

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041149.D
 Acq On : 9 Jun 2019 2:16
 Operator : HP/JU
 Sample : 8270PBBS1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 8270PBBS1

Quant Time: Jun 10 05:18:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	40494	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	165980	20.00	ng	-0.03
39) Acenaphthene-d10	14.74	164	126993	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	321222	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	319971	20.00	ng	-0.03
87) Perylene-d12	25.09	264	343427	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	338584	150.77	ng	-0.01
7) Phenol-d6	7.25	99	508119	146.51	ng	-0.01
23) Nitrobenzene-d5	9.29	82	339572	90.82	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	279822	148.42	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	826105	93.68	ng	-0.03
79) Terphenyl-d14	20.07	244	1462450	97.00	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	34796	34.146	ng	# 91
3) Pyridine	3.90	79	99974	33.156	ng	96
4) n-Nitrosodimethylamine	3.83	42	59078	42.216	ng	91
6) Aniline	7.43	93	64372	13.905	ng	97
8) 2-Chlorophenol	7.66	128	120210	44.901	ng	98
9) Benzaldehyde	7.24	77	41745	20.178	ng	84
10) Phenol	7.28	94	164654	44.279	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	108326	40.156	ng	99
12) 1,3-Dichlorobenzene	7.99	146	127293	39.809	ng	97
13) 1,4-Dichlorobenzene	8.14	146	131773	40.712	ng	95
14) 1,2-Dichlorobenzene	8.46	146	126684	40.311	ng	97
15) Benzyl Alcohol	8.35	79	137966	43.004	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.63	45	167595	38.020	ng	98
17) 2-Methylphenol	8.54	107	115388	42.856	ng	97
18) Hexachloroethane	9.19	117	49982	40.067	ng	98
19) n-Nitroso-di-n-propylamine	8.91	70	102416	38.373	ng	99
20) 3+4-Methylphenols	8.87	107	160806	43.117	ng	96
22) Acetophenone	8.93	105	203974	43.809	ng	# 98
24) Nitrobenzene	9.33	77	169425	44.466	ng	97
25) Isophorone	9.84	82	301809	42.417	ng	99
26) 2-Nitrophenol	10.04	139	76175	48.496	ng	# 93
27) 2,4-Dimethylphenol	10.08	122	128715	49.617	ng	91
28) bis(2-Chloroethoxy)methane	10.33	93	156691	40.802	ng	98
29) 2,4-Dichlorophenol	10.57	162	151210	45.900	ng	94
30) 1,2,4-Trichlorobenzene	10.78	180	161378	43.062	ng	96
31) Naphthalene	10.98	128	392273	44.018	ng	99
32) Benzoic acid	10.22	122	80536	41.293	ng	94
33) 4-Chloroaniline	11.09	127	46008	11.127	ng	96
34) Hexachlorobutadiene	11.24	225	113473	39.573	ng	95
35) Caprolactam	11.88	113	48000m	44.123	ng	
36) 4-Chloro-3-methylphenol	12.19	107	173793	46.193	ng	97
37) 2-Methylnaphthalene	12.58	142	306803	44.700	ng	98
38) 1-Methylnaphthalene	12.79	142	291223	45.027	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	225868	44.128	ng	99

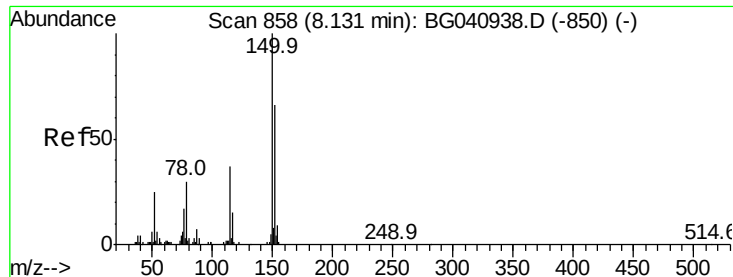
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041149.D
 Acq On : 9 Jun 2019 2:16
 Operator : HP/JU
 Sample : 8270PBBS1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 8270PBBS1

Quant Time: Jun 10 05:18:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	243662	87.677	ng	95
43) 2,4,6-Trichlorophenol	13.17	196	149347	45.103	ng	99
44) 2,4,5-Trichlorophenol	13.25	196	156968	44.949	ng	98
46) 1,1'-Biphenyl	13.58	154	422123	44.905	ng	98
47) 2-Chloronaphthalene	13.62	162	347942	43.116	ng	97
48) 2-Nitroaniline	13.83	65	126919	43.839	ng	97
49) Acenaphthylene	14.46	152	551677	45.421	ng	99
50) Dimethylphthalate	14.19	163	459614	42.755	ng	99
51) 2,6-Dinitrotoluene	14.32	165	105448	45.495	ng	96
52) Acenaphthene	14.80	154	327324	44.486	ng	97
53) 3-Nitroaniline	14.65	138	48735	21.027	ng	# 98
54) 2,4-Dinitrophenol	14.86	184	101546	82.804	ng	97
55) Dibenzofuran	15.13	168	558015	45.071	ng	99
56) 4-Nitrophenol	14.95	139	157078	98.807	ng	93
57) 2,4-Dinitrotoluene	15.10	165	151024	46.127	ng	100
58) Fluorene	15.78	166	444850	45.118	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	165565	48.243	ng	98
60) Diethylphthalate	15.54	149	471791	43.005	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	280537	43.774	ng	97
62) 4-Nitroaniline	15.81	138	102452	41.754	ng	94
63) Azobenzene	16.06	77	445062	44.635	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	82362	47.876	ng	99
66) n-Nitrosodiphenylamine	15.98	169	409017	45.296	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	184092	42.466	ng	96
68) Hexachlorobenzene	16.78	284	192622	41.728	ng	99
69) Atrazine	16.92	200	173824	49.889	ng	99
70) Pentachlorophenol	17.12	266	211567	85.260	ng	95
71) Phenanthrene	17.52	178	762738	45.586	ng	98
72) Anthracene	17.62	178	782740	47.432	ng	99
73) Carbazole	17.89	167	672550	47.498	ng	99
74) Di-n-butylphthalate	18.42	149	795390	45.196	ng	99
75) Fluoranthene	19.53	202	986327	47.725	ng	99
77) Benzidine	19.71	184	144586	18.942	ng	97
78) Pyrene	19.89	202	987730	47.486	ng	99
80) Butylbenzylphthalate	20.76	149	372735	46.048	ng	96
81) Benzo(a)anthracene	21.74	228	948057	44.511	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	144989	19.354	ng	99
83) Chrysene	21.81	228	929312	45.594	ng	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	503829	44.216	ng	98
85) Di-n-octyl phthalate	22.85	149	866324	45.650	ng	99
86) Indeno(1,2,3-cd)pyrene	28.91	276	1102586	44.160	ng	99
88) Benzo(b)fluoranthene	24.02	252	968309	46.486	ng	99
89) Benzo(k)fluoranthene	24.09	252	926280	44.937	ng	98
90) Benzo(a)pyrene	24.93	252	942244	47.413	ng	96
91) Dibenzo(a,h)anthracene	28.97	278	926109	46.637	ng	99
92) Benzo(g,h,i)perylene	30.11	276	889550	46.109	ng	99

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

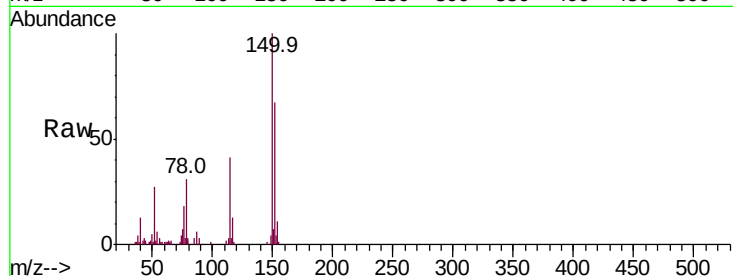


#1

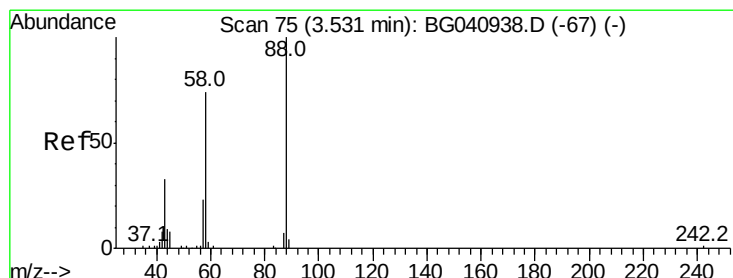
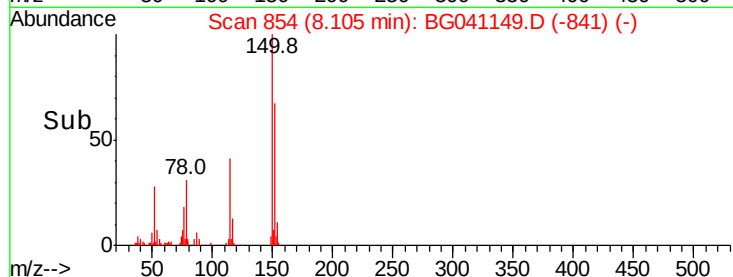
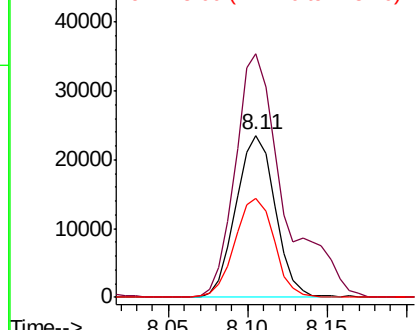
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.03 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Instrument :
BNA_G
ClientSampleId :
8270PBBS1

Tot Ion:152 Resp: 40494
Ion Ratio Lower Upper
152 100
150 150.0 120.6 180.8
115 60.8 45.1 67.7



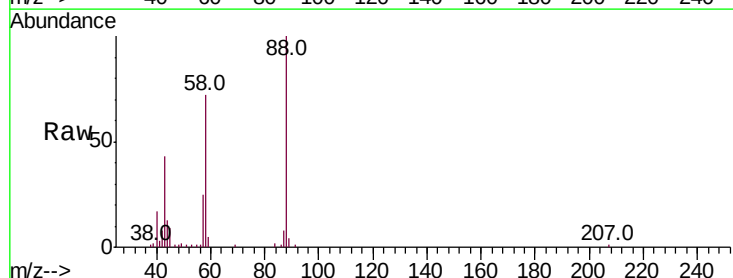
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



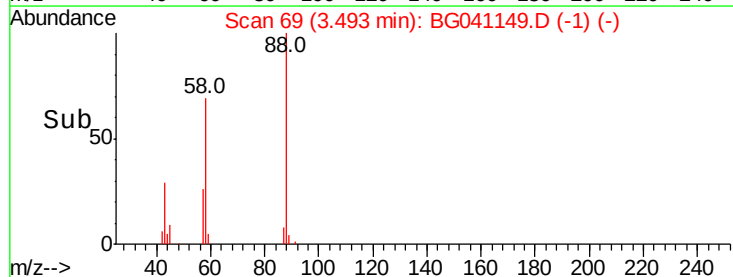
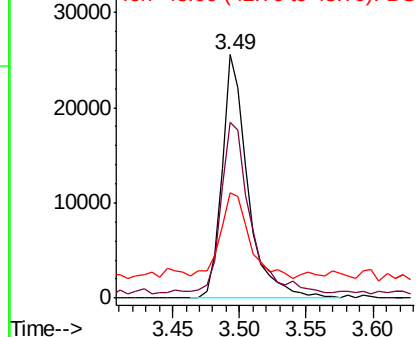
#2

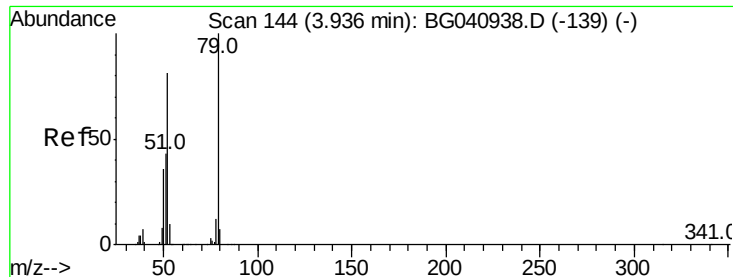
1,4-Dioxane
Concen: 34.146 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.04 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Tgt Ion: 88 Resp: 34796
Ion Ratio Lower Upper
88 100
58 79.6 59.0 88.6
43 41.1 27.2 40.8#



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: 33.156 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.03 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

Instrument :

BNA_G

ClientSampleId :

8270PBBS1

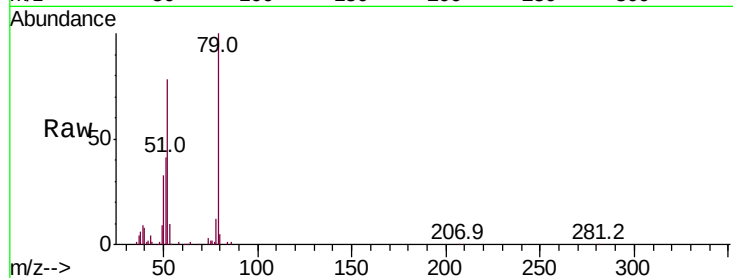
Tot Ion: 79 Resp: 99974

Ion Ratio Lower Upper

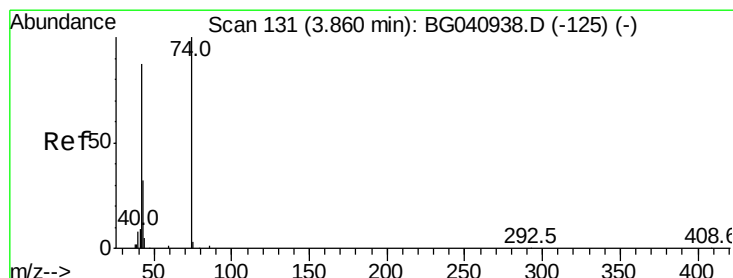
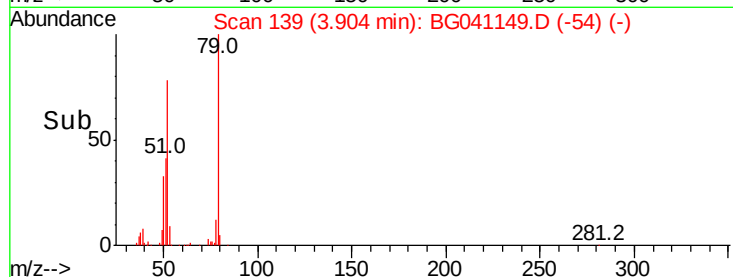
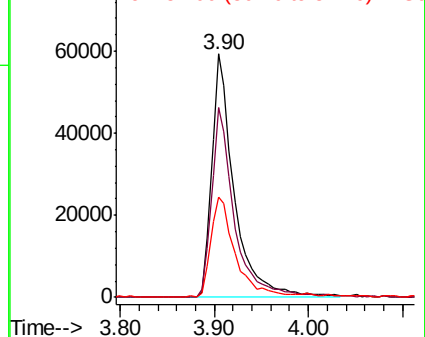
79 100

52 78.0 64.8 97.2

51 41.4 35.3 52.9



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



#4

n-Nitrosodimethylamine

Concen: 42.216 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.03 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

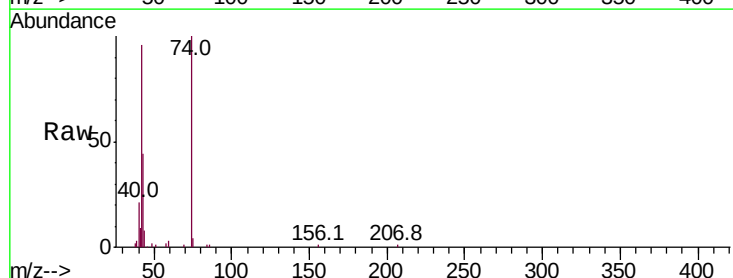
Tgt Ion: 42 Resp: 59078

Ion Ratio Lower Upper

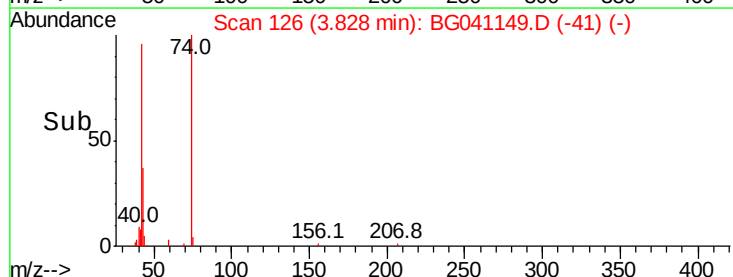
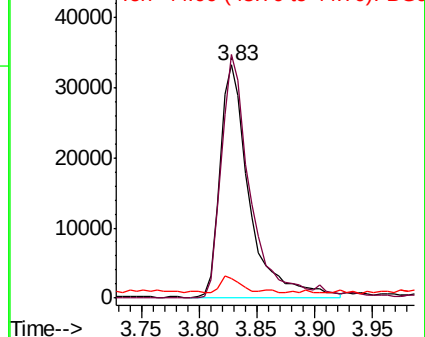
42 100

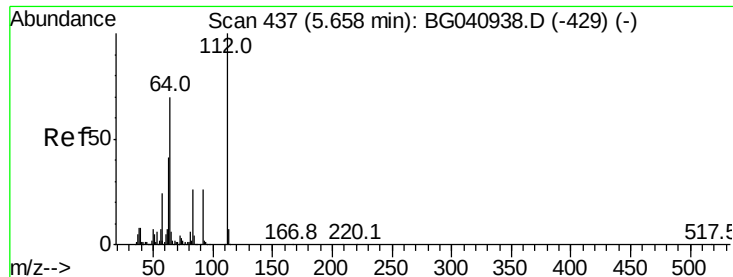
74 104.4 91.8 137.6

44 8.4 6.0 9.0



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





#5

2-Fluorophenol

Concen: 150.773 ng

RT: 5.64 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

Instrument :

BNA_G

ClientSampleId :

8270PBBS1

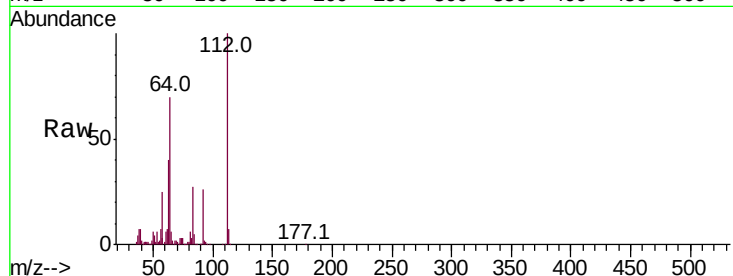
Tot Ion:112 Resp: 338584

Ion Ratio Lower Upper

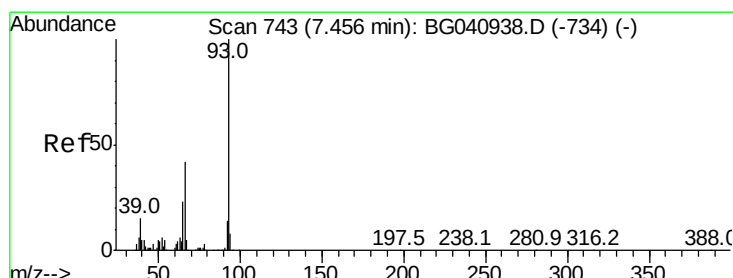
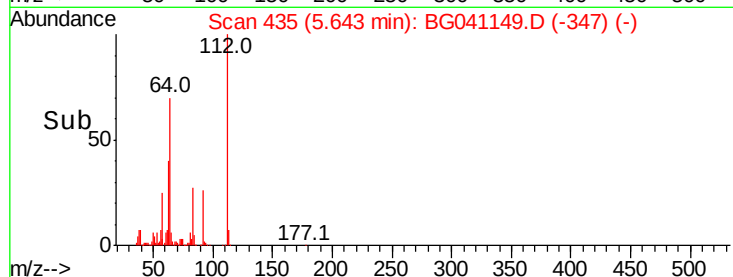
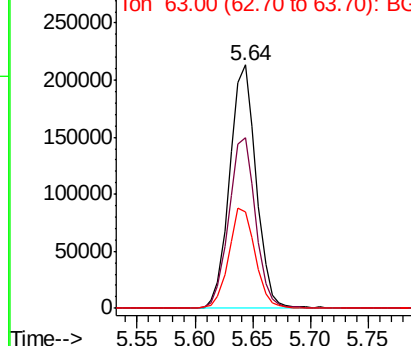
112 100

64 70.3 56.2 84.2

63 39.7 32.8 49.2



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



#6

Aniline

Concen: 13.905 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.03 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

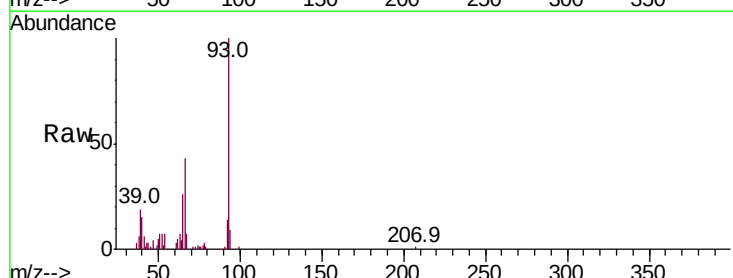
Tgt Ion: 93 Resp: 64372

Ion Ratio Lower Upper

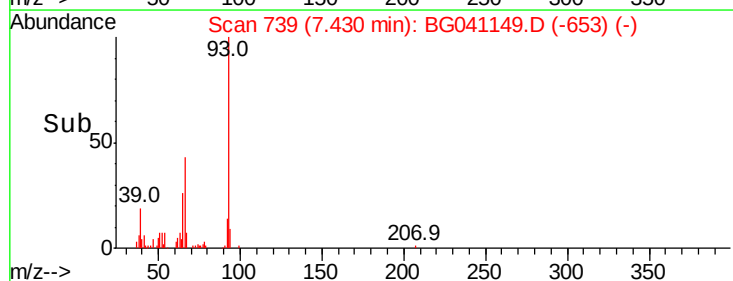
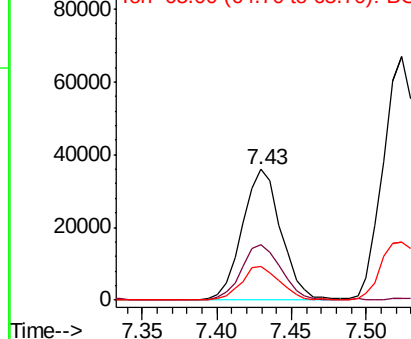
93 100

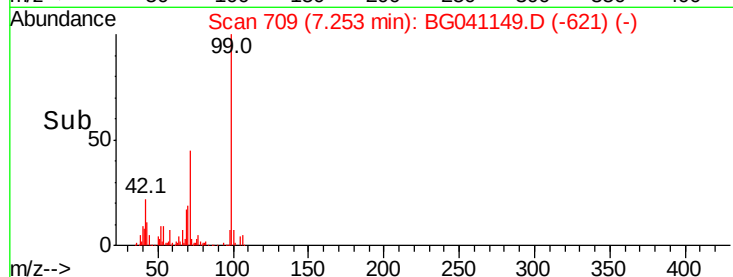
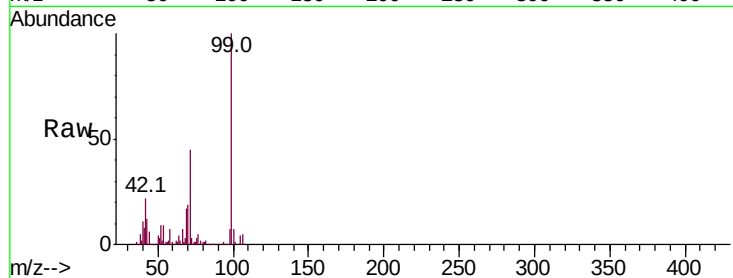
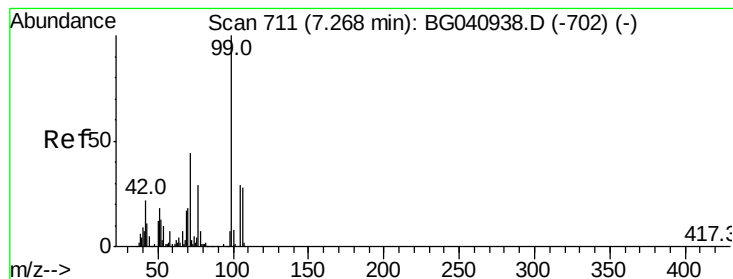
66 42.8 33.8 50.8

65 25.7 18.3 27.5



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: 146.509 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

Instrument :

BNA_G

ClientSampleId :

8270PBBS1

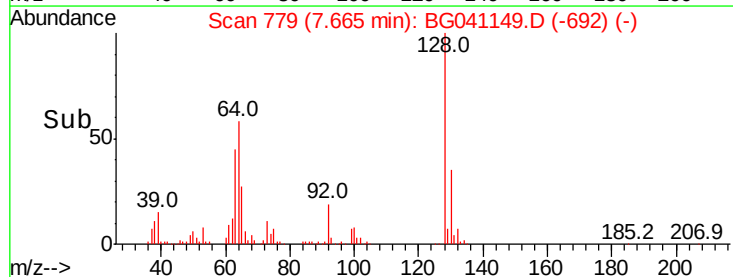
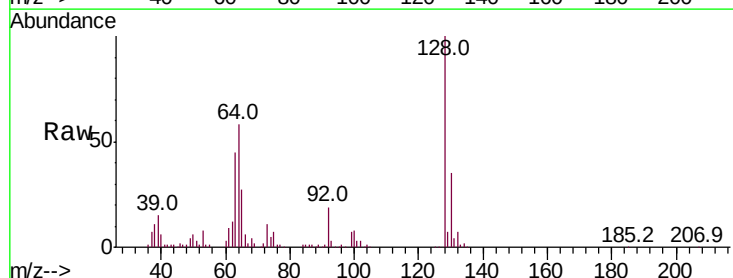
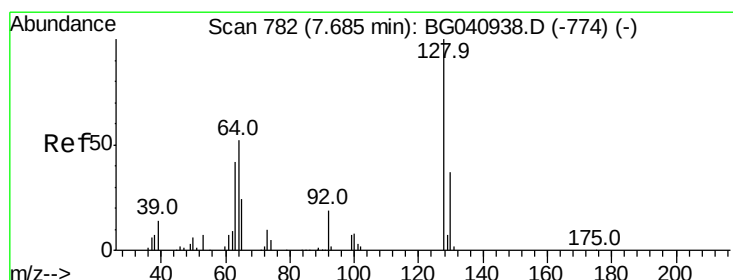
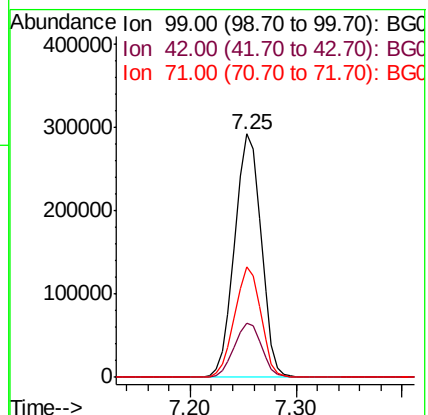
Tot Ion: 99 Resp: 508119

Ion Ratio Lower Upper

99 100

42 22.2 17.9 26.9

71 45.4 35.4 53.0



#8

2-Chlorophenol

Concen: 44.901 ng

RT: 7.66 min Scan# 779

Delta R.T. -0.02 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

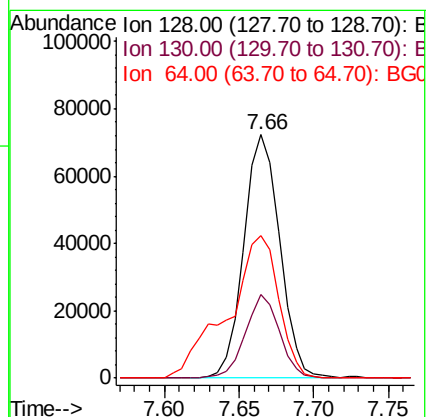
Tgt Ion:128 Resp: 120210

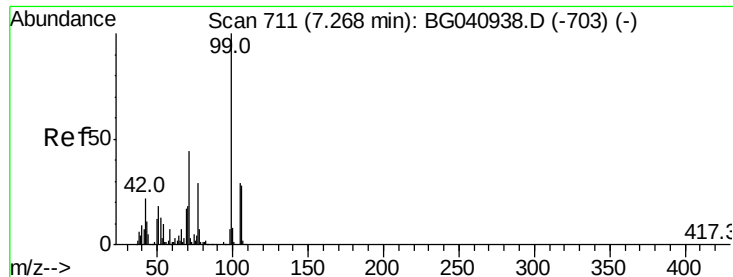
Ion Ratio Lower Upper

128 100

130 34.5 16.6 56.6

64 58.4 37.8 77.8





#9

Benzaldehyde

Concen: 20.178 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.03 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

Instrument :

BNA_G

ClientSampleId :

8270PBBS1

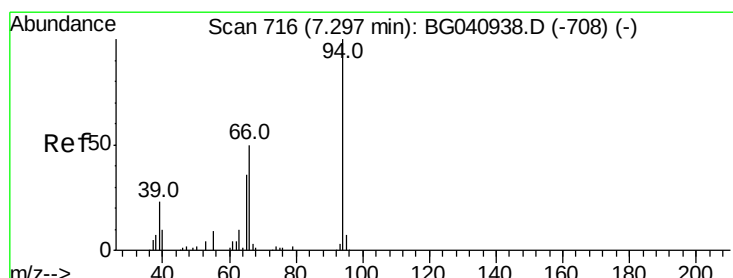
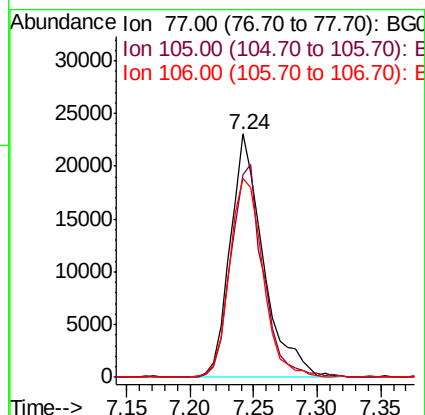
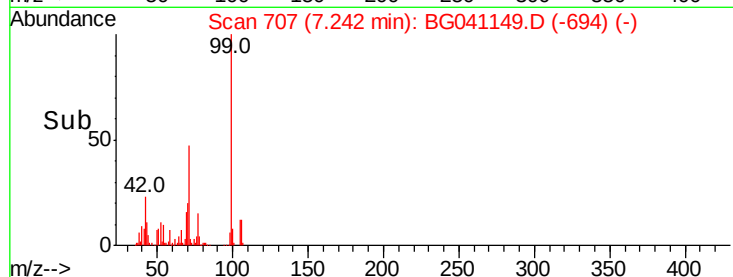
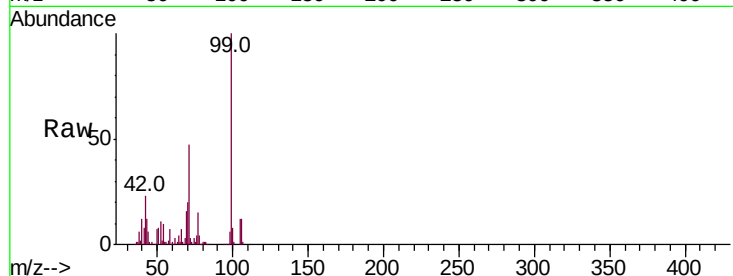
Tot Ion: 77 Resp: 41745

Ion Ratio Lower Upper

77 100

105 83.2 78.9 118.9

106 81.7 76.7 116.7



#10

Phenol

Concen: 44.279 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

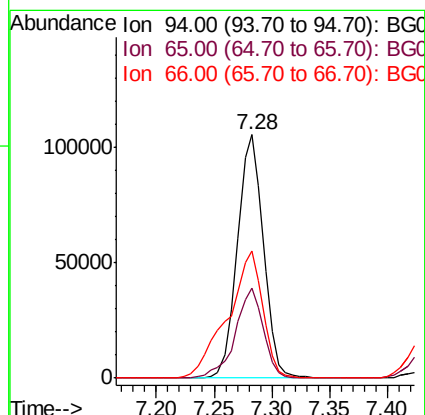
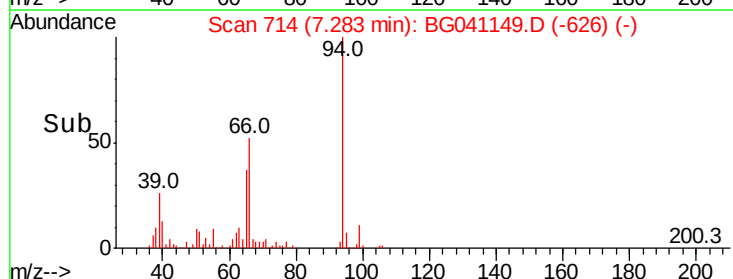
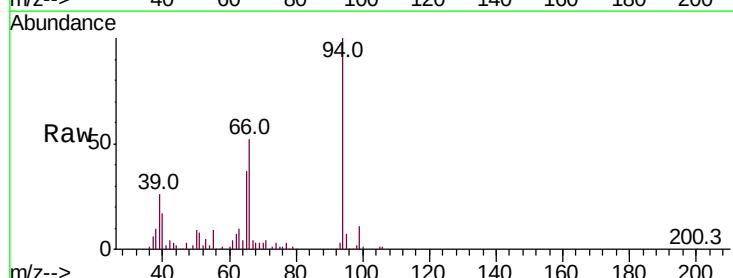
Tgt Ion: 94 Resp: 164654

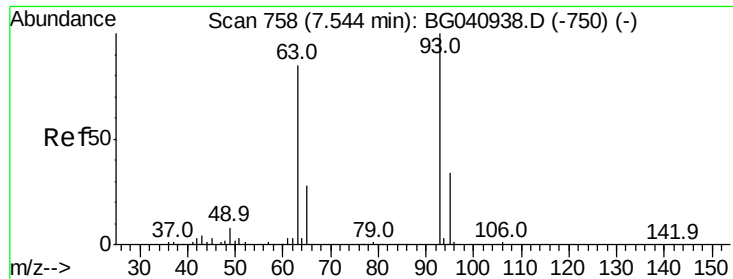
Ion Ratio Lower Upper

94 100

65 36.7 17.0 57.0

66 52.0 32.4 72.4

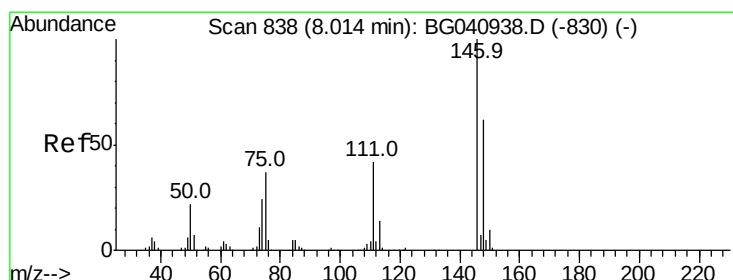
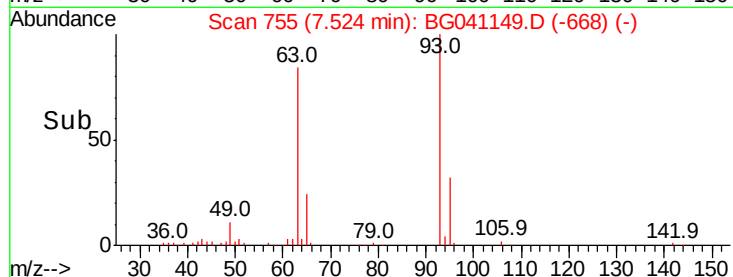
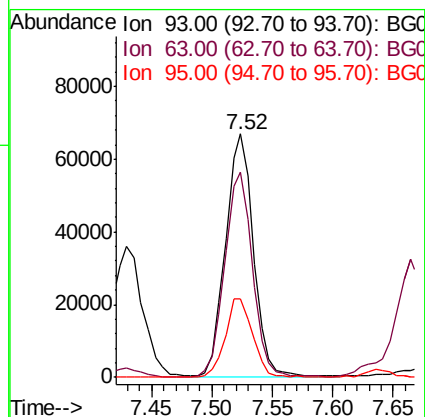
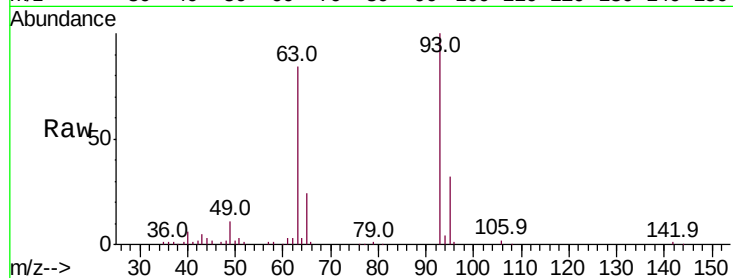




#11
bis(2-Chloroethyl)ether
Concen: 40.156 ng
RT: 7.52 min Scan# 755
Delta R.T. -0.02 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

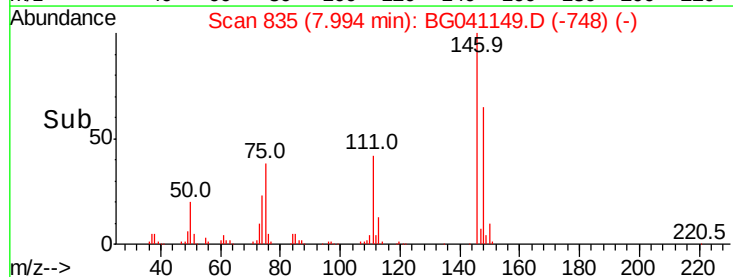
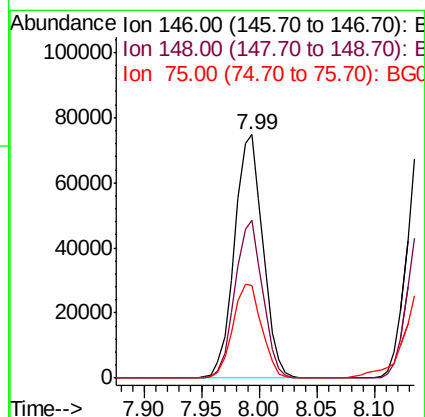
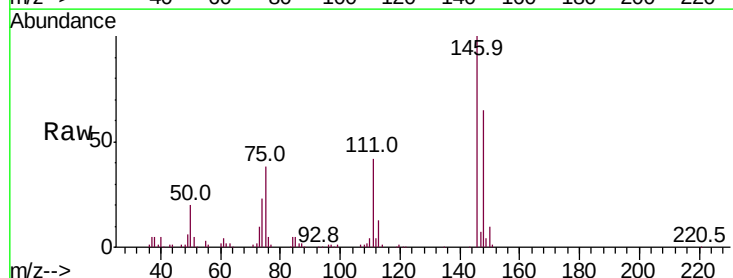
Instrument :
BNA_G
ClientSampleId :
8270PBBS1

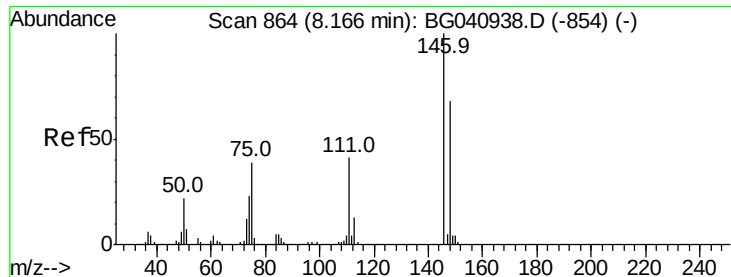
Tot Ion: 93 Resp: 108326
Ion Ratio Lower Upper
93 100
63 84.1 64.5 104.5
95 32.1 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 39.809 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.02 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Tgt Ion: 146 Resp: 127293
Ion Ratio Lower Upper
146 100
148 64.6 49.2 73.8
75 38.1 29.4 44.0

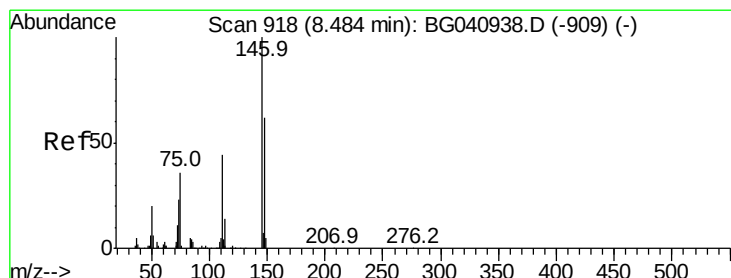
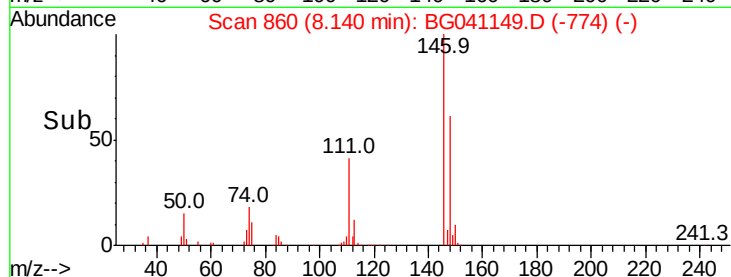
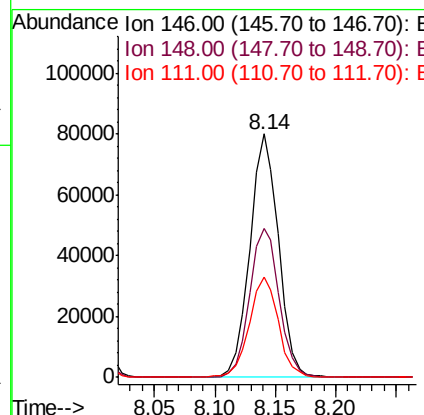
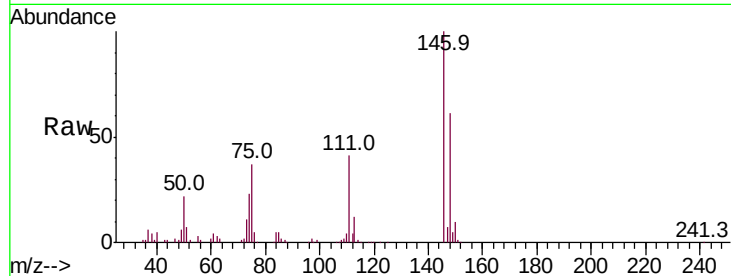




#13
 1,4-Dichlorobenzene
 Concen: 40.712 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.03 min
 Lab File: BG041149.D
 Acq: 9 Jun 2019 2:16

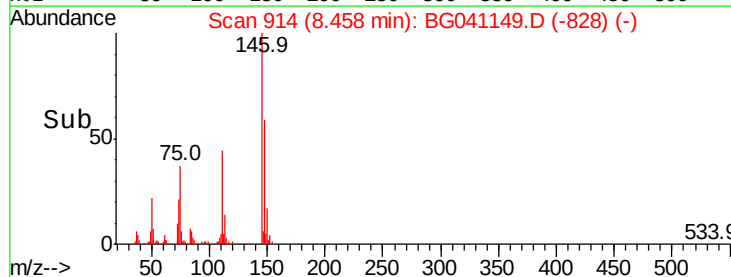
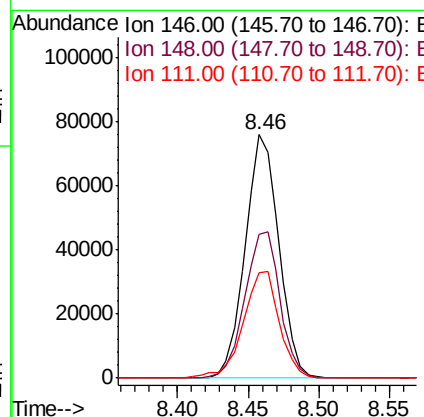
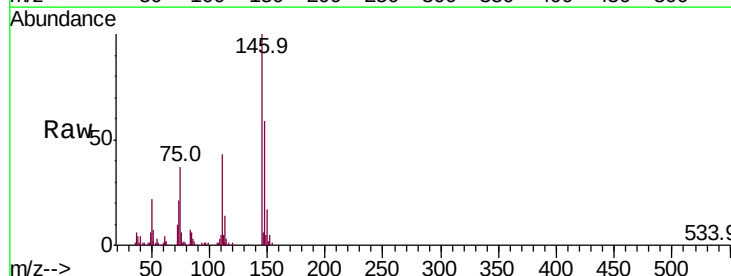
Instrument :
 BNA_G
 ClientSampleId :
 8270PBBS1

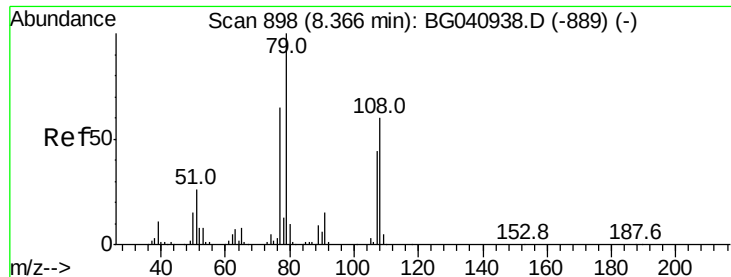
Tot Ion:146 Resp: 131773
 Ion Ratio Lower Upper
 146 100
 148 61.2 54.2 81.4
 111 41.4 32.9 49.3



#14
 1,2-Dichlorobenzene
 Concen: 40.311 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.03 min
 Lab File: BG041149.D
 Acq: 9 Jun 2019 2:16

Tgt Ion:146 Resp: 126684
 Ion Ratio Lower Upper
 146 100
 148 59.0 49.8 74.6
 111 43.4 35.0 52.4





#15

Benzyl Alcohol

Concen: 43.004 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.02 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

Instrument :

BNA_G

ClientSampleId :

8270PBBS1

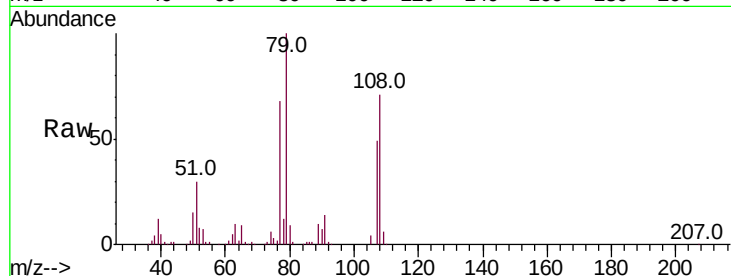
Tot Ion: 79 Resp: 137966

Ion Ratio Lower Upper

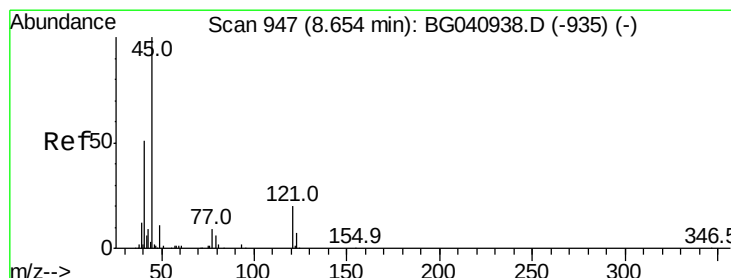
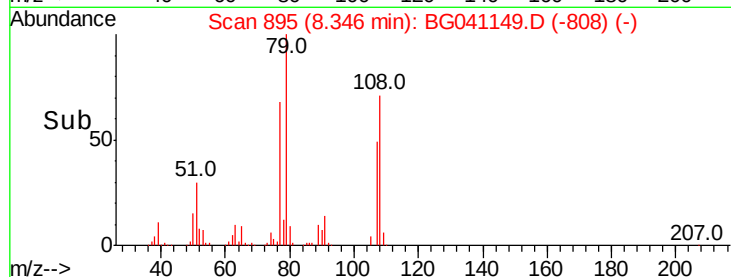
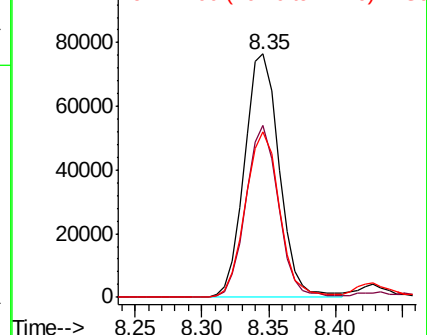
79 100

108 70.5 48.3 72.5

77 68.1 52.3 78.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.020 ng

RT: 8.63 min Scan# 943

Delta R.T. -0.03 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

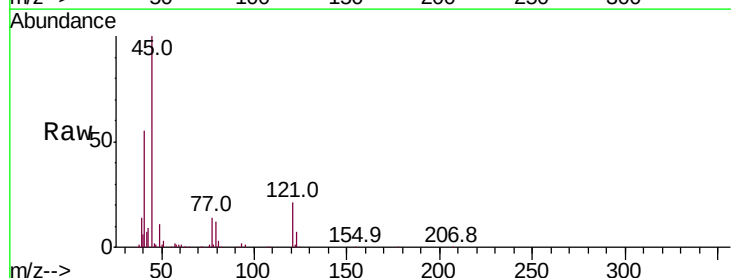
Tgt Ion: 45 Resp: 167595

Ion Ratio Lower Upper

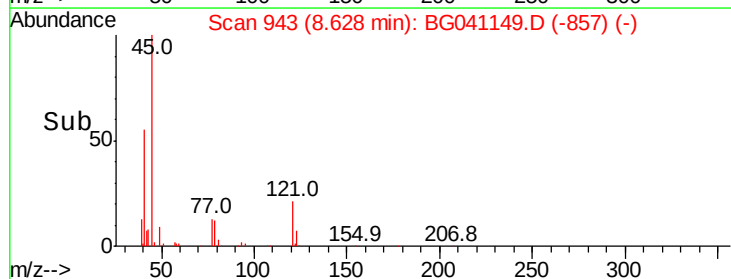
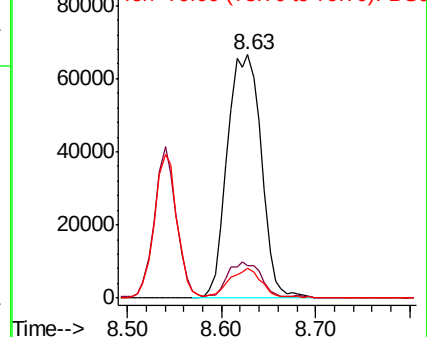
45 100

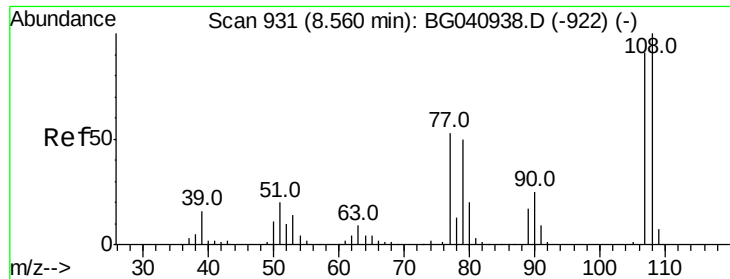
77 13.5 0.0 33.7

79 12.1 0.0 30.2



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

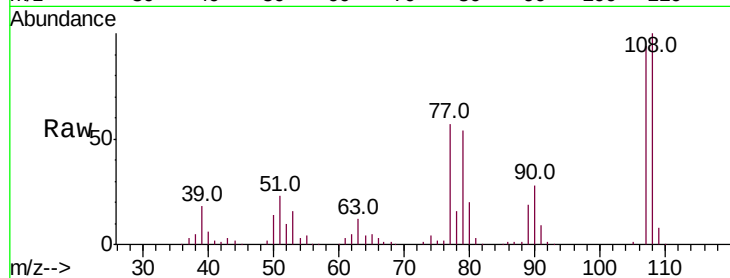




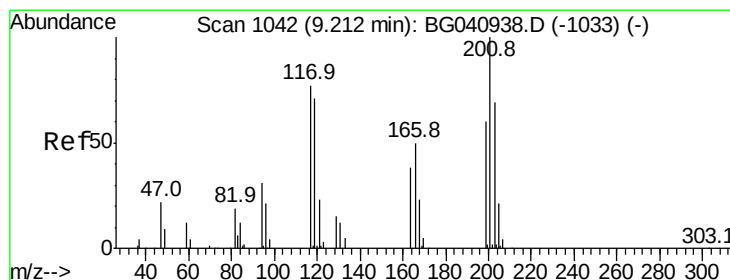
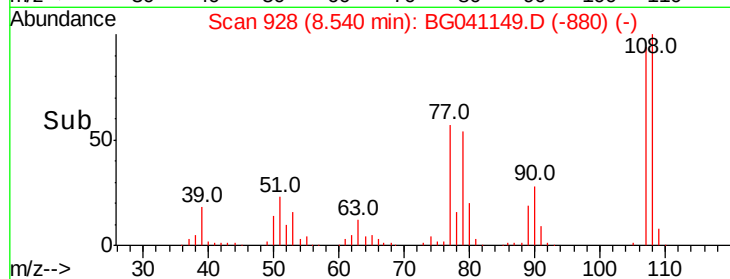
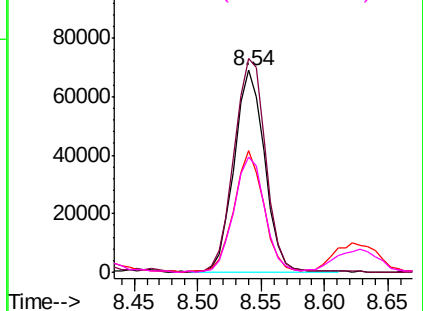
#17
2-Methylphenol
Concen: 42.856 ng
RT: 8.54 min Scan# 928
Delta R.T. -0.02 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Instrument :
BNA_G
ClientSampled :
8270PBBS1

Tot Ion:	107	Resp:	115388
Ion	Ratio	Lower	Upper
107	100		
108	105.9	87.7	131.5
77	60.2	46.6	70.0
79	57.0	44.6	66.8

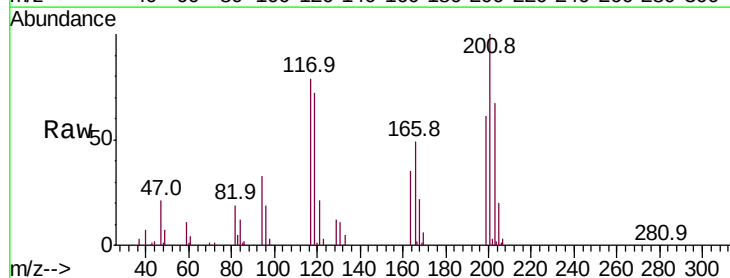


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

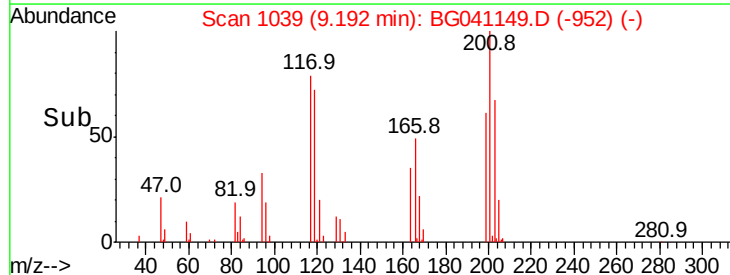
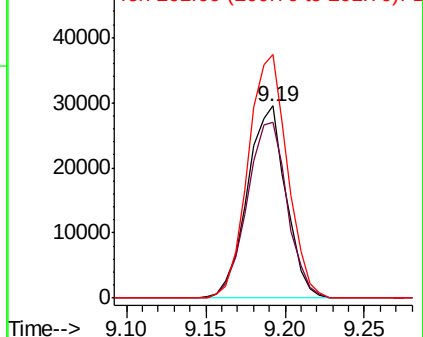


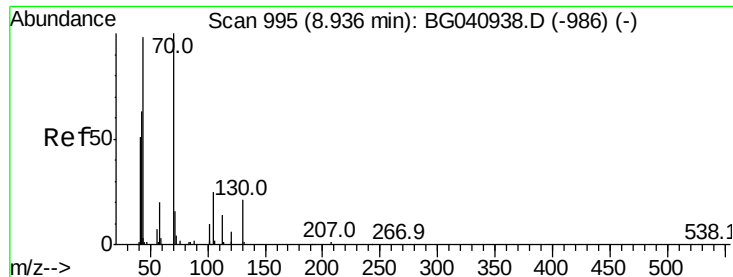
#18
Hexachloroethane
Concen: 40.067 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Tgt Ion:	117	Resp:	49982
Ion	Ratio	Lower	Upper
117	100		
119	91.4	75.0	112.6
201	126.9	103.5	155.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

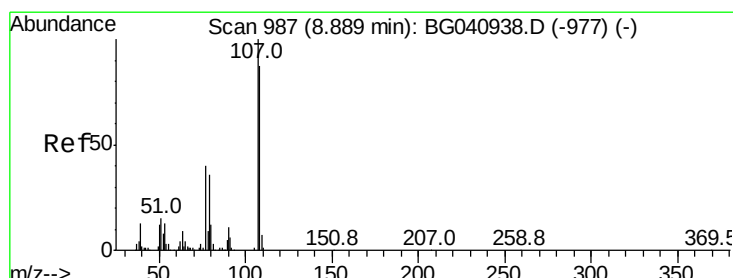
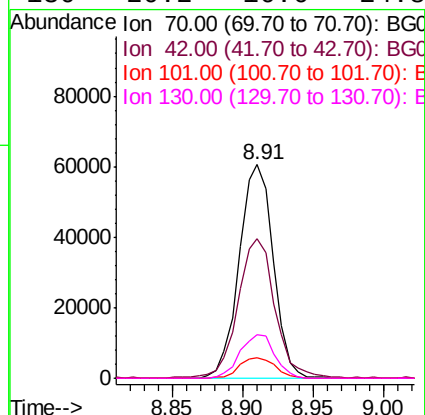
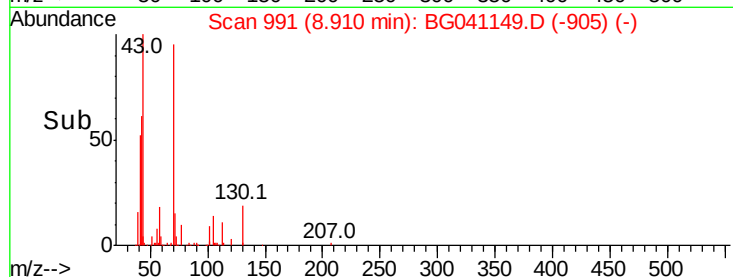
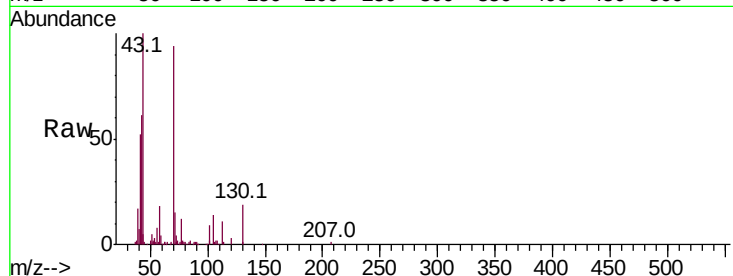




#19
n-Nitroso-di-n-propylamine
Concen: 38.373 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

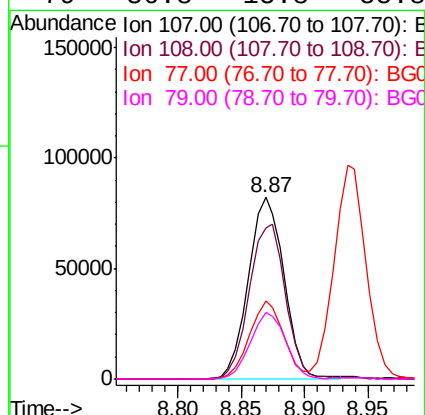
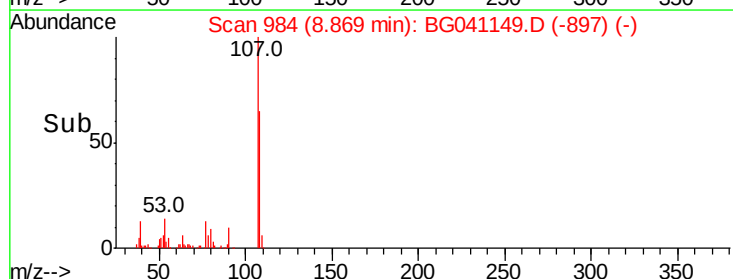
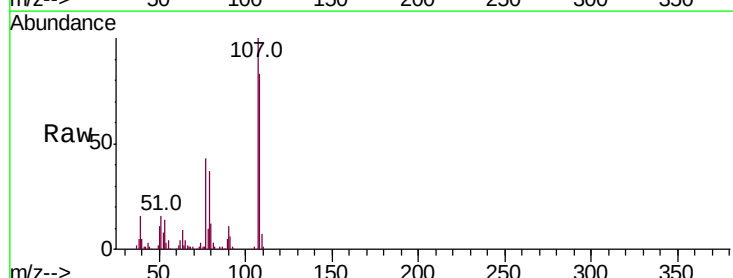
Instrument :
BNA_G
ClientSampleId :
8270PBBS1

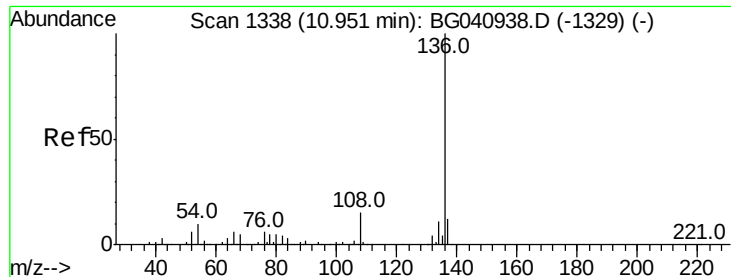
Tot Ion:	70	Resp:	102416
Ion	Ratio	Lower	Upper
70	100		
42	65.1	51.5	77.3
101	9.5	8.1	12.1
130	20.2	16.6	24.8



#20
3+4-Methylphenols
Concen: 43.117 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Tgt Ion:	107	Resp:	160806
Ion	Ratio	Lower	Upper
107	100		
108	83.1	66.8	106.8
77	43.4	20.5	60.5
79	36.8	15.8	55.8

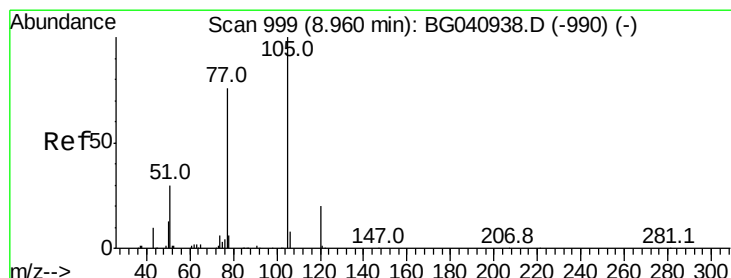
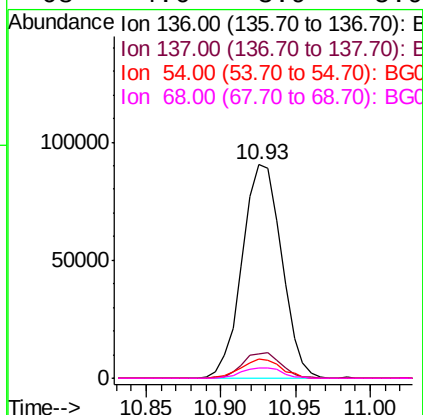
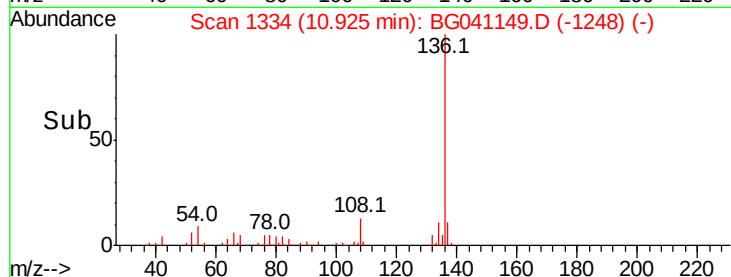
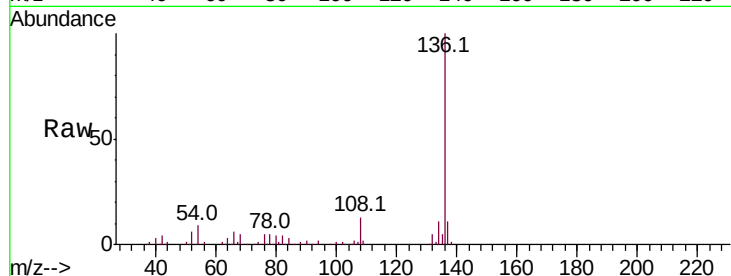




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.03 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

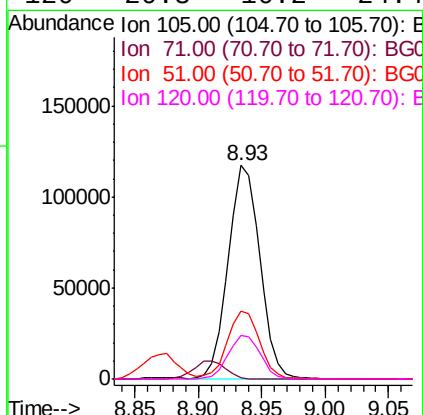
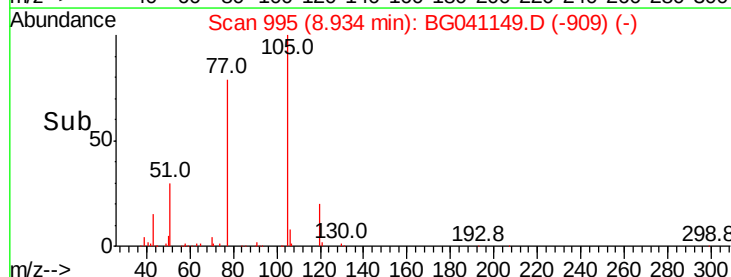
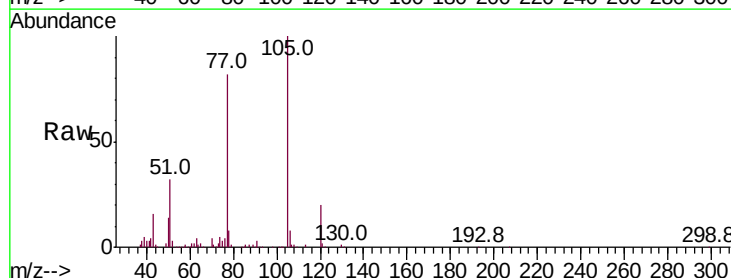
Instrument :
BNA_G
ClientSampleId :
8270PBBS1

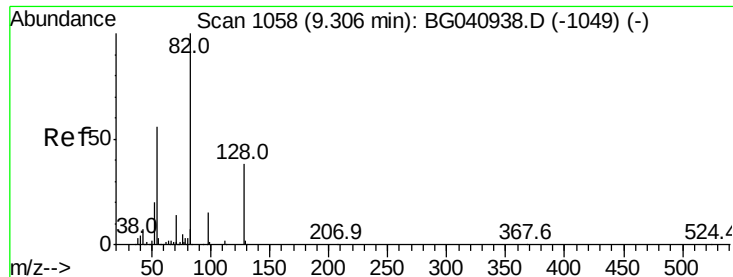
Tot Ion:136	Resp: 165980
Ion Ratio	Lower Upper
136 100	
137 11.1	9.5 14.3
54 9.3	7.6 11.4
68 4.6	3.9 5.9



#22
Acetophenone
Concen: 43.809 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.03 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Tgt Ion:105	Resp: 203974
Ion Ratio	Lower Upper
105 100	
71 0.8	0.4 0.6#
51 32.0	27.0 40.6
120 20.3	16.2 24.4





#23

Nitrobenzene-d5

Concen: 90.823 ng

RT: 9.29 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

Instrument :

BNA_G

ClientSampleId :

8270PBBS1

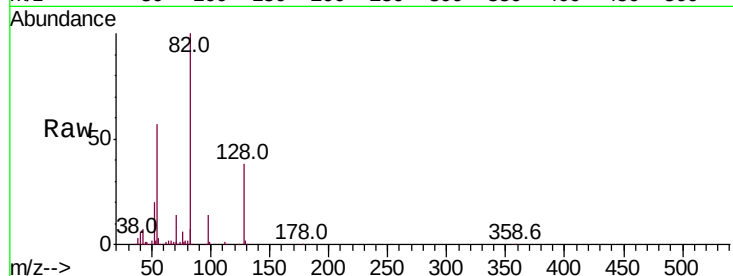
Tot Ion: 82 Resp: 339572

Ion Ratio Lower Upper

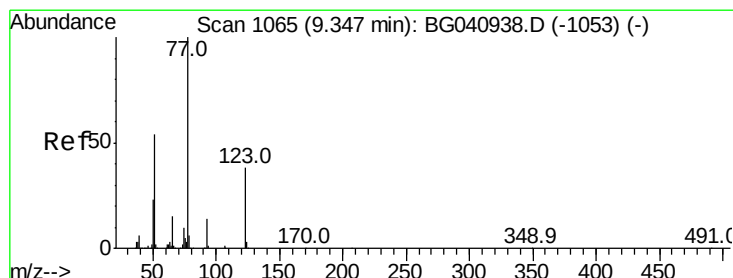
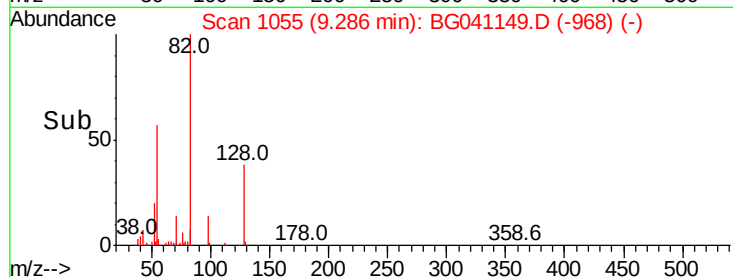
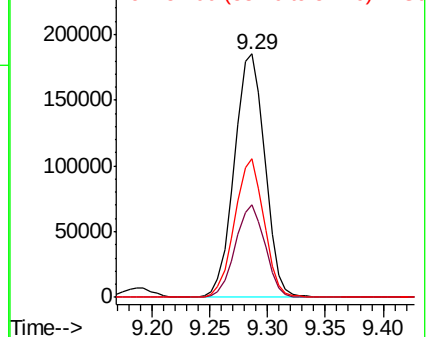
82 100

128 37.8 30.5 45.7

54 56.8 44.6 66.8



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



#24

Nitrobenzene

Concen: 44.466 ng

RT: 9.33 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

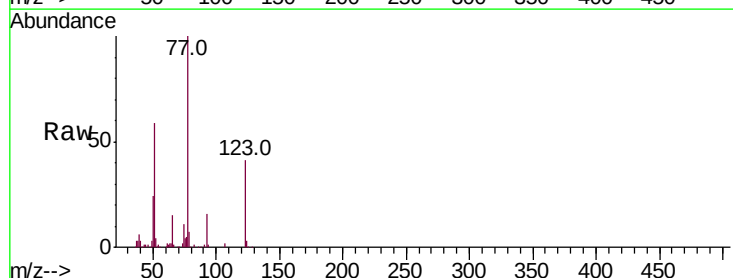
Tgt Ion: 77 Resp: 169425

Ion Ratio Lower Upper

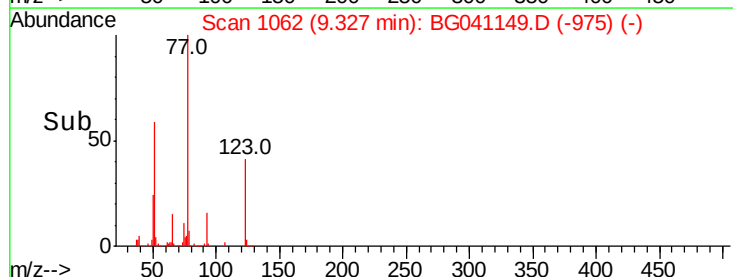
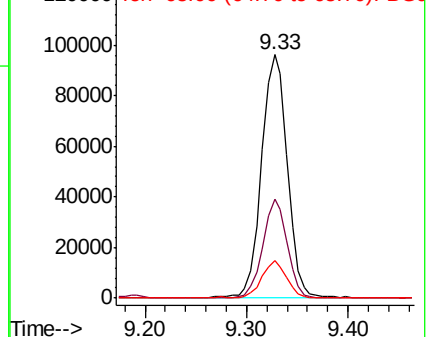
77 100

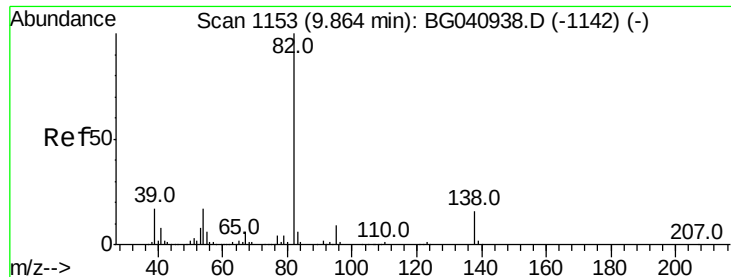
123 40.8 30.6 46.0

65 15.3 12.3 18.5



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

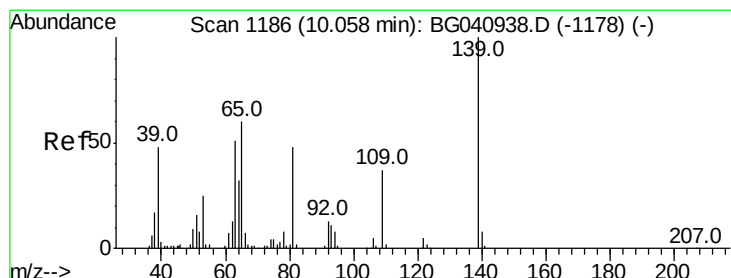
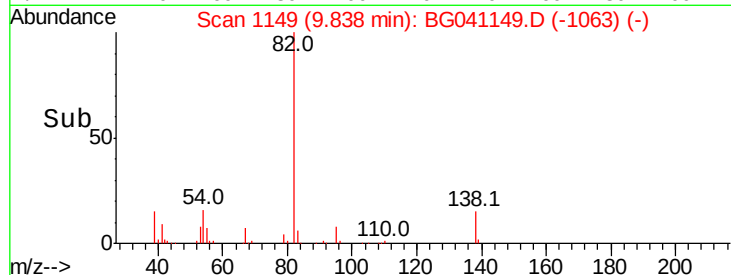
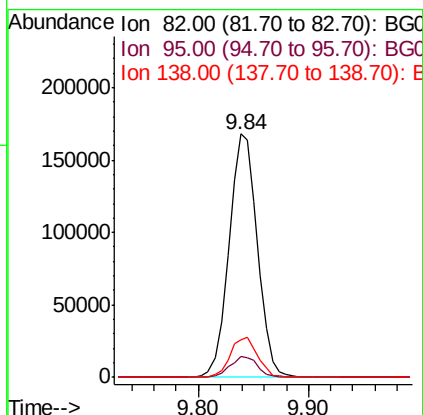
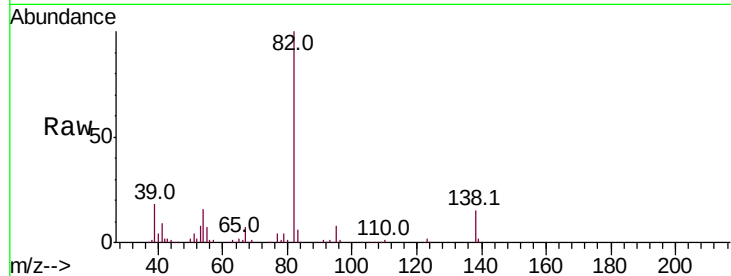




#25
Isophorone
Concen: 42.417 ng
RT: 9.84 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

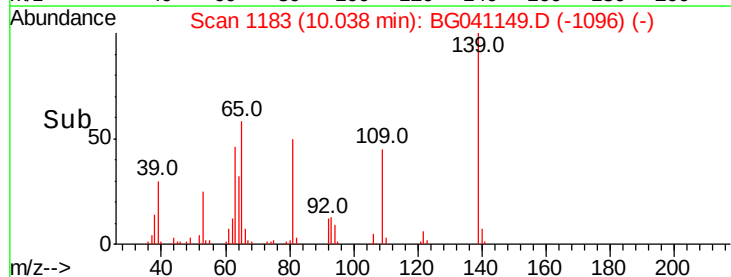
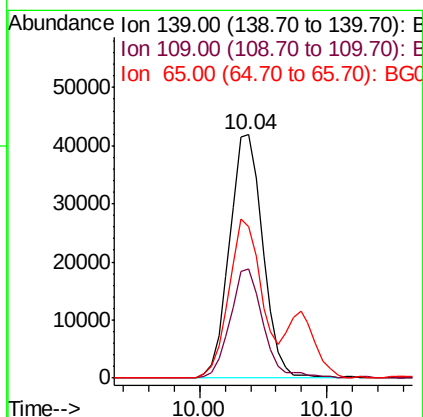
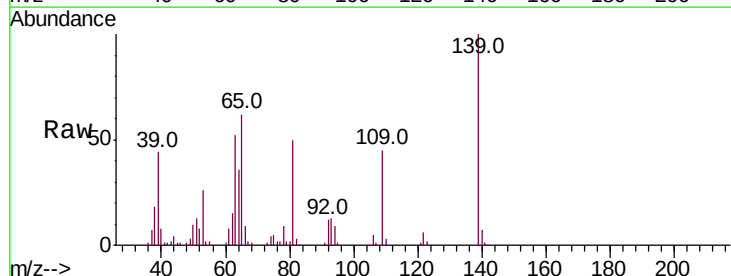
Instrument :
BNA_G
ClientSampleId :
8270PBBS1

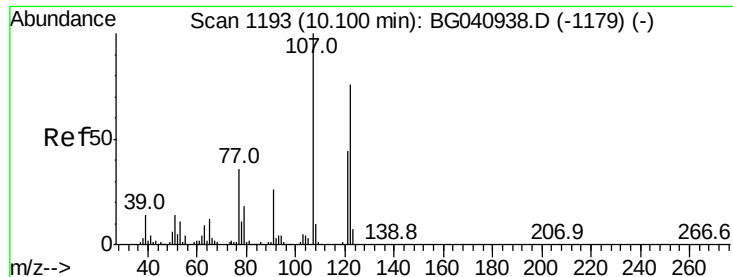
Tot Ion: 82 Resp: 301809
Ion Ratio Lower Upper
82 100
95 8.3 7.0 10.4
138 15.4 12.6 19.0



#26
2-Nitrophenol
Concen: 48.496 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Tgt Ion: 139 Resp: 76175
Ion Ratio Lower Upper
139 100
109 44.7 29.8 44.6#
65 62.0 47.8 71.6





#27

2,4-Dimethylphenol

Concen: 49.617 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

Instrument :

BNA_G

ClientSampleId :

8270PBBS1

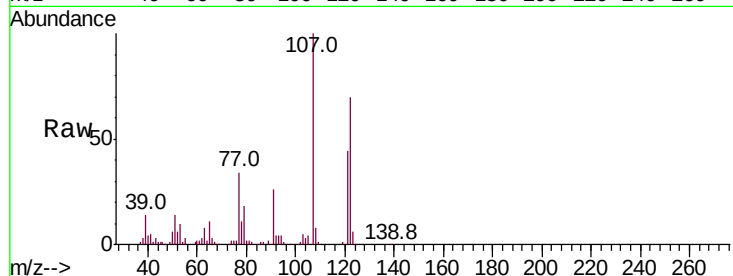
Tot Ion:122 Resp: 128715

Ion Ratio Lower Upper

122 100

107 143.8 105.9 158.9

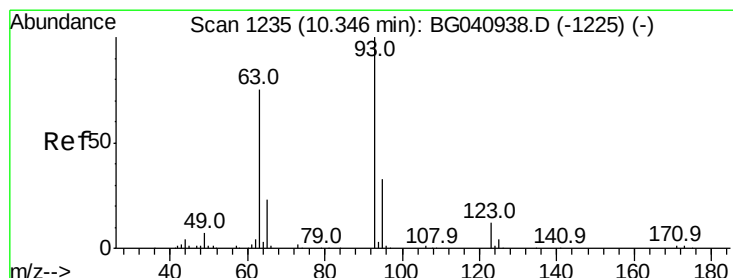
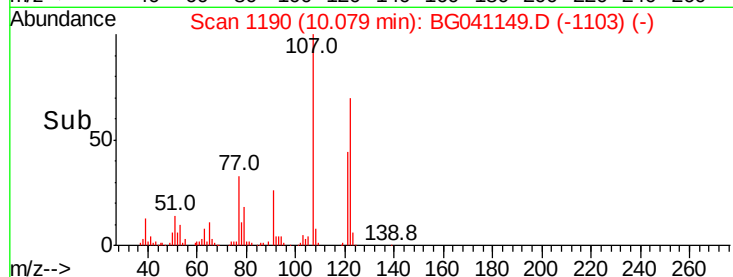
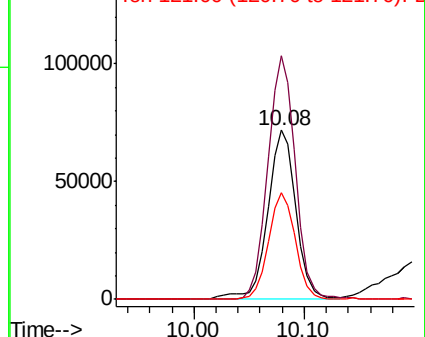
121 63.3 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.802 ng

RT: 10.33 min Scan# 1232

Delta R.T. -0.02 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

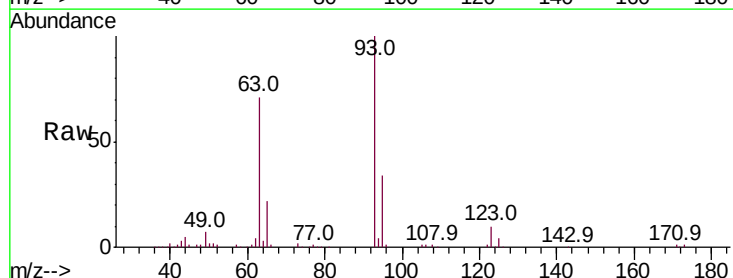
Tgt Ion: 93 Resp: 156691

Ion Ratio Lower Upper

93 100

95 33.7 26.2 39.2

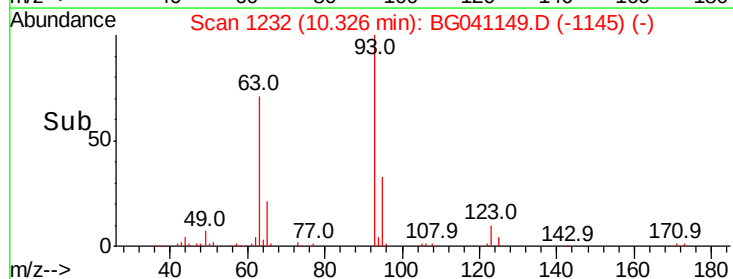
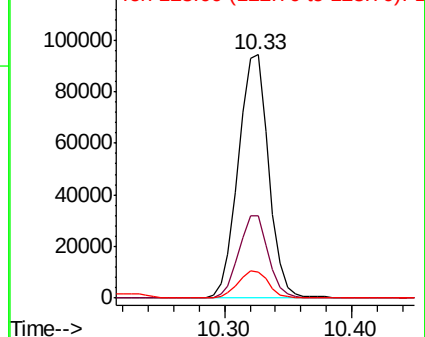
123 10.5 9.5 14.3

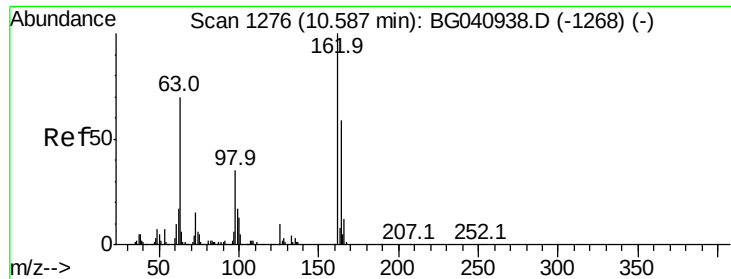


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

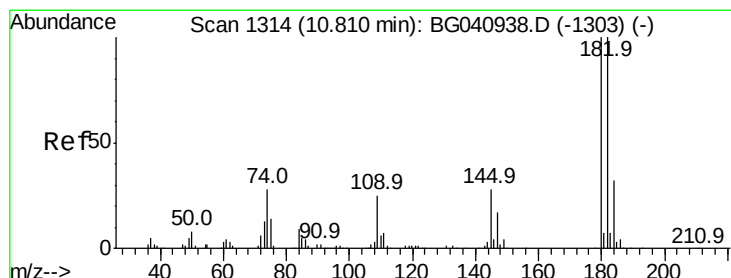
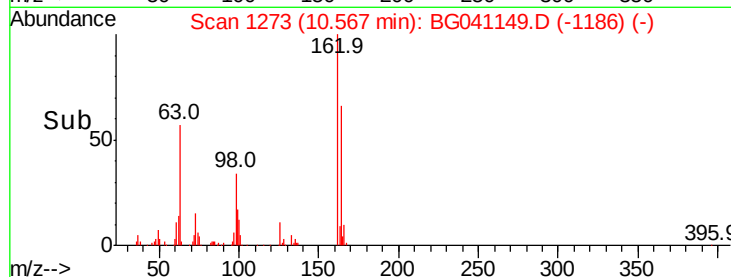
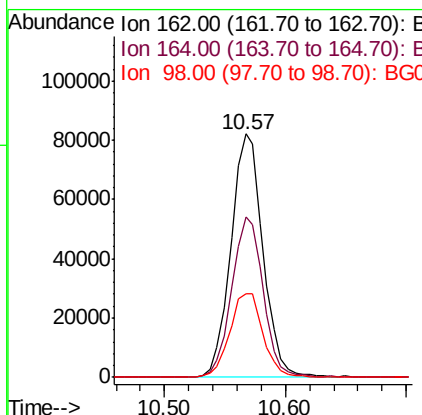
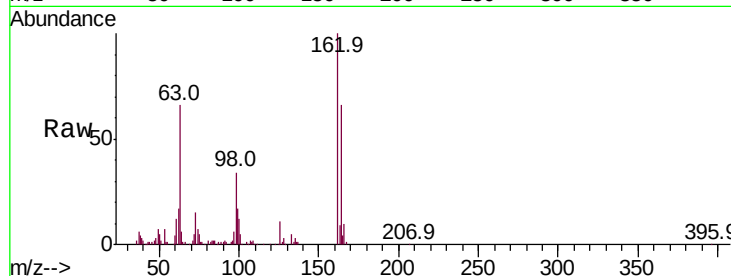




#29
 2,4-Dichlorophenol
 Concen: 45.900 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.02 min
 Lab File: BG041149.D
 Acq: 9 Jun 2019 2:16

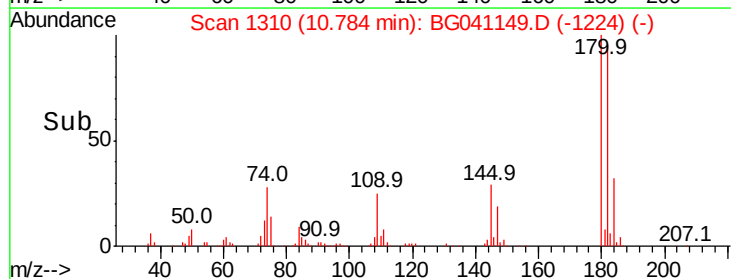
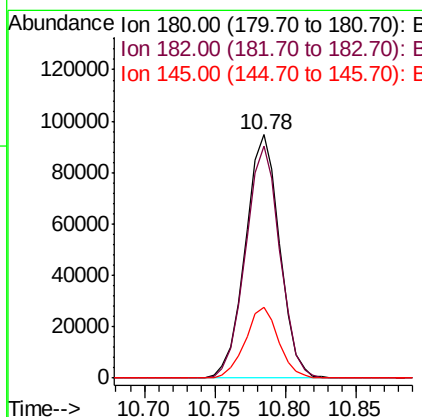
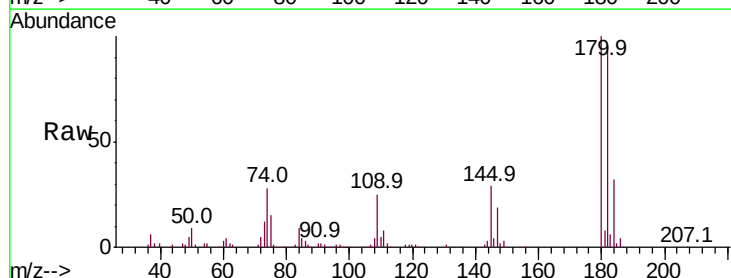
Instrument :
 BNA_G
 ClientSampleId :
 8270PBBS1

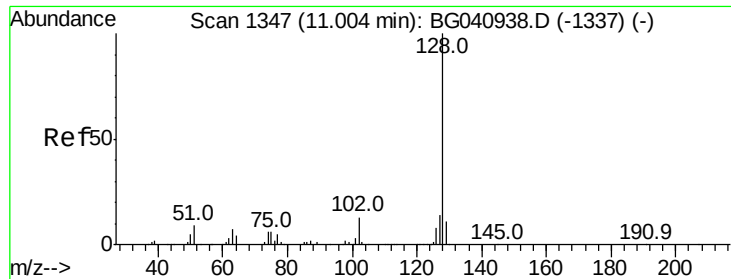
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	39.4	79.4
98	34.1	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 43.062 ng
 RT: 10.78 min Scan# 1310
 Delta R.T. -0.03 min
 Lab File: BG041149.D
 Acq: 9 Jun 2019 2:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	79.7	119.5
145	29.0	22.6	34.0

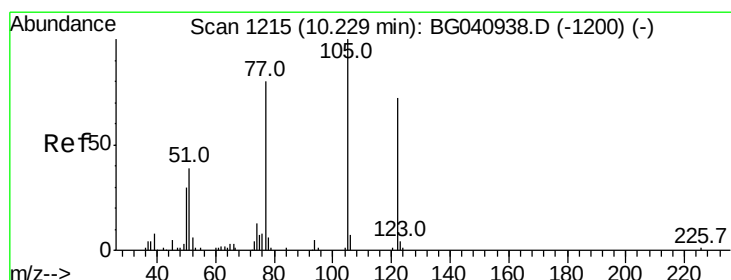
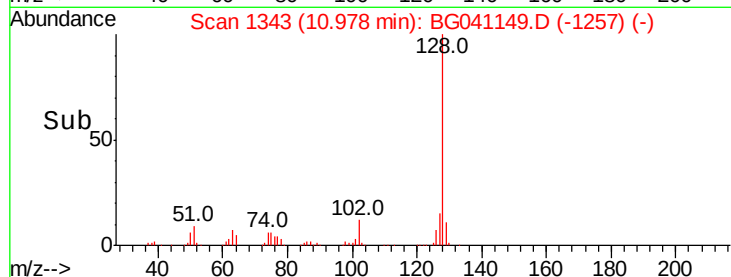
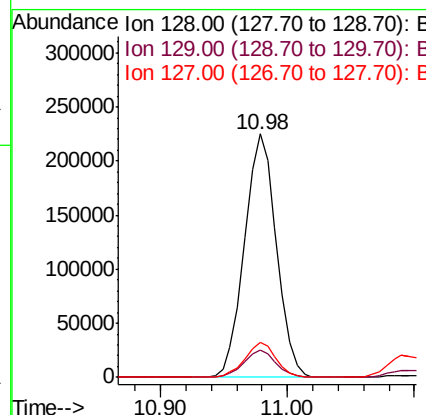
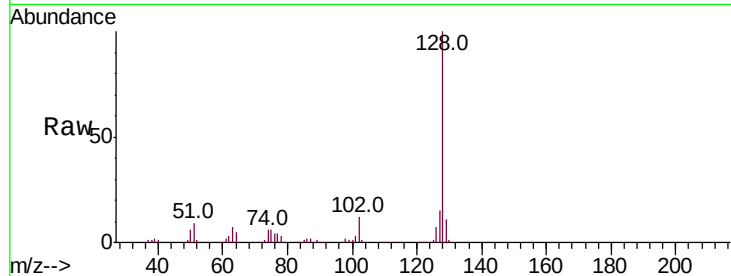




#31
Naphthalene
Concen: 44.018 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.03 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

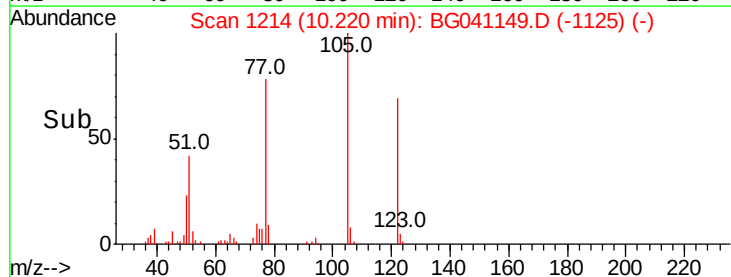
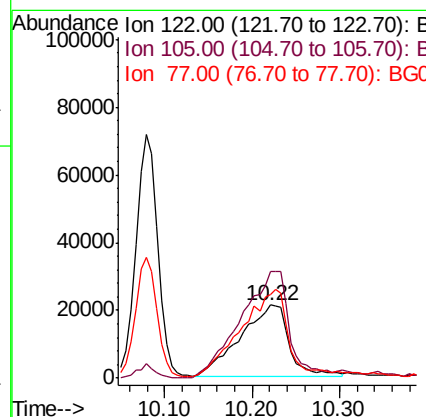
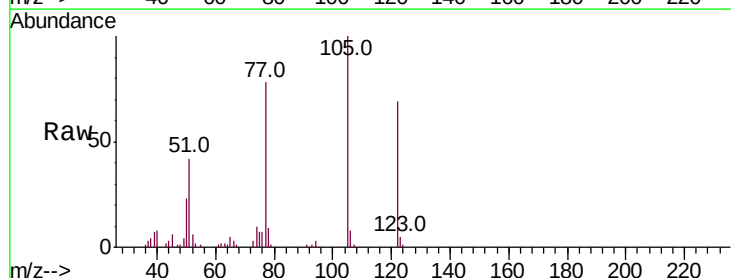
Instrument :
BNA_G
ClientSampleId :
8270PBBS1

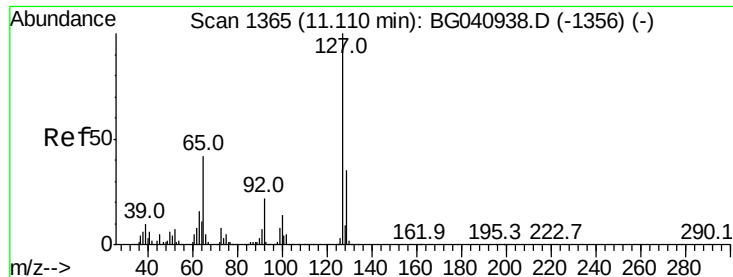
Tot Ion:128 Resp: 392273
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 14.6 11.4 17.2



#32
Benzoic acid
Concen: 41.293 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Tgt Ion:122 Resp: 80536
Ion Ratio Lower Upper
122 100
105 145.3 114.8 154.8
77 113.3 89.9 129.9

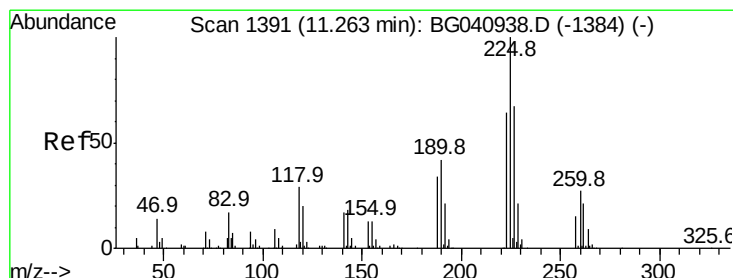
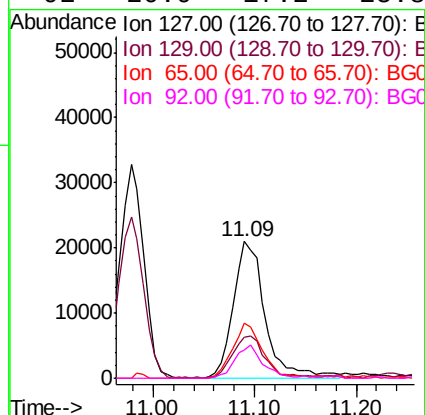
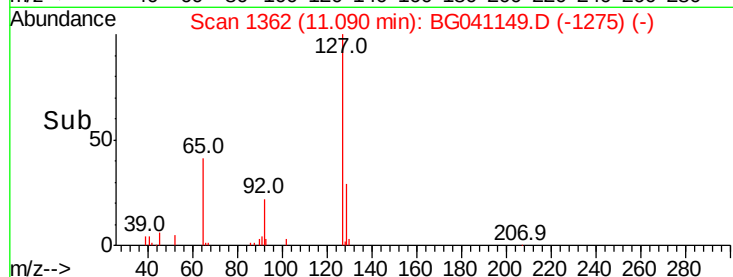
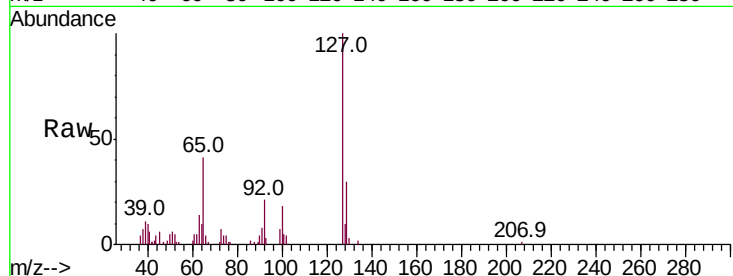




#33
4-Chloroaniline
Concen: 11.127 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

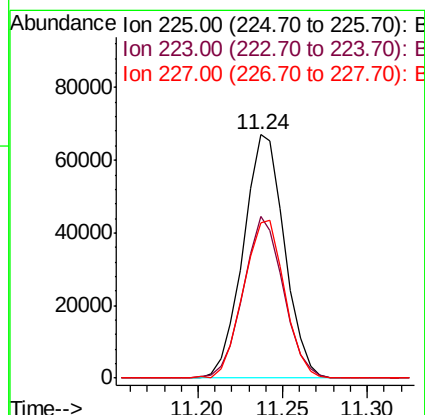
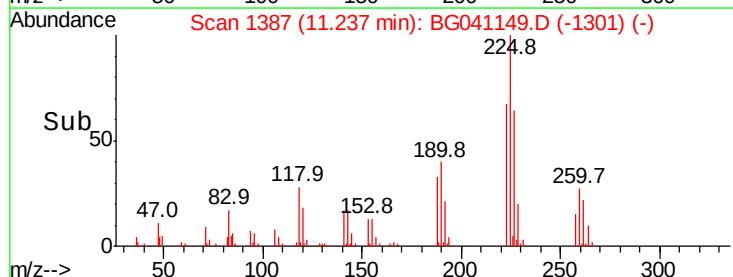
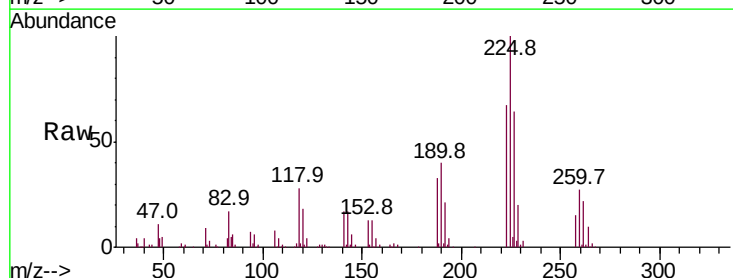
Instrument :
BNA_G
ClientSampleId :
8270PBBS1

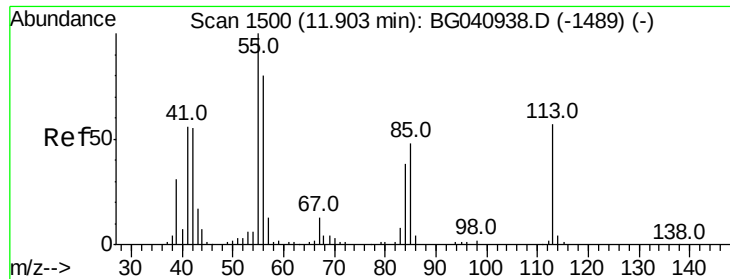
Tot Ion:	127	Resp:	46008
Ion	Ratio	Lower	Upper
127	100		
129	29.9	27.7	41.5
65	40.6	33.2	49.8
92	20.9	17.2	25.8



#34
Hexachlorobutadiene
Concen: 39.573 ng
RT: 11.24 min Scan# 1387
Delta R.T. -0.03 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Tgt Ion:	225	Resp:	113473
Ion	Ratio	Lower	Upper
225	100		
223	66.6	48.8	73.2
227	66.4	51.4	77.0





#35

Caprolactam

Concen: 44.123 ng/ml

RT: 11.88 min Scan# 1496

Delta R.T. -0.03 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

Instrument :

BNA_G

ClientSampleId :

8270PBBS1

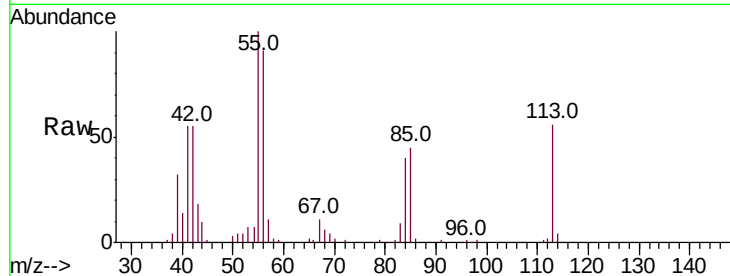
Tot Ion:113 Resp: 48000

Ion Ratio Lower Upper

113 100

55 180.1 155.9 195.9

56 164.4 119.9 159.9#

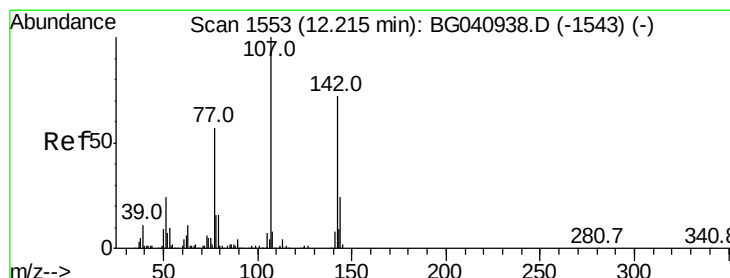
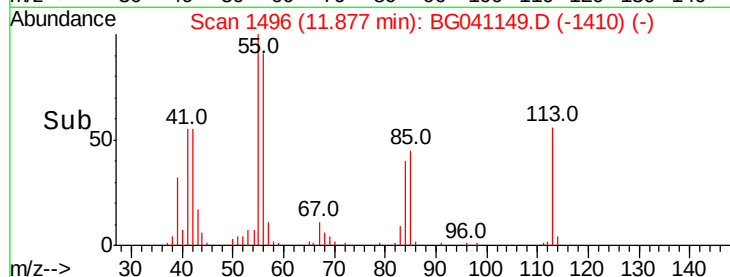
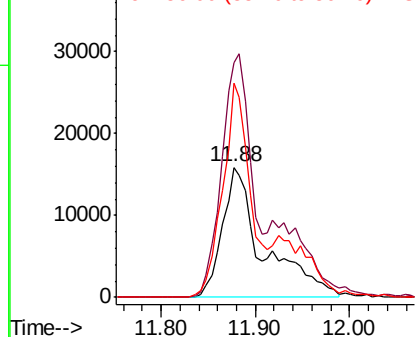


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.193 ng/ml

RT: 12.19 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

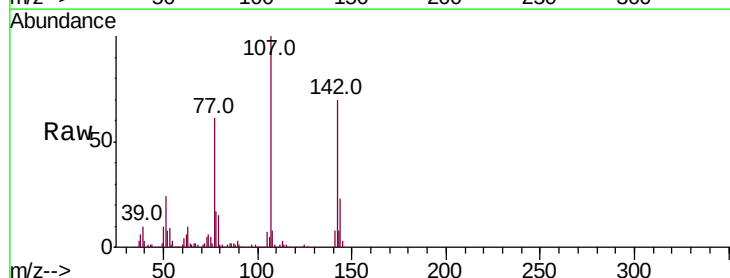
Tgt Ion:107 Resp: 173793

Ion Ratio Lower Upper

107 100

144 22.6 19.4 29.0

142 69.7 57.3 85.9

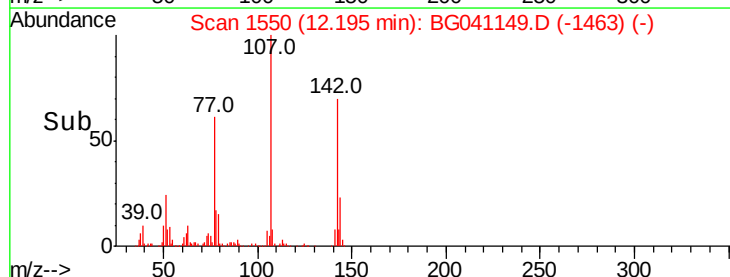
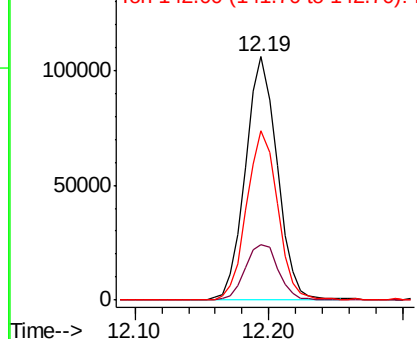


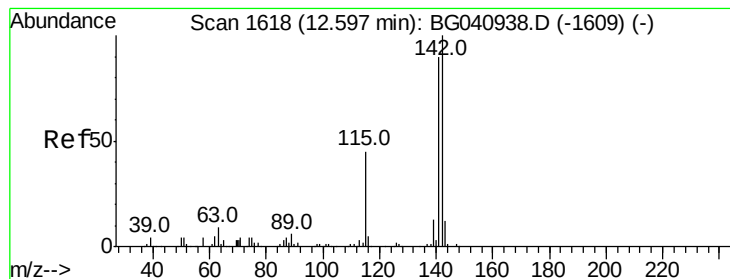
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.700 ng

RT: 12.58 min Scan# 1615

Delta R.T. -0.02 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

Instrument :

BNA_G

ClientSampleId :

8270PBBS1

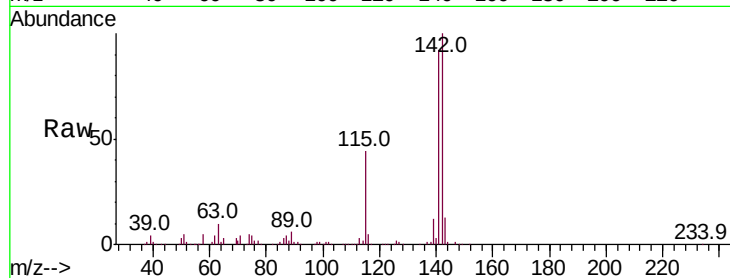
Tot Ion:142 Resp: 306803

Ion Ratio Lower Upper

142 100

141 91.8 72.2 108.4

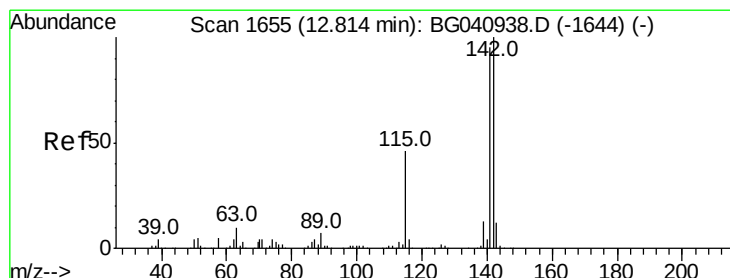
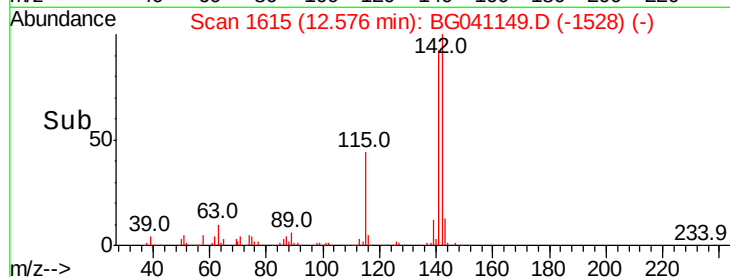
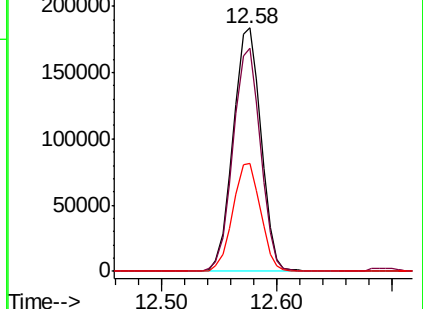
115 44.3 36.2 54.4



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: 45.027 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.02 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

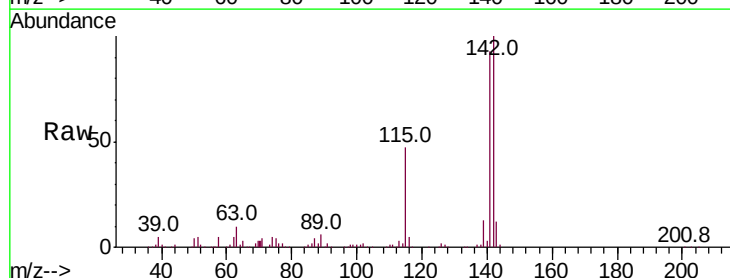
Tgt Ion:142 Resp: 291223

Ion Ratio Lower Upper

142 100

141 93.5 75.7 113.5

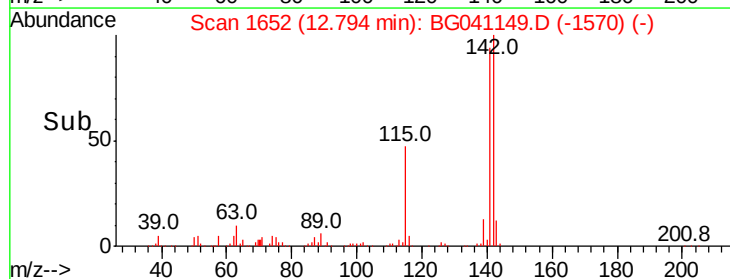
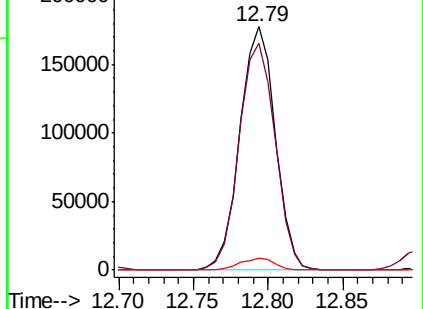
116 4.9 3.4 5.2

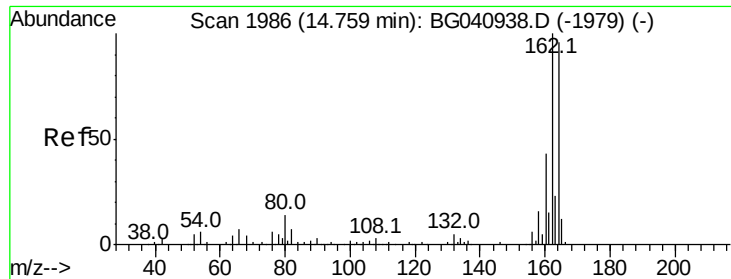


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.74 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

Instrument :

BNA_G

ClientSampleId :

8270PBBS1

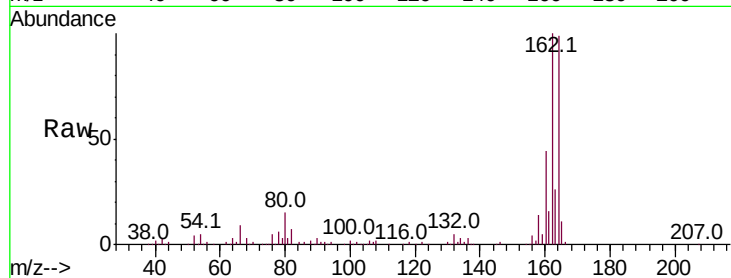
Tot Ion:164 Resp: 126993

Ion Ratio Lower Upper

164 100

162 101.2 83.0 124.4

160 44.3 35.6 53.4

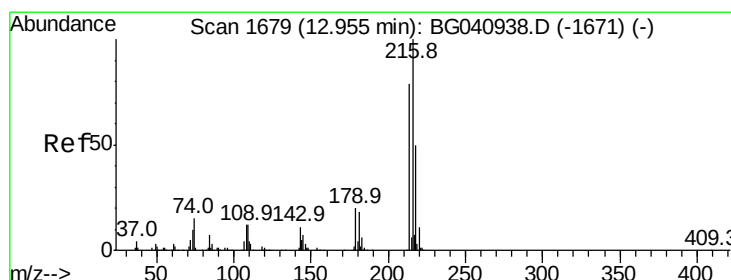
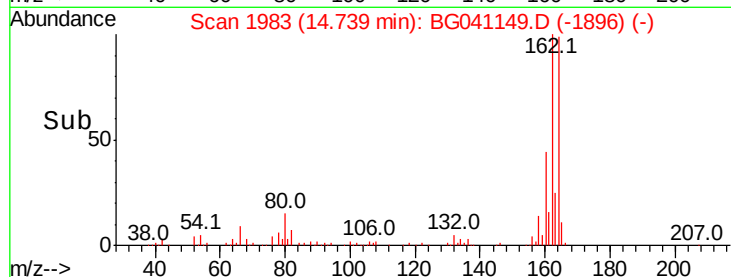
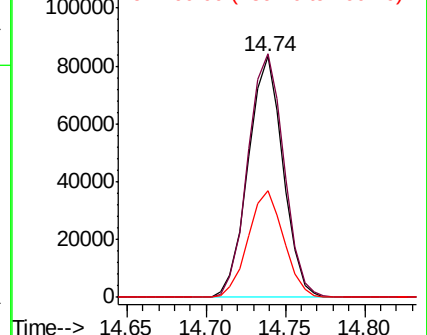


Abundance

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: 44.128 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

Tgt Ion:216 Resp: 225868

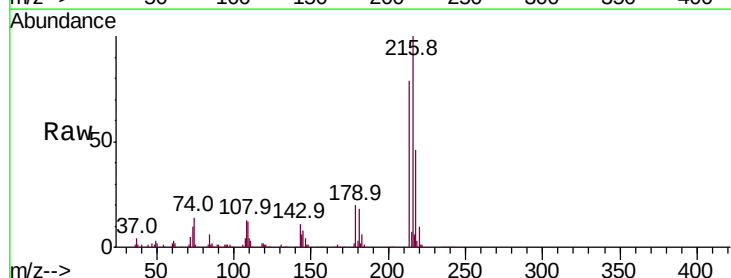
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.2

179 19.6 15.2 22.8

108 15.9 11.4 17.2



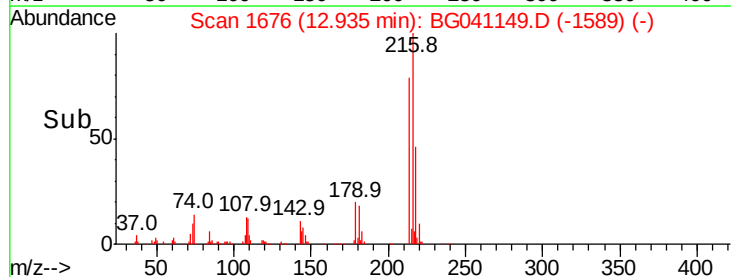
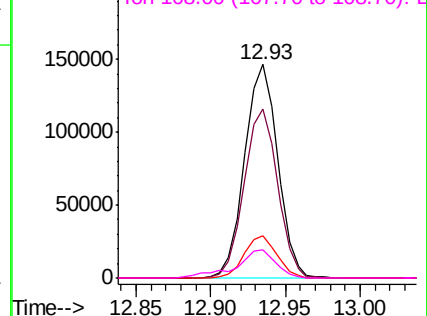
Abundance

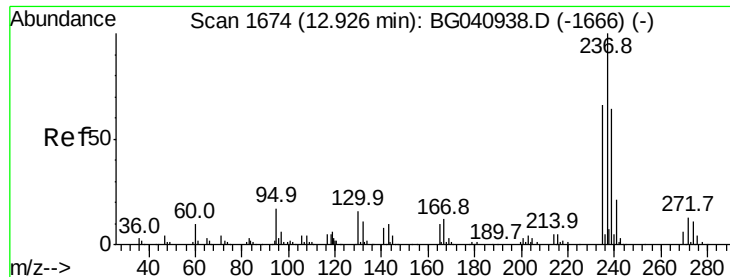
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

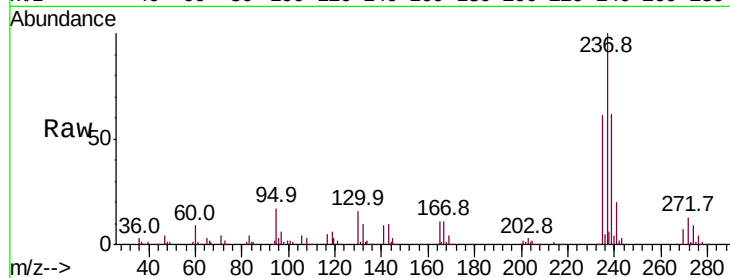




#41
Hexachlorocyclopentadiene
Concen: 87.677 ng
RT: 12.90 min Scan# 1670
Delta R.T. -0.03 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Instrument :
BNA_G
ClientSampleId :
8270PBBS1

Tot Ion	Ratio	Lower	Upper
237	100		
235	60.8	45.5	85.5
272	12.7	0.0	32.9

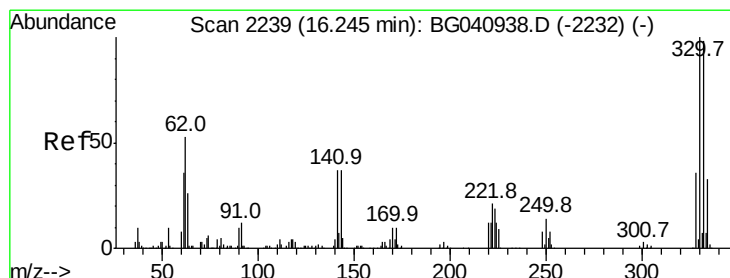
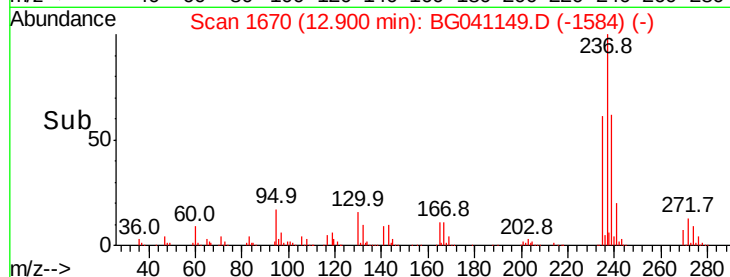
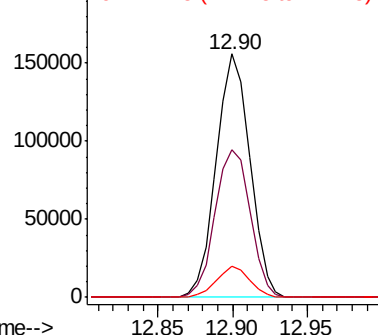


Abundance

Ion 236.80 (236.50 to 237.50): E

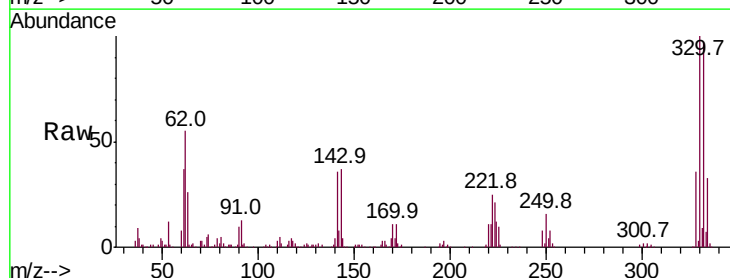
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 148.423 ng
RT: 16.23 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.5	117.7
141	35.7	28.7	43.1

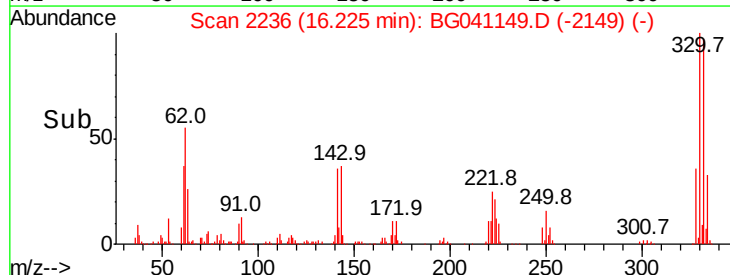
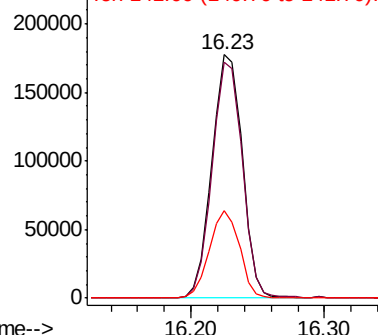


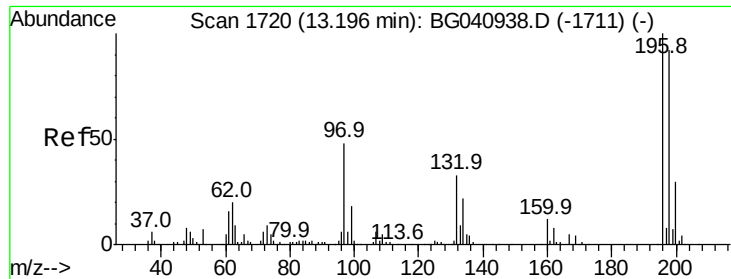
Abundance

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

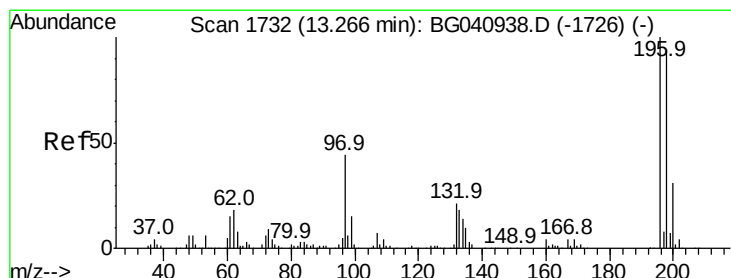
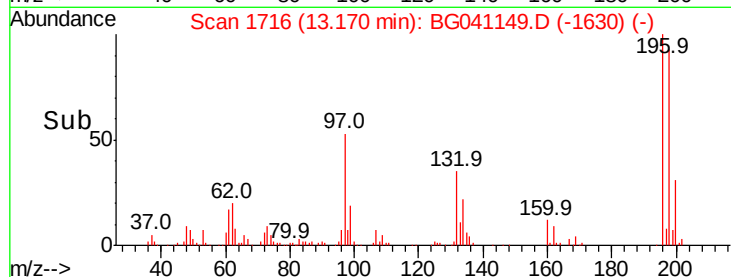
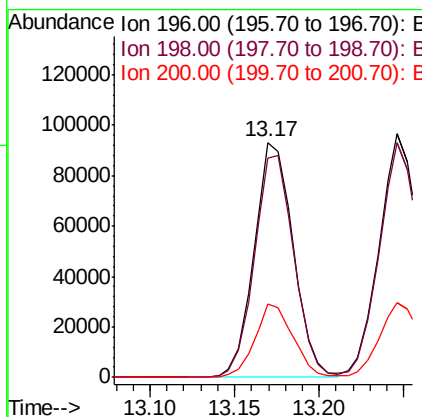
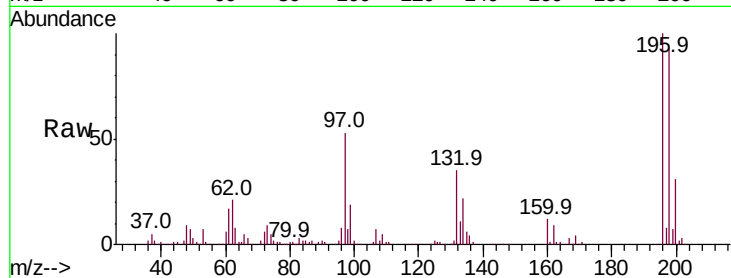




#43
 2,4,6-Trichlorophenol
 Concen: 45.103 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG041149.D
 Acq: 9 Jun 2019 2:16

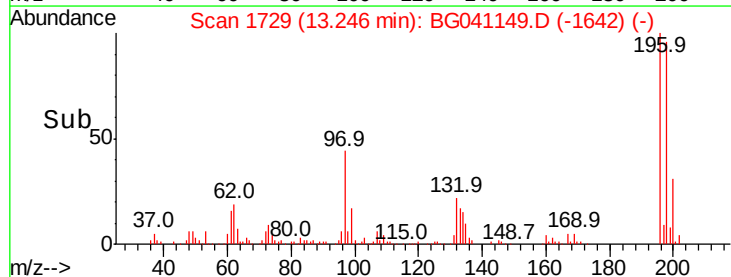
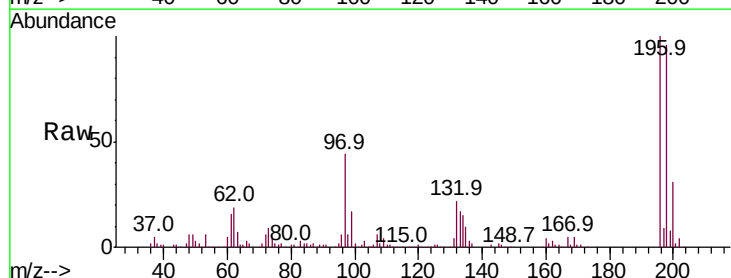
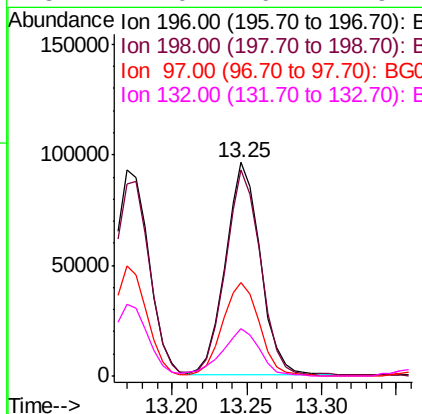
Instrument :
 BNA_G
 ClientSampleId :
 8270PBBS1

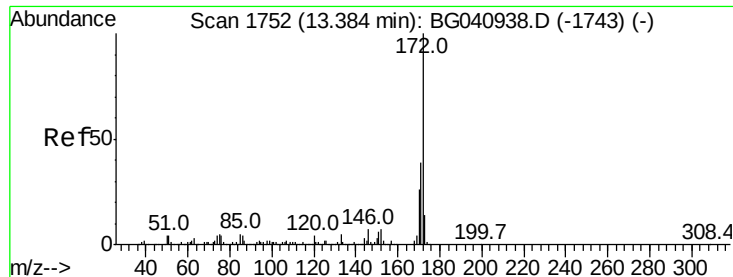
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.3	73.8	110.6
200	31.1	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 44.949 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG041149.D
 Acq: 9 Jun 2019 2:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.1	112.7
97	43.7	35.6	53.4
132	22.0	16.7	25.1

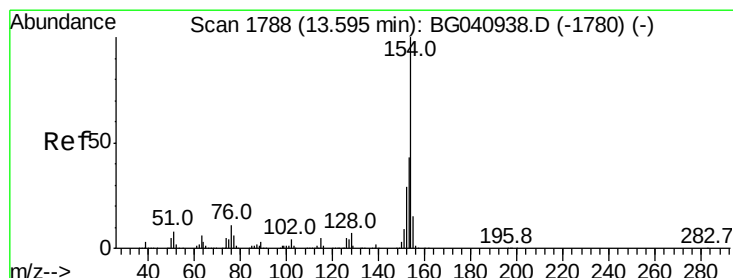
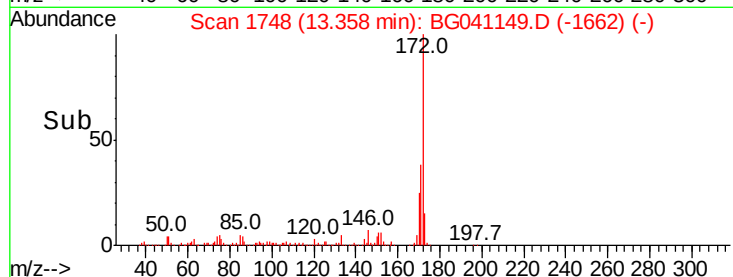
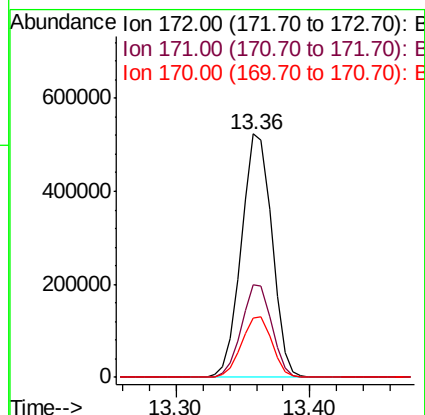
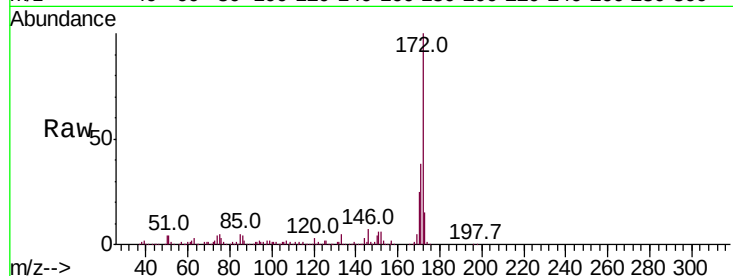




#45
2-Fluorobiphenyl
Concen: 93.681 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.03 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

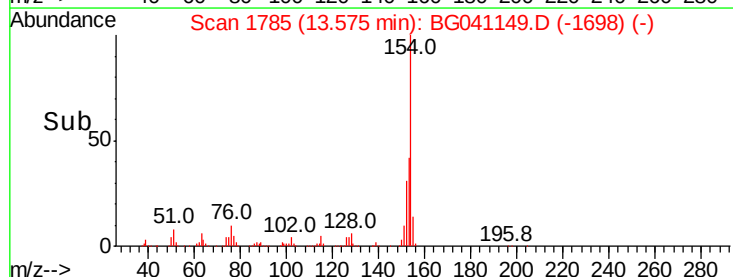
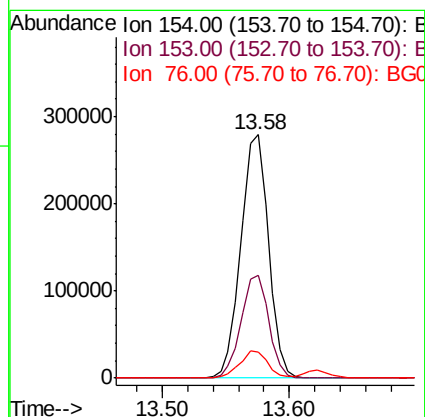
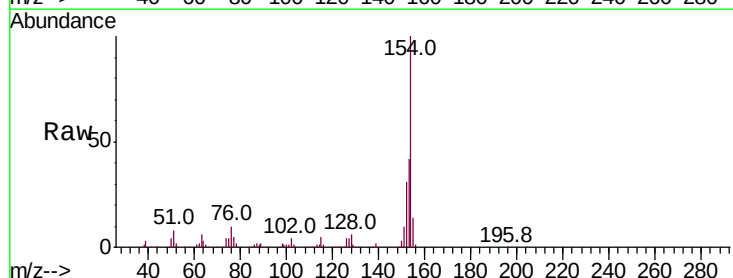
Instrument :
BNA_G
ClientSampleId :
8270PBBS1

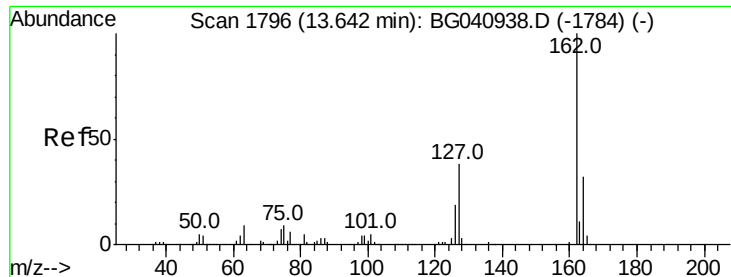
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.1	46.7
170	24.5	20.5	30.7



#46
1,1'-Biphenyl
Concen: 44.905 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.02 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	23.3	63.3
76	10.4	0.0	31.1

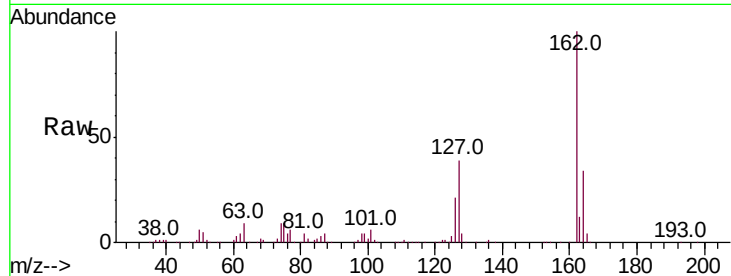




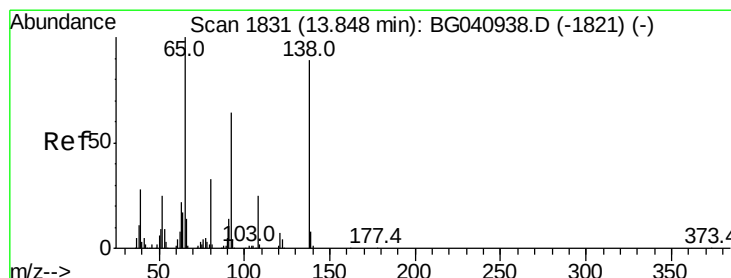
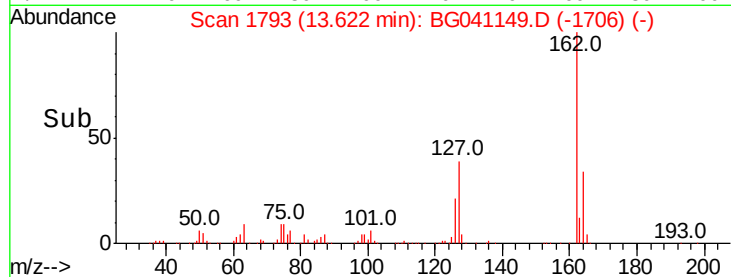
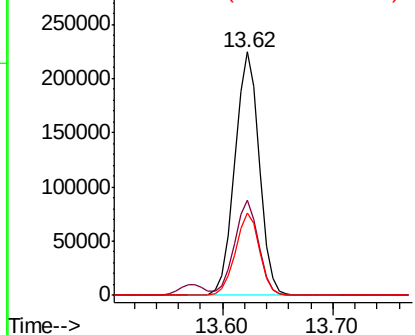
#47
 2-Chloronaphthalene
 Concen: 43.116 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG041149.D
 Acq: 9 Jun 2019 2:16

Instrument :
 BNA_G
 ClientSampleId :
 8270PBBS1

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	30.5	45.7
164	34.0	25.8	38.6

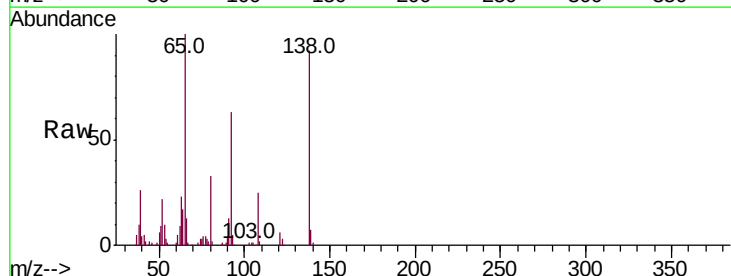


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

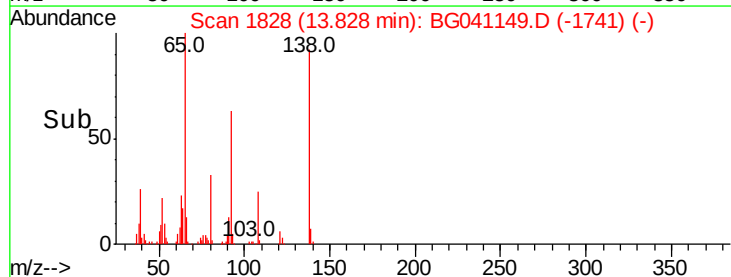
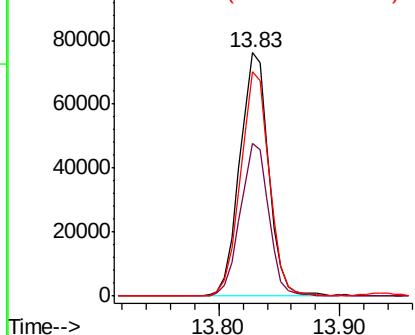


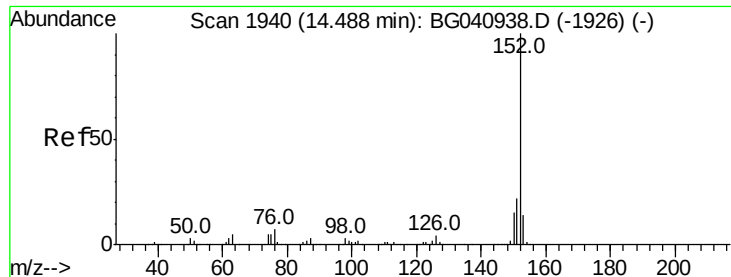
#48
 2-Nitroaniline
 Concen: 43.839 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BG041149.D
 Acq: 9 Jun 2019 2:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.5	51.0	76.6
138	92.3	71.2	106.8



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.421 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.03 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

Instrument :

BNA_G

ClientSampleId :

8270PBBS1

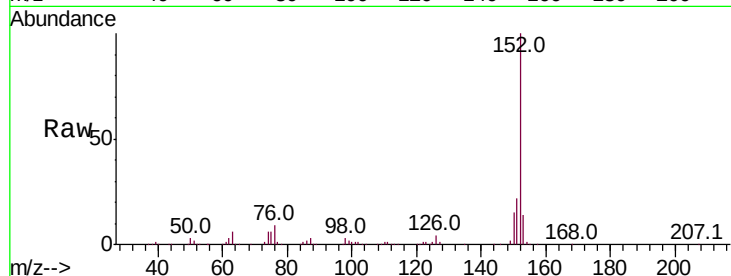
Tot Ion:152 Resp: 551677

Ion Ratio Lower Upper

152 100

151 22.0 17.4 26.0

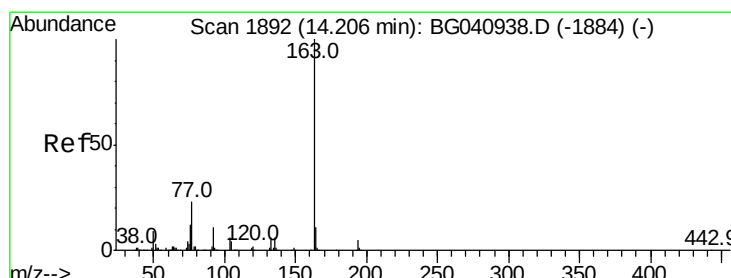
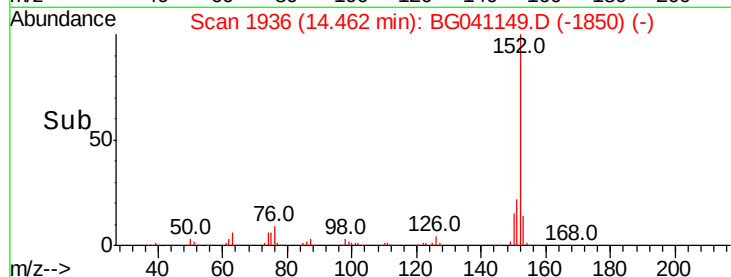
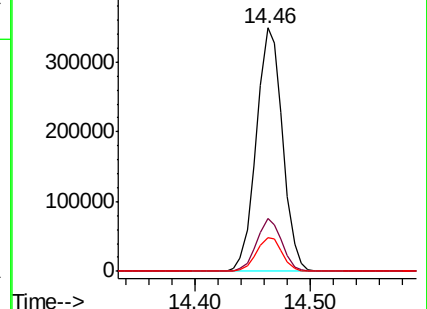
153 13.9 11.0 16.4



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: 42.755 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.02 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

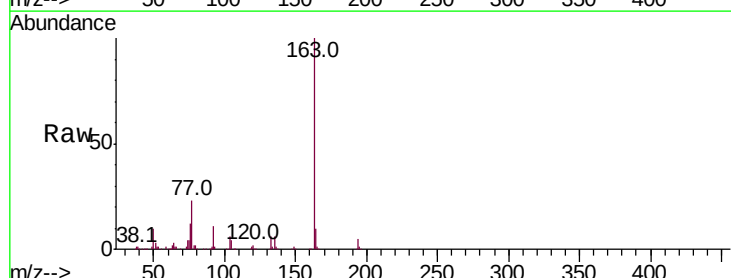
Tgt Ion:163 Resp: 459614

Ion Ratio Lower Upper

163 100

194 5.2 3.8 5.8

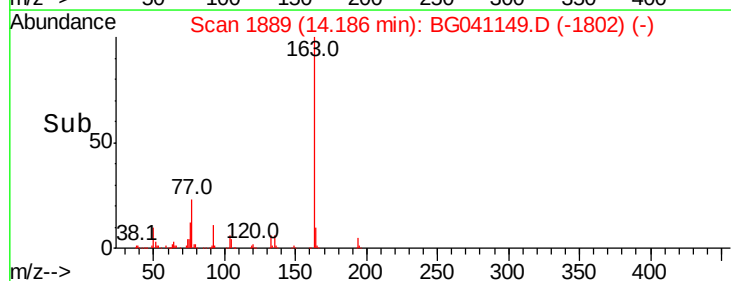
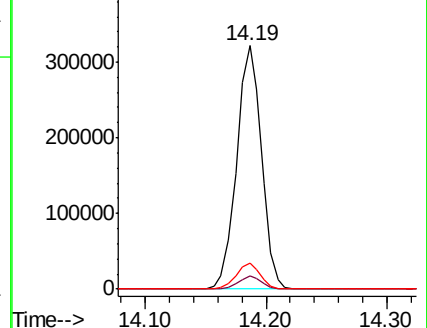
164 10.5 8.7 13.1

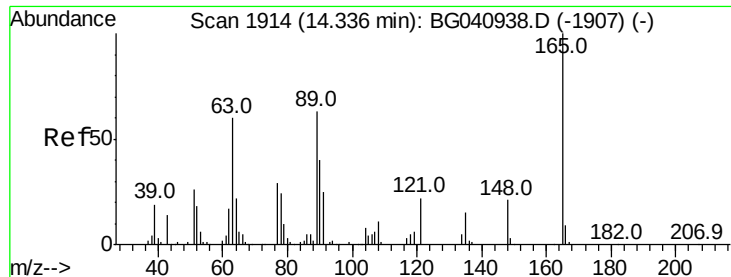


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

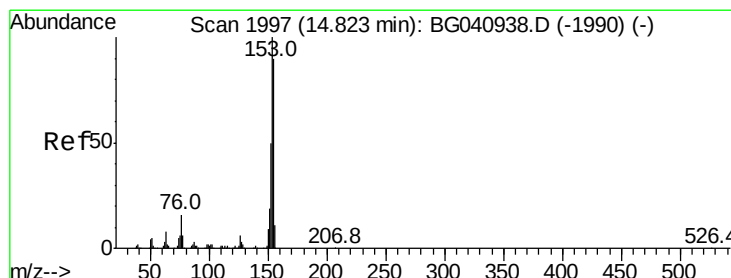
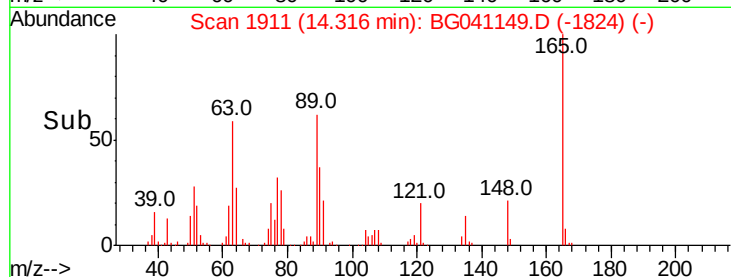
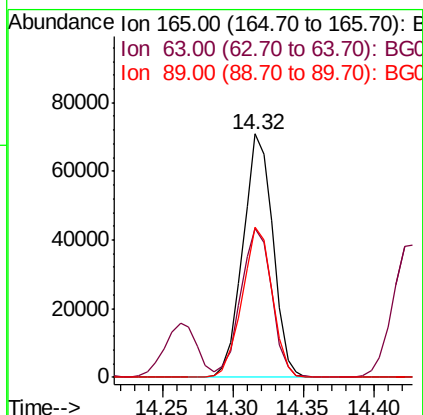
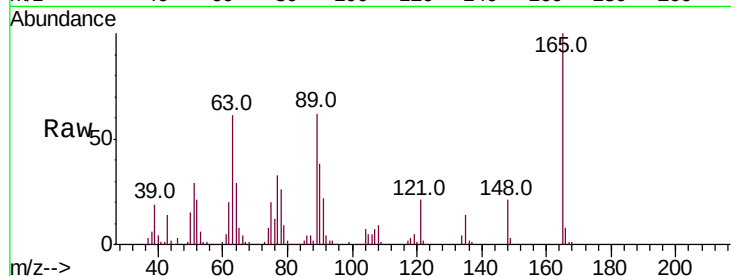




#51
 2,6-Dinitrotoluene
 Concen: 45.495 ng
 RT: 14.32 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BG041149.D
 Acq: 9 Jun 2019 2:16

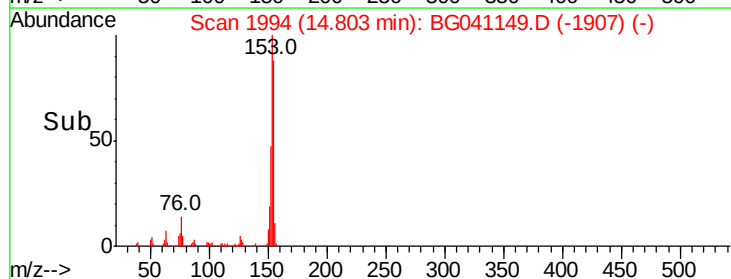
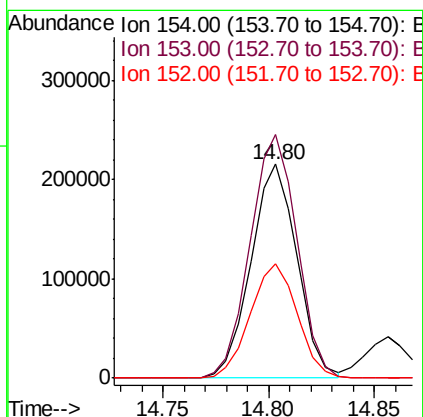
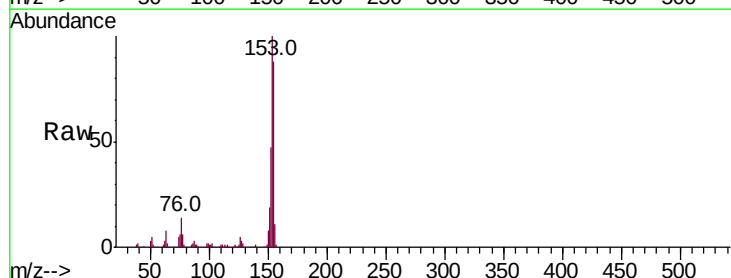
Instrument :
 BNA_G
 ClientSampleId :
 8270PBBS1

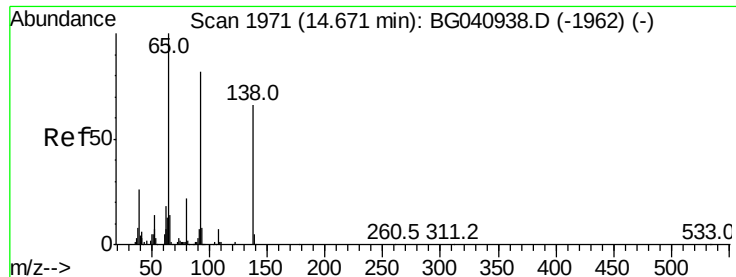
Tot Ion:165 Resp: 105448
 Ion Ratio Lower Upper
 165 100
 63 61.4 53.6 80.4
 89 61.6 50.4 75.6



#52
 Acenaphthene
 Concen: 44.486 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BG041149.D
 Acq: 9 Jun 2019 2:16

Tgt Ion:154 Resp: 327324
 Ion Ratio Lower Upper
 154 100
 153 114.0 88.6 133.0
 152 53.7 44.2 66.4





#53

3-Nitroaniline

Concen: 21.027 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.02 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

Instrument :

BNA_G

ClientSampleId :

8270PBBS1

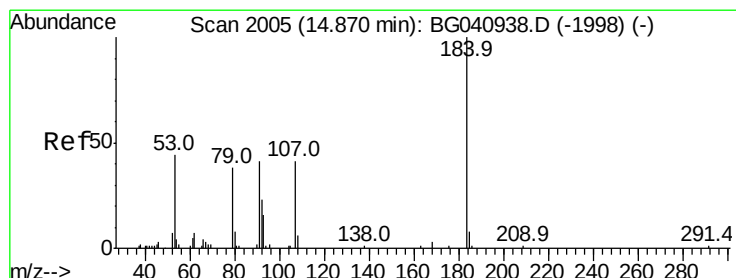
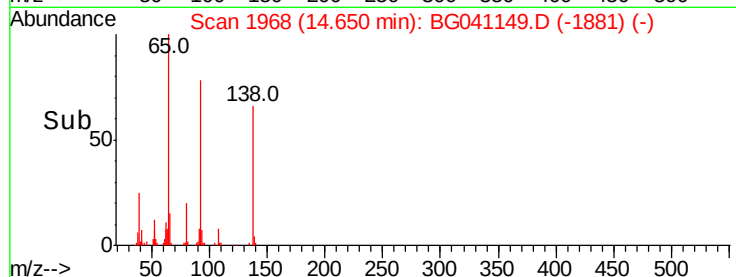
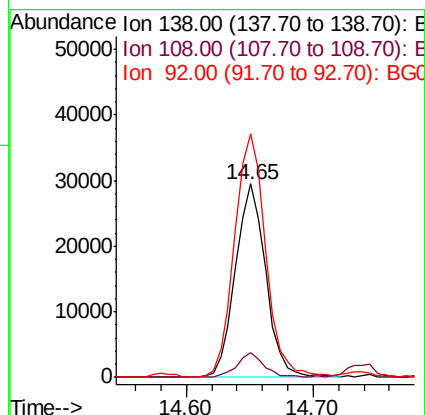
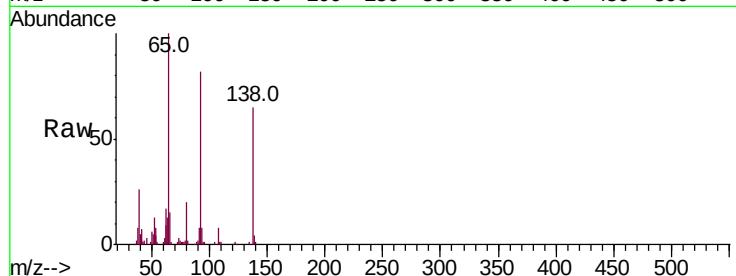
Tot Ion:138 Resp: 48735

Ion Ratio Lower Upper

138 100

108 12.8 8.5 12.7#

92 126.0 99.0 148.6



#54

2,4-Dinitrophenol

Concen: 82.804 ng

RT: 14.86 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

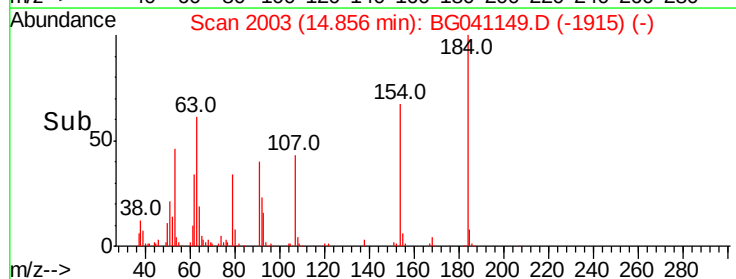
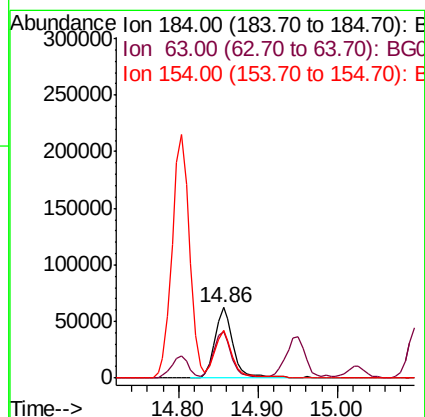
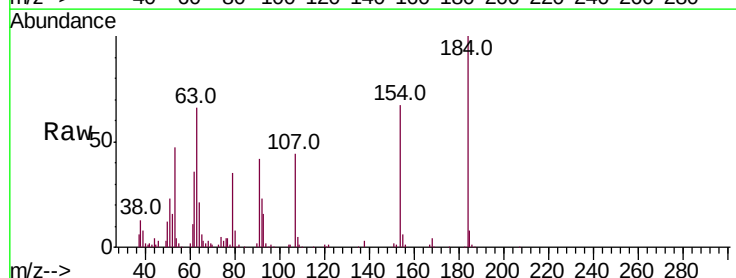
Tgt Ion:184 Resp: 101546

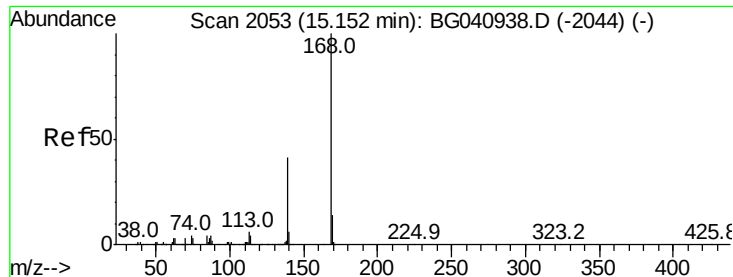
Ion Ratio Lower Upper

184 100

63 65.5 49.8 74.6

154 67.1 52.2 78.4

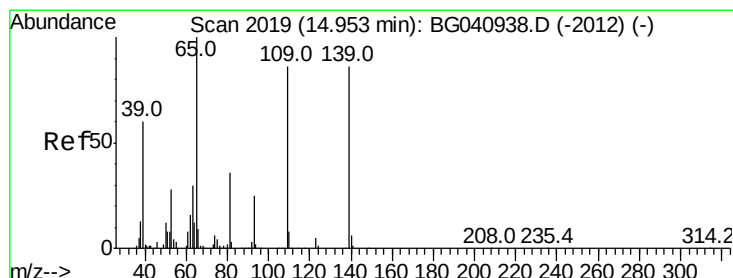
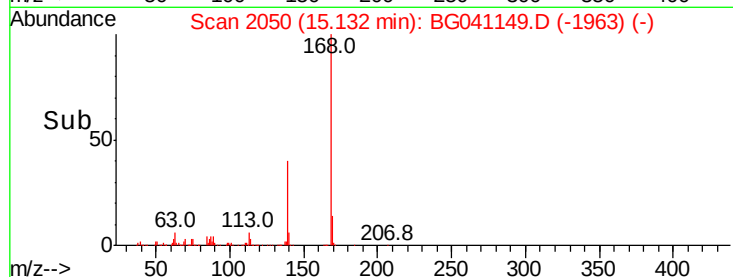
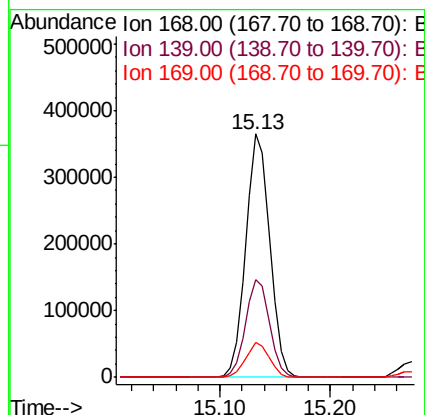
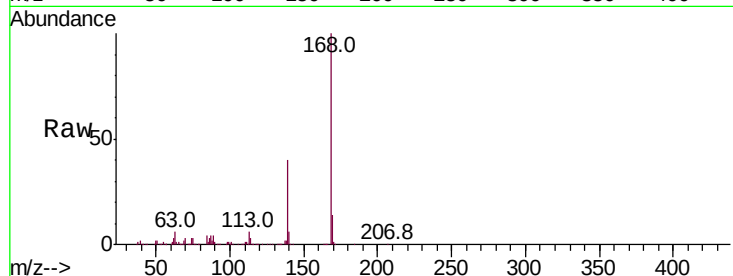




#55
Dibenzofuran
Concen: 45.071 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

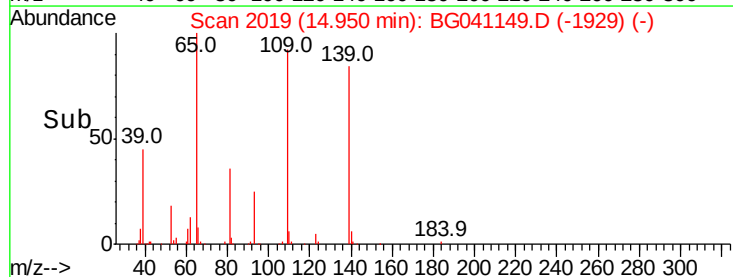
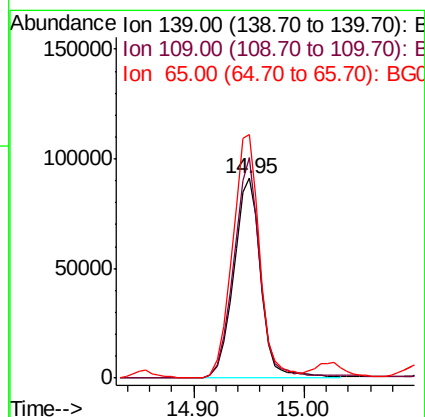
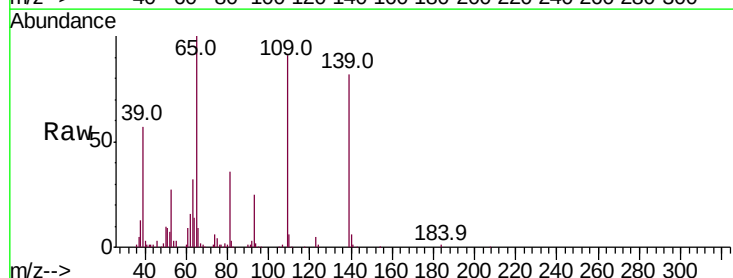
Instrument :
BNA_G
ClientSampleId :
8270PBBS1

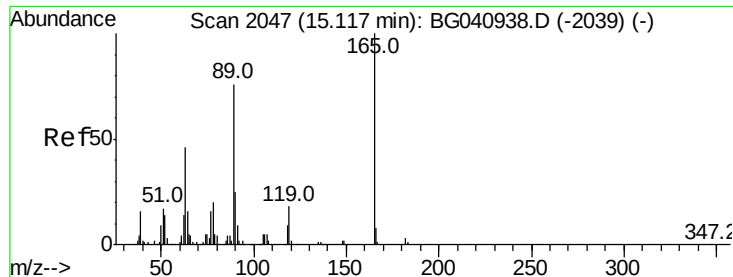
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	32.8	49.2
169	14.2	11.3	16.9



#56
4-Nitrophenol
Concen: 98.807 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	110.4	79.6	119.6
65	121.8	96.9	136.9

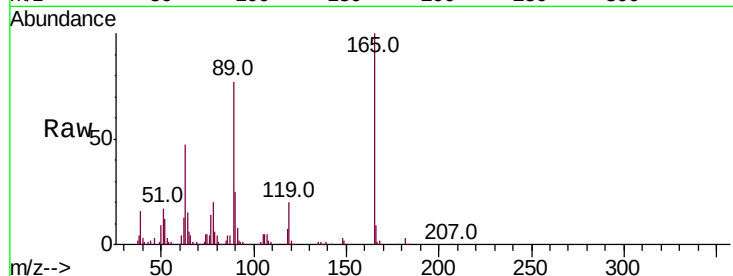




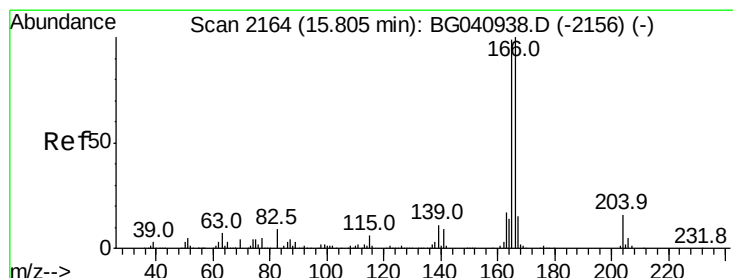
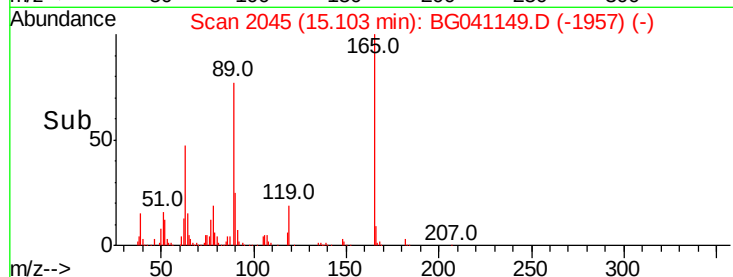
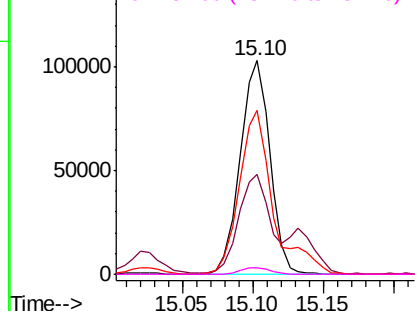
#57
2,4-Dinitrotoluene
Concen: 46.127 ng
RT: 15.10 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Instrument :
BNA_G
ClientSampleId :
8270PBBS1

Tot Ion:165 Resp: 151024
Ion Ratio Lower Upper
165 100
63 46.8 37.3 55.9
89 76.5 61.0 91.6
182 2.8 2.2 3.2

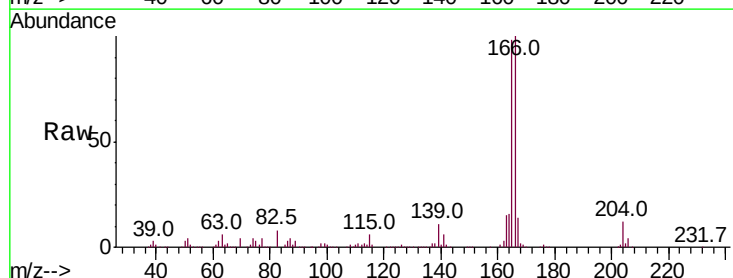


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

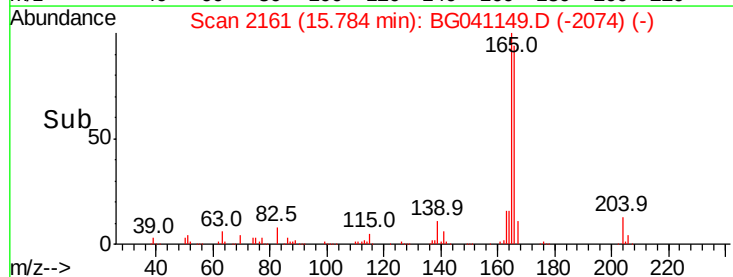
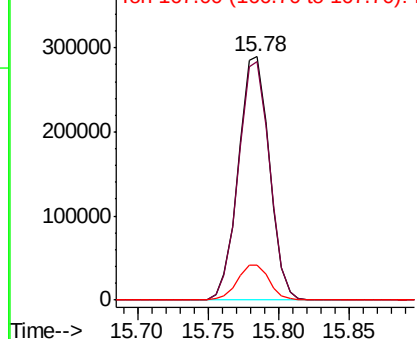


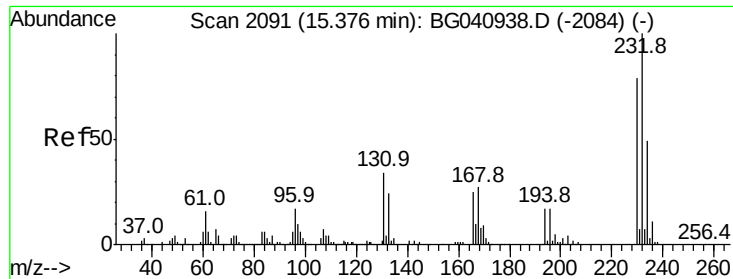
#58
Fluorene
Concen: 45.118 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Tgt Ion:166 Resp: 444850
Ion Ratio Lower Upper
166 100
165 98.1 79.2 118.8
167 14.2 11.8 17.6



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

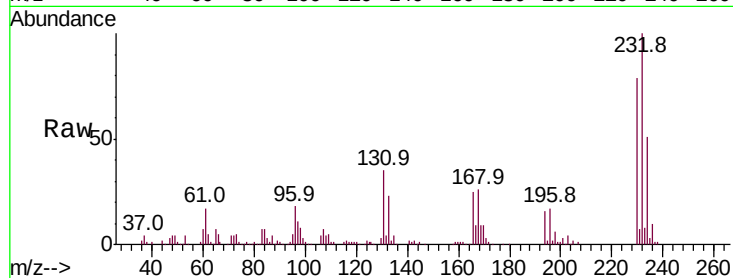




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.243 ng
RT: 15.36 min Scan# 2088
Delta R.T. -0.02 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Instrument :
BNA_G
ClientSampleId :
8270PBBS1

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.4	30.3	45.5
130	2.0	1.8	2.8
166	26.3	21.3	31.9



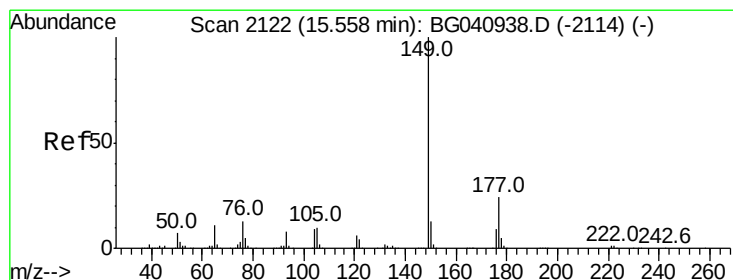
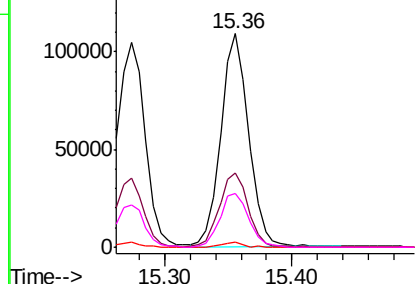
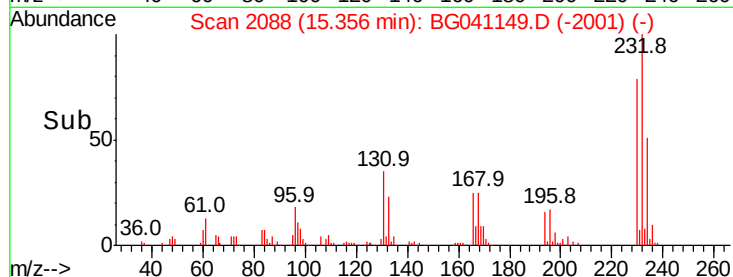
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

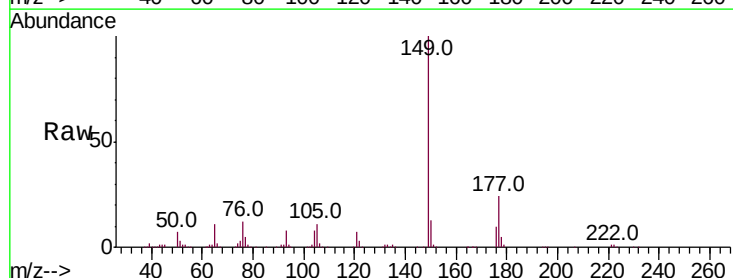
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 43.005 ng
RT: 15.54 min Scan# 2119
Delta R.T. -0.02 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.4	29.0
150	13.3	10.3	15.5

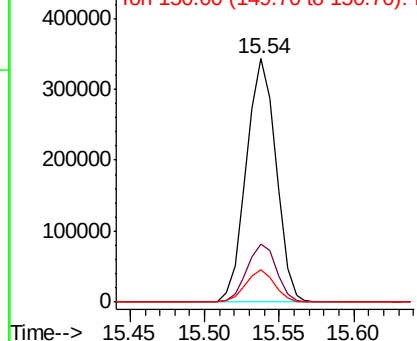
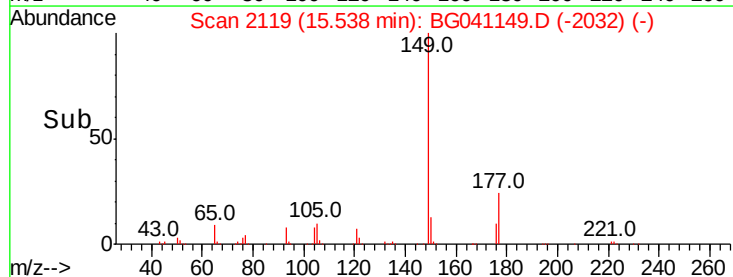


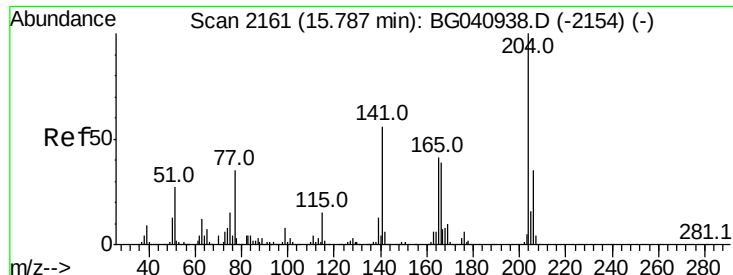
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

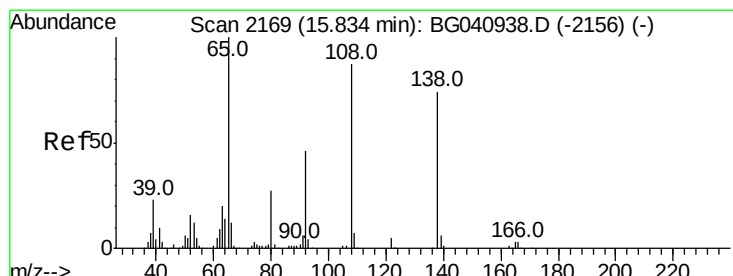
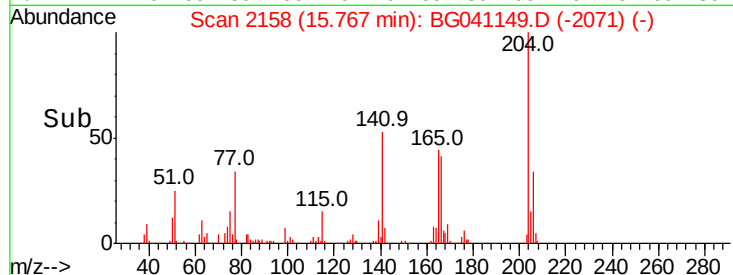
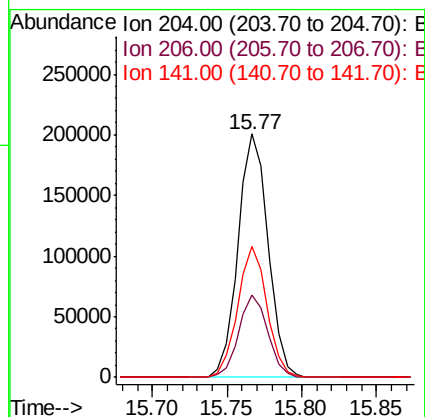
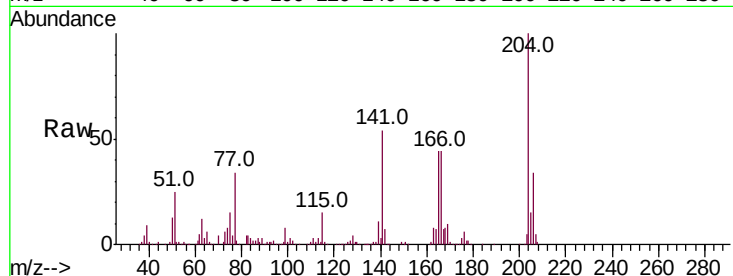




#61
4-Chlorophenyl-phenylether
Concen: 43.774 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.02 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

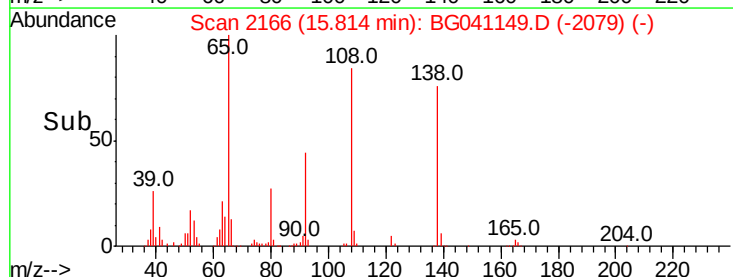
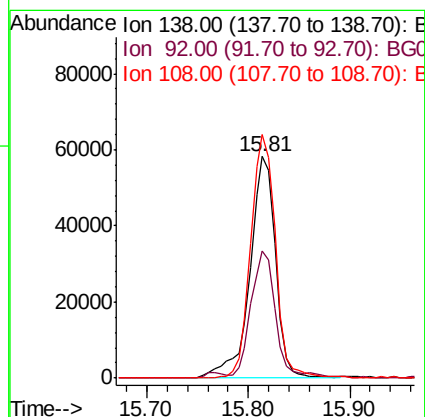
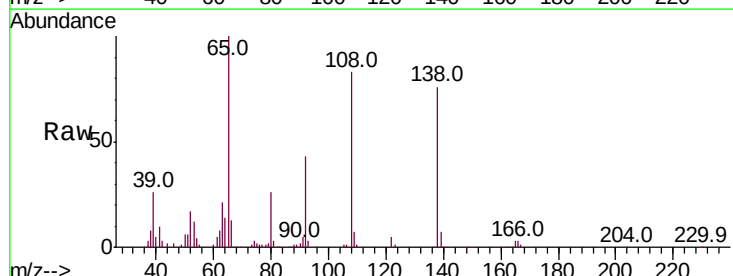
Instrument :
BNA_G
ClientSampleId :
8270PBBS1

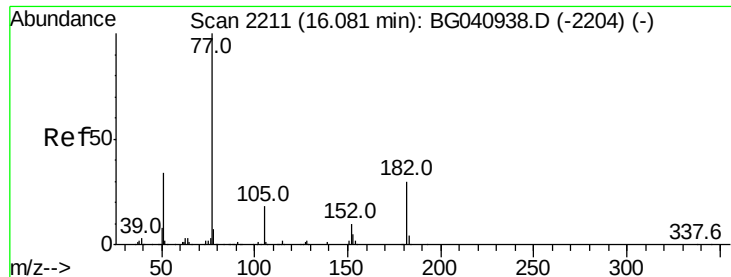
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.6	41.4
141	53.6	45.1	67.7



#62
4-Nitroaniline
Concen: 41.754 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.2	42.4	82.4
108	110.1	96.9	136.9

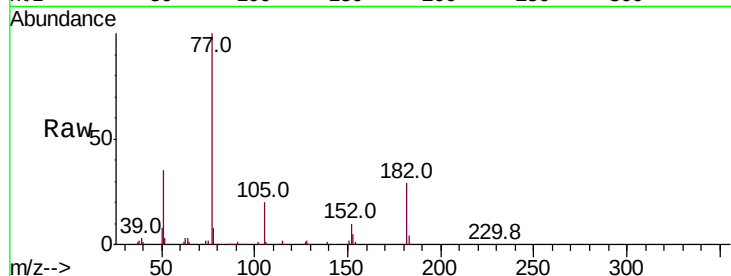




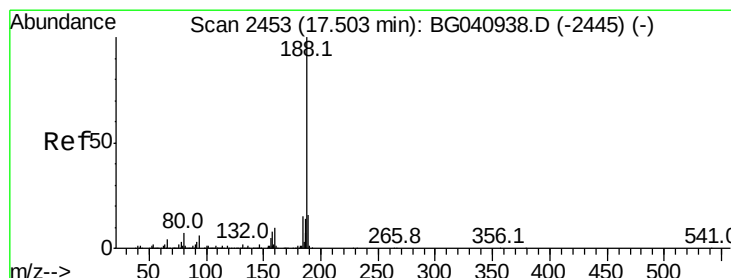
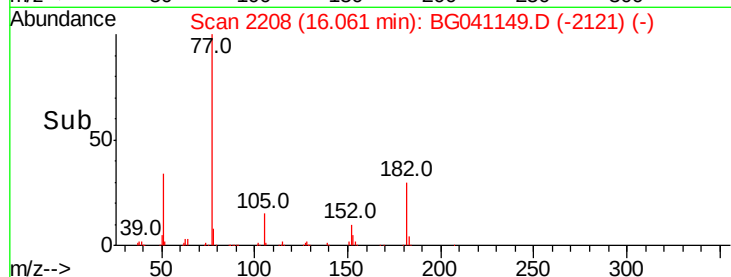
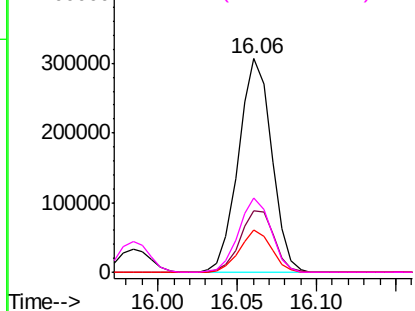
#63
Azobenzene
Concen: 44.635 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Instrument :
BNA_G
ClientSampleId :
8270PBBS1

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.8	9.6	49.6
105	19.6	0.0	37.5
51	34.6	13.7	53.7

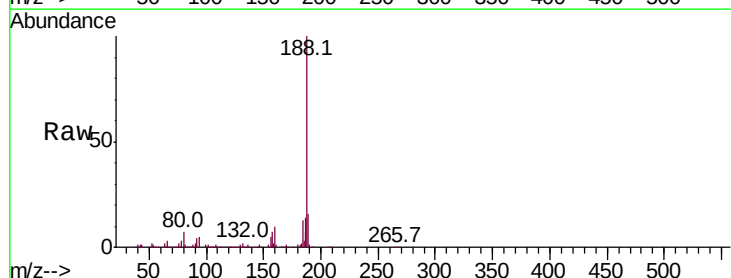


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

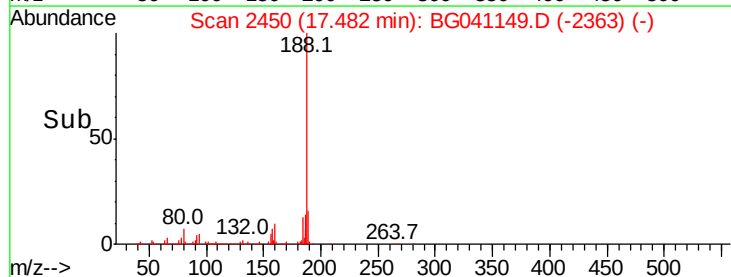
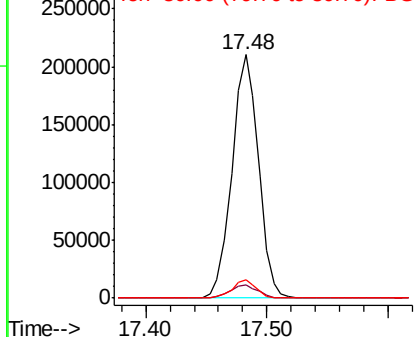


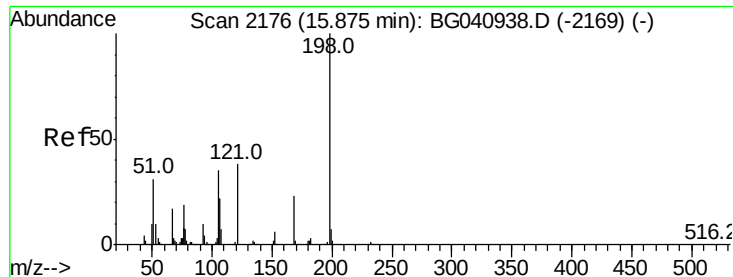
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.02 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.7	7.1
80	7.3	5.8	8.8



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: 47.876 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

Instrument :

BNA_G

ClientSampleId :

8270PBBS1

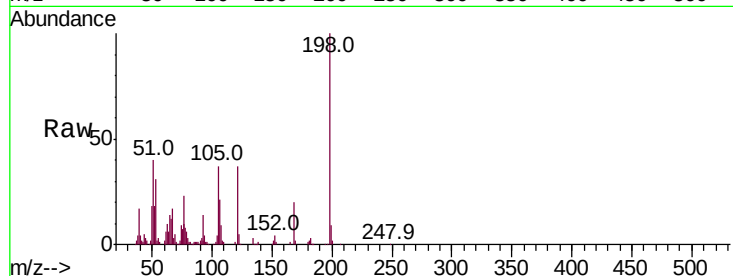
Tot Ion:198 Resp: 82362

Ion Ratio Lower Upper

198 100

51 40.5 21.6 61.6

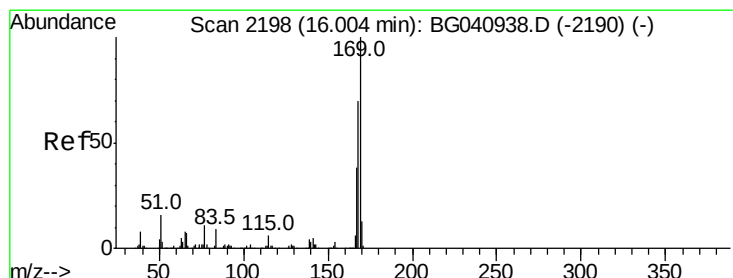
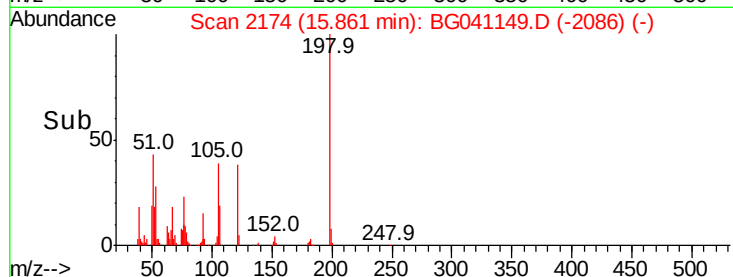
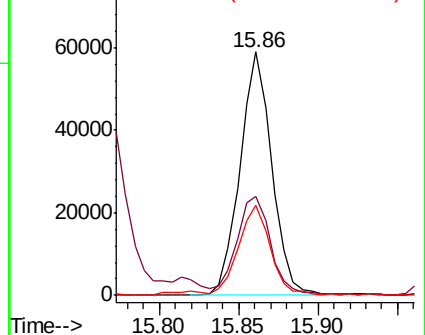
105 36.8 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.296 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.02 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

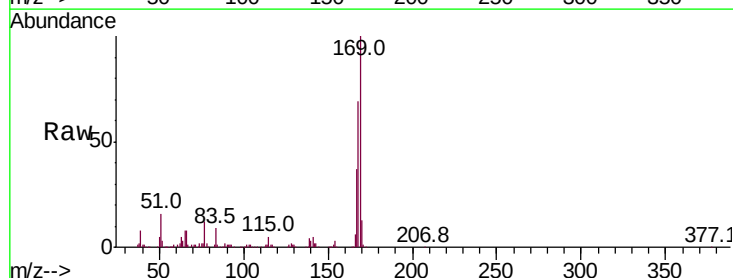
Tgt Ion:169 Resp: 409017

Ion Ratio Lower Upper

169 100

168 69.4 55.7 83.5

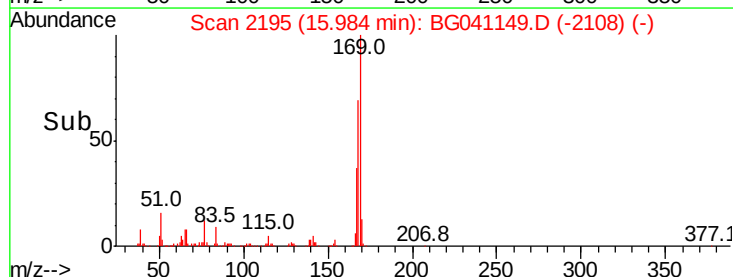
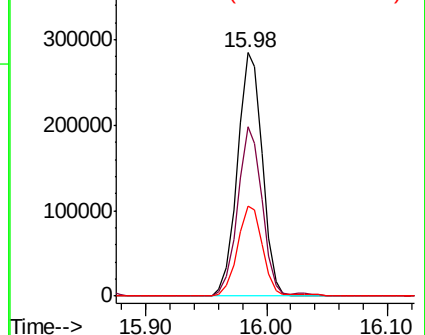
167 37.0 30.2 45.2

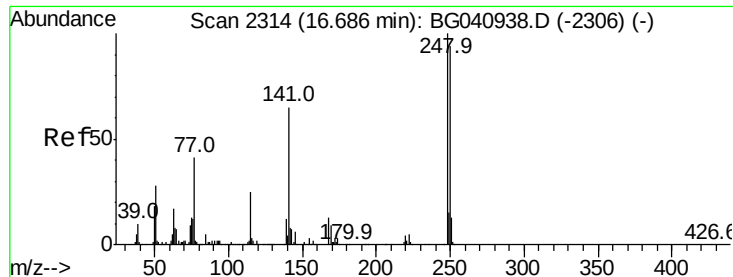


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

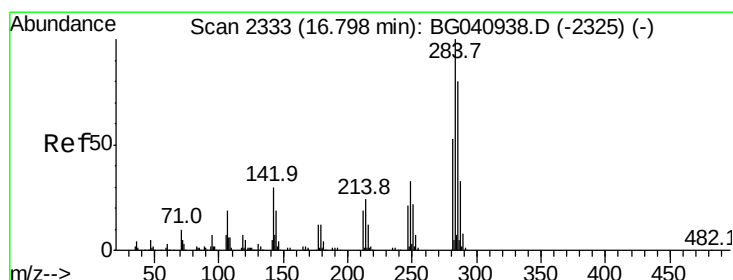
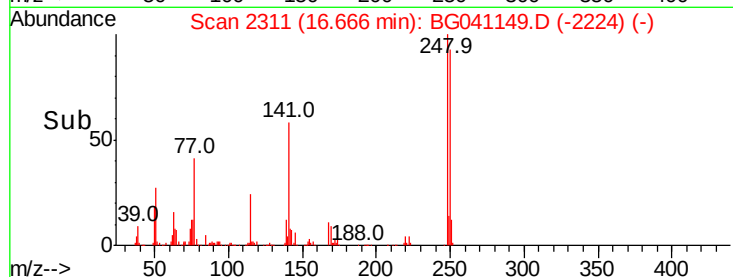
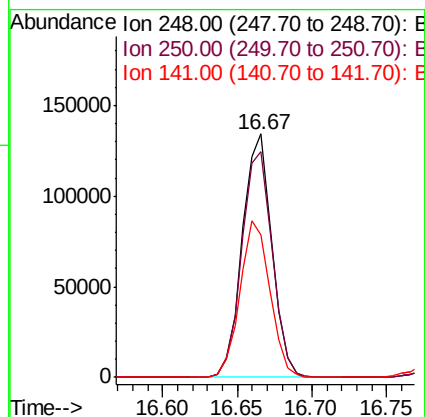
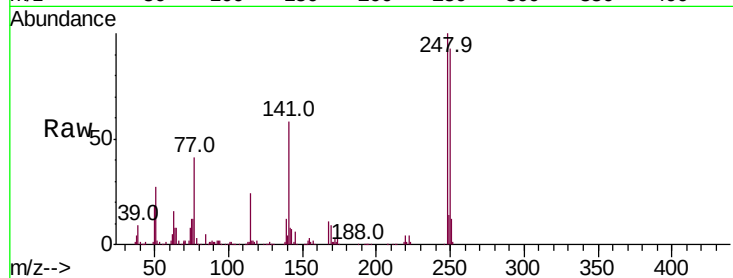




#67
4-Bromophenyl-phenylether
Concen: 42.466 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.02 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

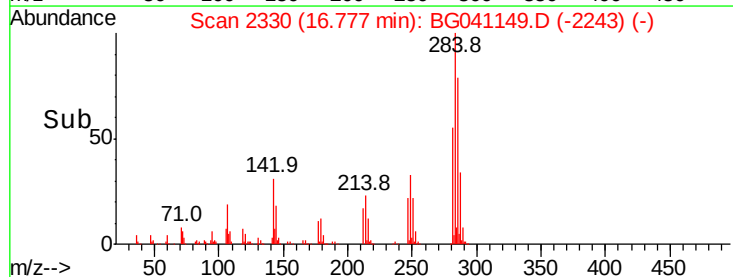
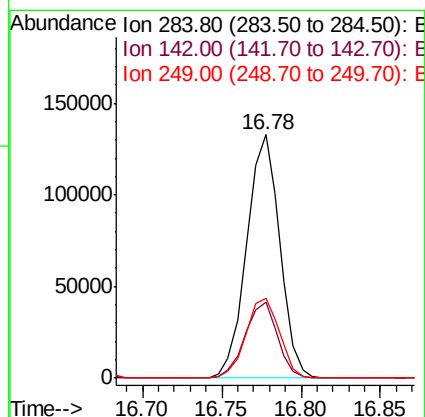
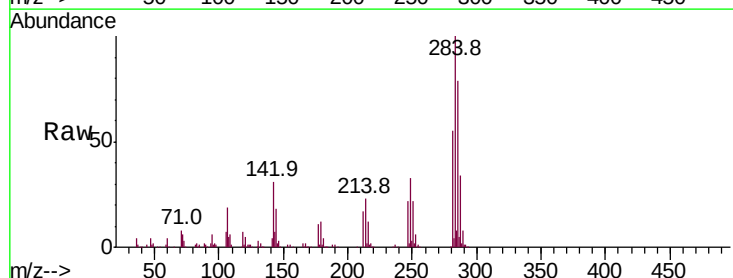
Instrument :
BNA_G
ClientSampleId :
8270PBBS1

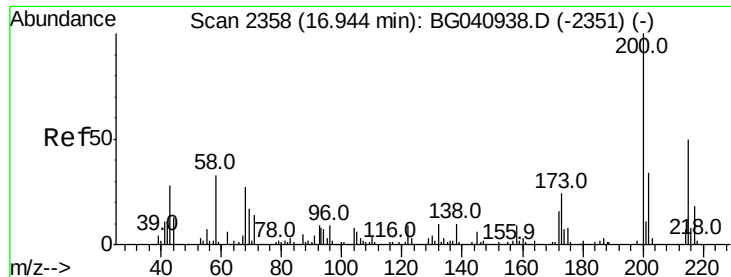
Tot Ion	Ratio	Lower	Upper
248	100		
250	92.6	75.0	112.4
141	58.4	52.4	78.6



#68
Hexachlorobenzene
Concen: 41.728 ng
RT: 16.78 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	23.9	35.9
249	33.0	26.8	40.2

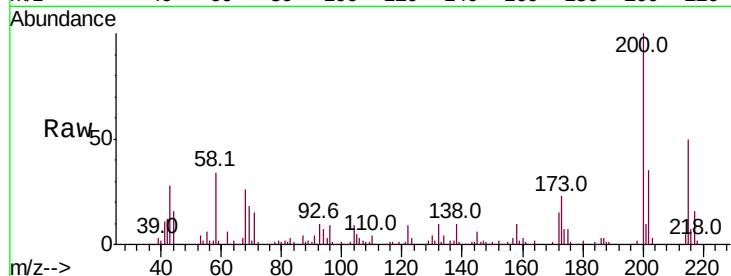




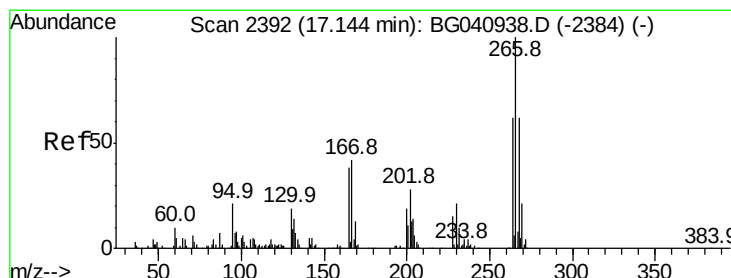
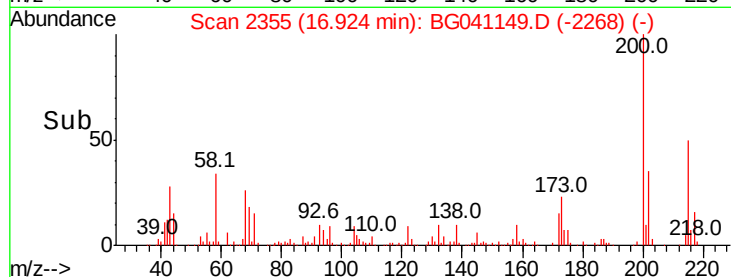
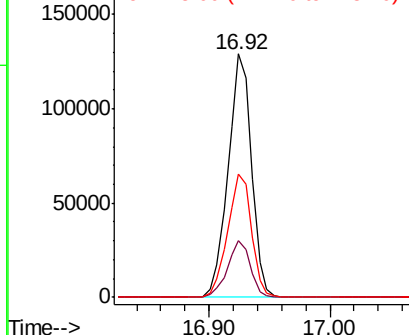
#69
 Atrazine
 Concen: 49.889 ng
 RT: 16.92 min Scan# 2355
 Delta R.T. -0.02 min
 Lab File: BG041149.D
 Acq: 9 Jun 2019 2:16

Instrument :
 BNA_G
 ClientSampleId :
 8270PBBS1

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.1	3.6	43.6
215	50.5	29.6	69.6

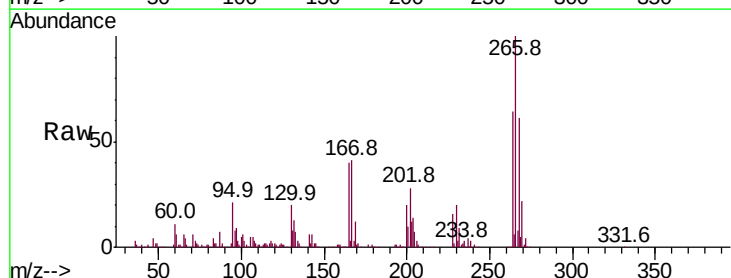


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

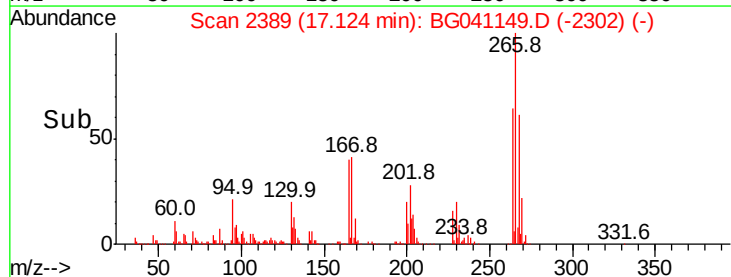
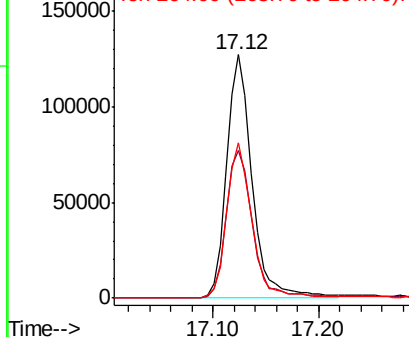


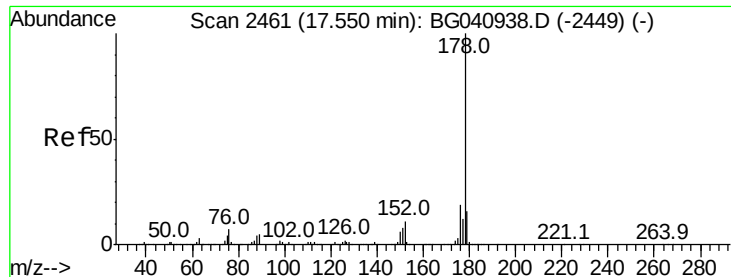
#70
 Pentachlorophenol
 Concen: 85.260 ng
 RT: 17.12 min Scan# 2389
 Delta R.T. -0.02 min
 Lab File: BG041149.D
 Acq: 9 Jun 2019 2:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.6	53.1	79.7
264	63.6	49.9	74.9



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

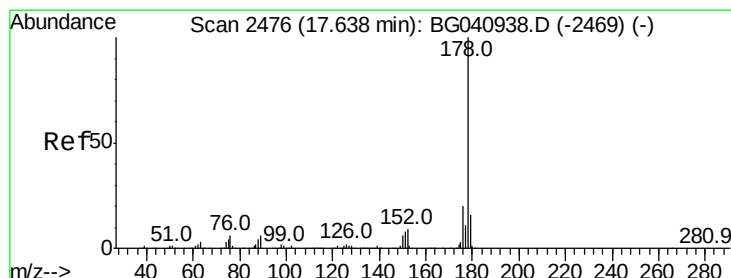
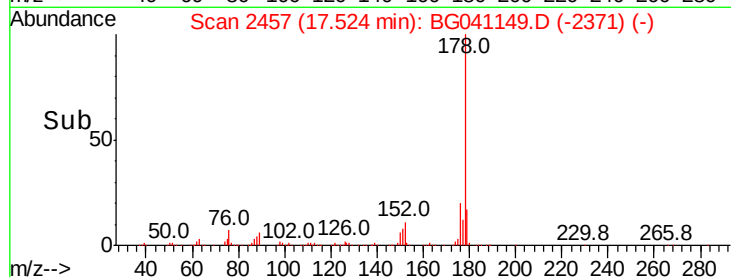
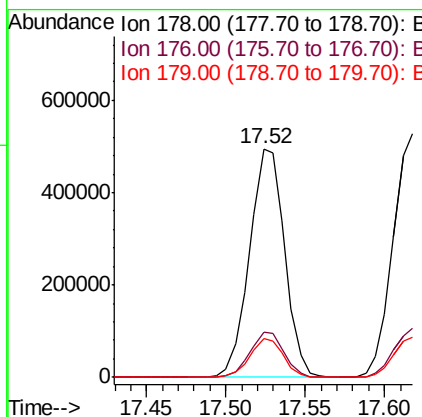
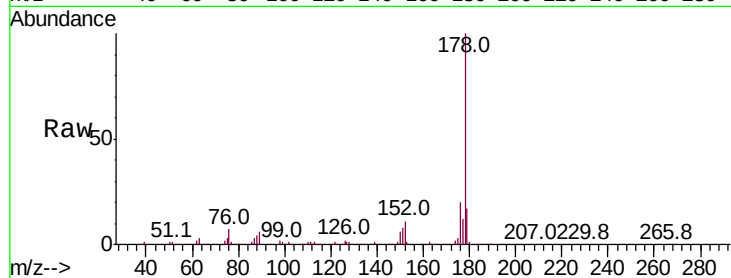




#71
Phenanthrene
Concen: 45.586 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.03 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

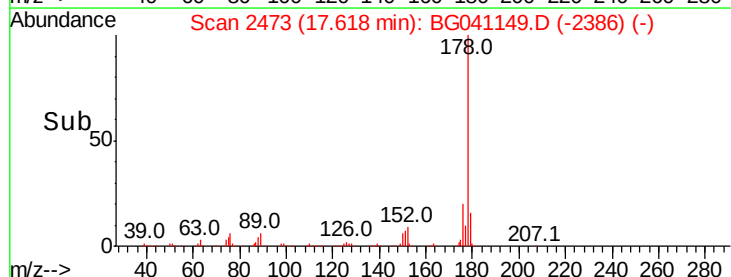
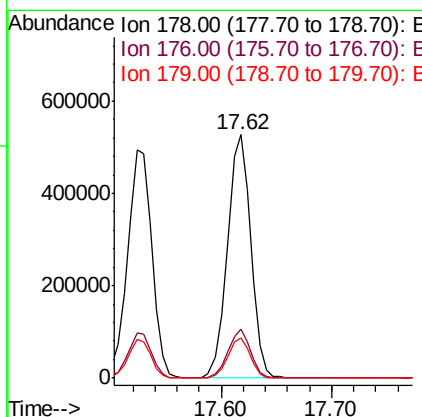
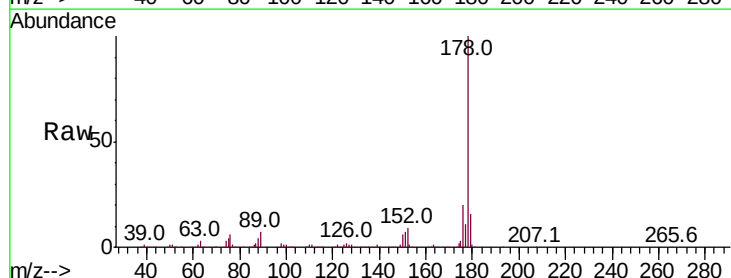
Instrument :
BNA_G
ClientSampleId :
8270PBBS1

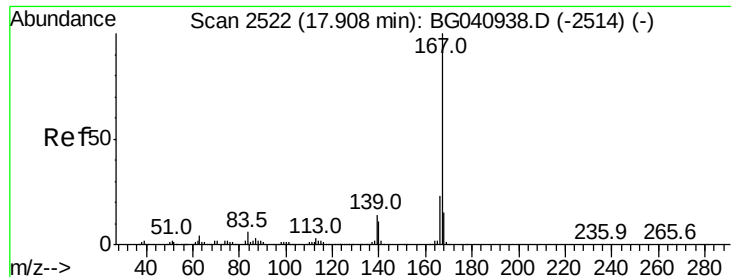
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	16.9	12.7	19.1



#72
Anthracene
Concen: 47.432 ng
RT: 17.62 min Scan# 2473
Delta R.T. -0.02 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.6	23.4
179	16.5	13.0	19.4





#73

Carbazole

Concen: 47.498 ng

RT: 17.89 min Scan# 2519

Delta R.T. -0.02 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

Instrument :

BNA_G

ClientSampleId :

8270PBBS1

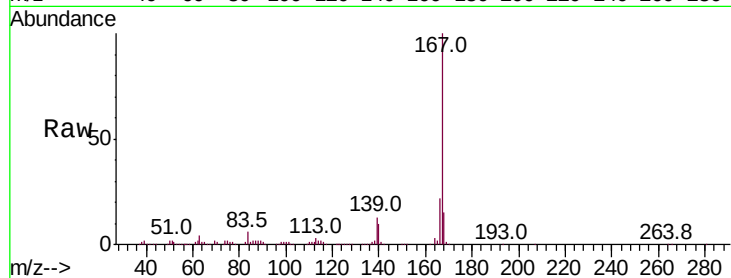
Tot Ion:167 Resp: 672550

Ion Ratio Lower Upper

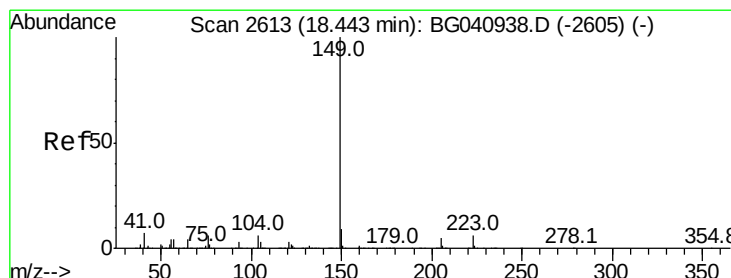
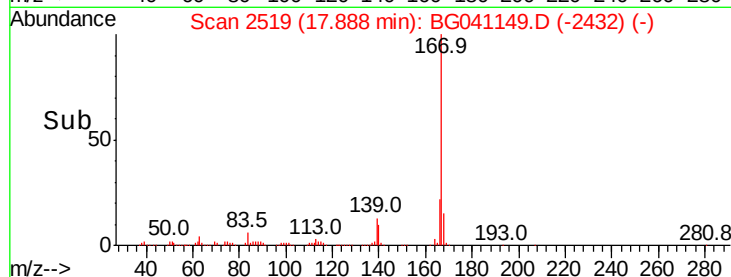
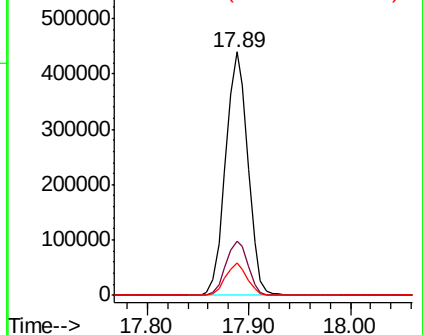
167 100

166 22.3 18.2 27.4

139 13.1 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.196 ng

RT: 18.42 min Scan# 2609

Delta R.T. -0.03 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

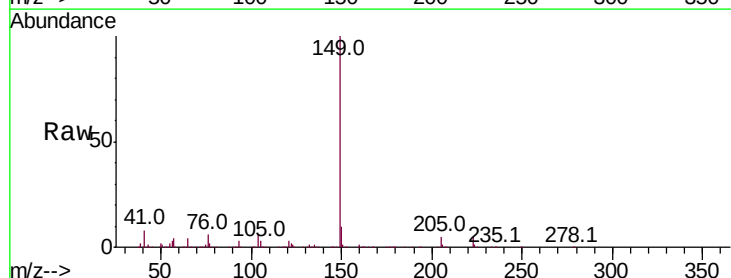
Tgt Ion:149 Resp: 795390

Ion Ratio Lower Upper

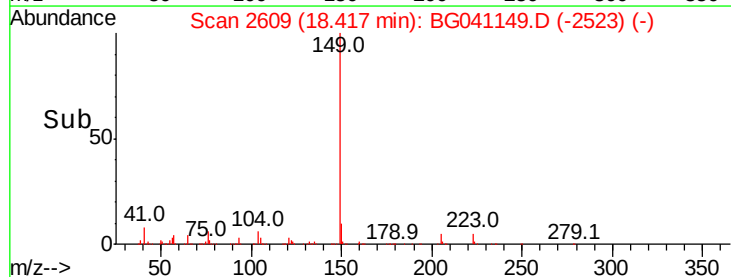
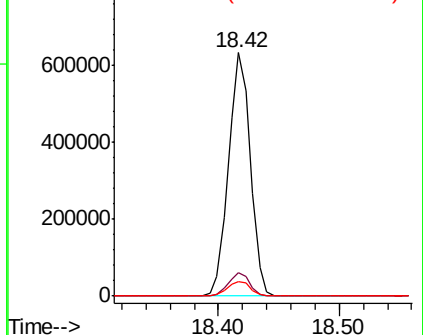
149 100

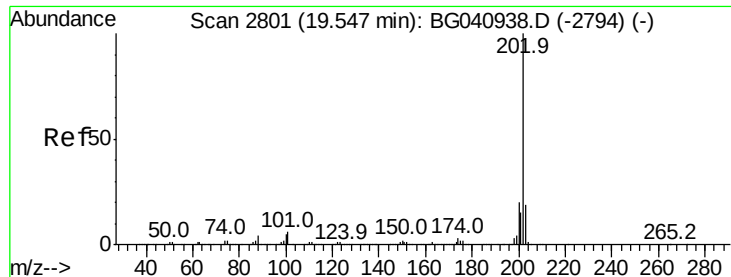
150 9.7 7.4 11.2

104 6.0 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.725 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.02 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

Instrument :

BNA_G

ClientSampleId :

8270PBBS1

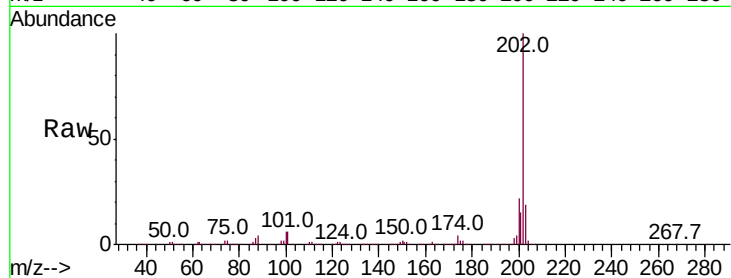
Tot Ion:202 Resp: 986327

Ion Ratio Lower Upper

202 100

101 6.2 0.0 26.2

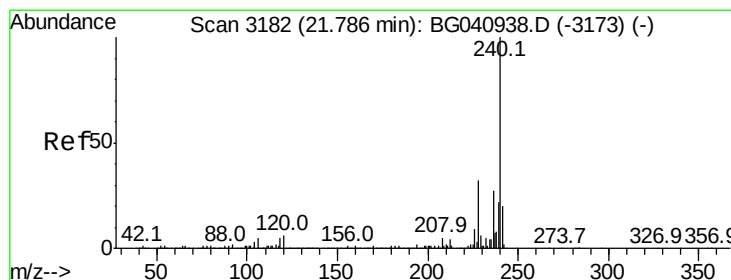
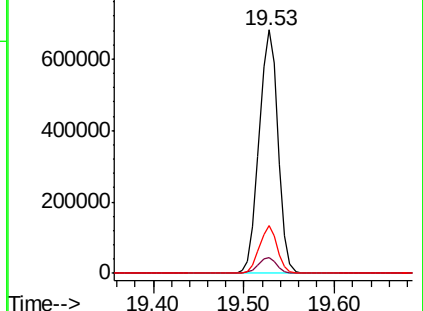
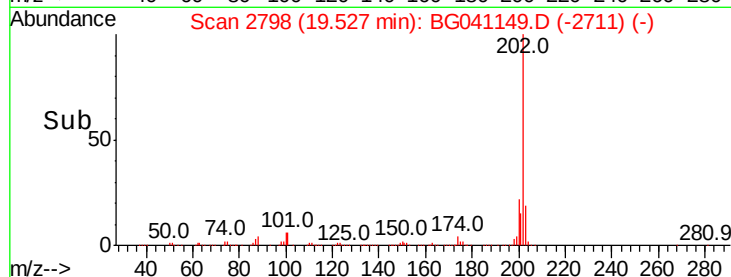
203 19.5 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.03 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

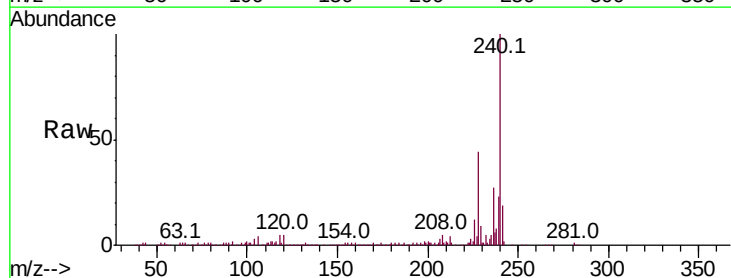
Tgt Ion:240 Resp: 319971

Ion Ratio Lower Upper

240 100

120 5.0 4.5 6.7

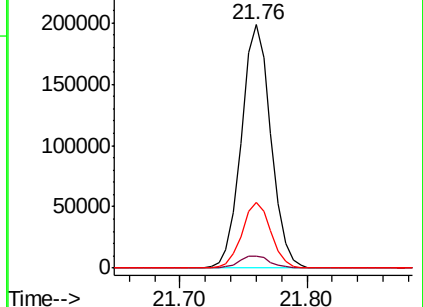
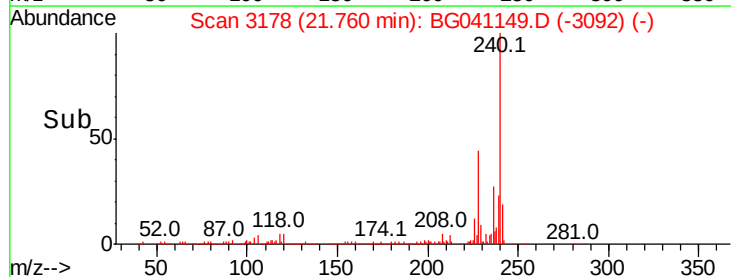
236 26.9 21.3 31.9

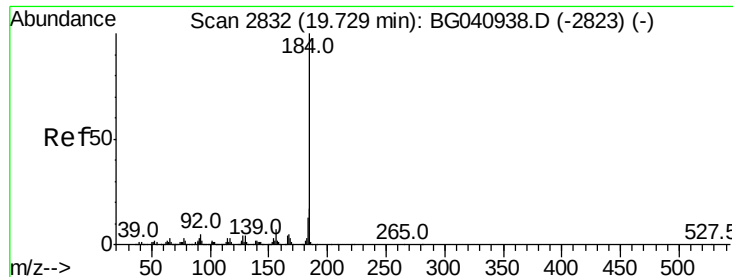


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.942 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

Instrument :

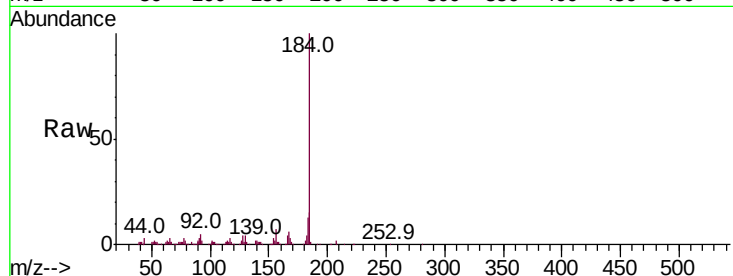
BNA_G

ClientSampleId :

8270PBBS1

Tot Ion:184 Resp: 144586

Ion	Ratio	Lower	Upper
184	100		
185	14.7	13.3	19.9
183	12.9	10.7	16.1

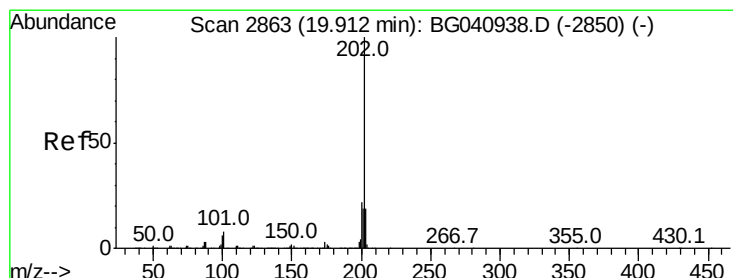
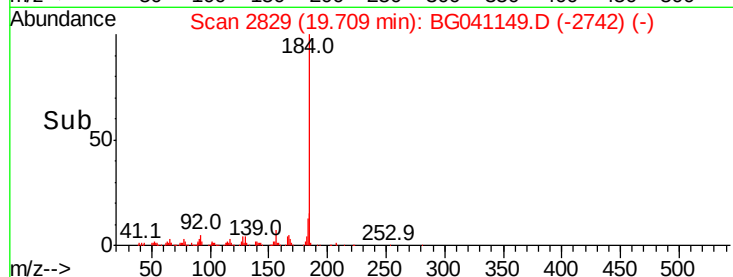
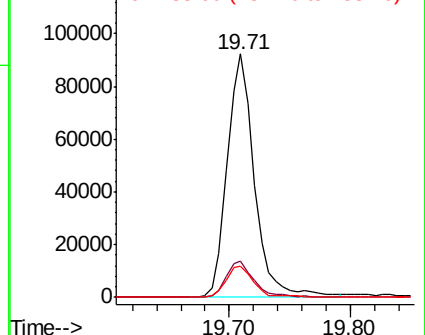


Abundance

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: 47.486 ng

RT: 19.89 min Scan# 2860

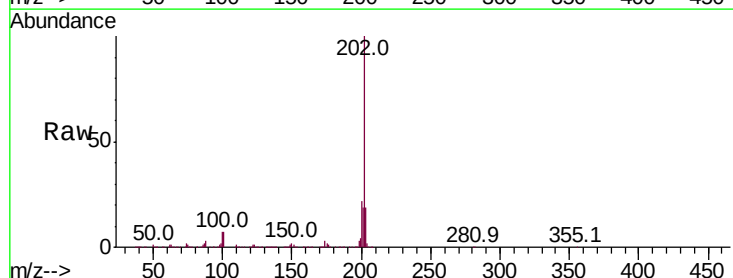
Delta R.T. -0.02 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

Tgt Ion:202 Resp: 987730

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.5	26.3
203	18.7	15.6	23.4

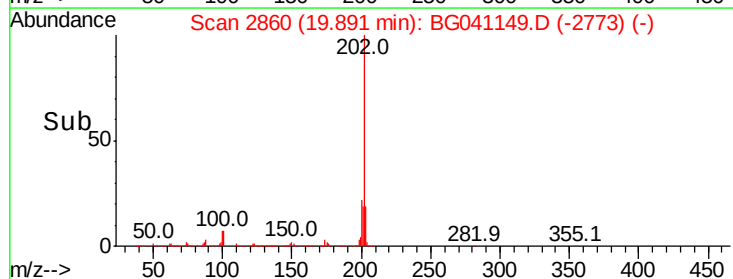
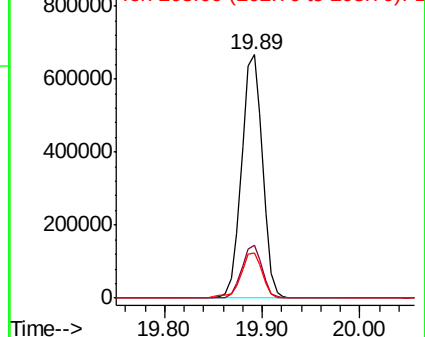


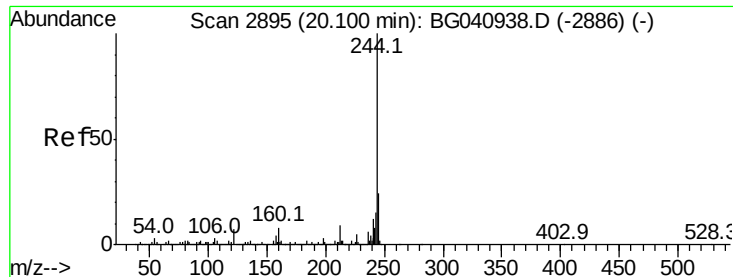
Abundance

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: 97.003 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.03 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

Instrument :

BNA_G

ClientSampled :

8270PBBS1

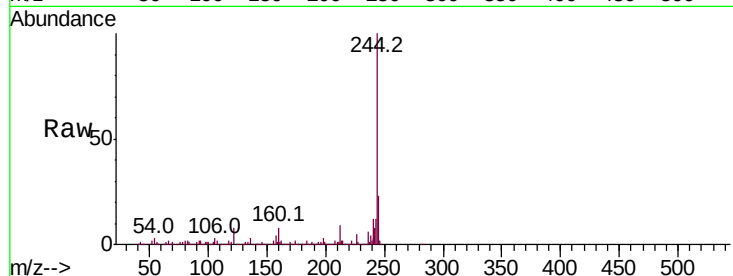
Tot Ion:244 Resp: 1462450

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.4

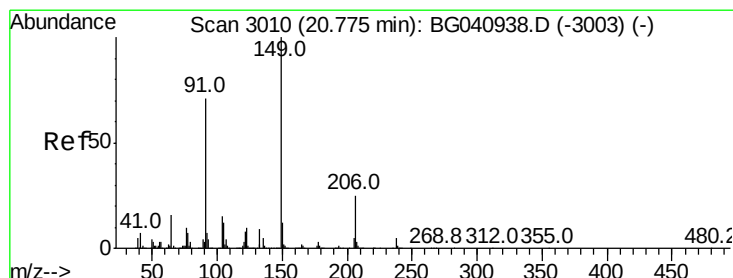
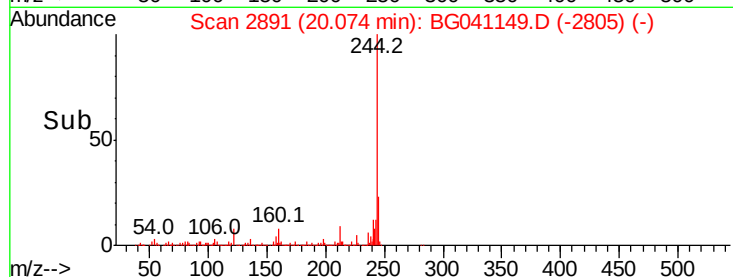
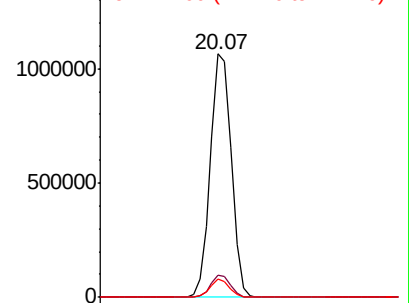
122 7.7 5.4 8.0



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: 46.048 ng

RT: 20.76 min Scan# 3007

Delta R.T. -0.02 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

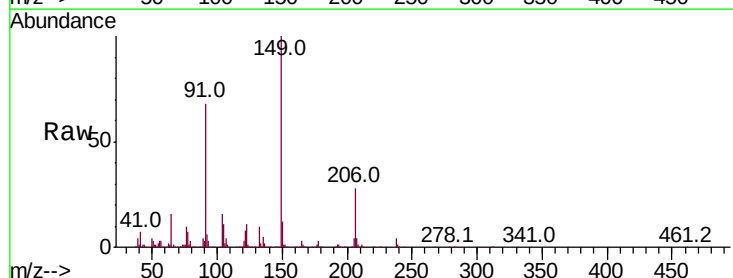
Tgt Ion:149 Resp: 372735

Ion Ratio Lower Upper

149 100

91 67.7 56.5 84.7

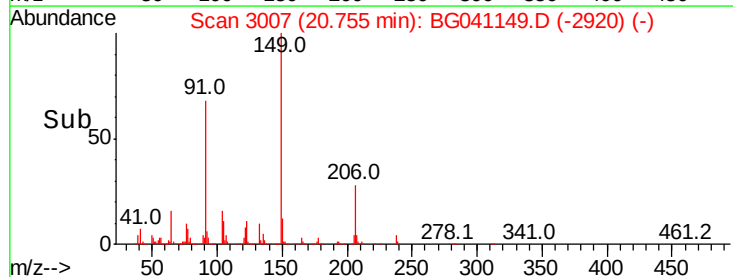
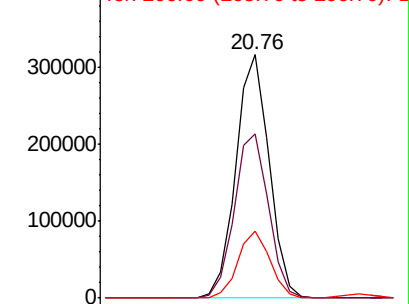
206 27.6 20.3 30.5

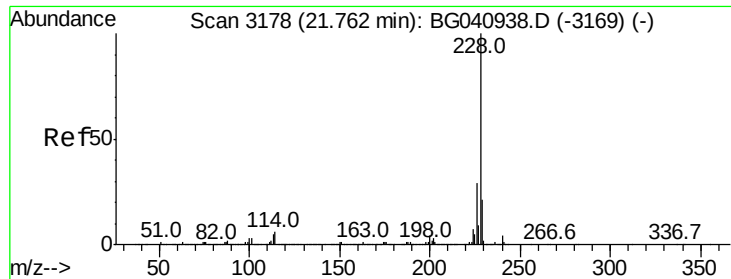


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

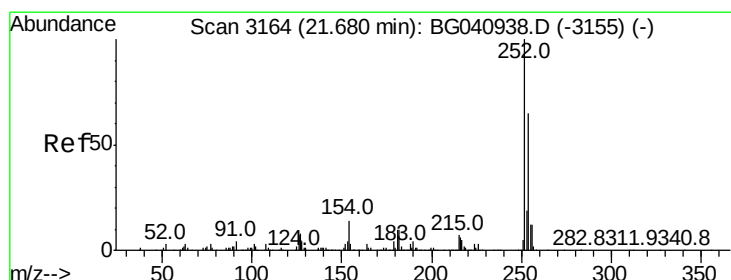
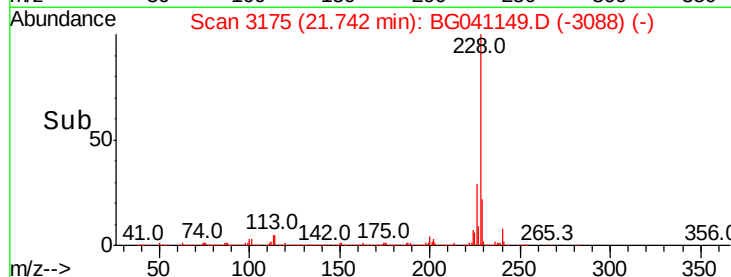
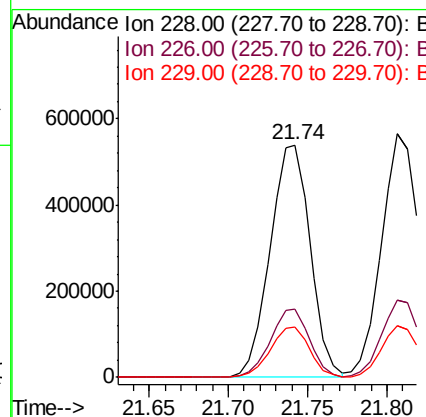
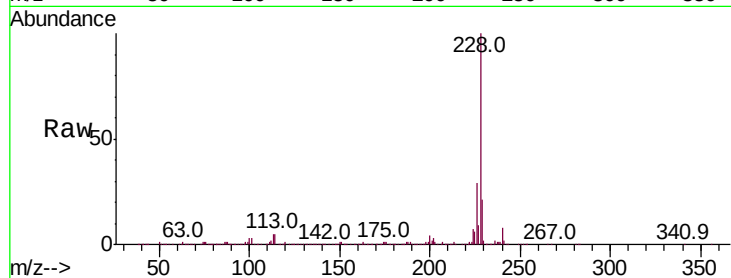




#81
Benzo(a)anthracene
Concen: 44.511 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.02 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

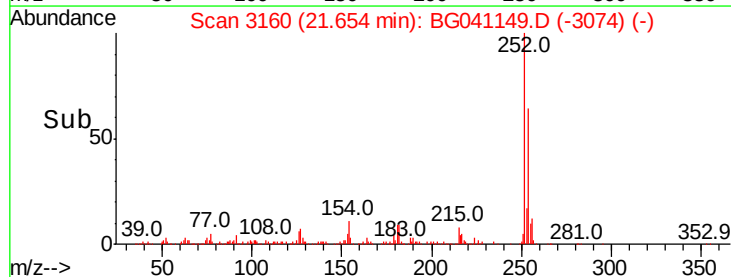
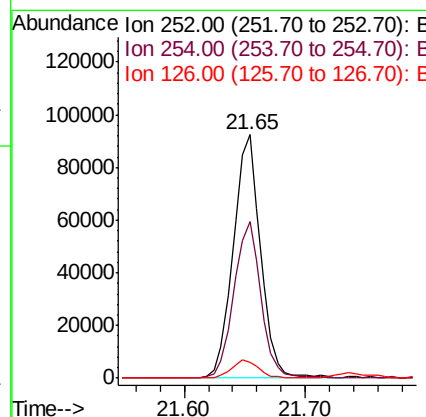
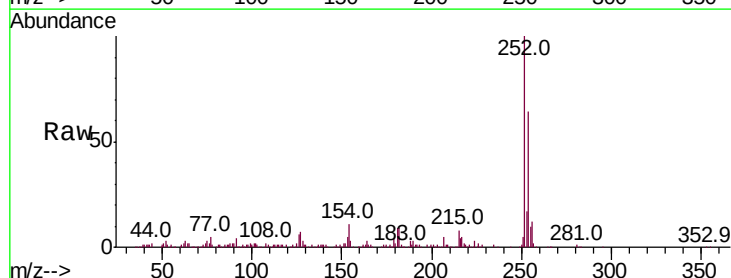
Instrument :
BNA_G
ClientSampleId :
8270PBBS1

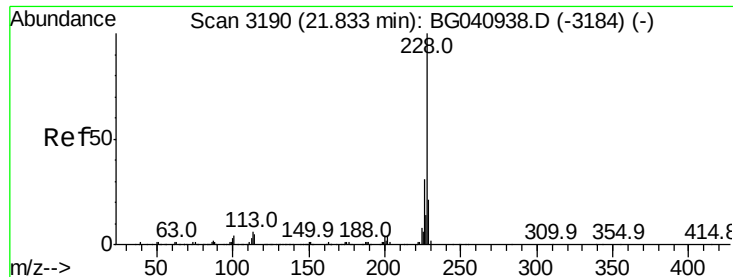
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.5	35.3
229	21.5	16.7	25.1



#82
3,3'-Dichlorobenzidine
Concen: 19.354 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.03 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.1	78.1
126	6.5	5.5	8.3





#83

Chrysene

Concen: 45.594 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.03 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

Instrument :

BNA_G

ClientSampleId :

8270PBBS1

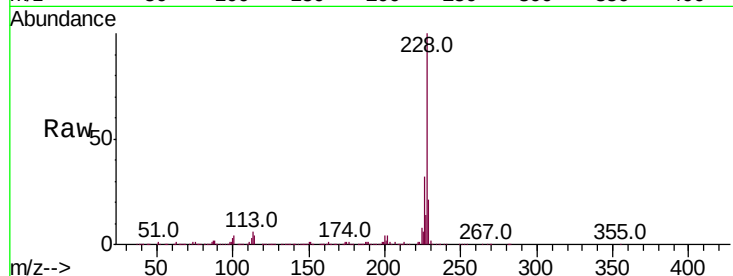
Tot Ion:228 Resp: 929312

Ion Ratio Lower Upper

228 100

226 31.6 24.6 37.0

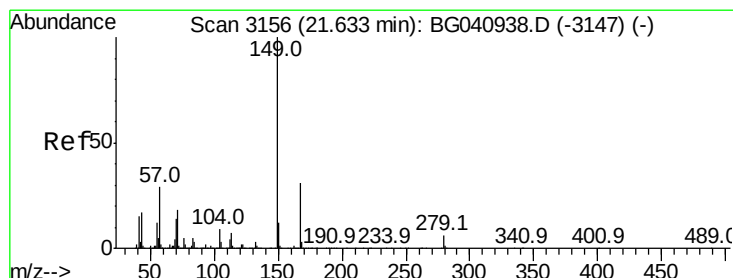
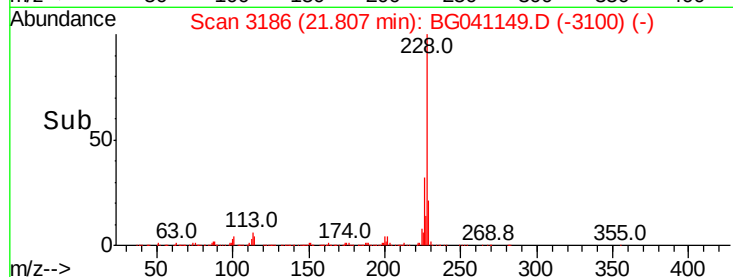
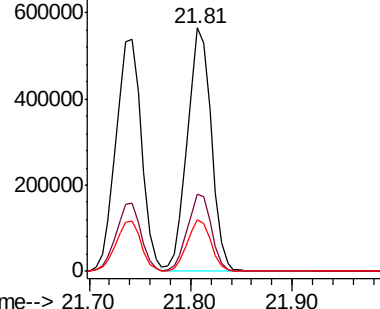
229 21.4 16.6 24.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.216 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.03 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

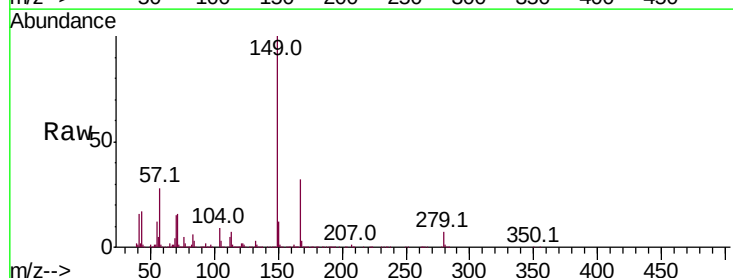
Tgt Ion:149 Resp: 503829

Ion Ratio Lower Upper

149 100

167 31.7 24.6 37.0

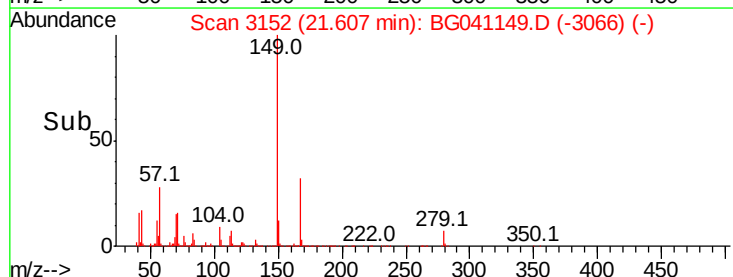
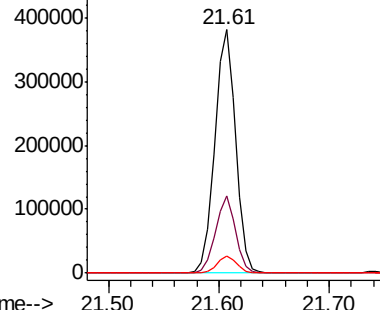
279 6.9 5.0 7.6

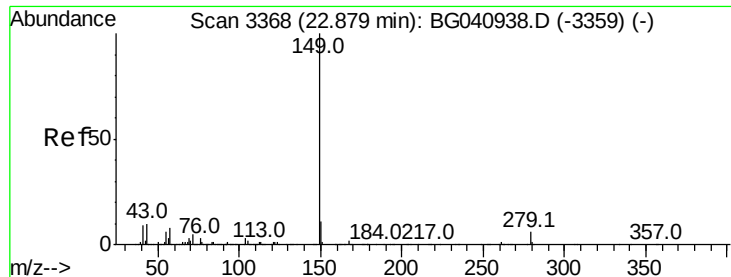


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

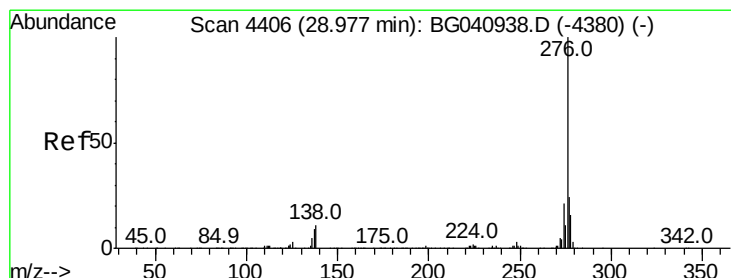
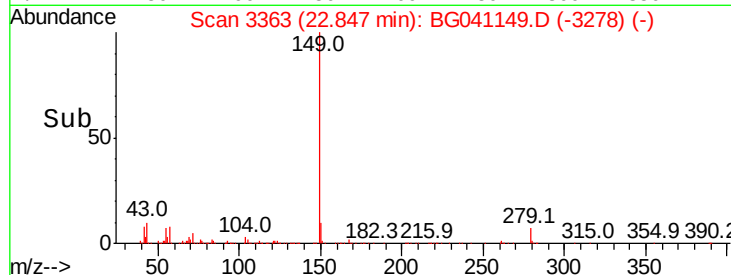
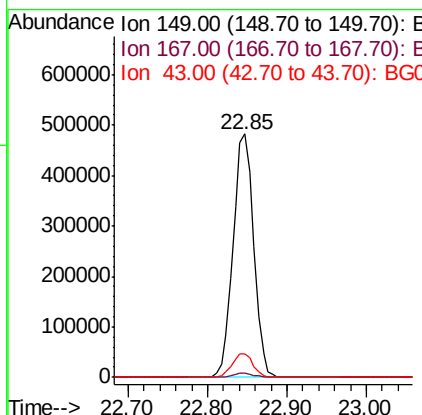
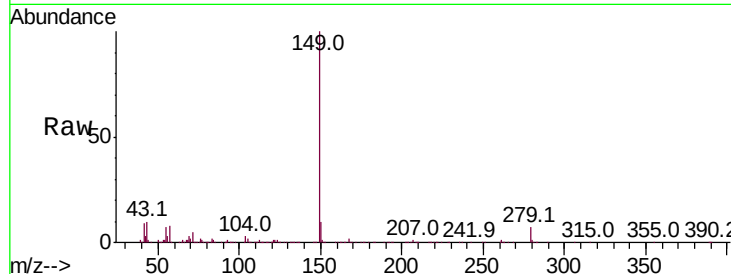




#85
Di-n-octyl phthalate
Concen: 45.650 ng
RT: 22.85 min Scan# 3363
Delta R.T. -0.03 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

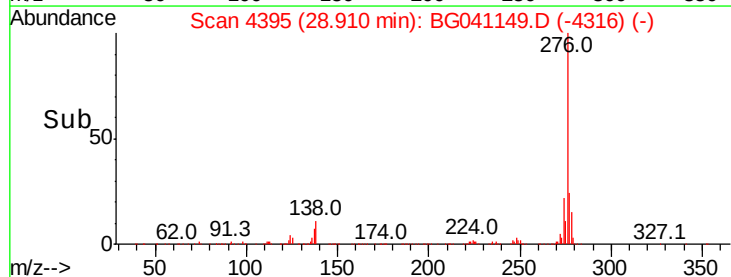
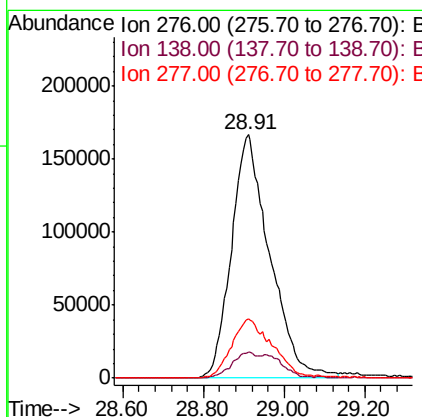
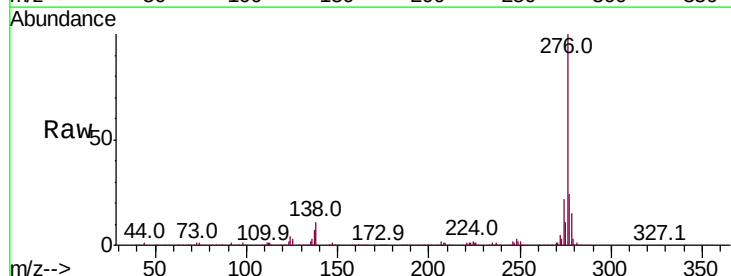
Instrument :
BNA_G
ClientSampleId :
8270PBBS1

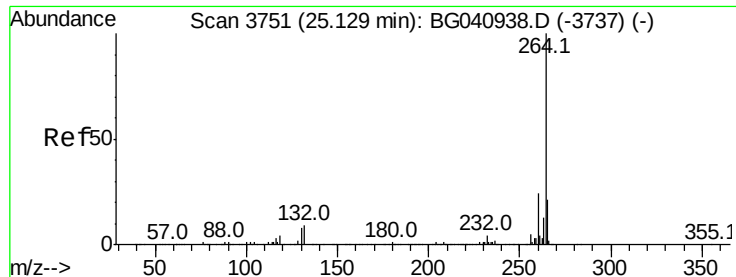
Tot Ion:149 Resp: 866324
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 9.8 8.1 12.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.160 ng
RT: 28.91 min Scan# 4395
Delta R.T. -0.07 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Tgt Ion:276 Resp: 1102586
Ion Ratio Lower Upper
276 100
138 7.8 5.7 8.5
277 25.7 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3744

Delta R.T. -0.04 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

Instrument :

BNA_G

ClientSampleId :

8270PBBS1

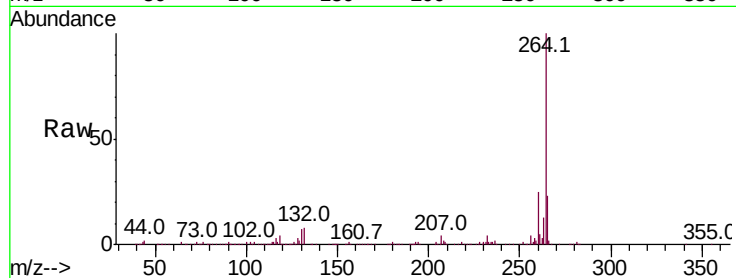
Tot Ion:264 Resp: 343427

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	22.6	17.0	25.4

264 100

260 24.5 19.0 28.4

265 22.6 17.0 25.4

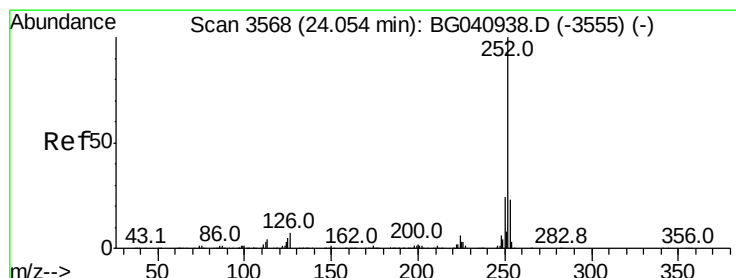
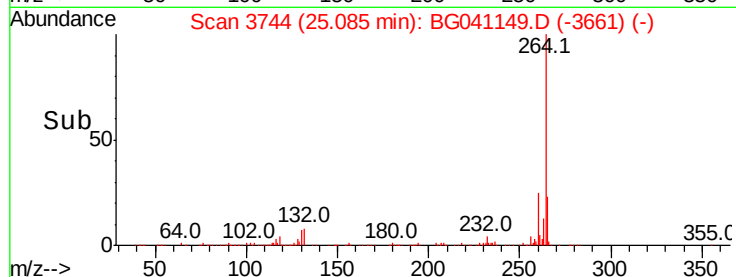
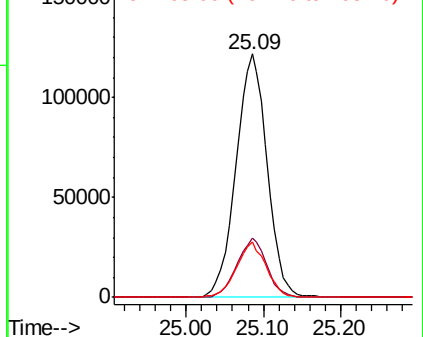


Abundance

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: 46.486 ng

RT: 24.02 min Scan# 3563

Delta R.T. -0.03 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

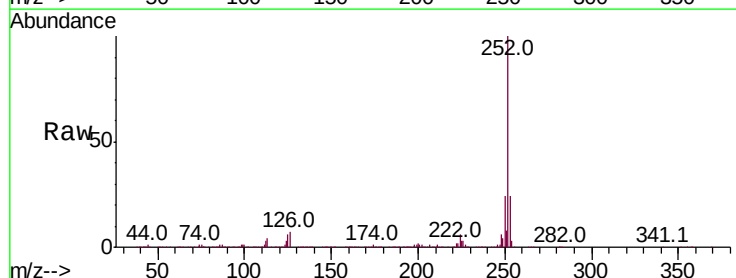
Tgt Ion:252 Resp: 968309

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	5.8	4.3	6.5

252 100

253 23.5 18.4 27.6

125 5.8 4.3 6.5

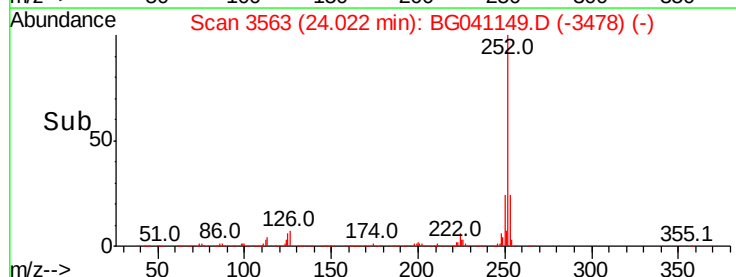
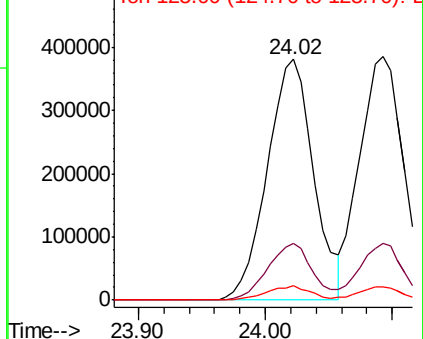


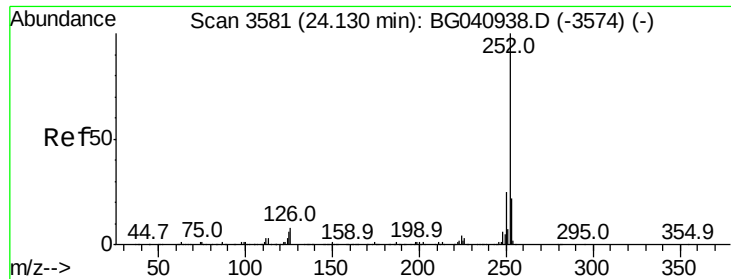
Abundance

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

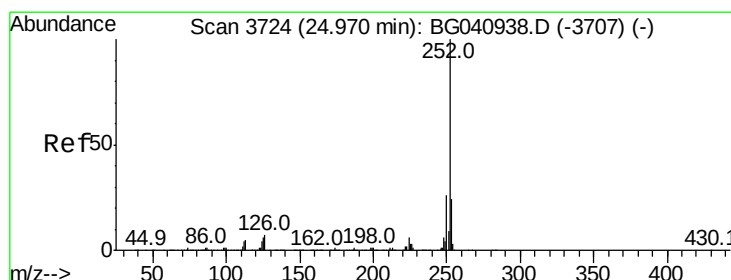
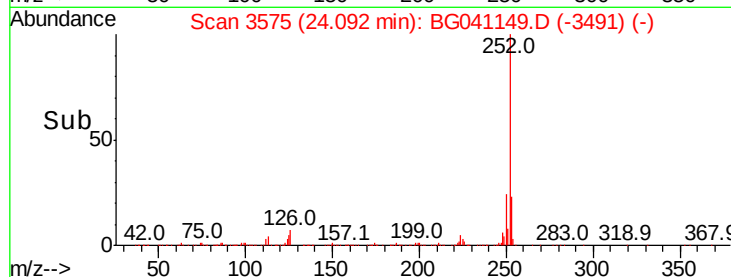
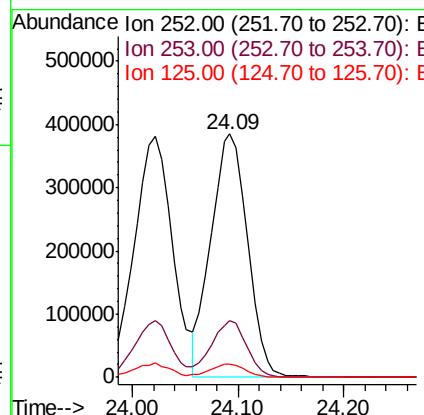
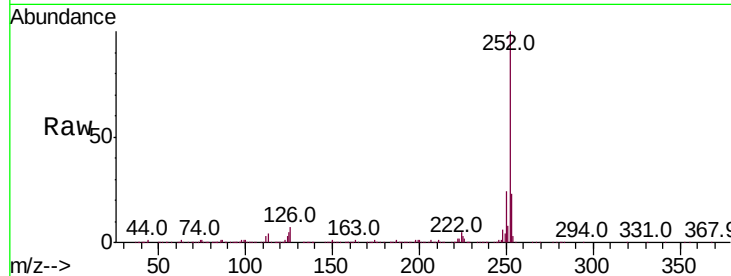




#89
Benzo(k)fluoranthene
Concen: 44.937 ng
RT: 24.09 min Scan# 3575
Delta R.T. -0.04 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

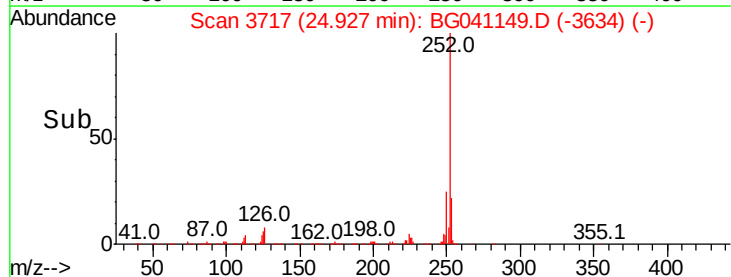
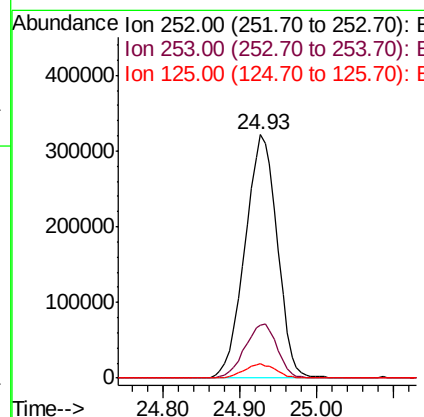
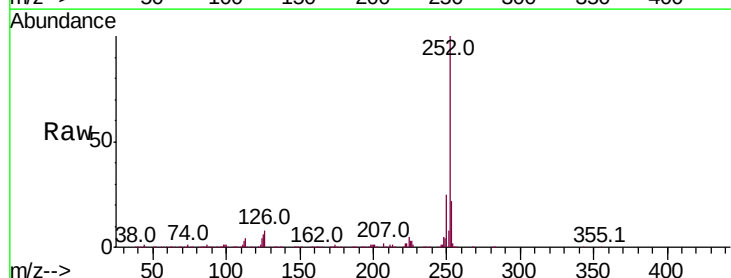
Instrument :
BNA_G
ClientSampleId :
8270PBBS1

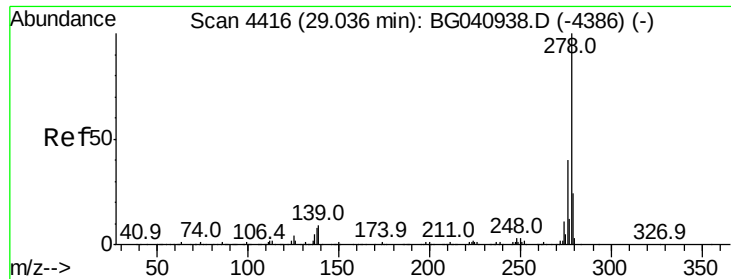
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	5.3	4.7	7.1



#90
Benzo(a)pyrene
Concen: 47.413 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.04 min
Lab File: BG041149.D
Acq: 9 Jun 2019 2:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.5	29.3
125	6.0	5.1	7.7





#91

Dibenzo(a,h)anthracene

Concen: 46.637 ng

RT: 28.97 min Scan# 4406

Delta R.T. -0.06 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

Instrument :

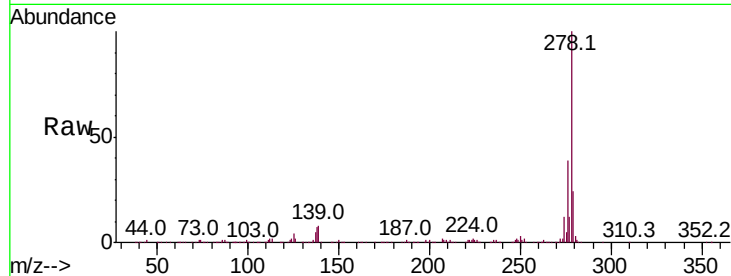
BNA_G

ClientSampleId :

8270PBBS1

Tot Ion:278 Resp: 926109

Ion	Ratio	Lower	Upper
278	100		
139	8.0	7.1	10.7
279	24.2	19.4	29.2

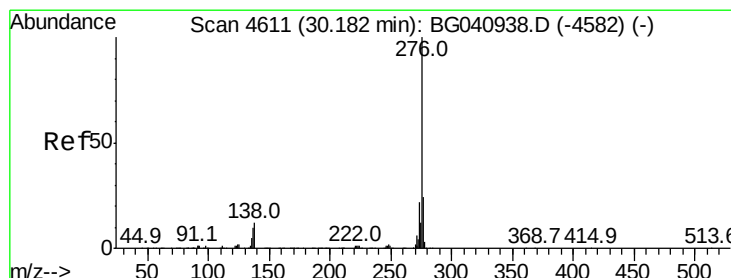
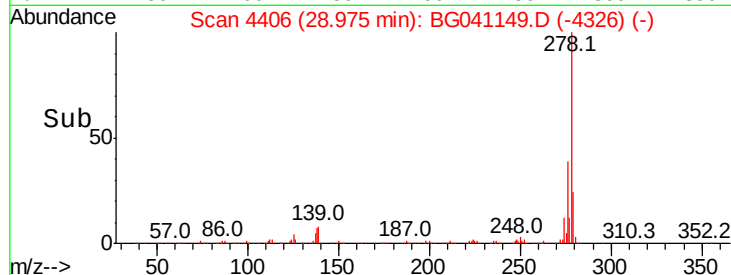
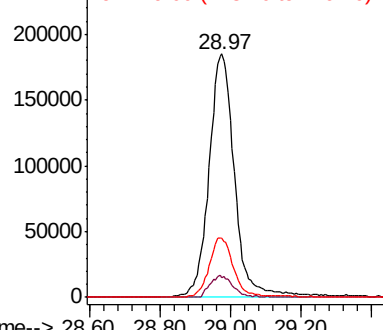


Abundance

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: 46.109 ng

RT: 30.11 min Scan# 4600

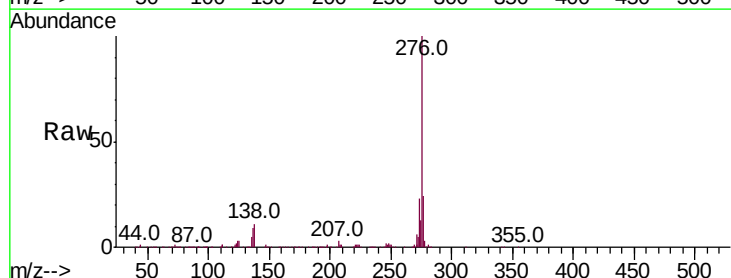
Delta R.T. -0.07 min

Lab File: BG041149.D

Acq: 9 Jun 2019 2:16

Tgt Ion:276 Resp: 889550

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.0
138	11.2	9.7	14.5



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

