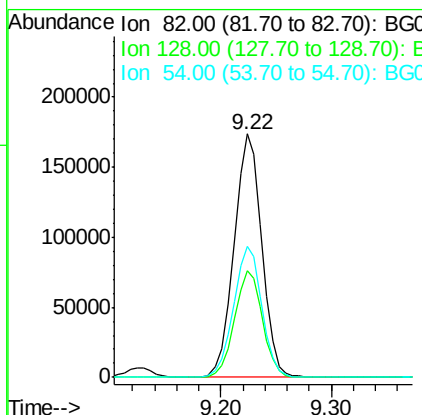
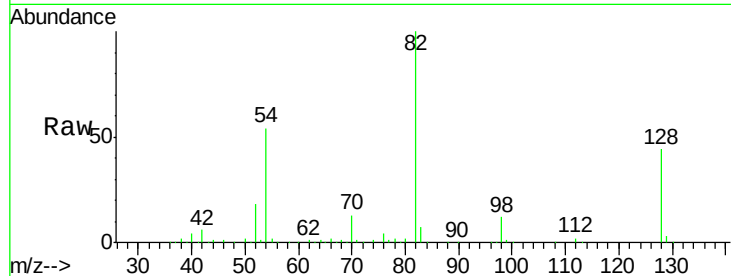




#23
 Nitrobenzene-d5
 Concen: 88.294 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040329.D
 Acq: 3 Apr 2019 17:04

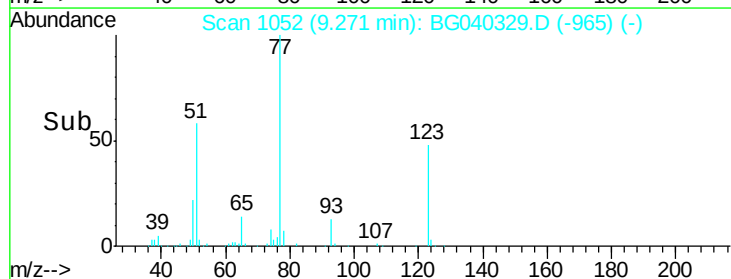
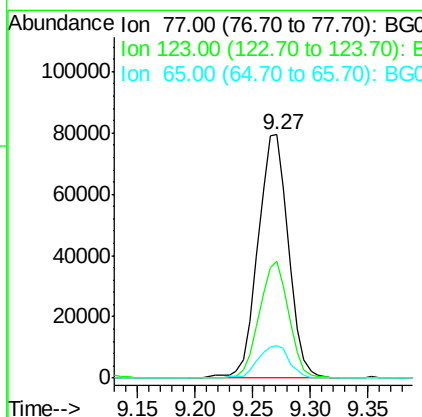
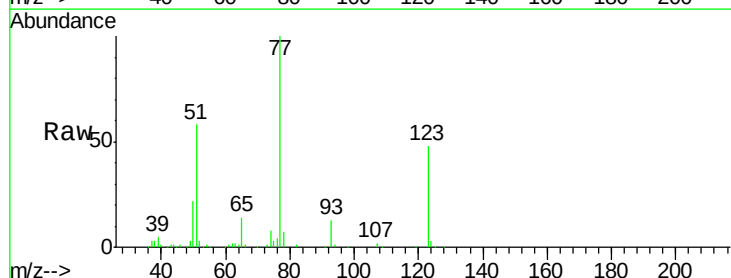
Instrument :
 BNA_G
 ClientSampled :

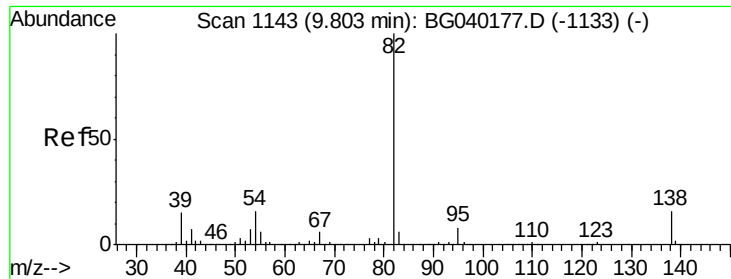
Tot Ion: 82 Resp: 305724
 Ion Ratio Lower Upper
 82 100
 128 43.7 35.8 53.8
 54 53.6 46.2 69.2



#24
 Nitrobenzene
 Concen: 40.832 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: BG040329.D
 Acq: 3 Apr 2019 17:04

Tgt Ion: 77 Resp: 146406
 Ion Ratio Lower Upper
 77 100
 123 47.9 37.8 56.6
 65 13.5 12.0 18.0





#25

Isophorone

Concen: 39.949 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Instrument :

BNA_G

ClientSampleId :

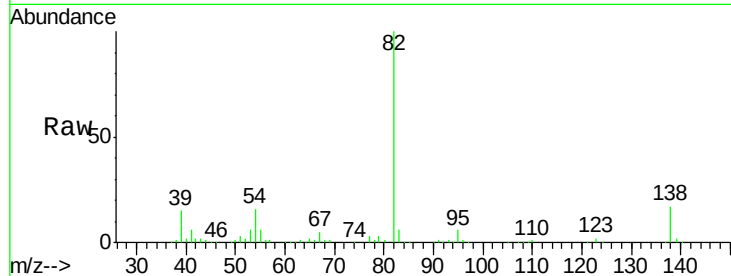
Tot Ion: 82 Resp: 284617

Ion Ratio Lower Upper

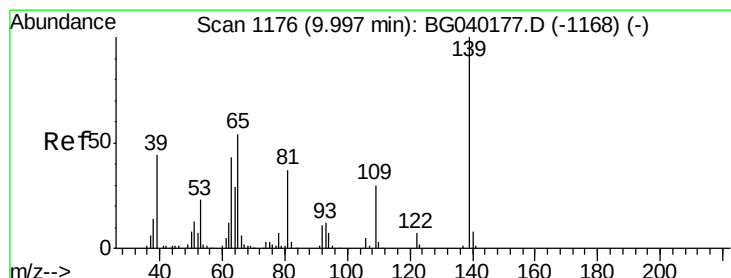
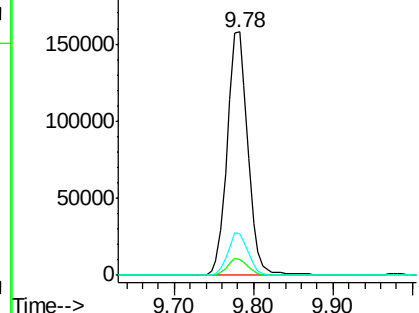
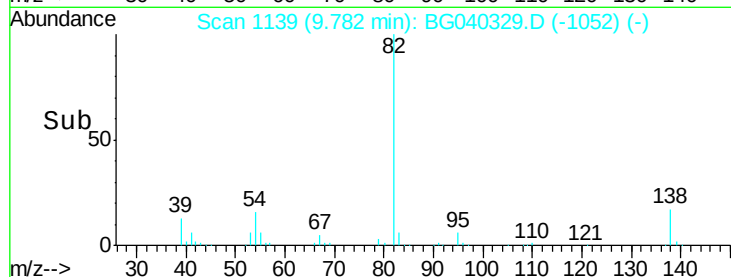
82 100

95 6.3 6.1 9.1

138 17.0 13.2 19.8



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



#26

2-Nitrophenol

Concen: 42.565 ng

RT: 9.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

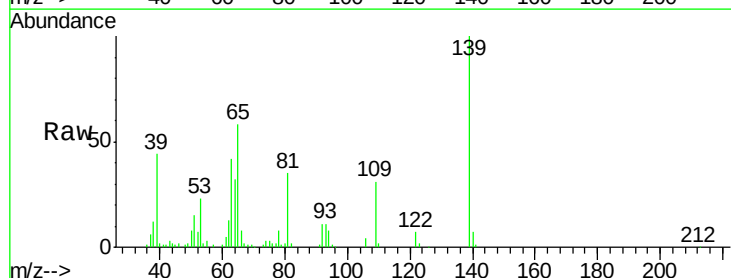
Tgt Ion: 139 Resp: 72318

Ion Ratio Lower Upper

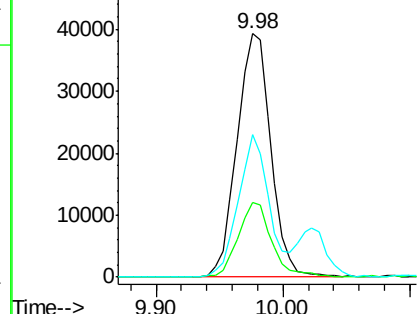
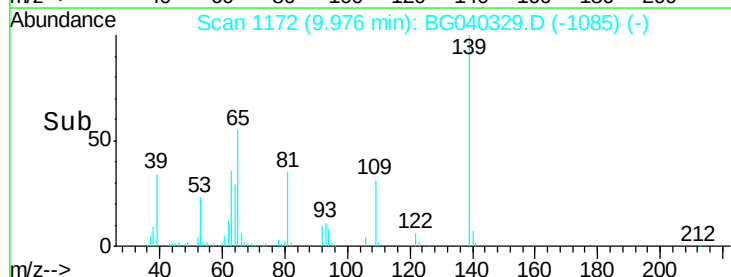
139 100

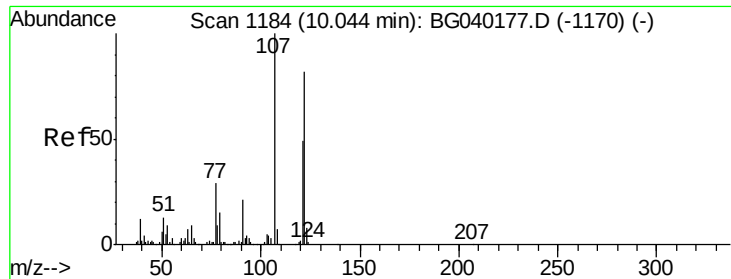
109 30.9 24.1 36.1

65 58.3 43.0 64.6



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

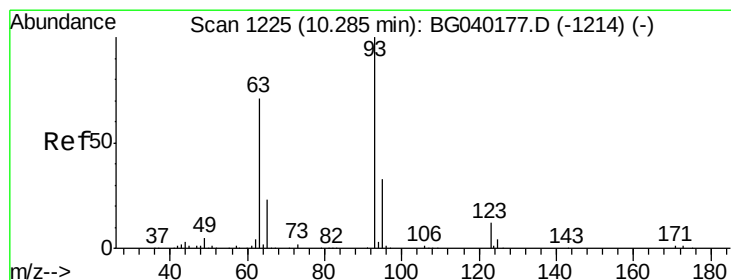
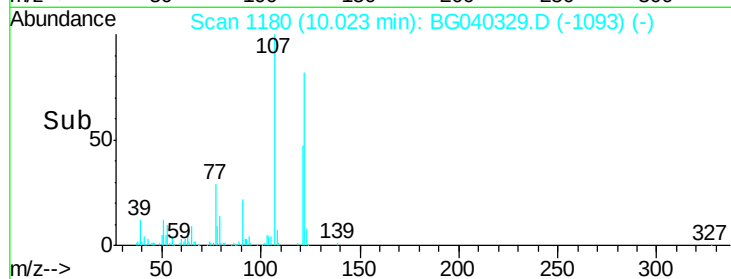
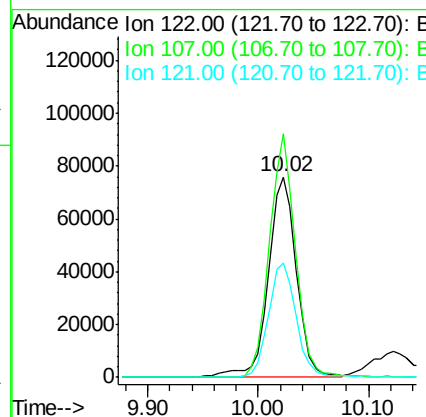
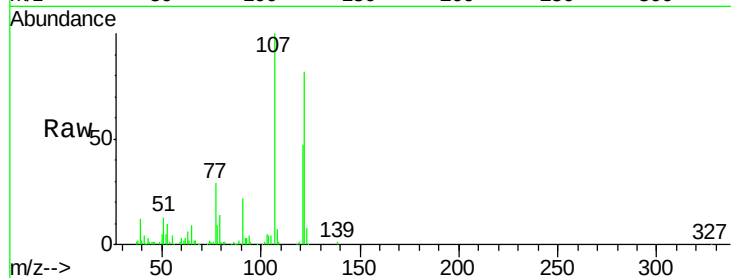




#27
2,4-Dimethylphenol
Concen: 50.276 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

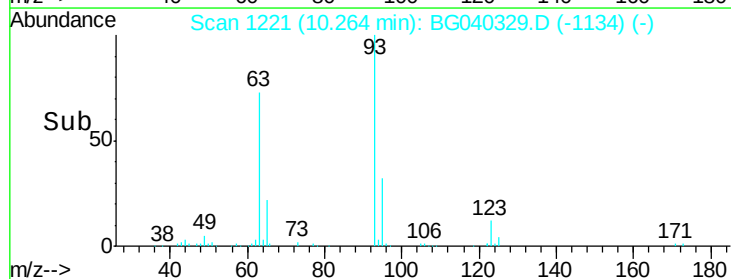
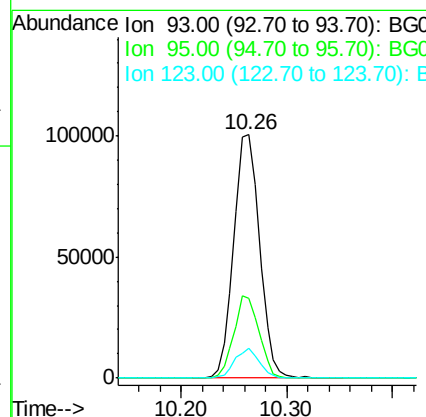
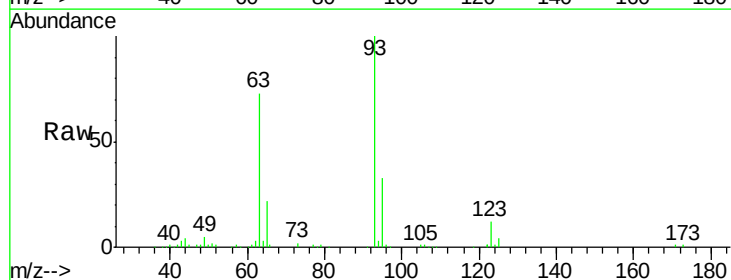
Instrument :
BNA_G
ClientSampleId :

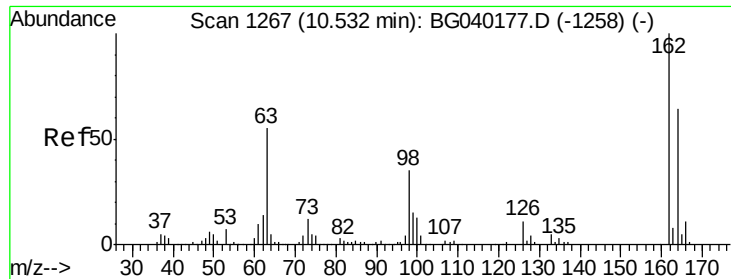
Tot Ion	Ratio	Lower	Upper
122	100		
107	121.6	97.4	146.2
121	56.8	47.7	71.5



#28
bis(2-Chloroethoxy)methane
Concen: 40.426 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	12.2	9.4	14.0

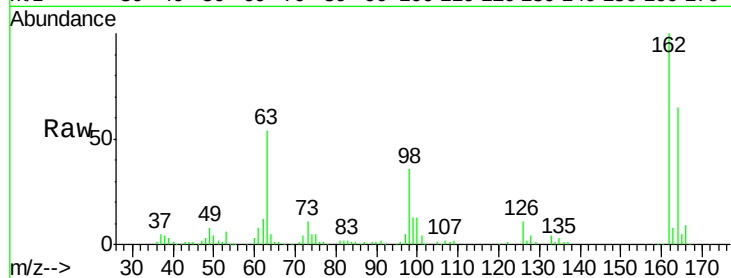




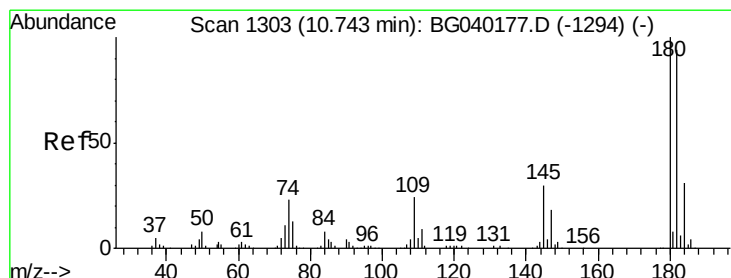
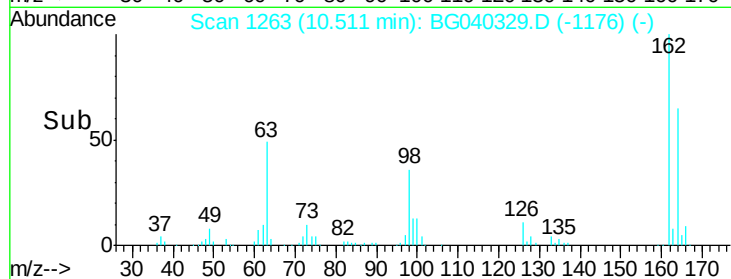
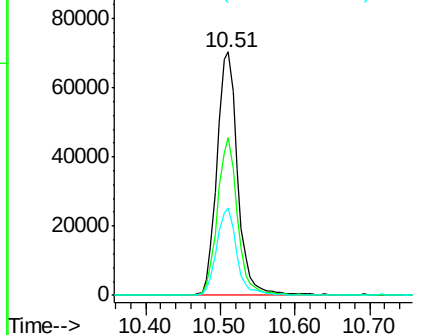
#29
 2,4-Dichlorophenol
 Concen: 46.179 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.02 min
 Lab File: BG040329.D
 Acq: 3 Apr 2019 17:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 135273
 Ion Ratio Lower Upper
 162 100
 164 65.0 43.9 83.9
 98 36.1 15.6 55.6

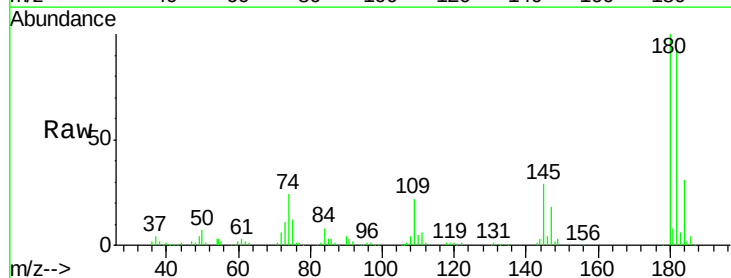


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

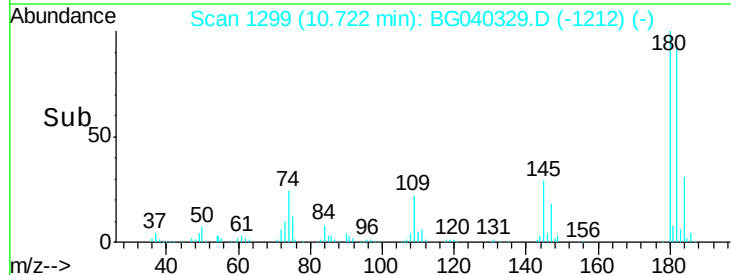
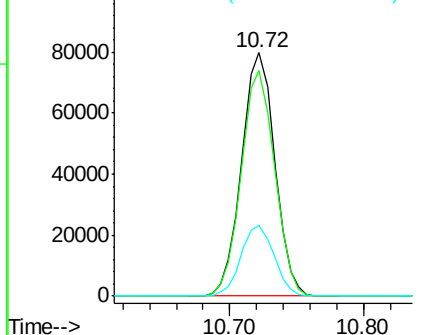


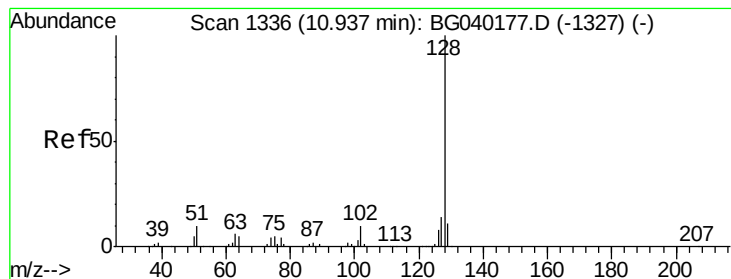
#30
 1,2,4-Trichlorobenzene
 Concen: 42.760 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG040329.D
 Acq: 3 Apr 2019 17:04

Tgt Ion:180 Resp: 137537
 Ion Ratio Lower Upper
 180 100
 182 92.5 75.1 112.7
 145 29.2 24.1 36.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

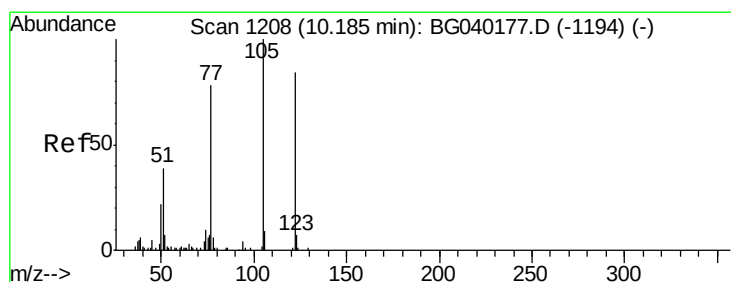
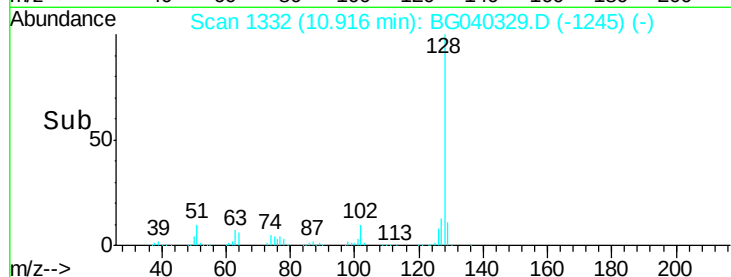
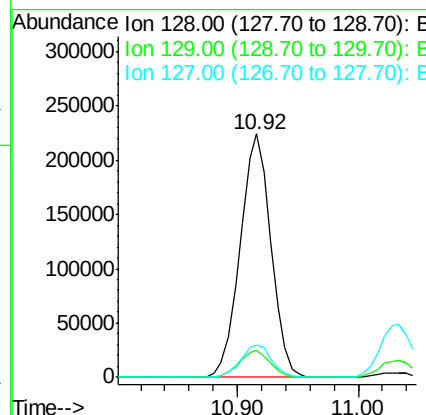
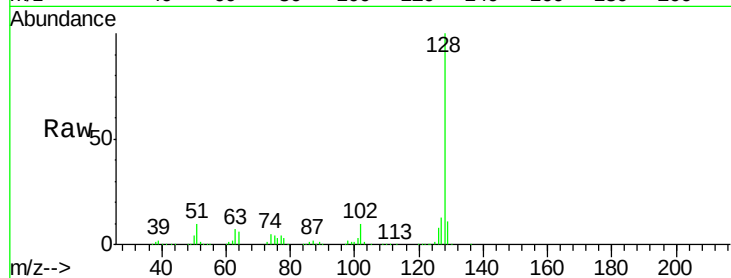




#31
Naphthalene
Concen: 42.106 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

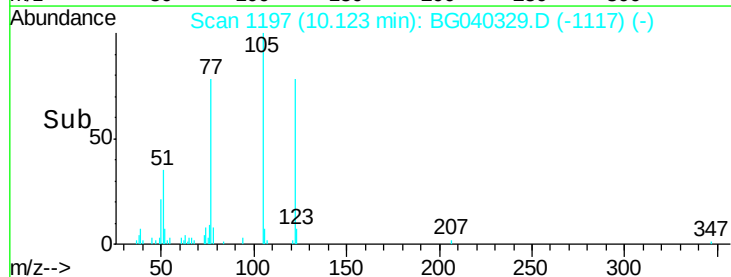
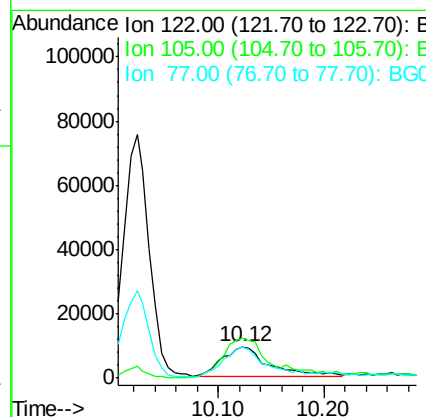
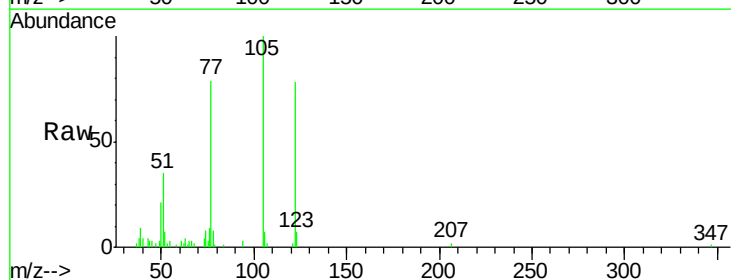
Instrument :
BNA_G
ClientSampleId :

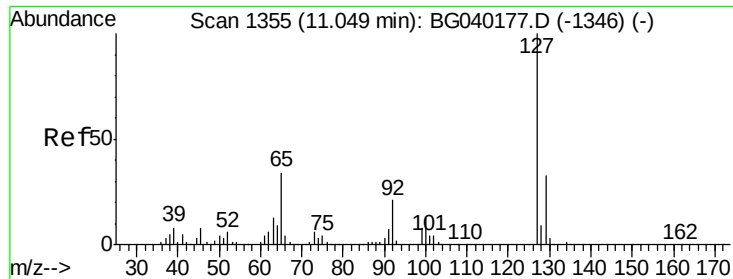
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.3	11.4	17.0



#32
Benzoic acid
Concen: 17.488 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.06 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.6	98.2	138.2
77	101.4	73.6	113.6

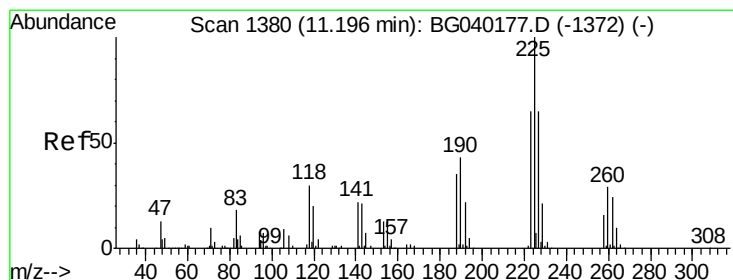
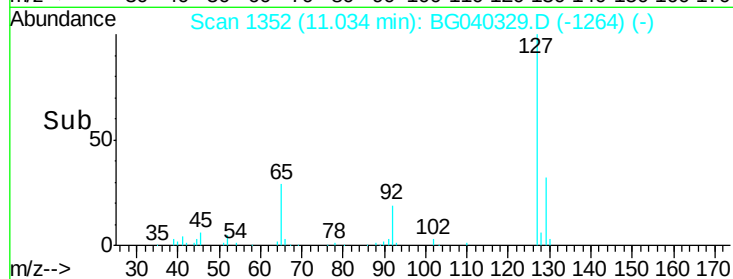
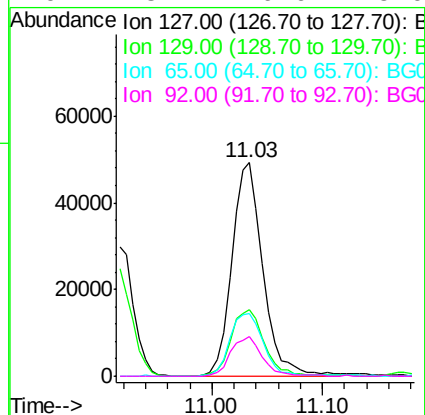
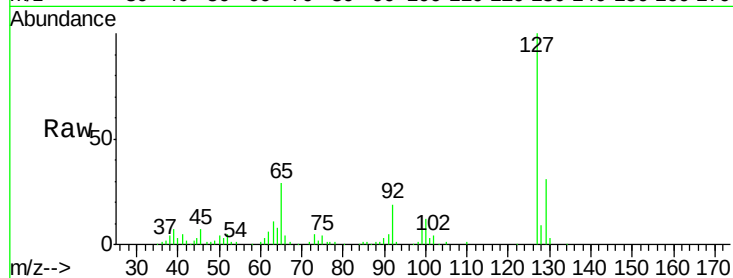




#33
4-Chloroaniline
Concen: 24.079 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

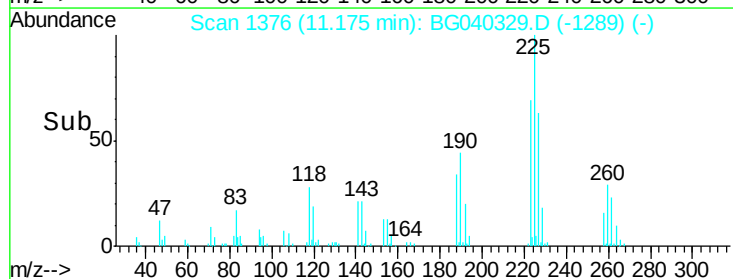
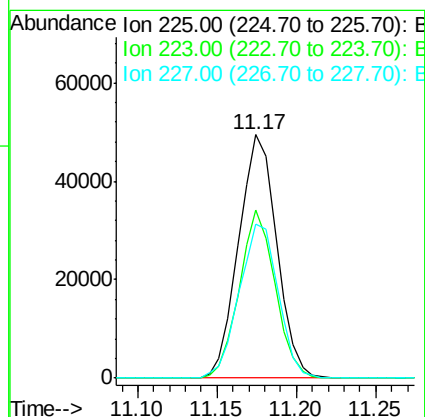
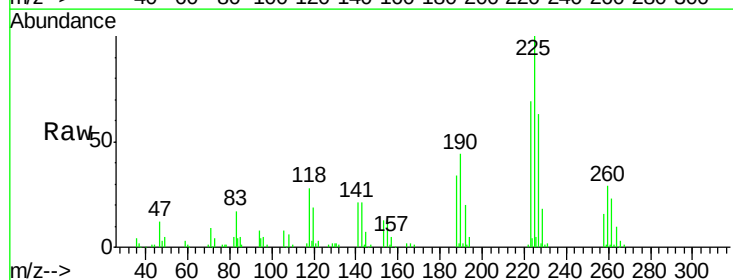
Instrument :
BNA_G
ClientSampleId :

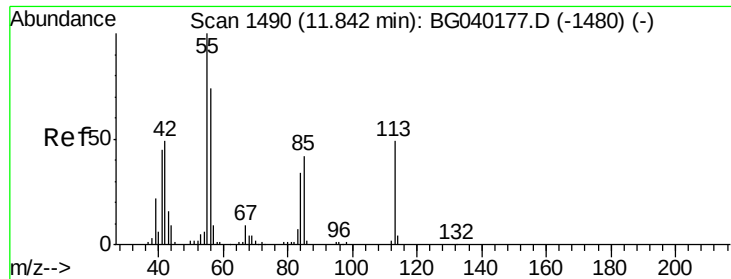
Tot Ion:	127	Resp:	96892
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.6	40.0
65	29.4	27.0	40.4
92	18.7	16.6	25.0



#34
Hexachlorobutadiene
Concen: 40.149 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

Tgt Ion:	225	Resp:	82591
Ion	Ratio	Lower	Upper
225	100		
223	69.2	51.8	77.8
227	65.5	54.9	82.3





#35

Caprolactam

Concen: 20.253 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.03 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Instrument :

BNA_G

ClientSampleId :

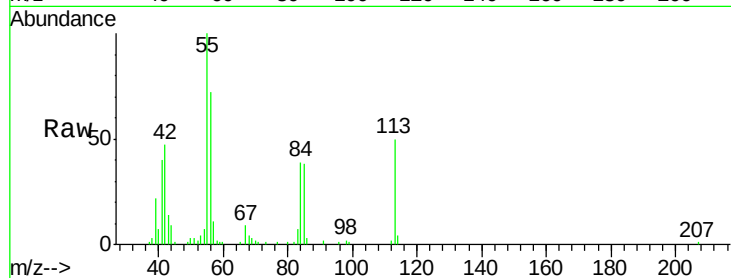
Tot Ion:113 Resp: 23543

Ion Ratio Lower Upper

113 100

55 201.4 184.2 224.2

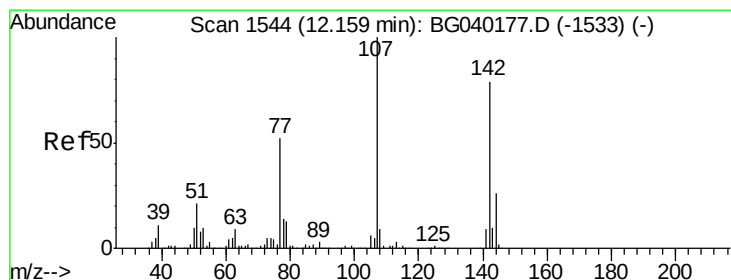
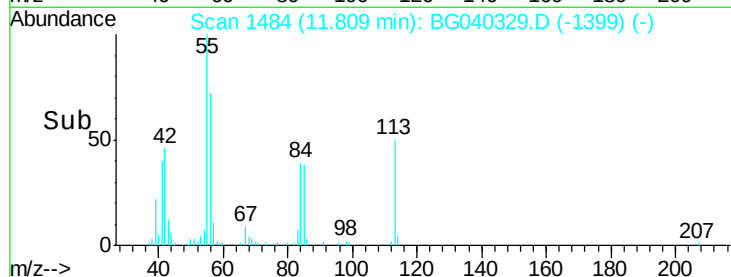
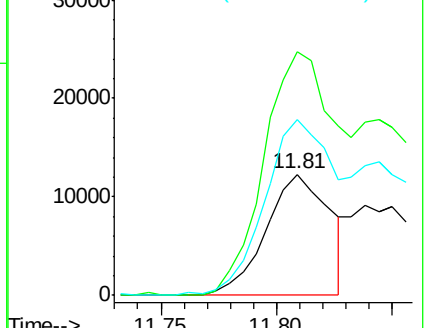
56 145.4 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.958 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

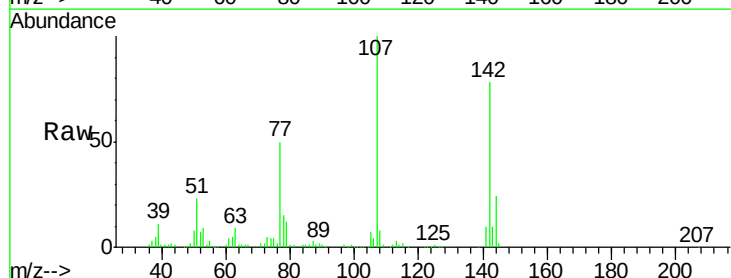
Tgt Ion:107 Resp: 151401

Ion Ratio Lower Upper

107 100

144 24.2 20.5 30.7

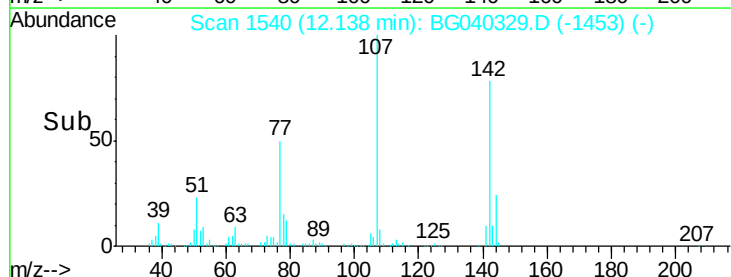
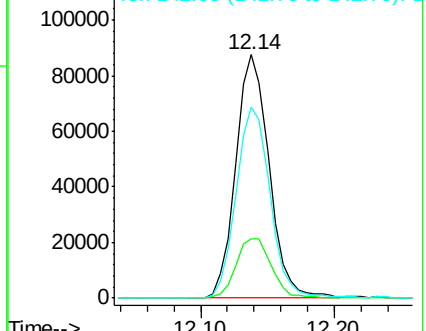
142 78.4 63.1 94.7

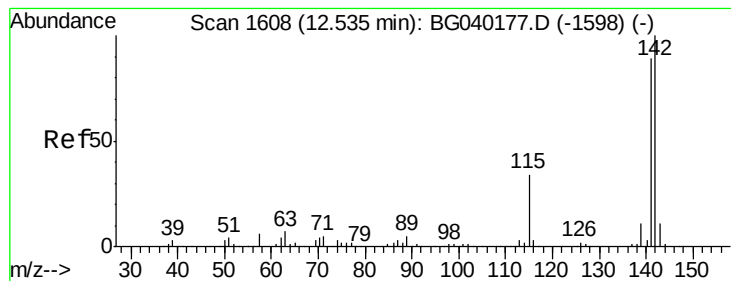


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.586 ng

RT: 12.51 min Scan# 1604

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Instrument :

BNA_G

ClientSampled :

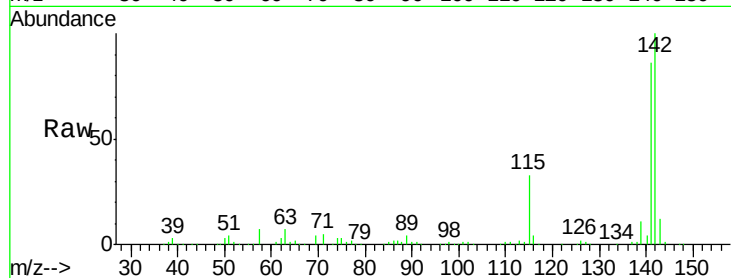
Tot Ion:142 Resp: 297128

Ion Ratio Lower Upper

142 100

141 86.4 71.0 106.6

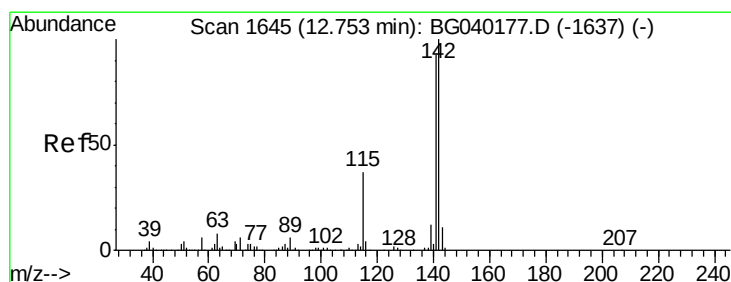
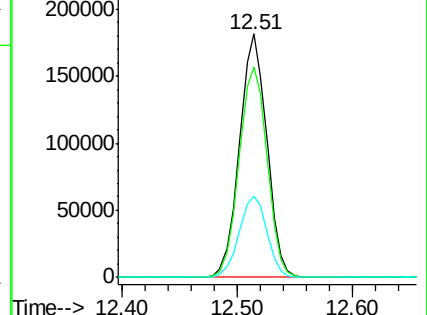
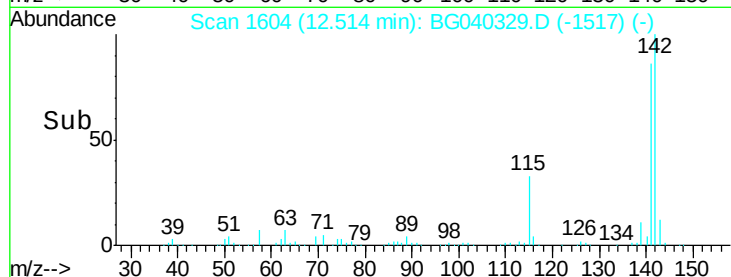
115 33.2 27.3 40.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.939 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

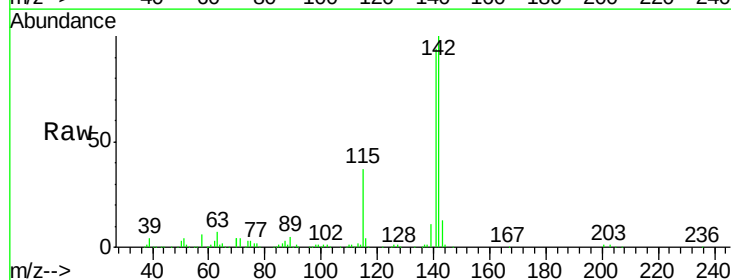
Tgt Ion:142 Resp: 283741

Ion Ratio Lower Upper

142 100

141 94.0 74.2 111.4

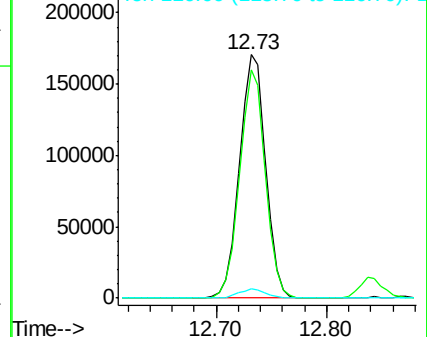
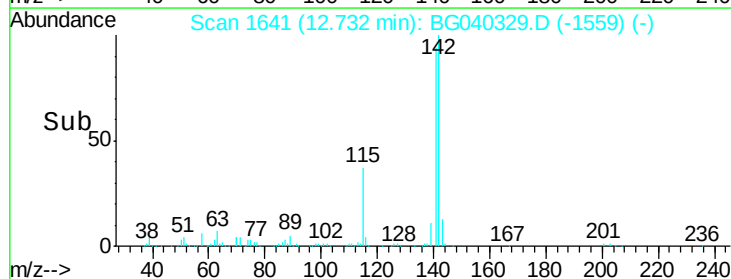
116 4.1 3.0 4.4

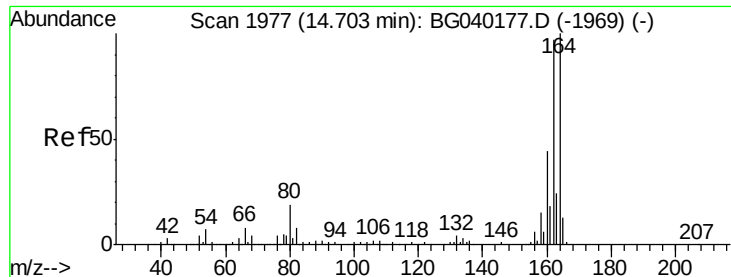


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Instrument :

BNA_G

ClientSampleId :

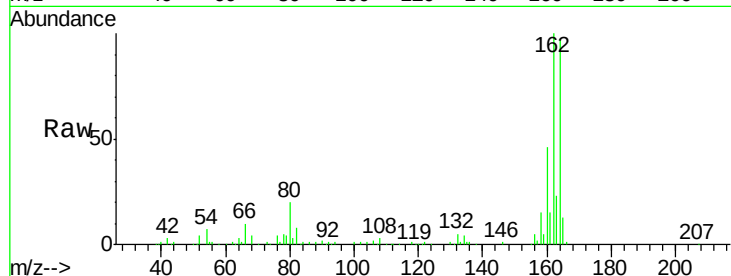
Tot Ion:164 Resp: 120347

Ion Ratio Lower Upper

164 100

162 102.9 77.4 116.2

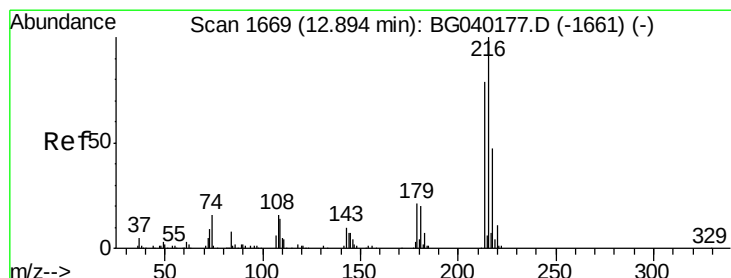
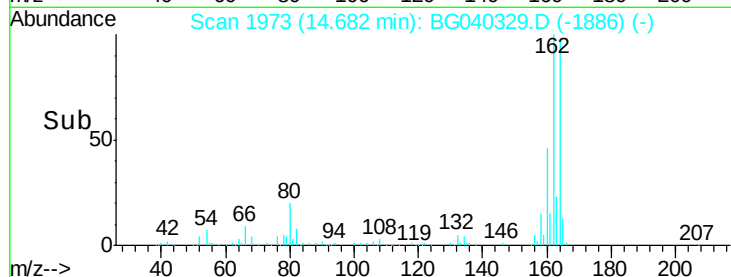
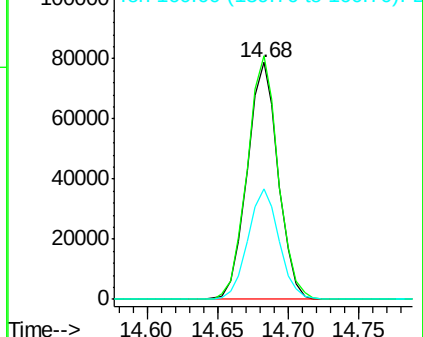
160 46.9 35.3 52.9



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: 39.534 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Tgt Ion:216 Resp: 151220

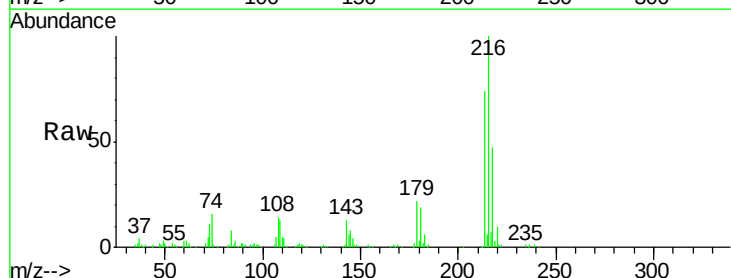
Ion Ratio Lower Upper

216 100

214 78.0 63.5 95.3

179 21.0 16.6 25.0

108 19.5 13.8 20.8

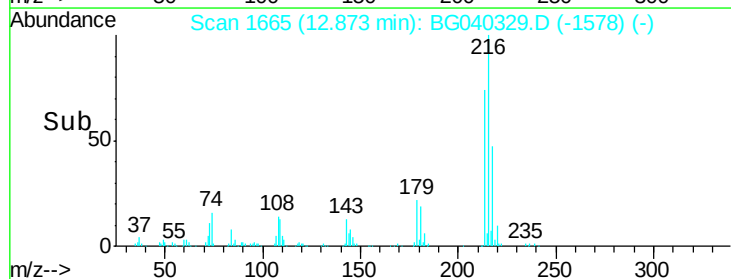
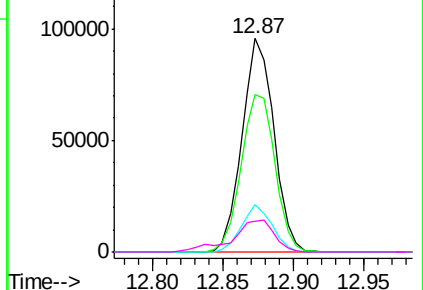


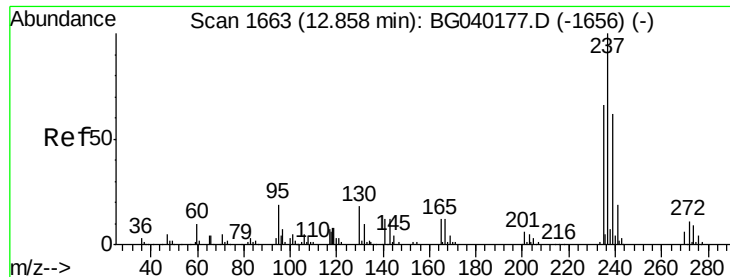
Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.653 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Instrument :

BNA_G

ClientSampled :

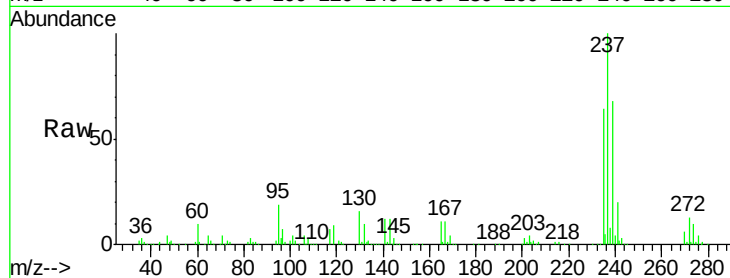
Tot Ion:237 Resp: 181991

Ion Ratio Lower Upper

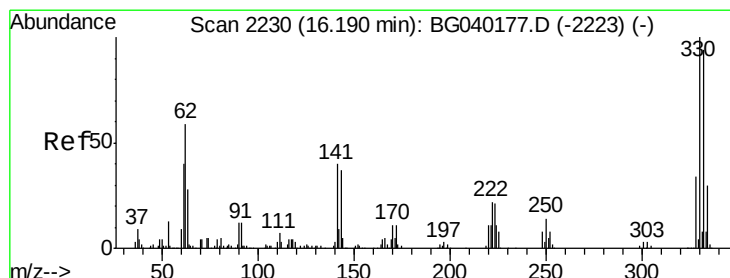
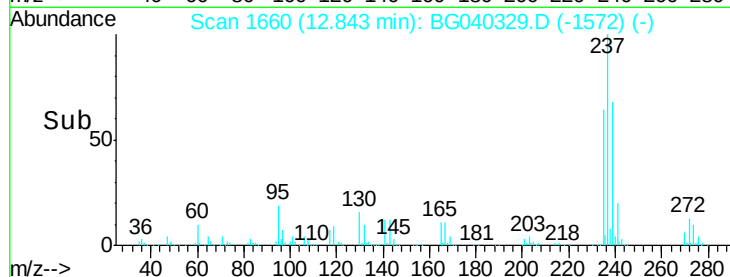
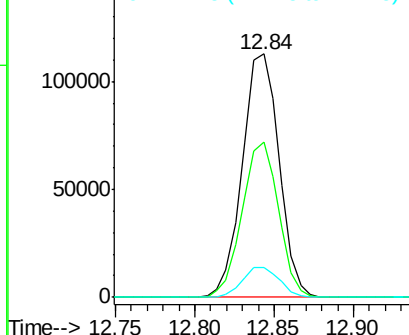
237 100

235 64.0 46.2 86.2

272 12.5 0.0 30.5



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



#42

2,4,6-Tribromophenol

Concen: 160.505 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

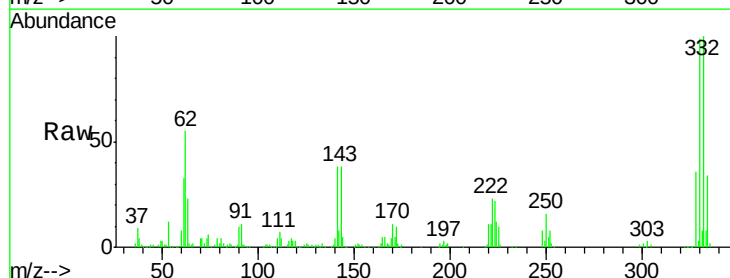
Tgt Ion:330 Resp: 208759

Ion Ratio Lower Upper

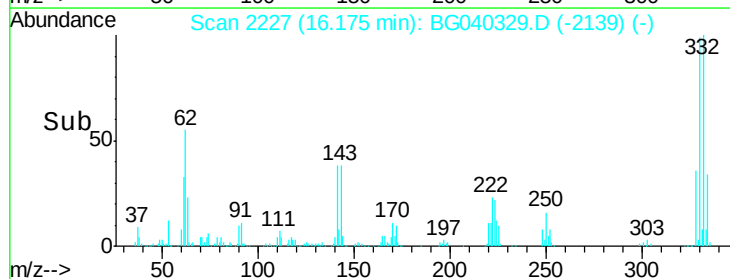
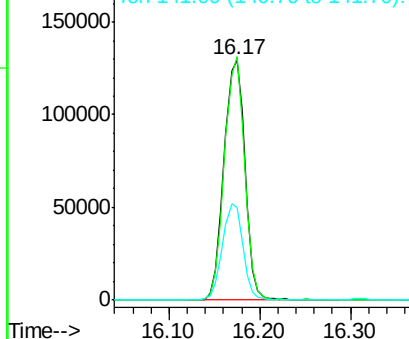
330 100

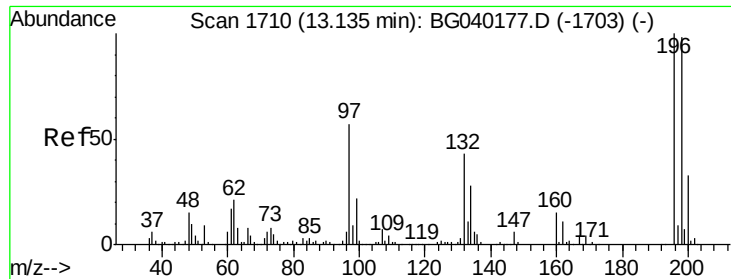
332 97.5 76.6 115.0

141 38.8 32.6 48.8



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

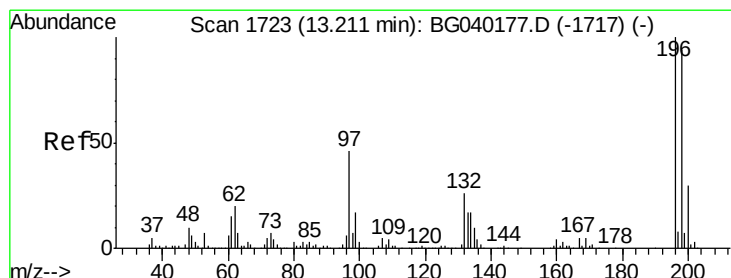
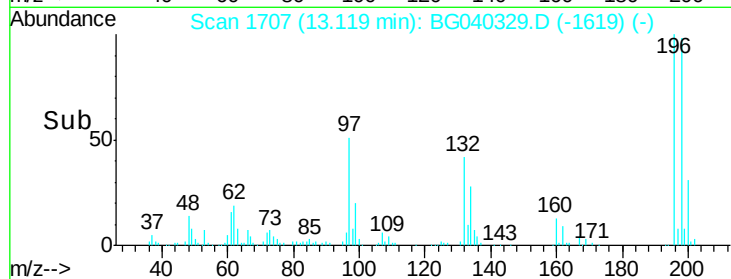
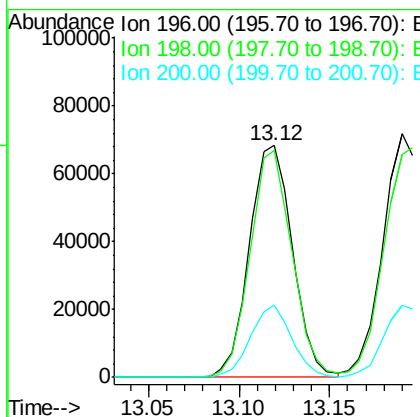
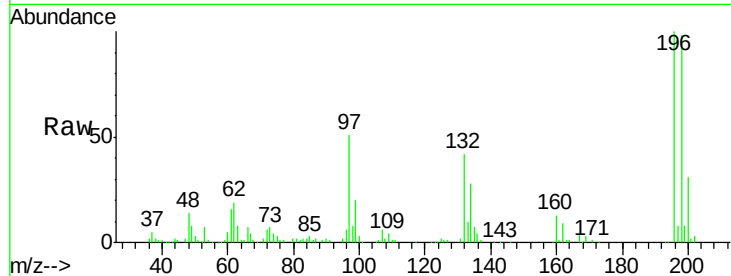




#43
 2,4,6-Trichlorophenol
 Concen: 45.906 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BG040329.D
 Acq: 3 Apr 2019 17:04

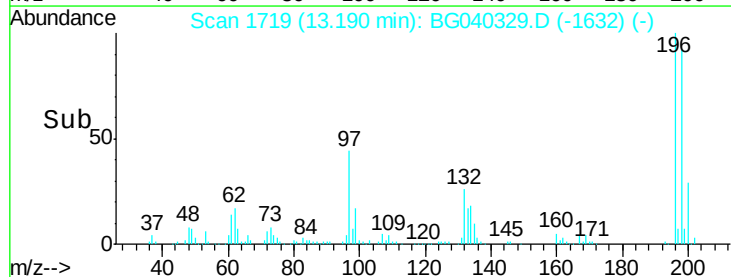
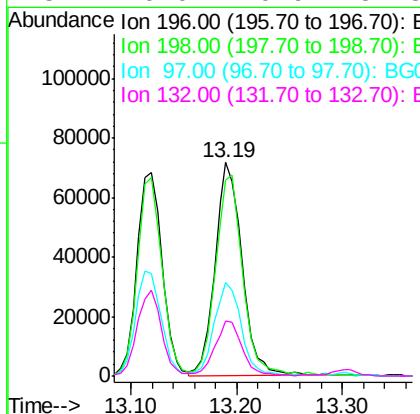
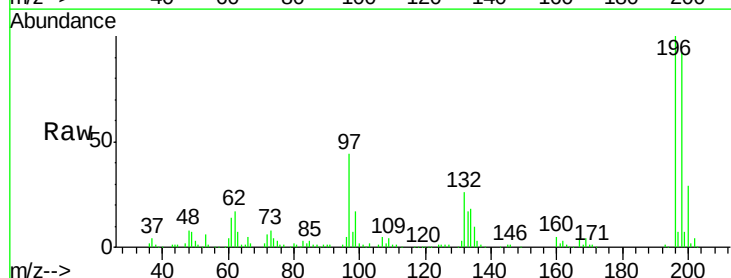
Instrument :
 BNA_G
 ClientSampled :

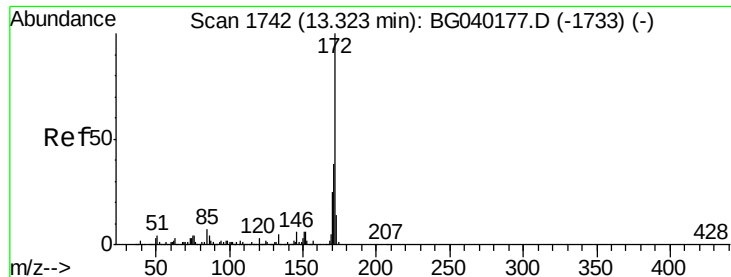
Tot Ion:196 Resp: 113211
 Ion Ratio Lower Upper
 196 100
 198 97.7 78.3 117.5
 200 31.3 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 47.432 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040329.D
 Acq: 3 Apr 2019 17:04

Tgt Ion:196 Resp: 127498
 Ion Ratio Lower Upper
 196 100
 198 91.8 75.0 112.6
 97 43.8 37.3 55.9
 132 26.0 20.9 31.3

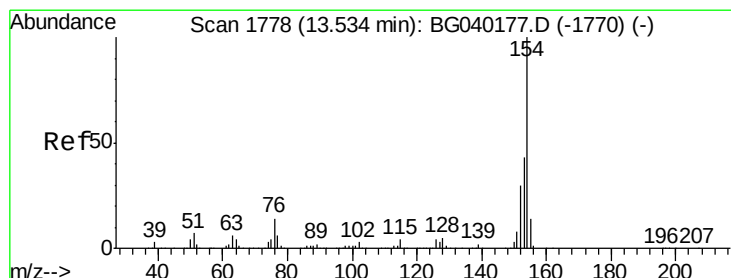
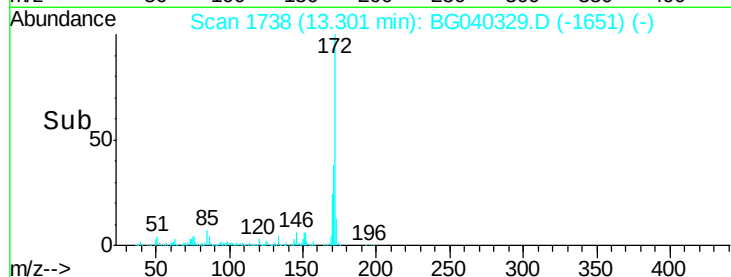
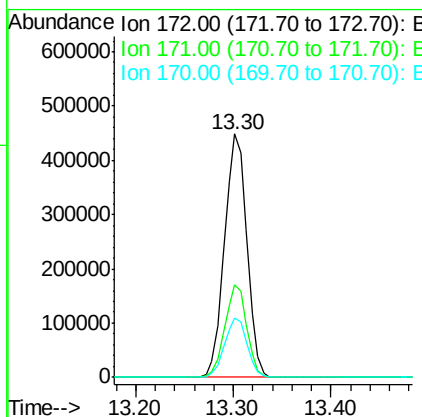
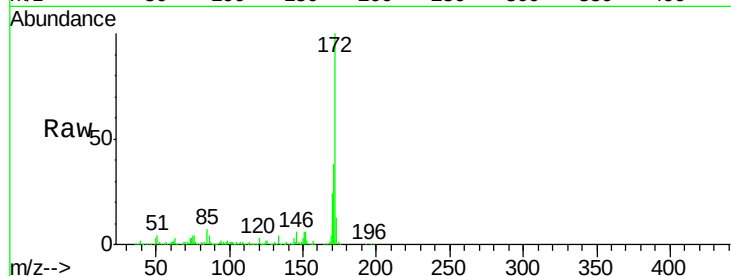




#45
2-Fluorobiphenyl
Concen: 87.414 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

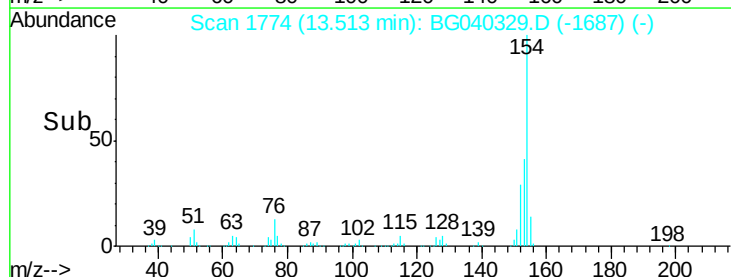
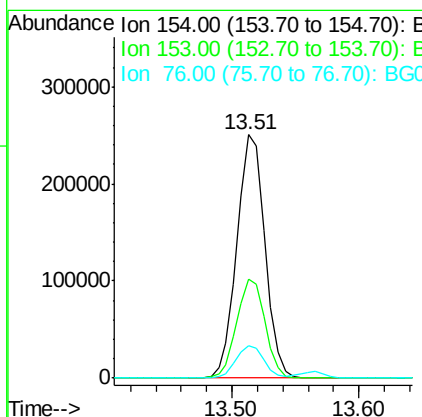
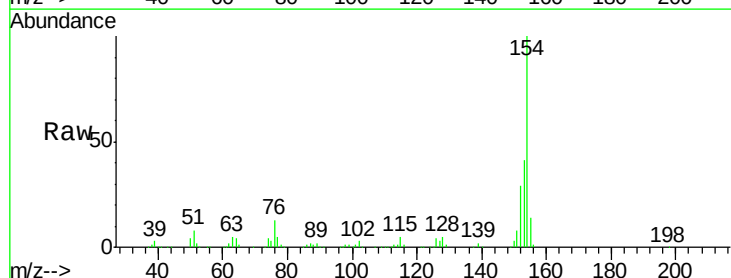
Instrument :
BNA_G
ClientSampled :

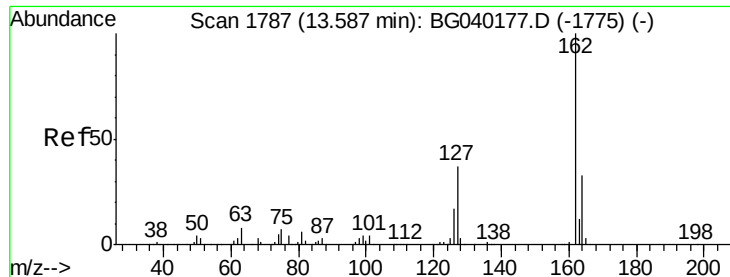
Tot Ion:172 Resp: 709969
Ion Ratio Lower Upper
172 100
171 37.9 30.5 45.7
170 24.2 20.1 30.1



#46
1,1'-Biphenyl
Concen: 40.171 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

Tgt Ion:154 Resp: 381988
Ion Ratio Lower Upper
154 100
153 40.6 22.5 62.5
76 13.4 0.0 33.7

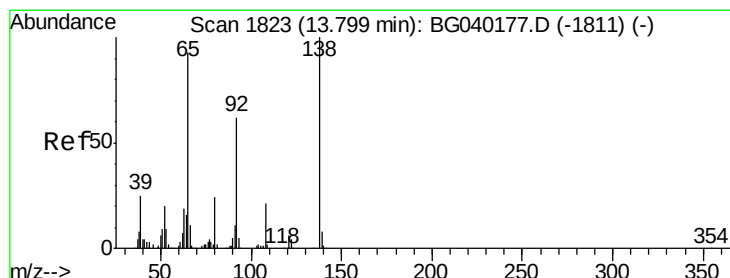
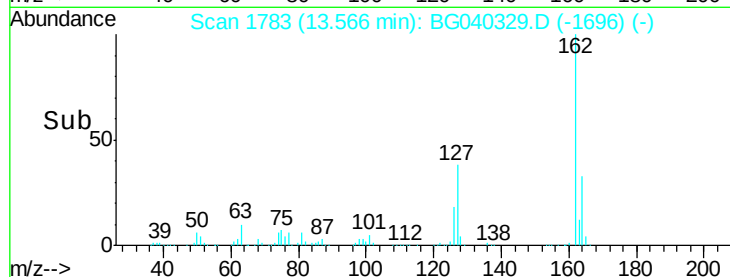
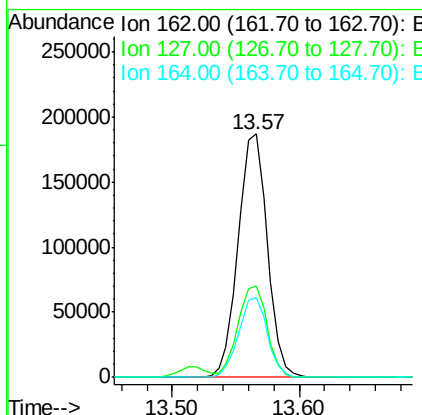
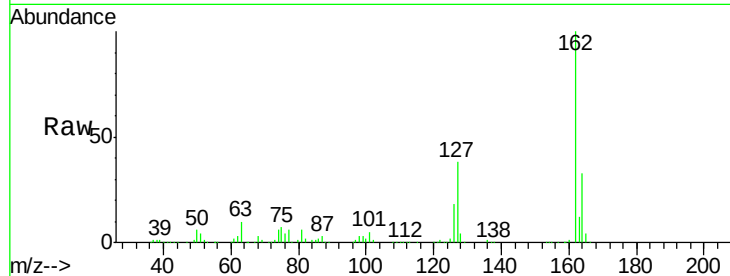




#47
 2-Chloronaphthalene
 Concen: 40.844 ng
 RT: 13.57 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG040329.D
 Acq: 3 Apr 2019 17:04

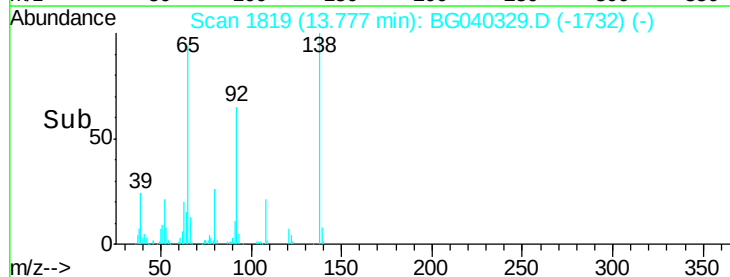
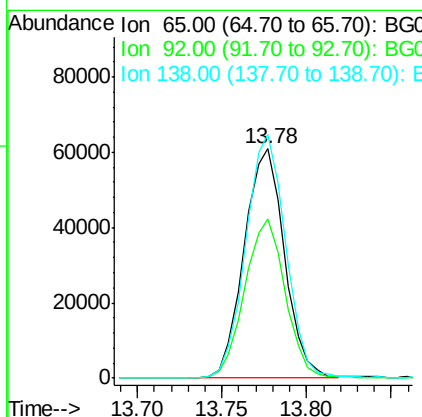
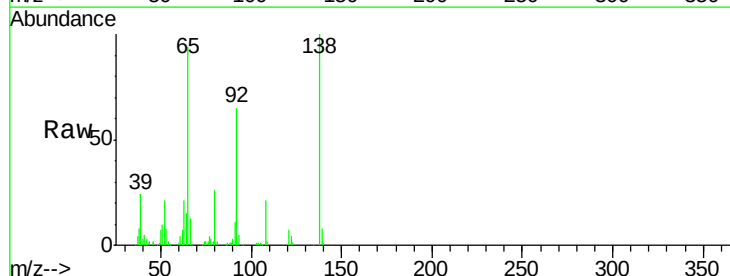
Instrument :
 BNA_G
 ClientSampleId :

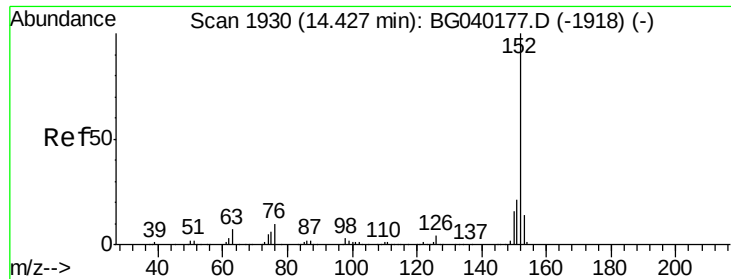
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.6	45.8
164	32.7	26.2	39.4



#48
 2-Nitroaniline
 Concen: 41.286 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. -0.02 min
 Lab File: BG040329.D
 Acq: 3 Apr 2019 17:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	53.8	80.6
138	106.2	86.3	129.5





#49

Acenaphthylene

Concen: 40.628 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Instrument :

BNA_G

ClientSampleId :

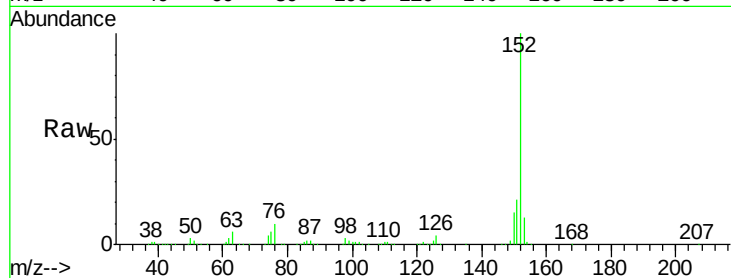
Tot Ion:152 Resp: 502442

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.6

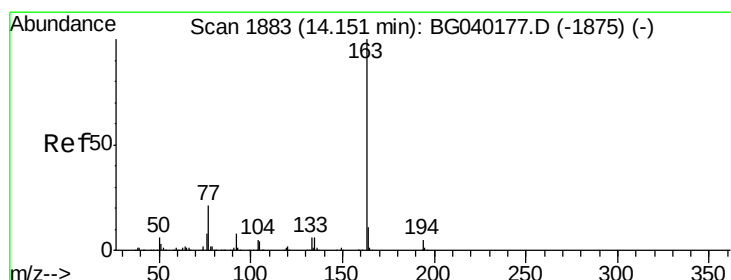
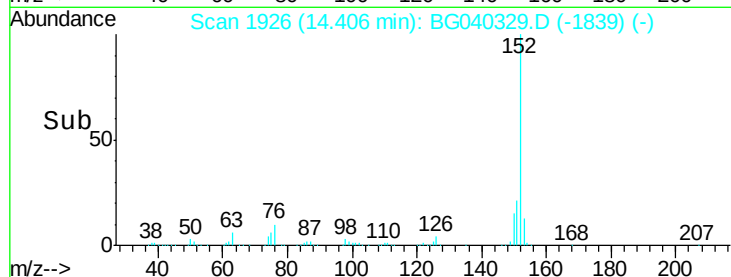
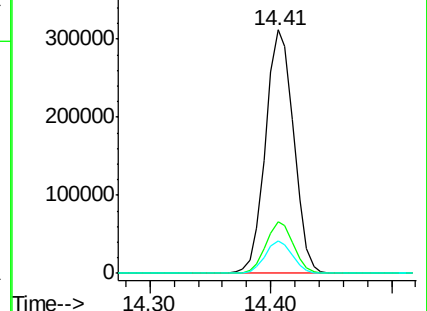
153 13.3 10.8 16.2



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: 42.890 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

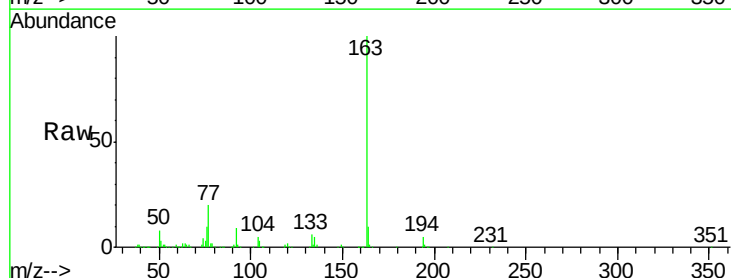
Tgt Ion:163 Resp: 403973

Ion Ratio Lower Upper

163 100

194 4.6 4.1 6.1

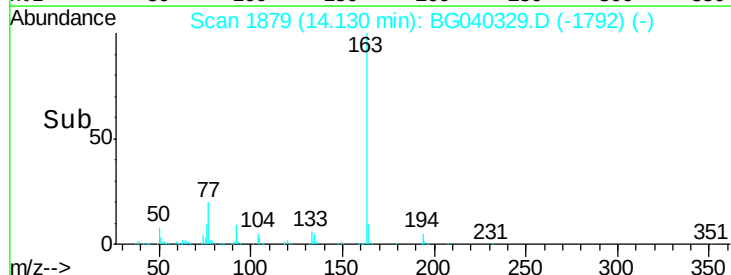
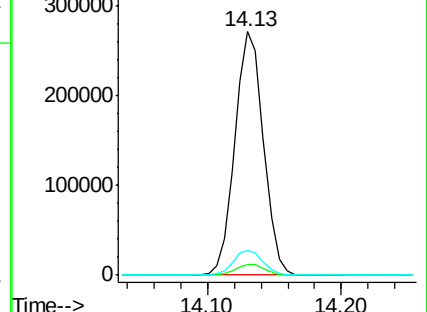
164 9.9 8.6 13.0

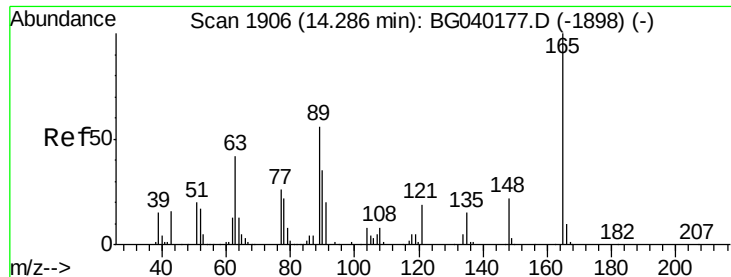


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.566 ng

RT: 14.27 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Instrument :

BNA_G

ClientSampled :

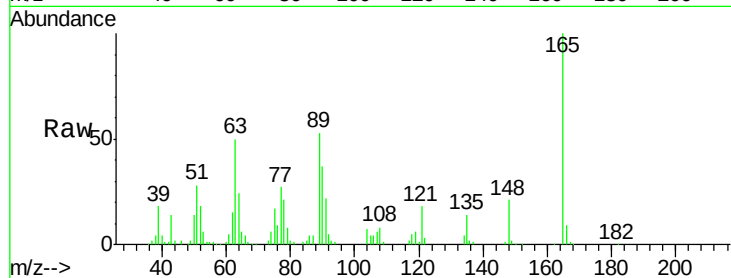
Tot Ion:165 Resp: 90022

Ion Ratio Lower Upper

165 100

63 49.9 44.1 66.1

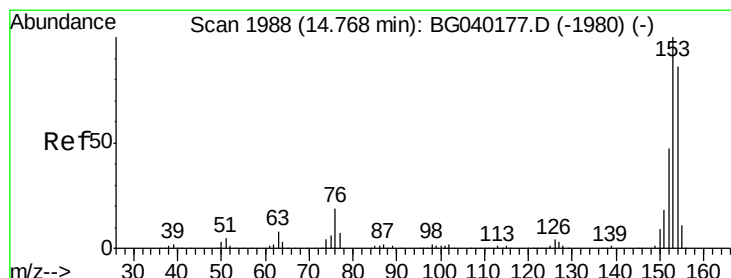
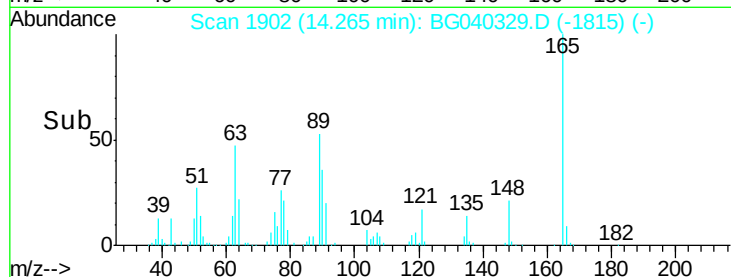
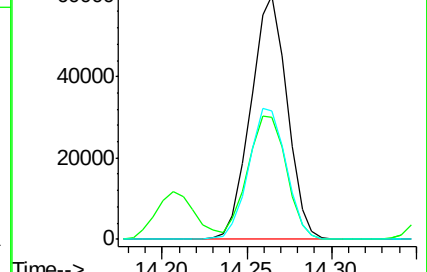
89 52.6 44.9 67.3



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



#52

Acenaphthene

Concen: 40.959 ng

RT: 14.75 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

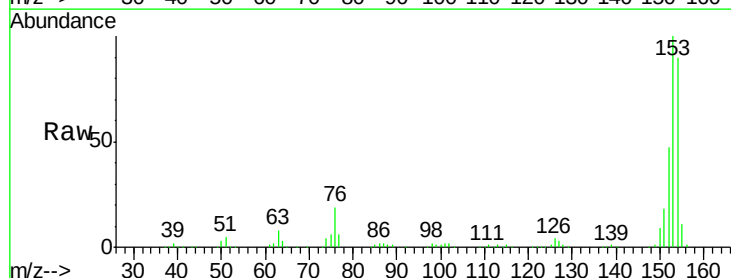
Tgt Ion:154 Resp: 290253

Ion Ratio Lower Upper

154 100

153 110.8 92.8 139.2

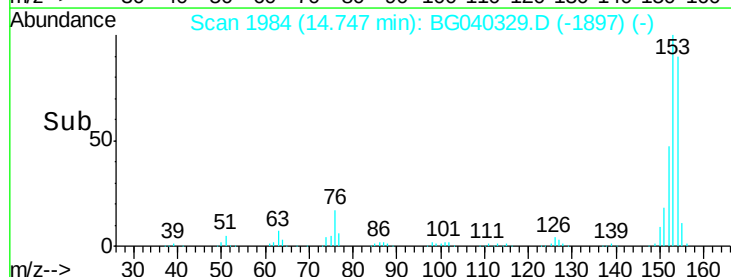
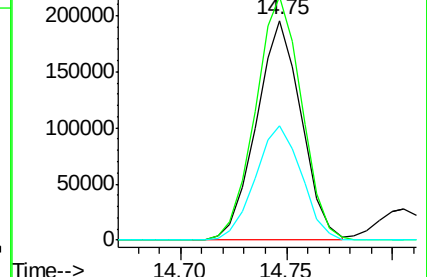
152 52.3 43.4 65.2

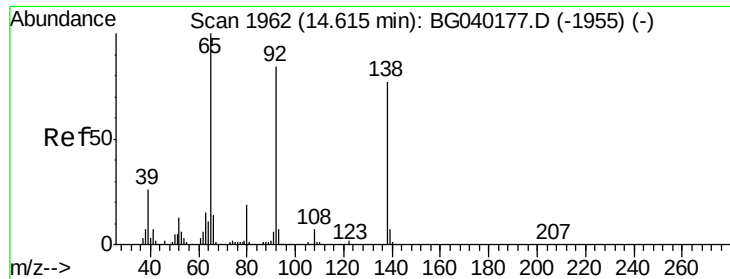


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 30.546 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Instrument :

BNA_G

ClientSampleId :

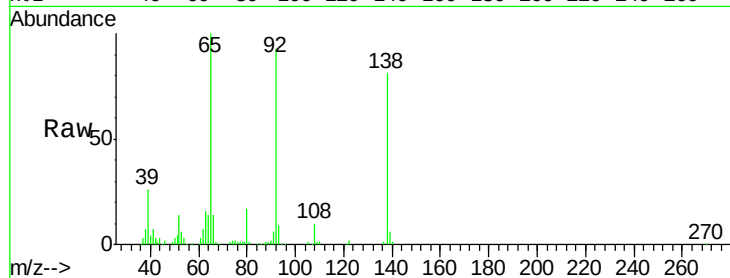
Tot Ion:138 Resp: 68382

Ion Ratio Lower Upper

138 100

108 12.1 7.8 11.8#

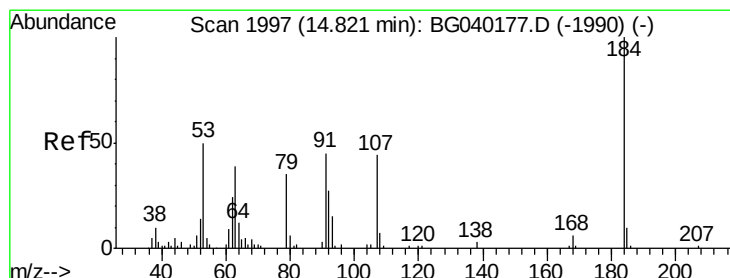
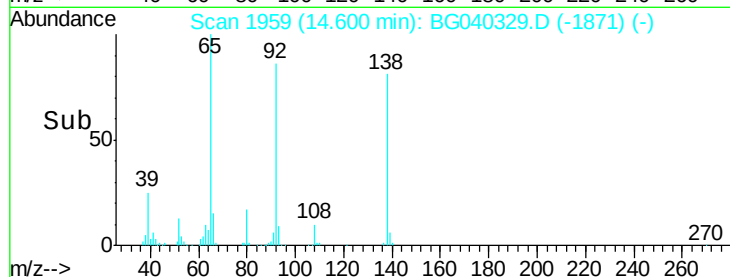
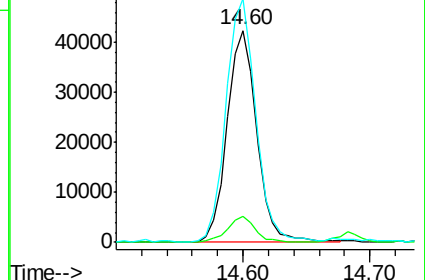
92 114.7 87.5 131.3



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): E



#54

2,4-Dinitrophenol

Concen: 74.825 ng

RT: 14.81 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

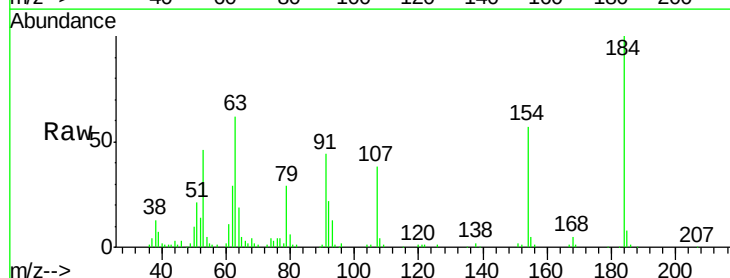
Tgt Ion:184 Resp: 84158

Ion Ratio Lower Upper

184 100

63 61.9 51.8 77.8

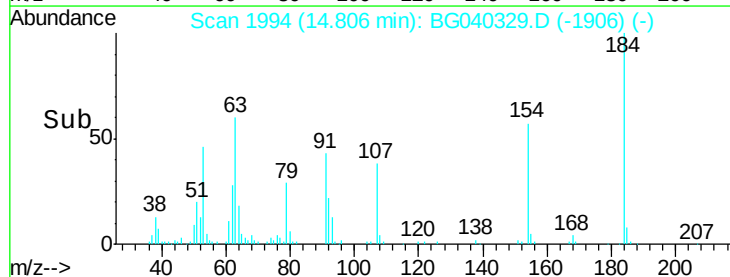
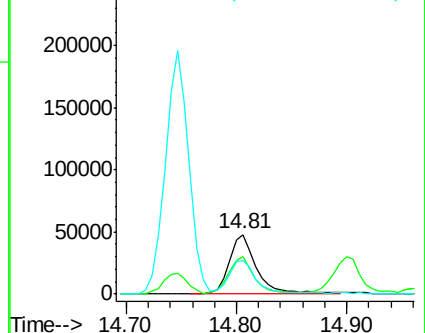
154 57.3 50.9 76.3

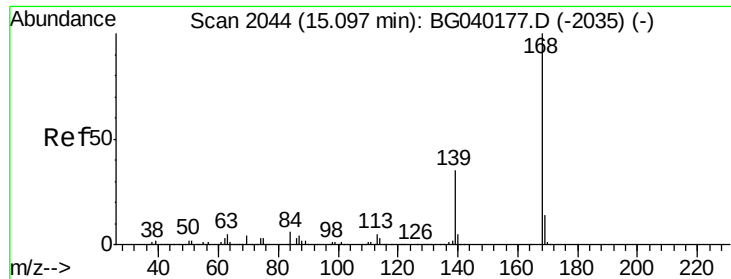


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

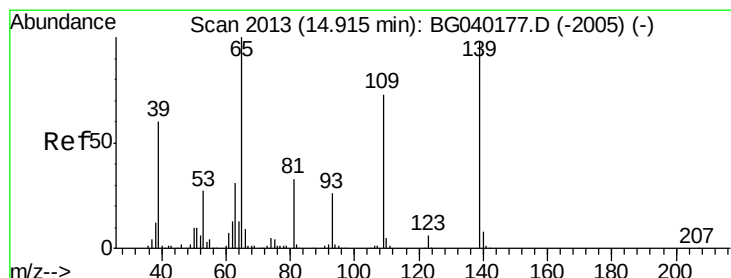
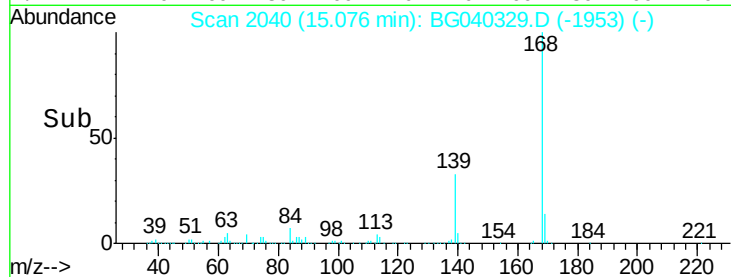
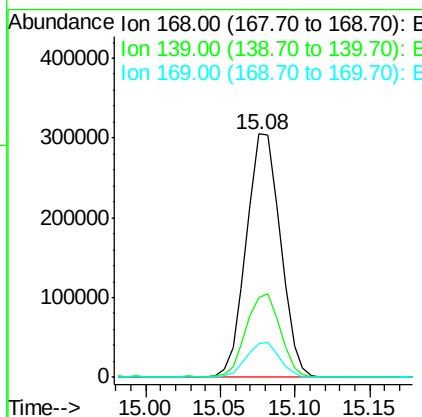
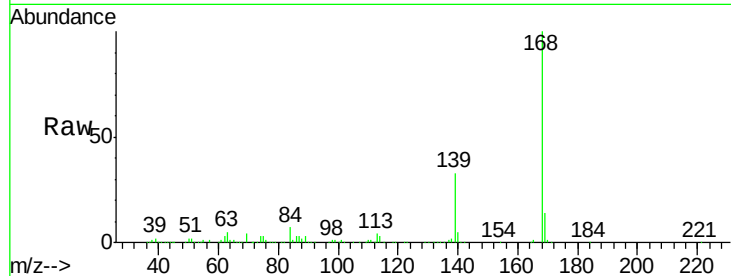




#55
Dibenzofuran
Concen: 42.405 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

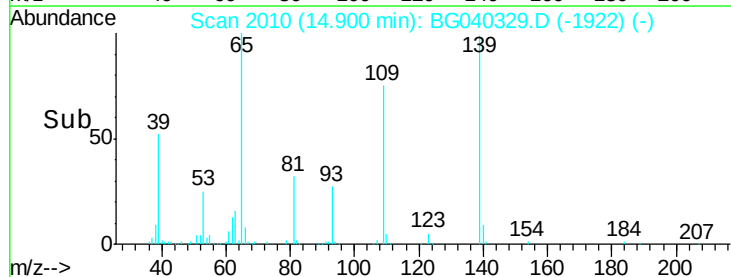
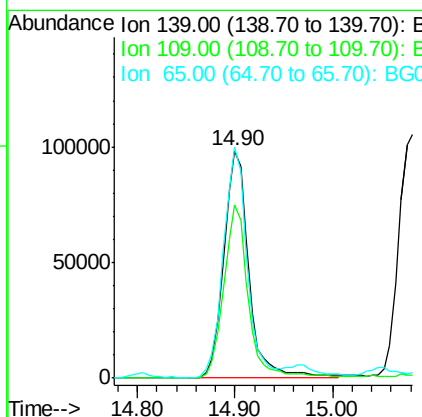
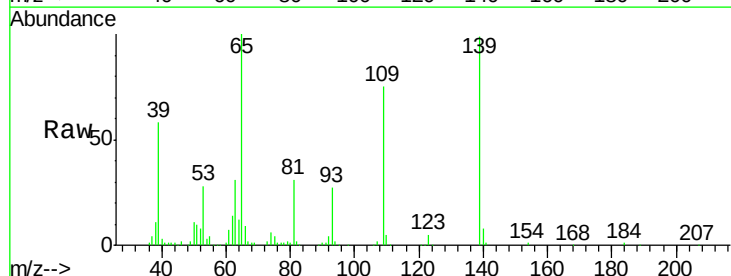
Instrument :
BNA_G
ClientSampleId :

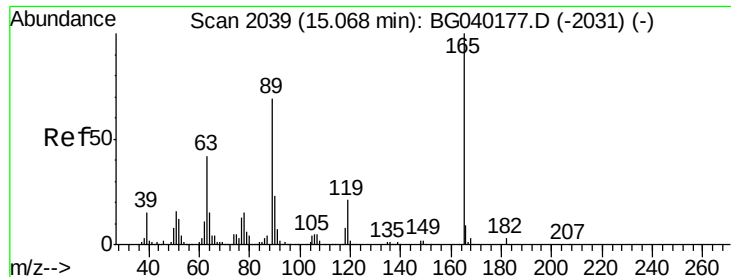
Tot Ion:168 Resp: 482855
Ion Ratio Lower Upper
168 100
139 33.0 27.9 41.9
169 14.0 11.3 16.9



#56
4-Nitrophenol
Concen: 97.153 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

Tgt Ion:139 Resp: 175535
Ion Ratio Lower Upper
139 100
109 75.8 54.3 94.3
65 101.5 82.5 122.5





#57

2,4-Dinitrotoluene

Concen: 46.150 ng

RT: 15.05 min Scan# 2035

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 135618

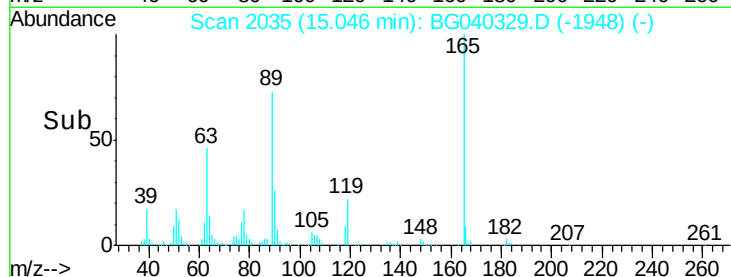
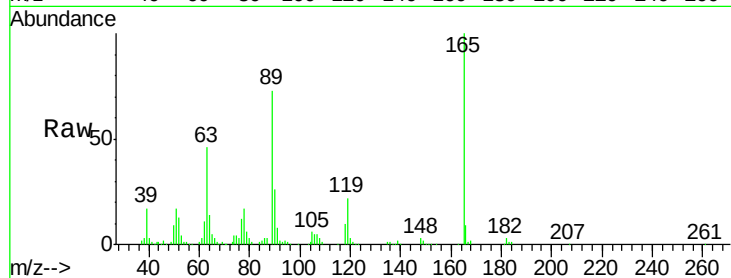
Ion Ratio Lower Upper

165 100

63 45.7 33.8 50.6

89 73.0 55.4 83.2

182 2.5 2.2 3.4

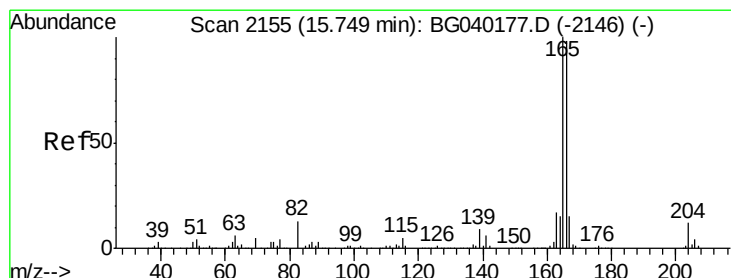
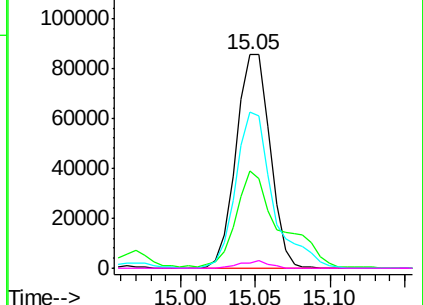


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.588 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

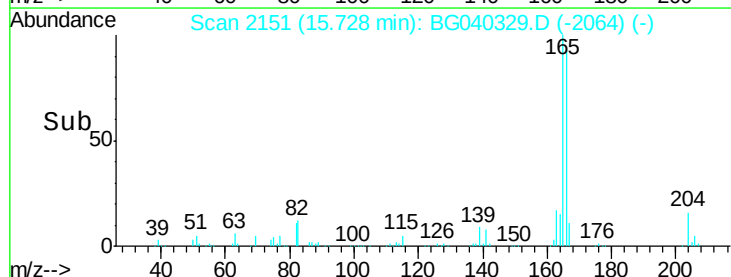
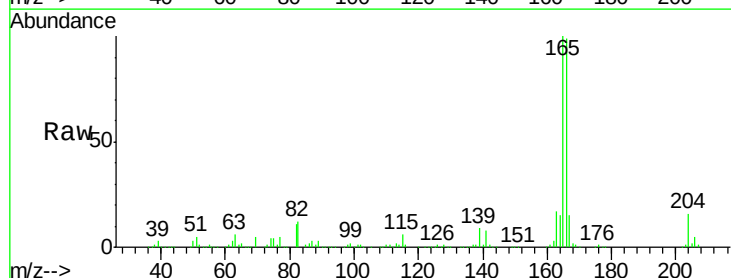
Tgt Ion:166 Resp: 381264

Ion Ratio Lower Upper

166 100

165 100.7 81.7 122.5

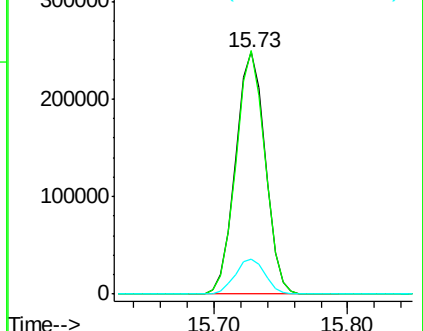
167 14.6 11.9 17.9

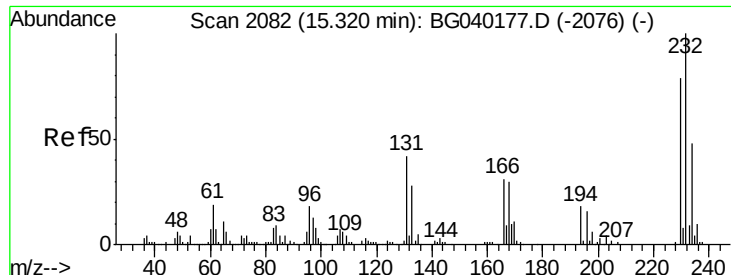


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

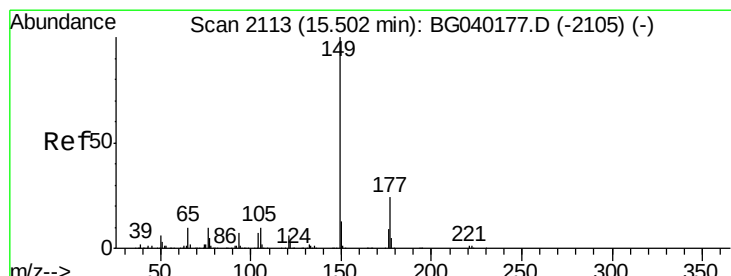
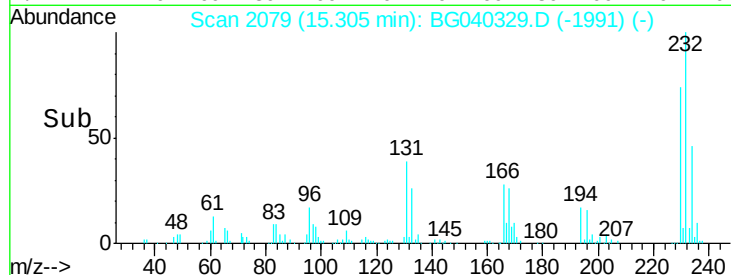
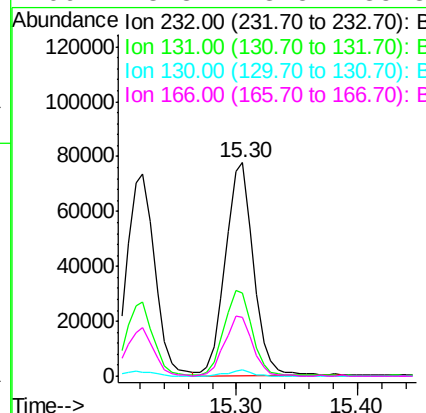
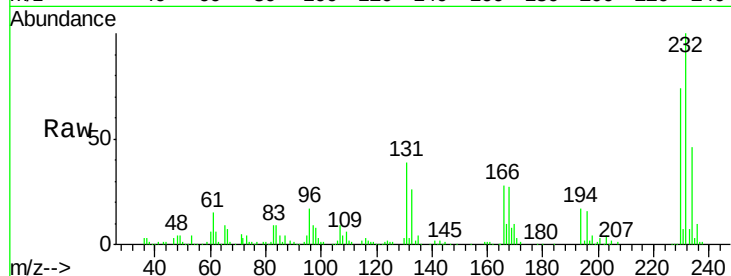




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.356 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG040329.D
 Acq: 3 Apr 2019 17:04

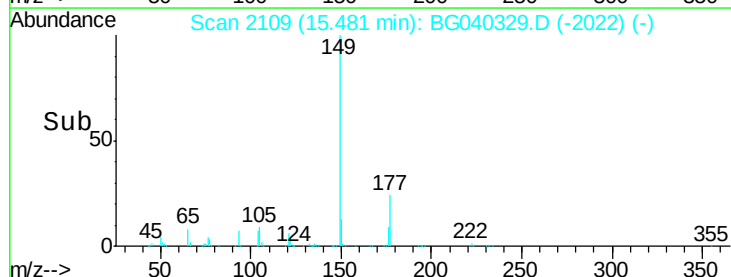
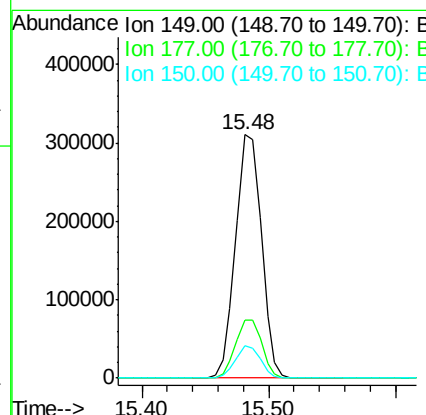
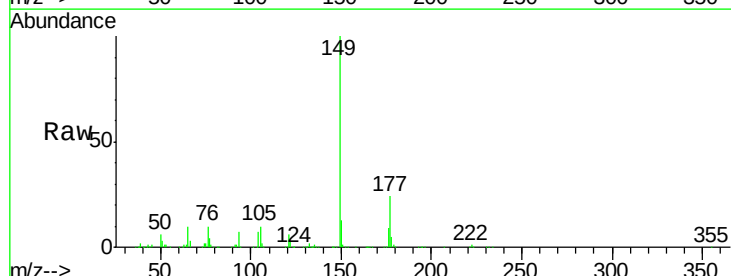
Instrument :
 BNA_G
 ClientSampled :

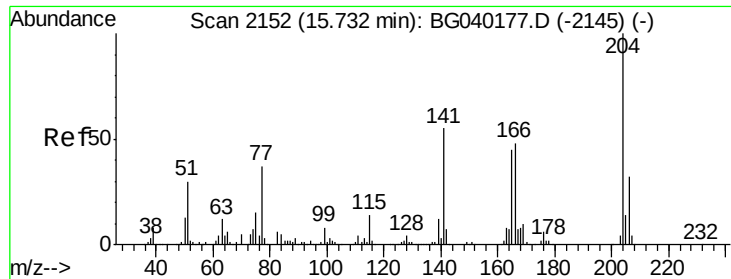
Tot Ion:	232	Resp:	125269
Ion	Ratio	Lower	Upper
232	100		
131	39.2	32.9	49.3
130	2.4	1.8	2.8
166	28.3	23.5	35.3



#60
 Diethylphthalate
 Concen: 45.498 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040329.D
 Acq: 3 Apr 2019 17:04

Tgt Ion:	149	Resp:	438524
Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.1	28.7
150	13.1	10.6	15.8

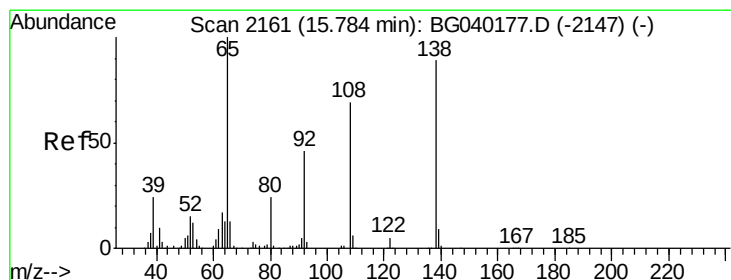
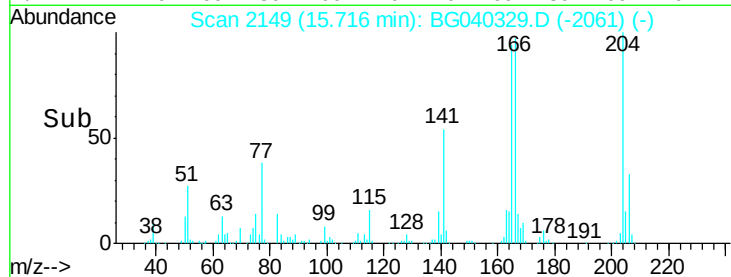
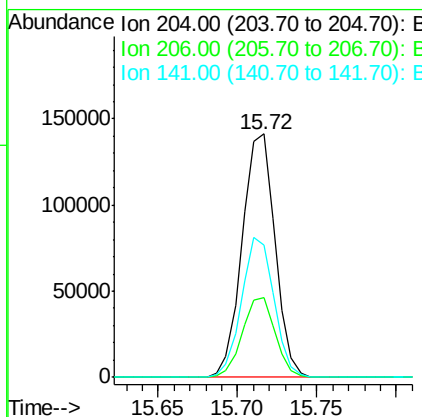
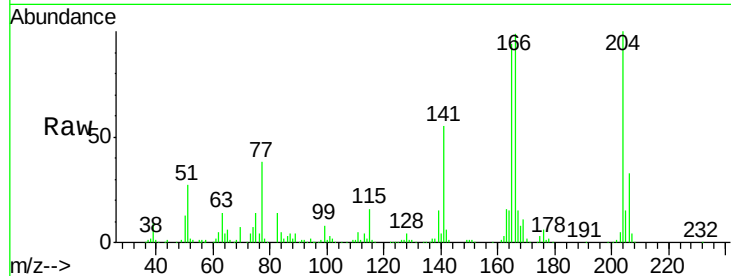




#61
 4-Chlorophenyl-phenylether
 Concen: 42.443 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG040329.D
 Acq: 3 Apr 2019 17:04

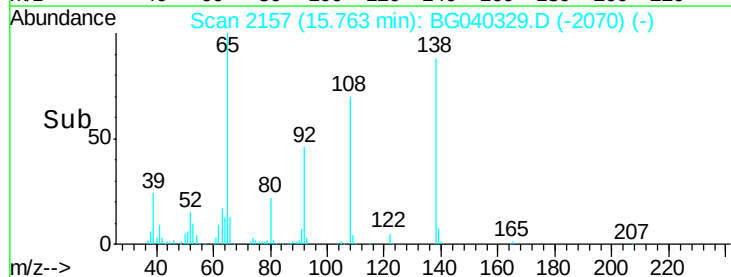
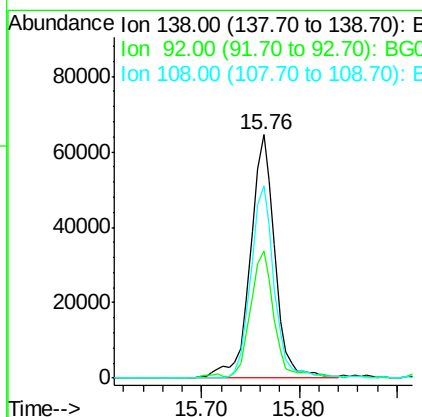
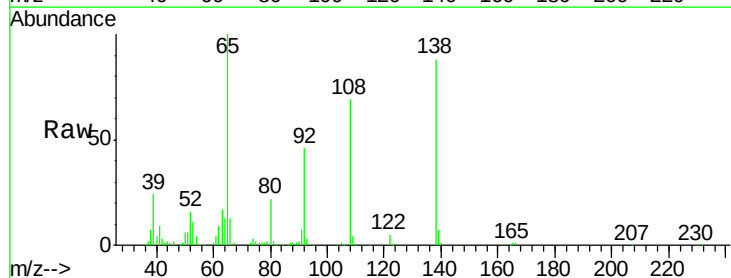
Instrument :
 BNA_G
 ClientSampleId :

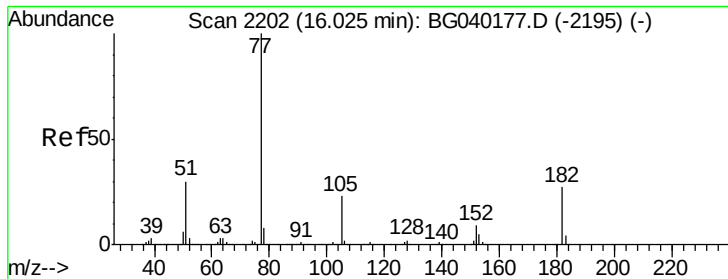
Tot Ion:	204	Resp:	203106
Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.7	38.5
141	54.5	44.0	66.0



#62
 4-Nitroaniline
 Concen: 47.672 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040329.D
 Acq: 3 Apr 2019 17:04

Tgt Ion:	138	Resp:	114530
Ion	Ratio	Lower	Upper
138	100		
92	52.1	31.8	71.8
108	79.3	57.2	97.2





#63

Azobenzene

Concen: 42.465 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 386061

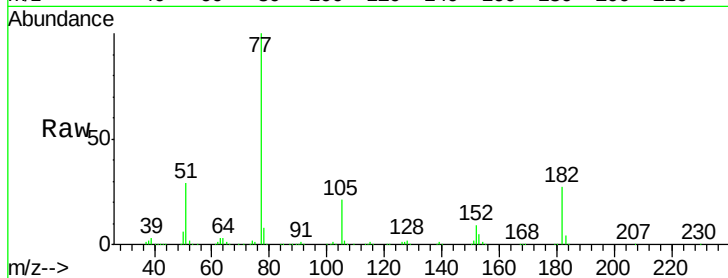
Ion Ratio Lower Upper

77 100

182 26.8 7.2 47.2

105 21.1 2.8 42.8

51 29.4 10.4 50.4

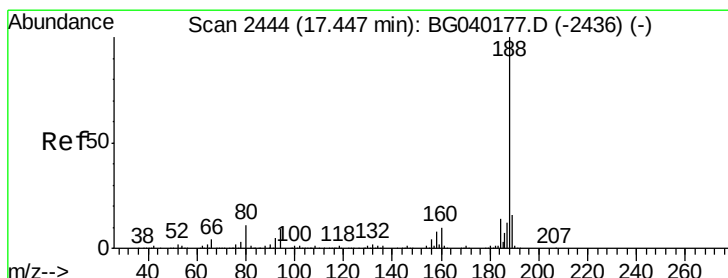
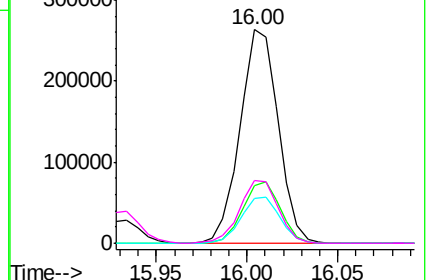
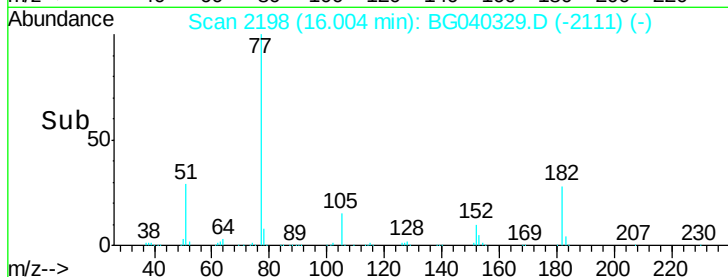


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

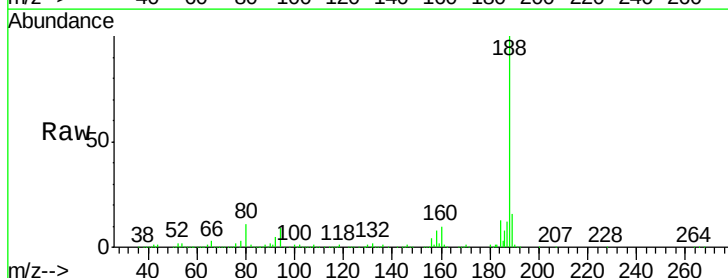
Tgt Ion: 188 Resp: 326507

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

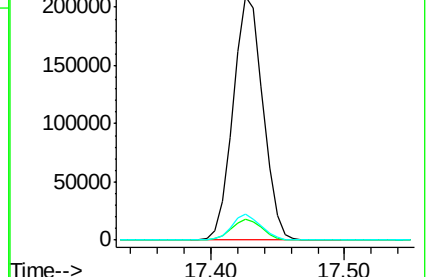
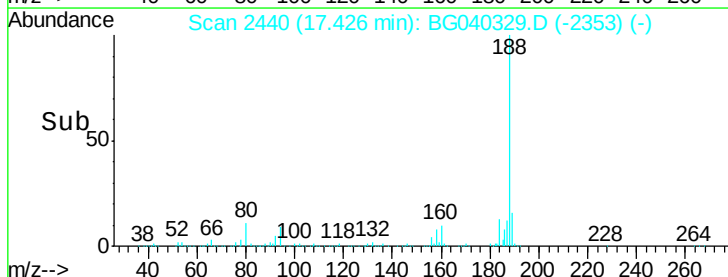
80 10.7 8.6 13.0

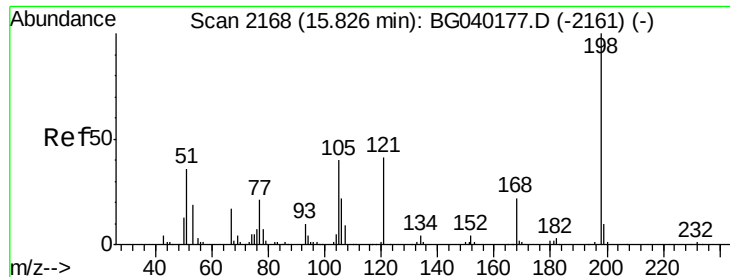


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 38.327 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

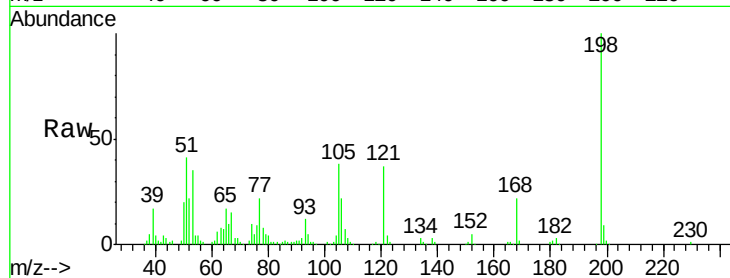
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 70306

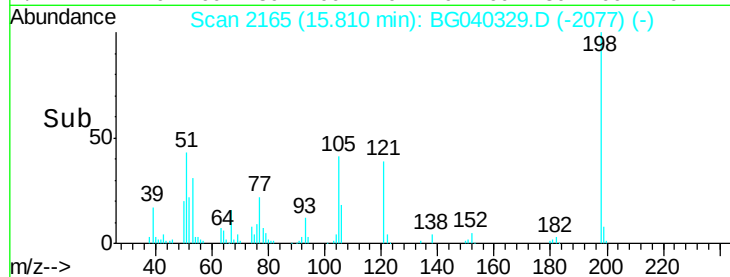
Ion	Ratio	Lower	Upper
198	100		
51	40.5	27.3	67.3
105	38.5	21.7	61.7



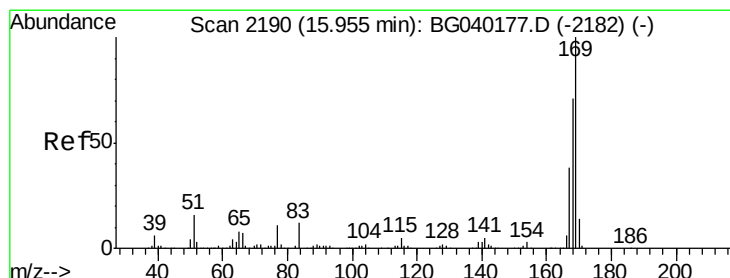
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 39.241 ng

RT: 15.93 min Scan# 2186

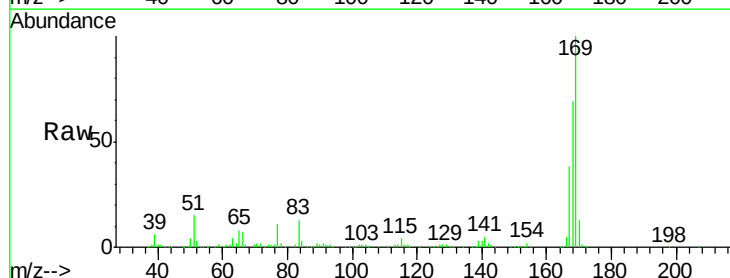
Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Tgt Ion:169 Resp: 374927

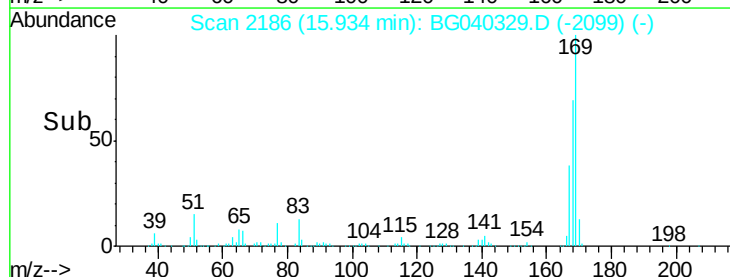
Ion	Ratio	Lower	Upper
169	100		
168	69.1	56.8	85.2
167	37.6	30.2	45.4



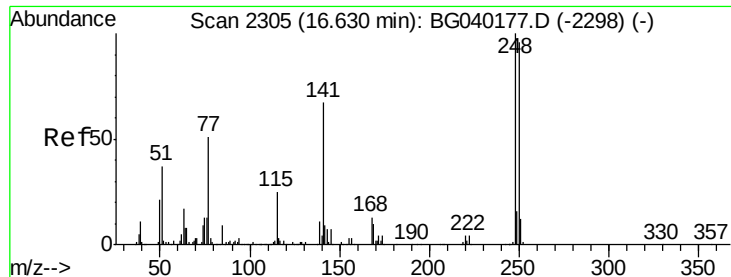
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



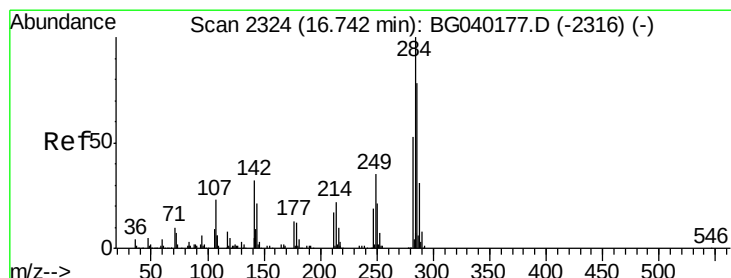
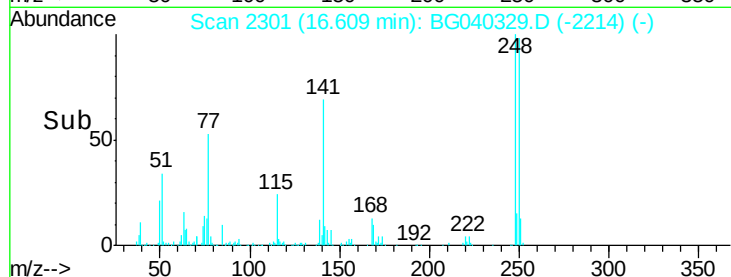
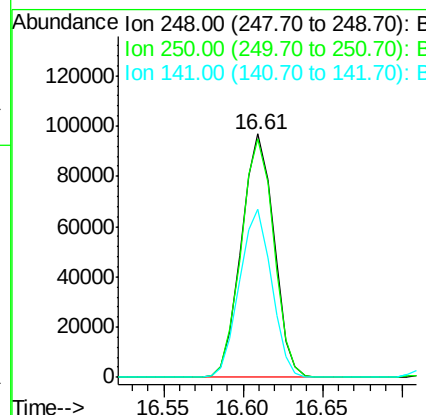
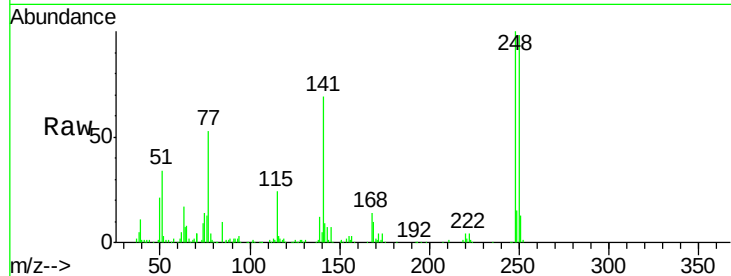
Time-->



#67
 4-Bromophenyl-phenylether
 Concen: 37.613 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: BG040329.D
 Acq: 3 Apr 2019 17:04

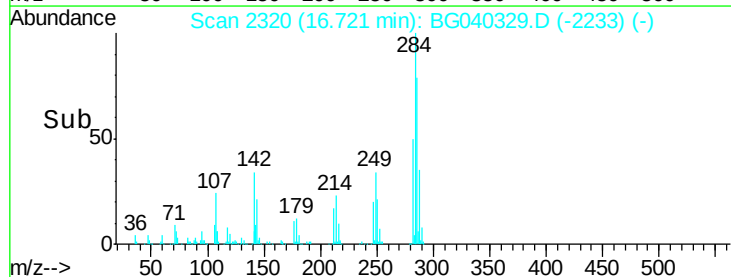
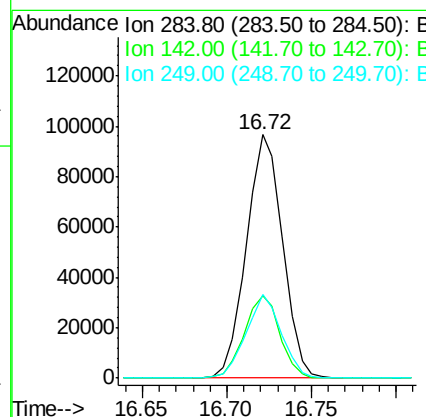
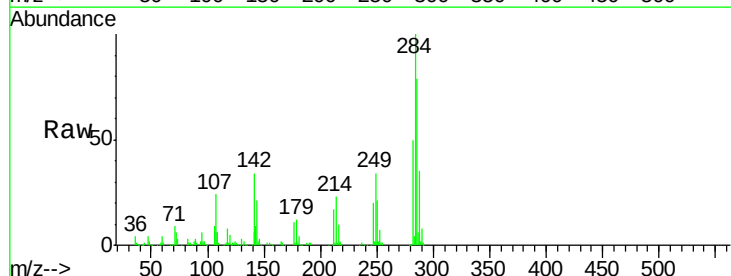
Instrument :
 BNA_G
 ClientSampleId :

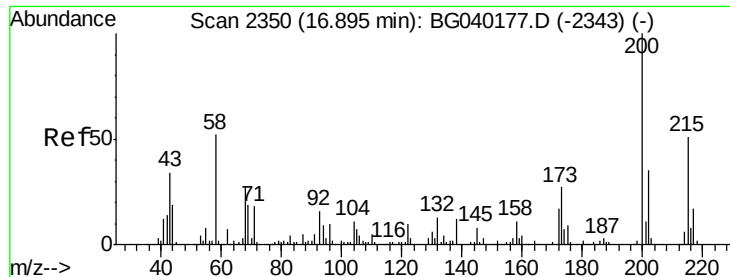
Tot Ion:248 Resp: 138204
 Ion Ratio Lower Upper
 248 100
 250 97.8 76.4 114.6
 141 69.2 53.8 80.8



#68
 Hexachlorobenzene
 Concen: 38.923 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG040329.D
 Acq: 3 Apr 2019 17:04

Tgt Ion:284 Resp: 143796
 Ion Ratio Lower Upper
 284 100
 142 33.8 25.3 37.9
 249 34.4 28.2 42.2





#69

Atrazine

Concen: 40.041 ng

RT: 16.87 min Scan# 2346

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Instrument :

BNA_G

ClientSampled :

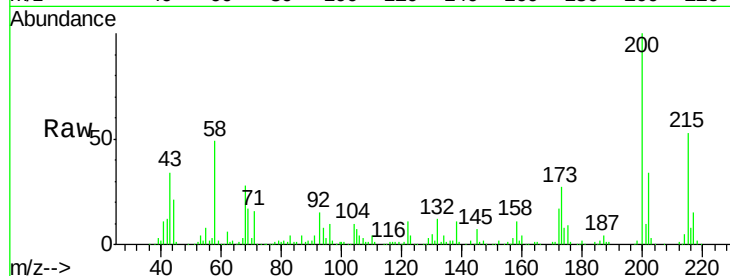
Tot Ion:200 Resp: 142315

Ion Ratio Lower Upper

200 100

173 27.2 7.1 47.1

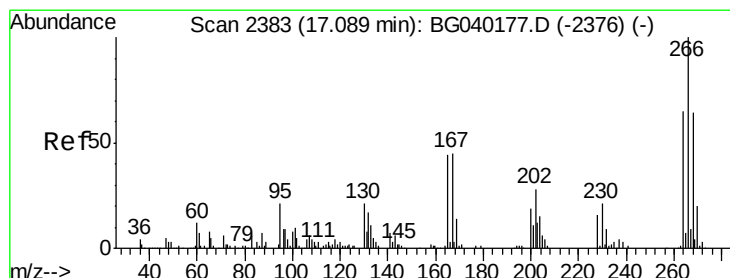
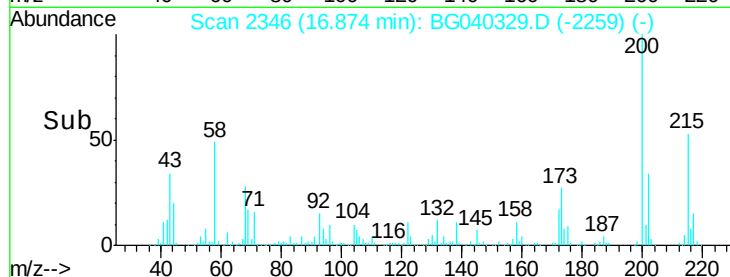
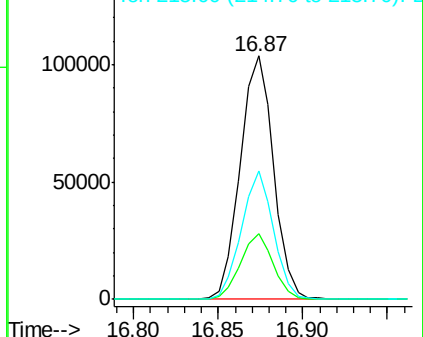
215 52.6 30.9 70.9



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: 73.455 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

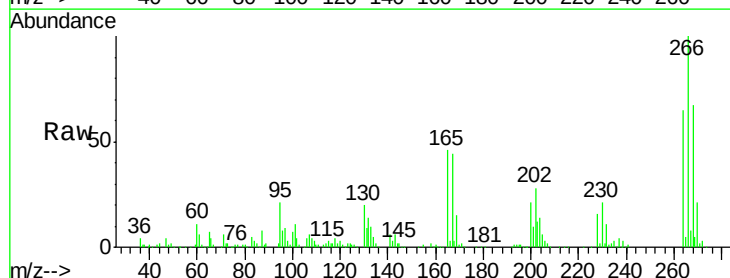
Tgt Ion:266 Resp: 156891

Ion Ratio Lower Upper

266 100

268 67.0 55.0 82.4

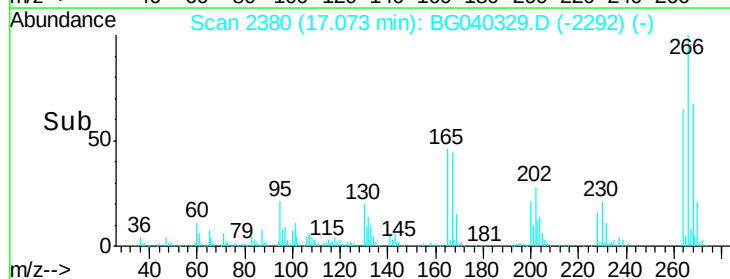
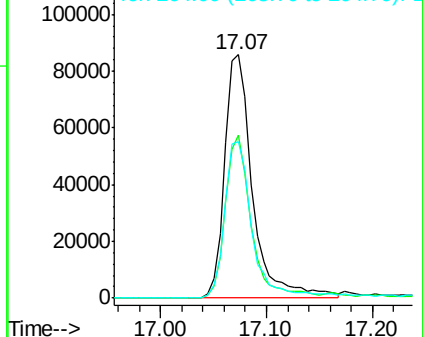
264 64.5 51.8 77.8

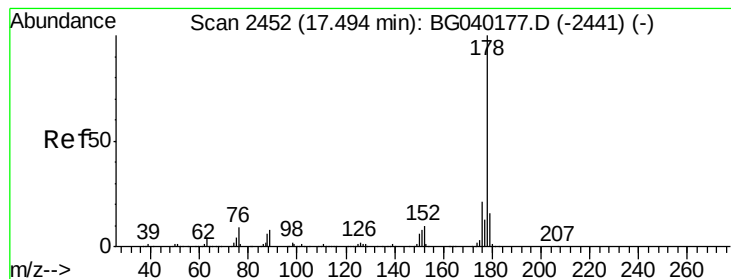


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.006 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Instrument :

BNA_G

ClientSampleId :

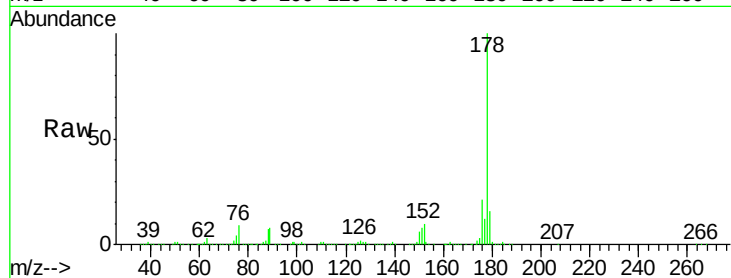
Tot Ion:178 Resp: 703739

Ion Ratio Lower Upper

178 100

176 20.6 16.7 25.1

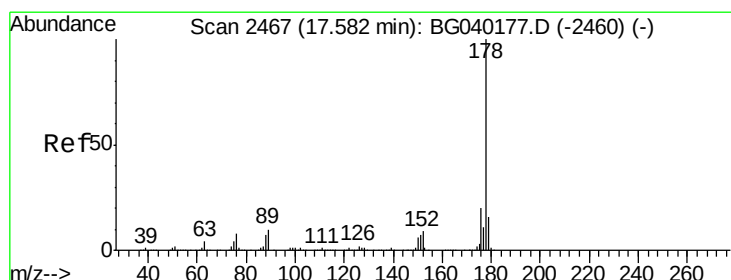
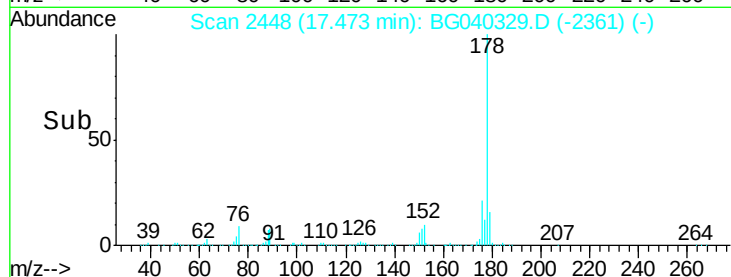
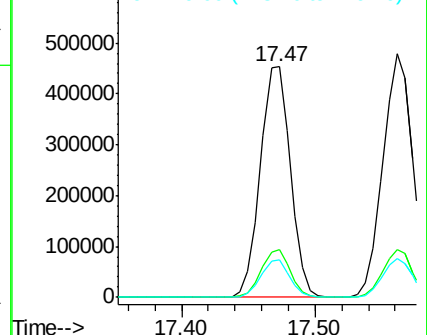
179 16.4 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.696 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

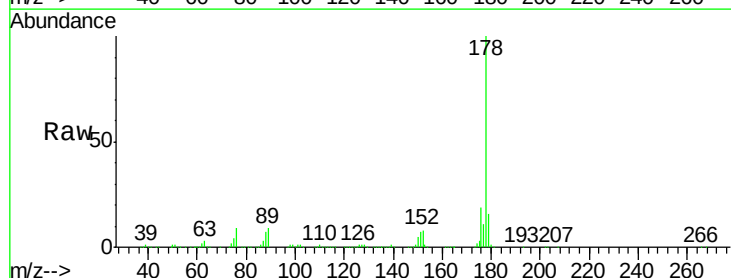
Tgt Ion:178 Resp: 733413

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

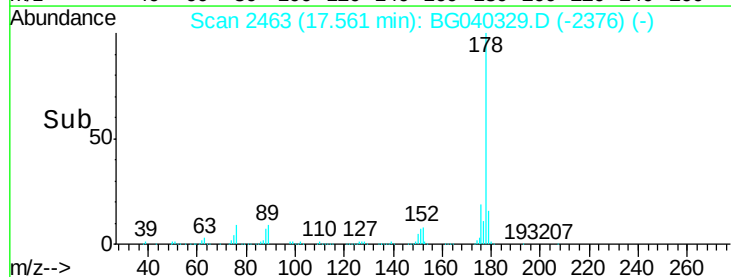
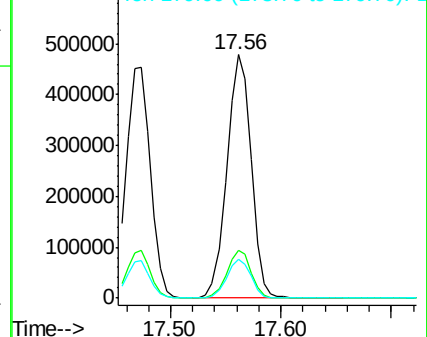
179 15.9 12.9 19.3

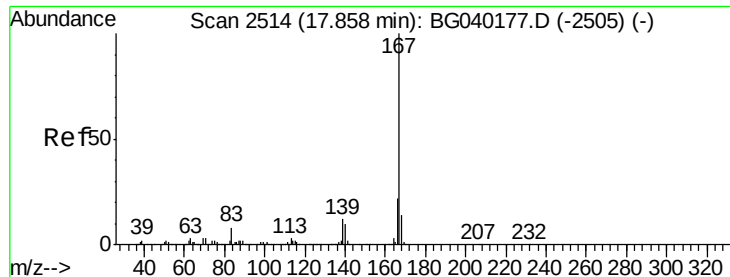


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

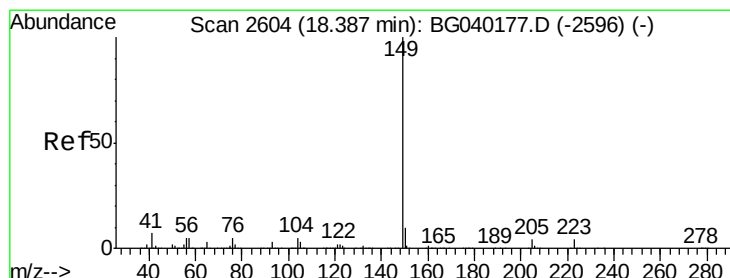
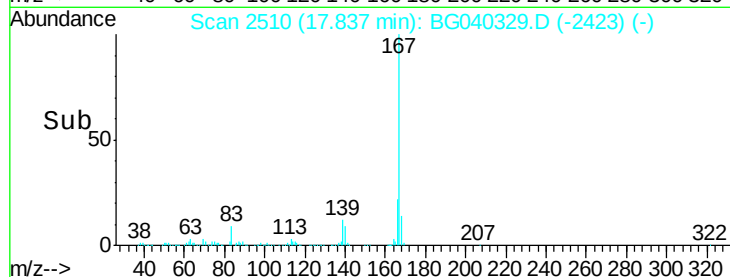
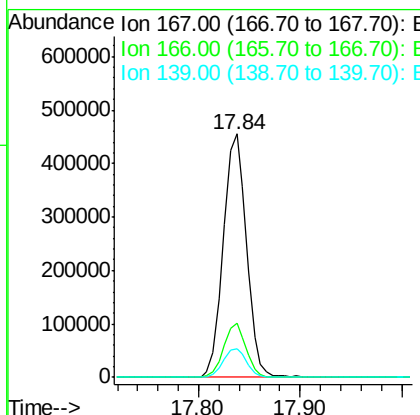
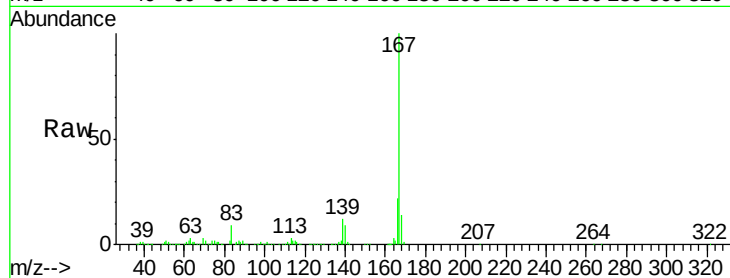




#73
 Carbazole
 Concen: 44.664 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.02 min
 Lab File: BG040329.D
 Acq: 3 Apr 2019 17:04

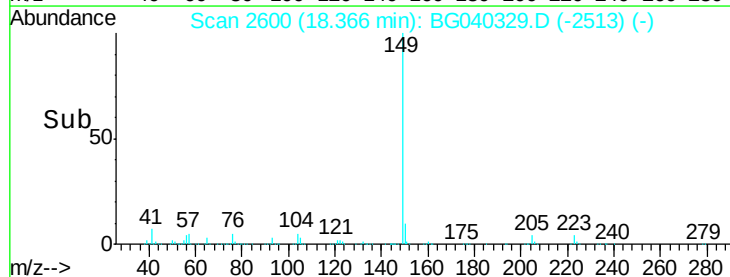
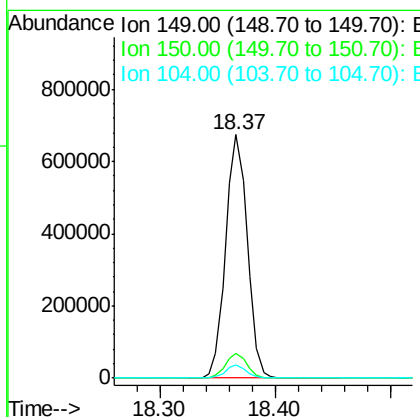
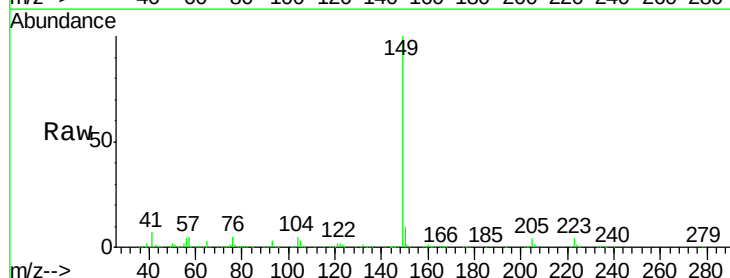
Instrument :
 BNA_G
 ClientSampleId :

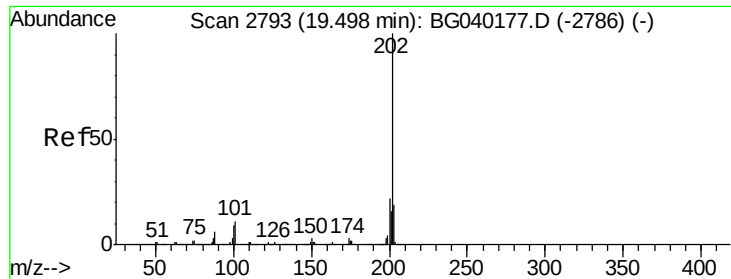
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.5	26.3
139	12.0	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 45.444 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.02 min
 Lab File: BG040329.D
 Acq: 3 Apr 2019 17:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.9	11.9
104	5.2	4.1	6.1

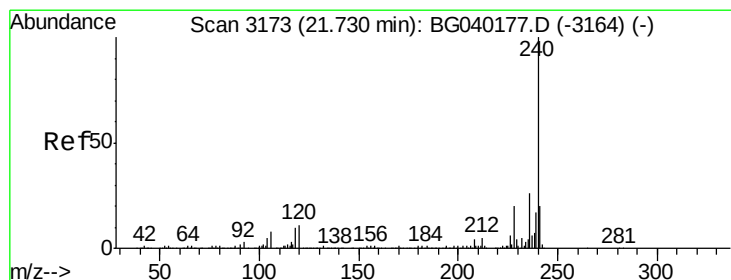
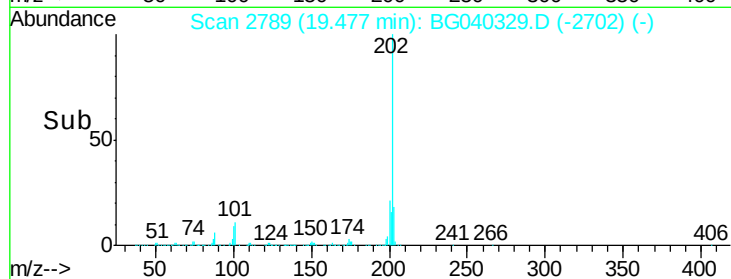
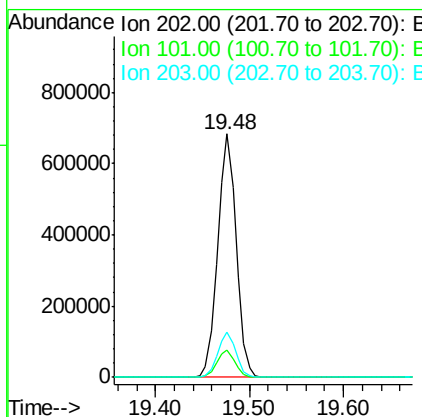
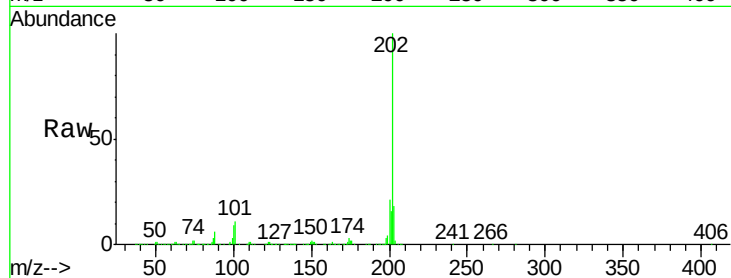




#75
Fluoranthene
Concen: 46.287 ng
RT: 19.48 min Scan# 2789
Delta R.T. -0.02 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

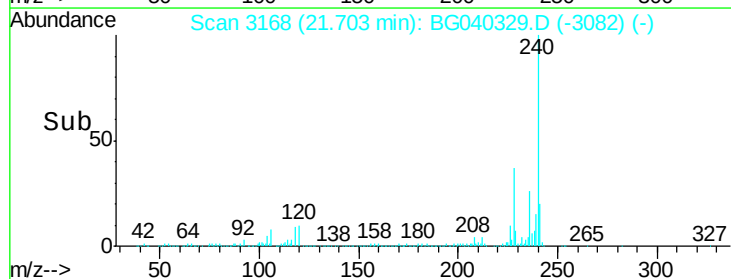
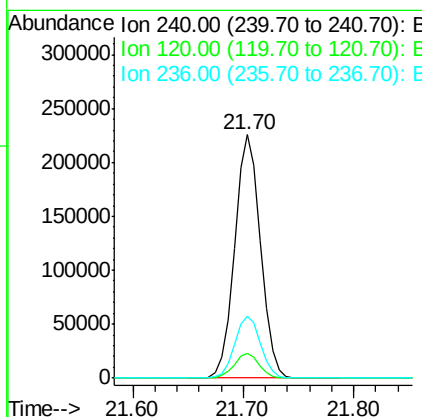
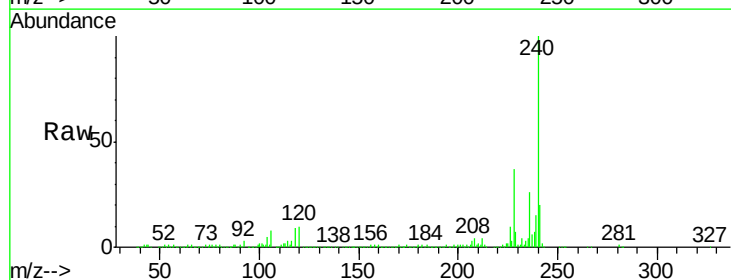
Instrument :
BNA_G
ClientSampled :

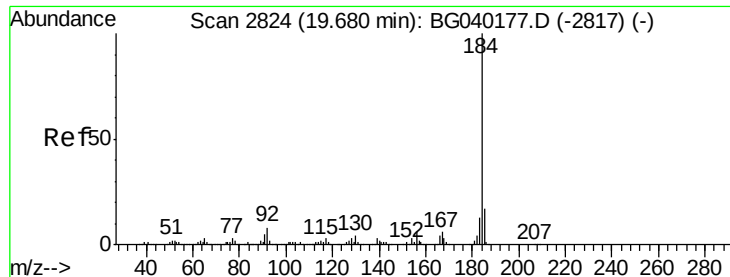
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.8
203	18.5	0.0	38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.03 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.4	12.6
236	25.6	20.8	31.2





#77

Benzidine

Concen: 33.347 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Instrument :

BNA_G

ClientSampleId :

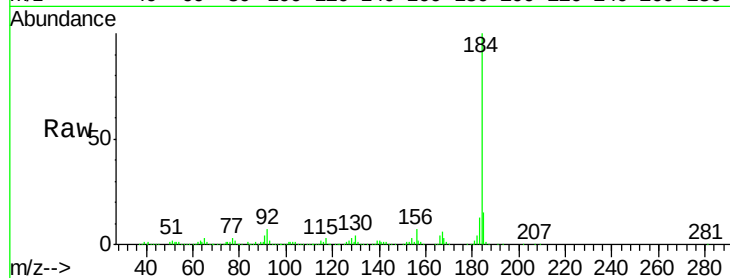
Tot Ion:184 Resp: 444246

Ion Ratio Lower Upper

184 100

185 14.8 13.3 19.9

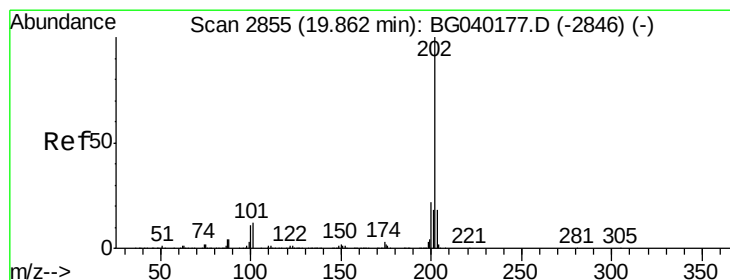
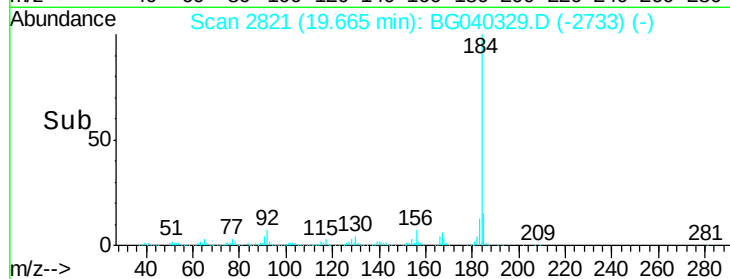
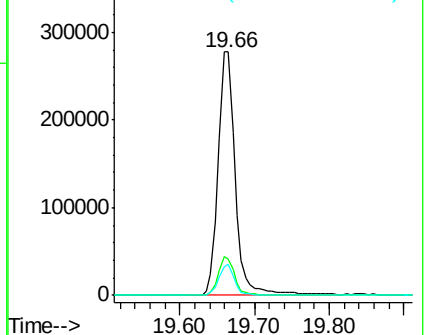
183 12.7 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.398 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

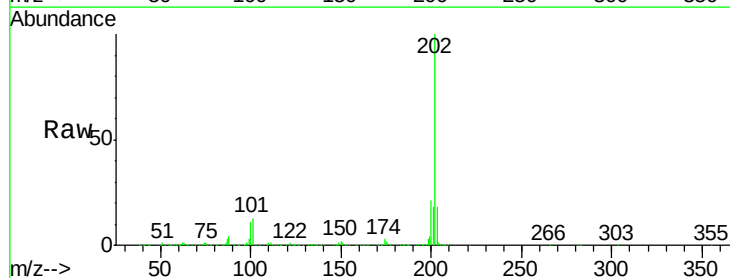
Tgt Ion:202 Resp: 955804

Ion Ratio Lower Upper

202 100

200 21.1 17.3 25.9

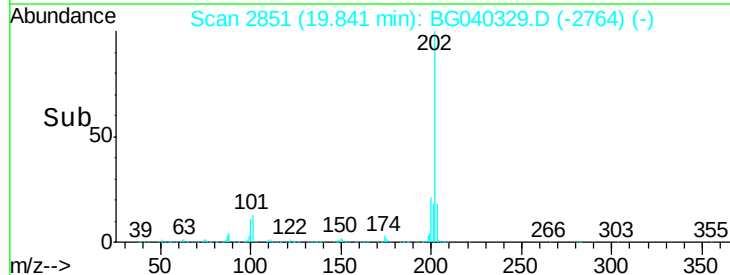
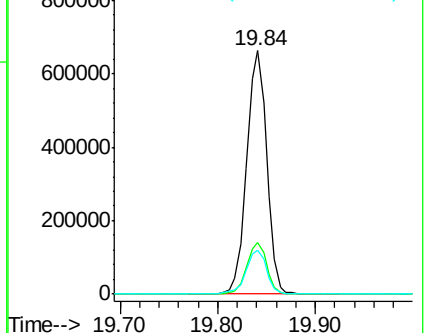
203 18.1 14.6 22.0

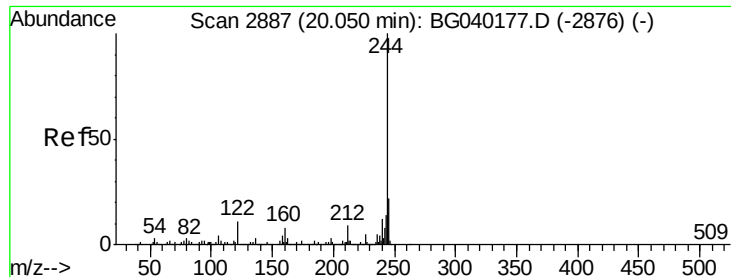


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.930 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Instrument :

BNA_G

ClientSampleId :

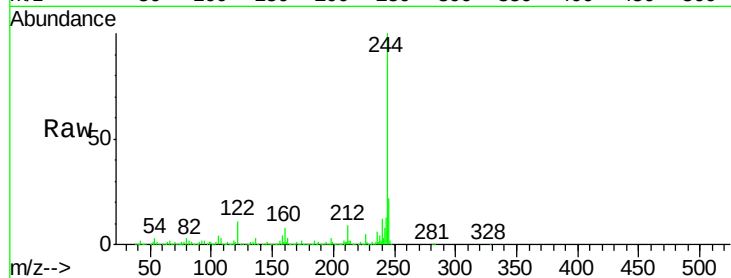
Tot Ion:244 Resp: 1376341

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

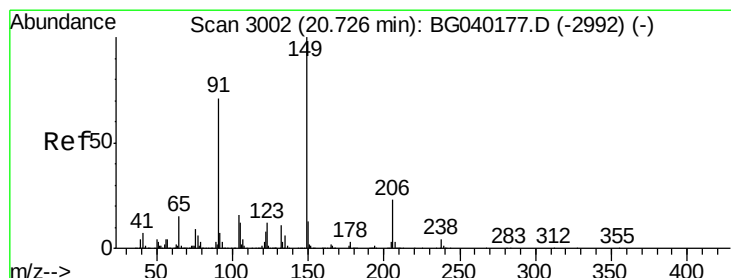
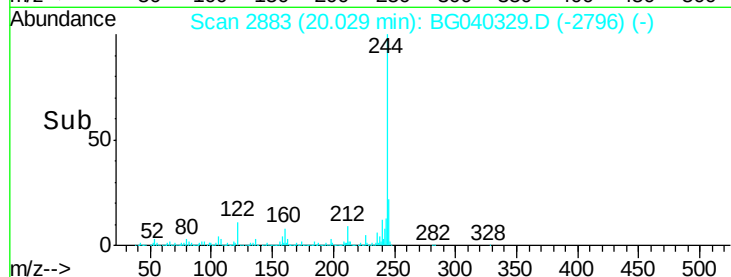
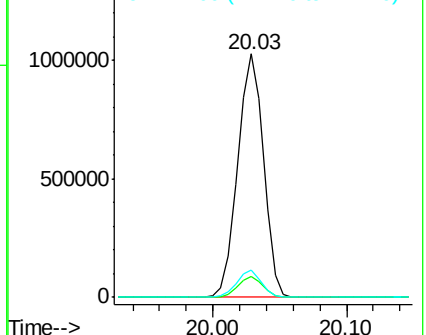
122 11.3 8.5 12.7



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: 42.180 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.02 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

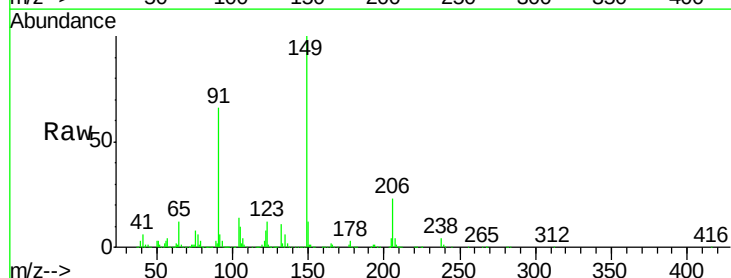
Tgt Ion:149 Resp: 437876

Ion Ratio Lower Upper

149 100

91 65.5 57.0 85.4

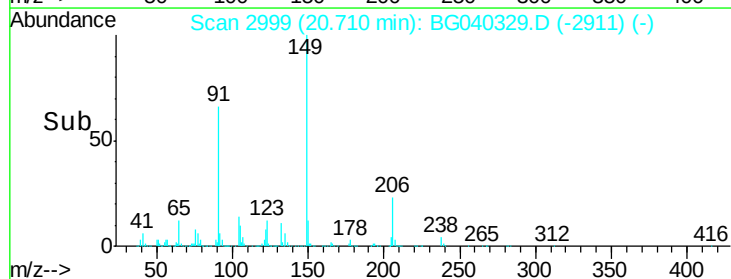
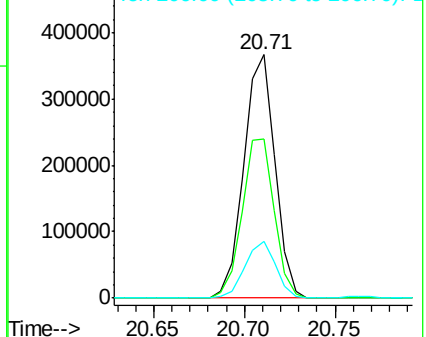
206 23.1 18.2 27.4

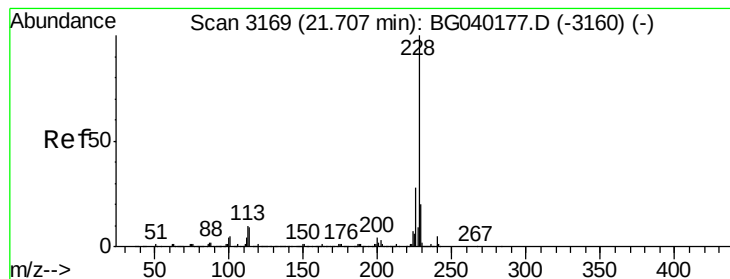


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.202 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Instrument :

BNA_G

ClientSampleId :

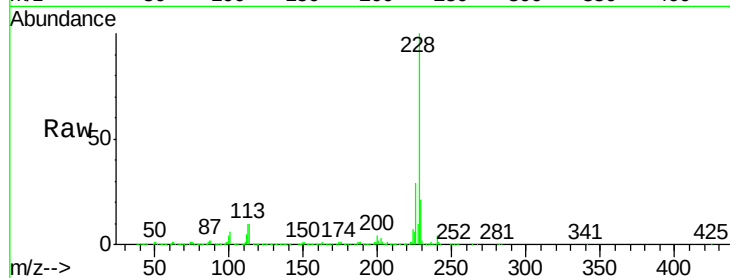
Tot Ion:228 Resp: 890783

Ion Ratio Lower Upper

228 100

226 28.9 22.6 34.0

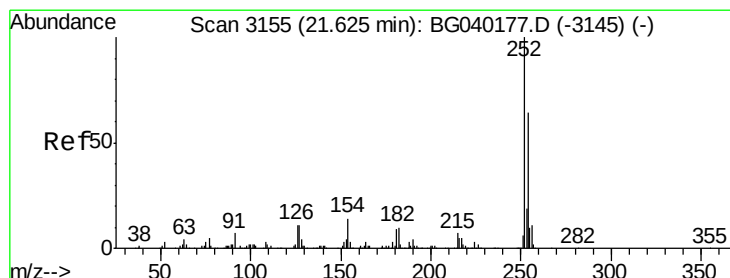
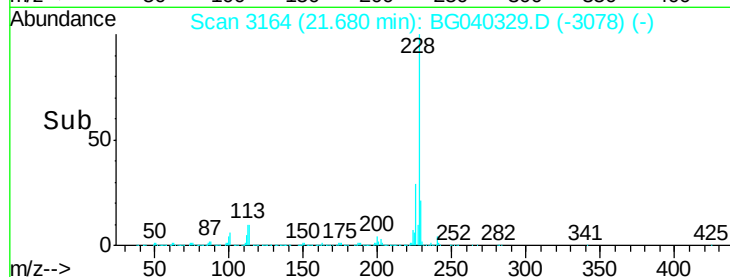
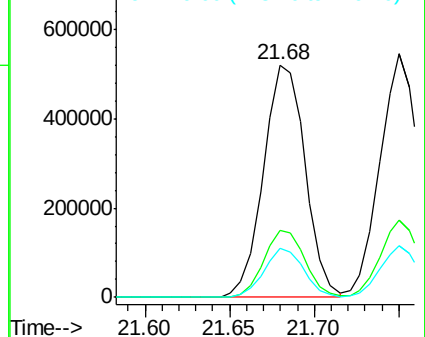
229 21.3 16.1 24.1



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: 23.390 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.03 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

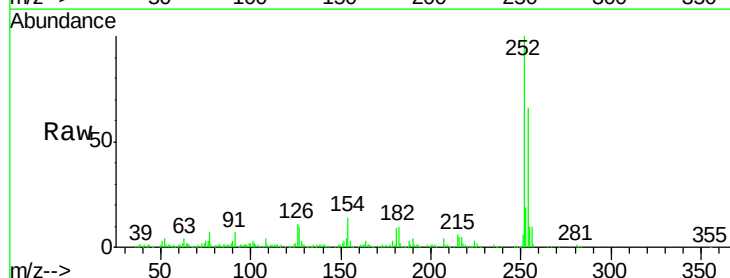
Tgt Ion:252 Resp: 202184

Ion Ratio Lower Upper

252 100

254 65.9 51.4 77.2

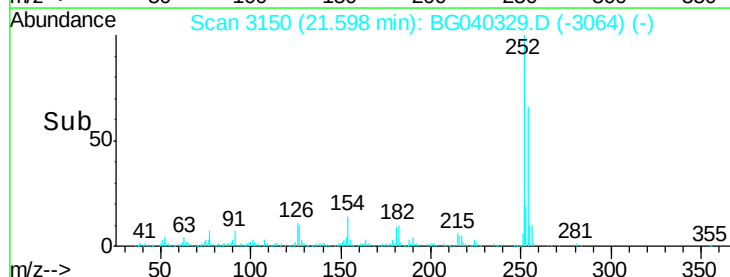
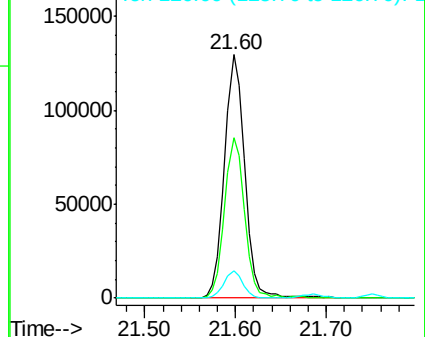
126 11.0 8.5 12.7

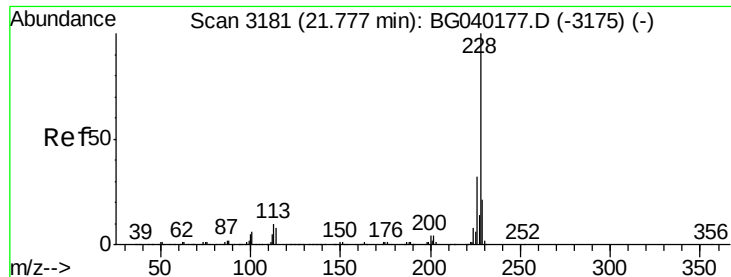


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

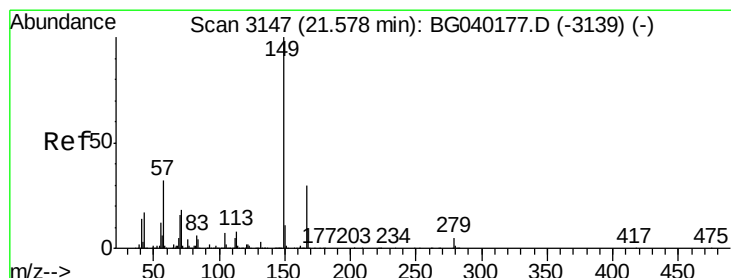
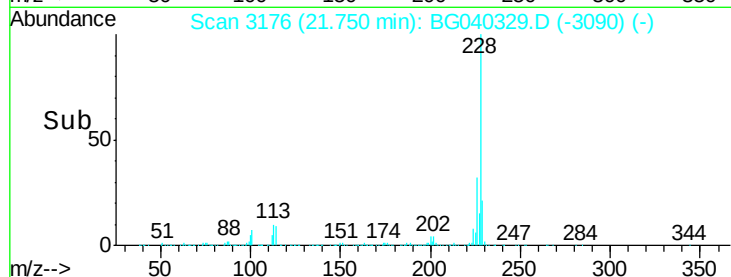
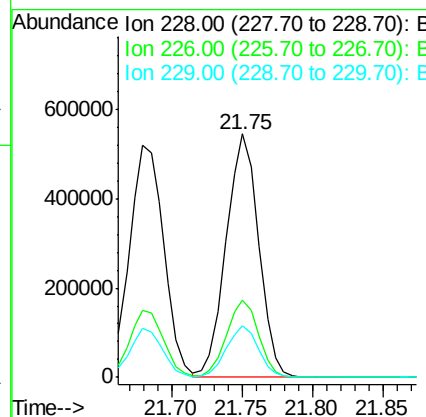
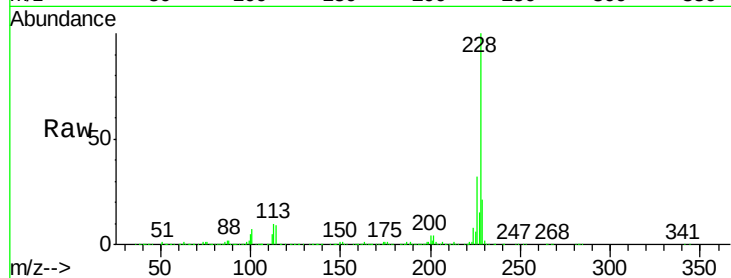




#83
 Chrysene
 Concen: 39.936 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.03 min
 Lab File: BG040329.D
 Acq: 3 Apr 2019 17:04

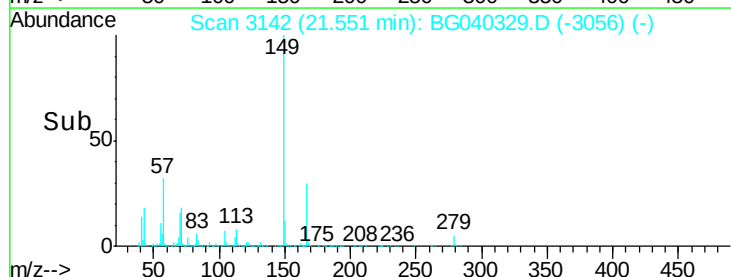
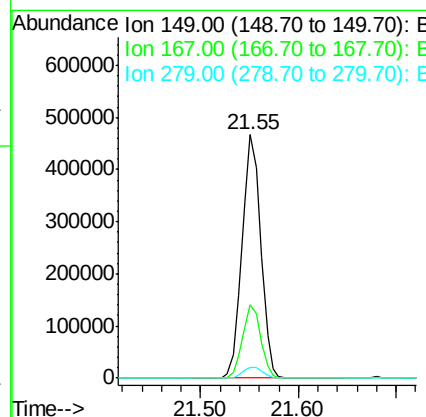
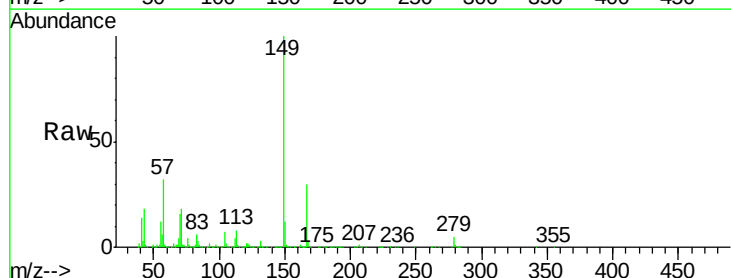
Instrument :
 BNA_G
 ClientSampleId :

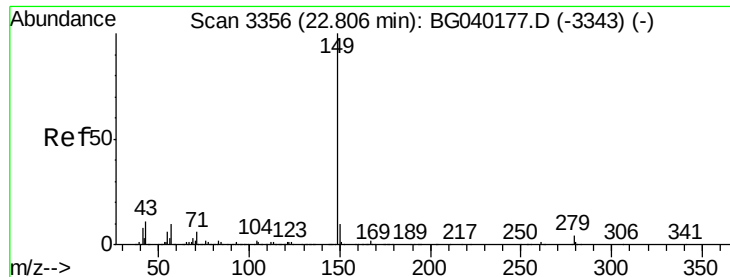
Tot Ion:228 Resp: 872122
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.4 38.0
 229 21.0 17.0 25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.888 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.03 min
 Lab File: BG040329.D
 Acq: 3 Apr 2019 17:04

Tgt Ion:149 Resp: 621611
 Ion Ratio Lower Upper
 149 100
 167 30.0 24.1 36.1
 279 4.5 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 41.759 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.03 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Instrument :

BNA_G

ClientSampleId :

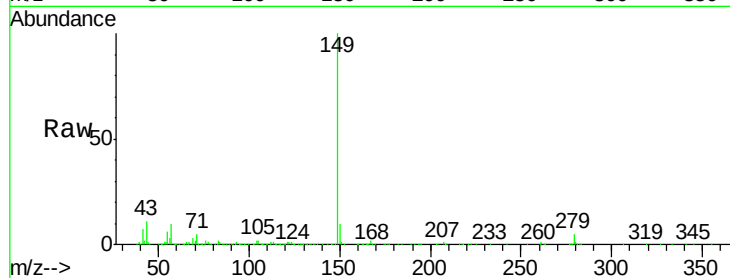
Tot Ion:149 Resp: 1055799

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 10.6 8.7 13.1

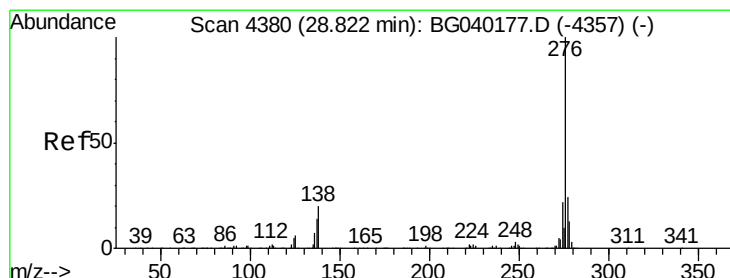
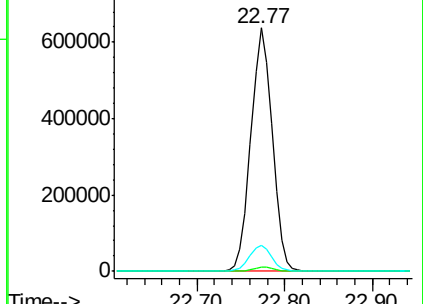
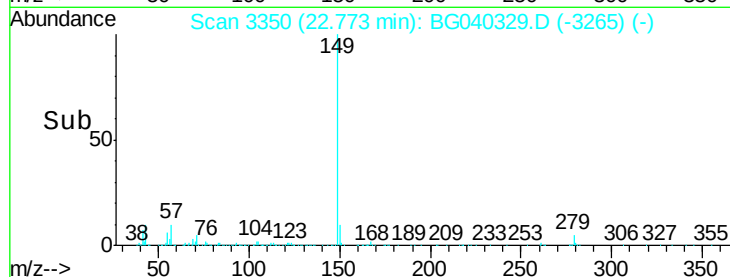


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

22.77



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.455 ng

RT: 28.75 min Scan# 4367

Delta R.T. -0.07 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

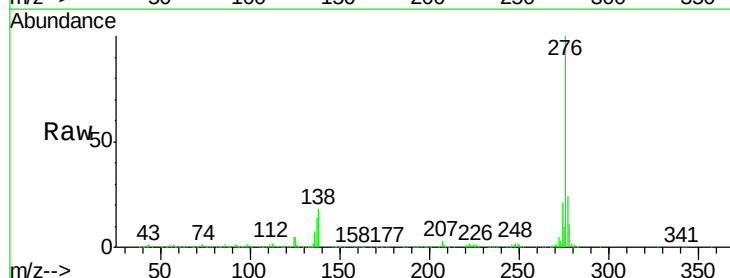
Tgt Ion:276 Resp: 1080540

Ion Ratio Lower Upper

276 100

138 15.6 18.8 28.2#

277 25.8 21.0 31.4

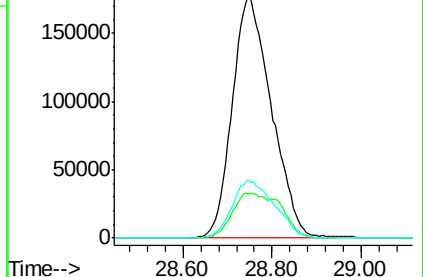
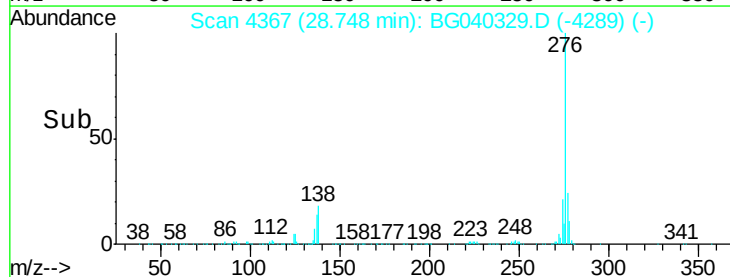


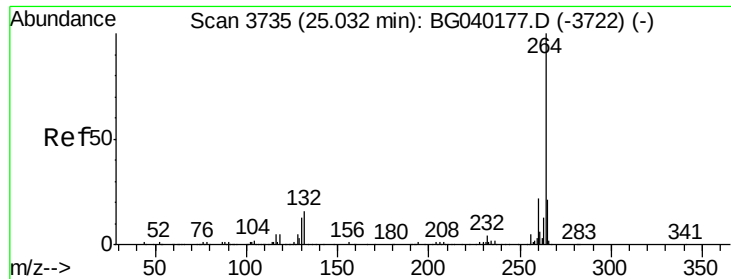
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.75





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3726

Delta R.T. -0.05 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Instrument :

BNA_G

ClientSampleId :

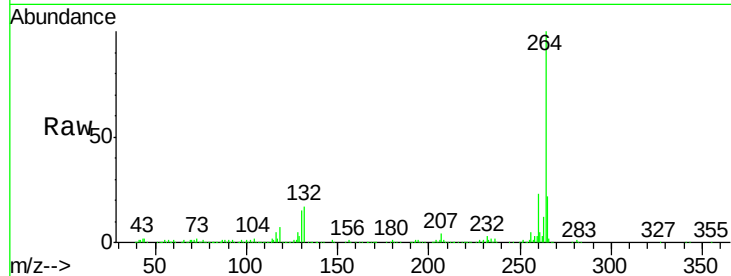
Tot Ion:264 Resp: 366787

Ion Ratio Lower Upper

264 100

260 23.4 17.9 26.9

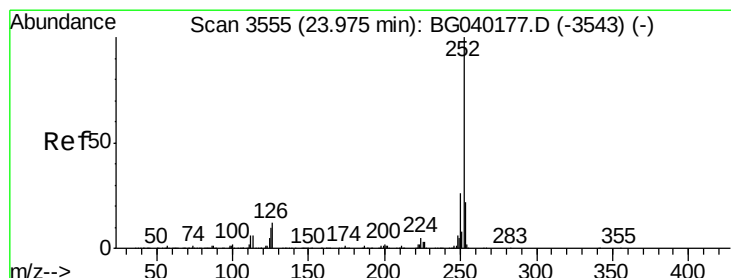
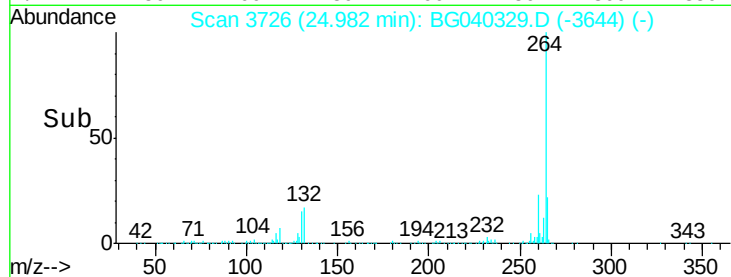
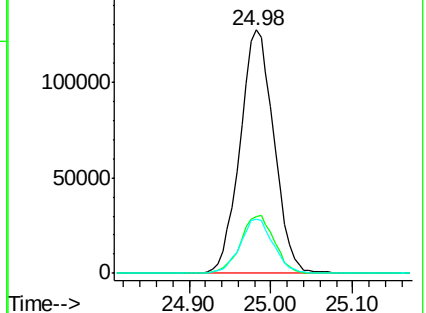
265 22.3 16.8 25.2



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: 43.010 ng

RT: 23.94 min Scan# 3548

Delta R.T. -0.04 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

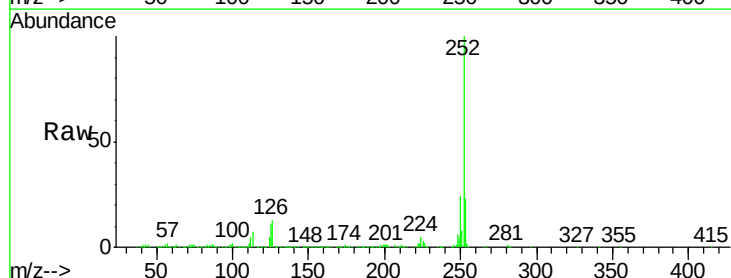
Tgt Ion:252 Resp: 965839

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

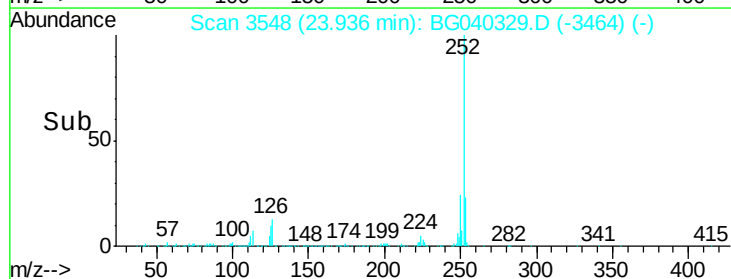
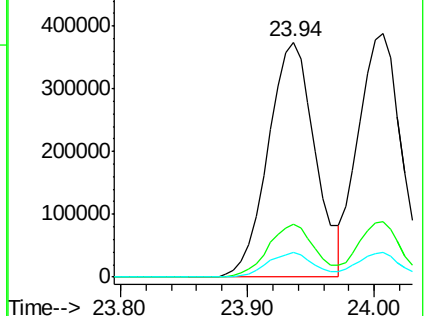
125 10.5 8.2 12.4

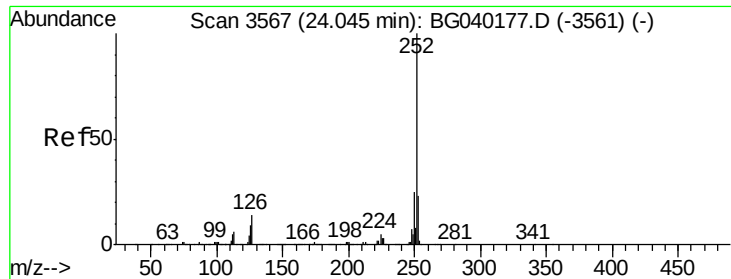


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

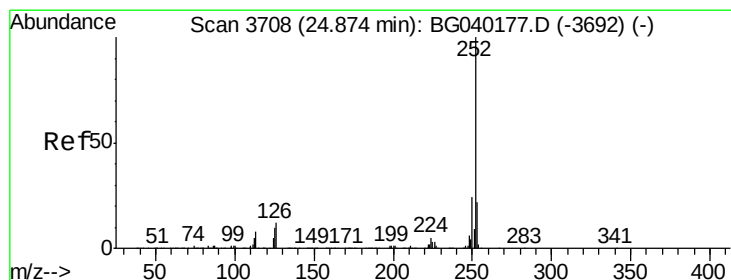
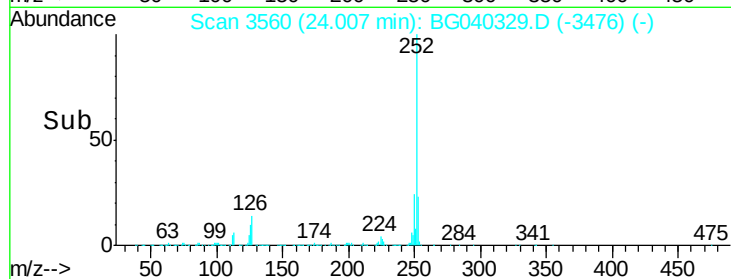
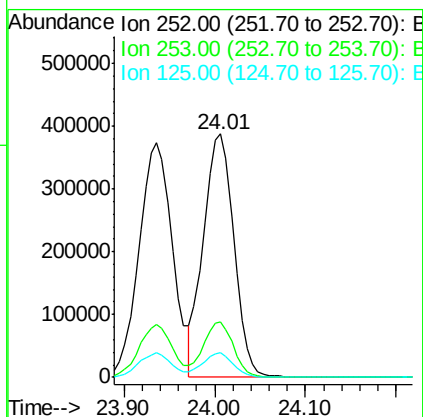
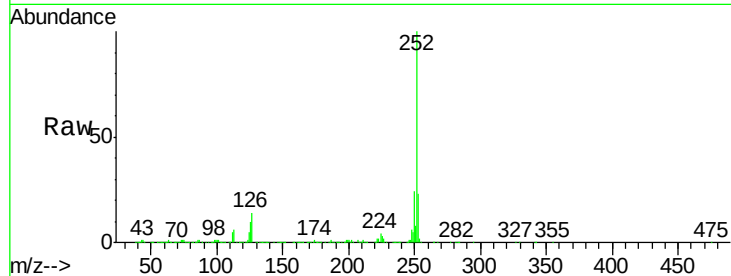




#89
Benzo(k)fluoranthene
Concen: 43.826 ng
RT: 24.01 min Scan# 3560
Delta R.T. -0.04 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

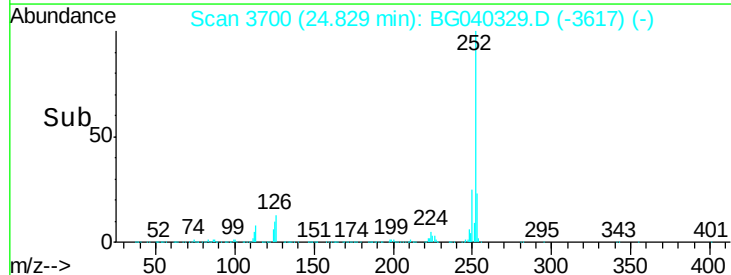
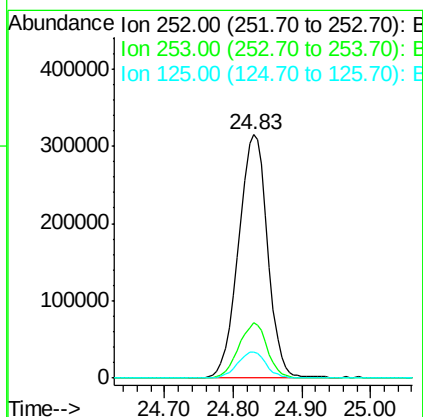
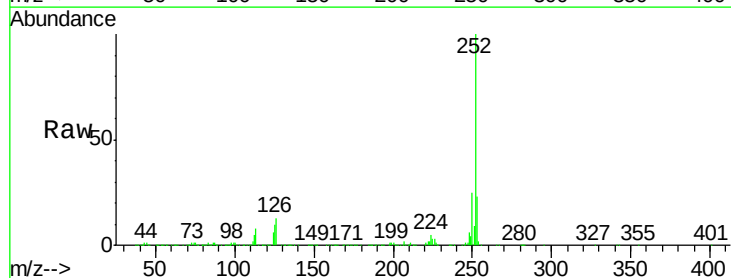
Instrument :
BNA_G
ClientSampleId :

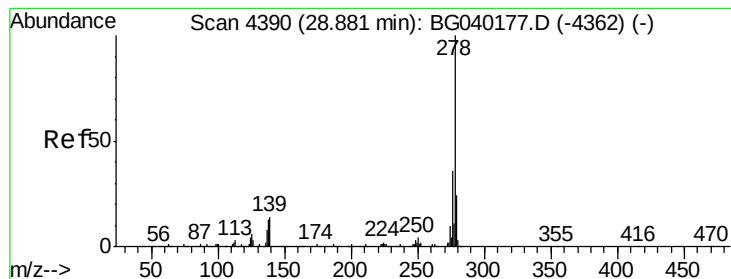
Tot Ion:252 Resp: 905038
Ion Ratio Lower Upper
252 100
253 22.6 18.6 28.0
125 9.9 7.3 10.9



#90
Benzo(a)pyrene
Concen: 44.015 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.04 min
Lab File: BG040329.D
Acq: 3 Apr 2019 17:04

Tgt Ion:252 Resp: 927378
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.4 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 45.235 ng

RT: 28.81 min Scan# 4378

Delta R.T. -0.07 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

Instrument :

BNA_G

ClientSampled :

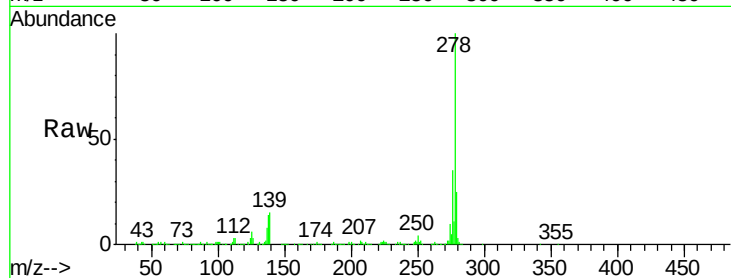
Tot Ion:278 Resp: 885180

Ion Ratio Lower Upper

278 100

139 14.6 11.2 16.8

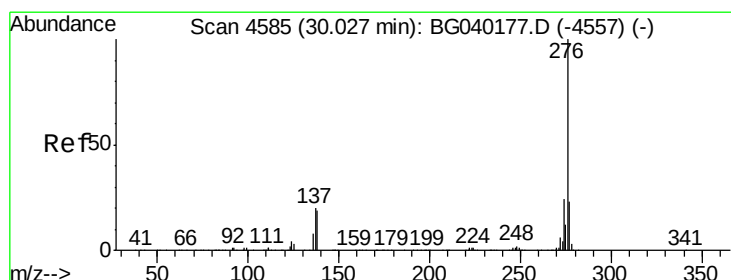
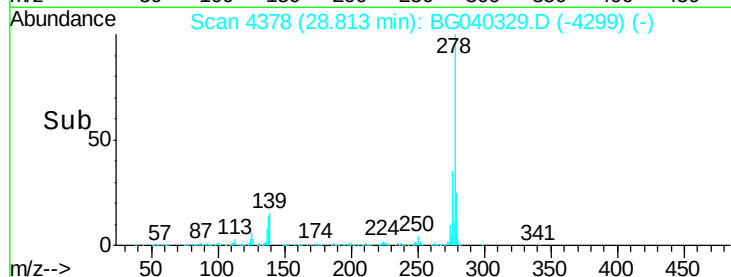
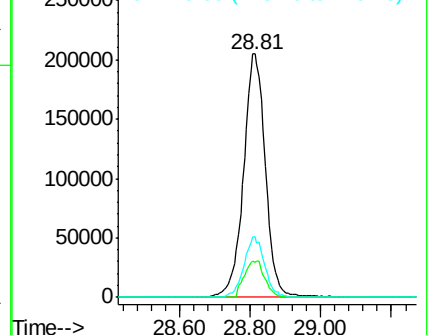
279 25.0 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.230 ng

RT: 29.93 min Scan# 4569

Delta R.T. -0.09 min

Lab File: BG040329.D

Acq: 3 Apr 2019 17:04

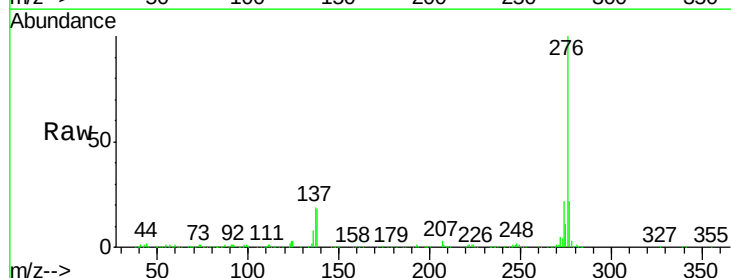
Tgt Ion:276 Resp: 909600

Ion Ratio Lower Upper

276 100

277 22.5 18.6 28.0

138 17.7 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

