

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061419\
 Data File : BG041251.D
 Acq On : 14 Jun 2019 13:03
 Operator : HP/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 14 13:46:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 14 13:13:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	36388	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	153899	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	106075	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	254834	20.00	ng	0.00
76) Chrysene-d12	21.75	240	255534	20.00	ng	0.00
87) Perylene-d12	25.06	264	226958	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	240209	119.04	ng	0.00
7) Phenol-d6	7.25	99	359686	115.41	ng	0.00
23) Nitrobenzene-d5	9.27	82	423613	122.20	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	181173	115.05	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	942861	128.01	ng	0.00
79) Terphenyl-d14	20.07	244	1519071	126.17	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	50854	55.535	ng	98
3) Pyridine	3.90	79	147472	54.427	ng	99
4) n-Nitrosodimethylamine	3.82	42	77228	61.412	ng	# 91
6) Aniline	7.42	93	233258	56.073	ng	98
8) 2-Chlorophenol	7.65	128	142621	59.283	ng	98
9) Benzaldehyde	7.24	77	103425	55.632	ng	97
10) Phenol	7.27	94	192024	57.466	ng	100
11) bis(2-Chloroethyl)ether	7.51	93	140811	58.088	ng	98
12) 1,3-Dichlorobenzene	7.98	146	175120	60.946	ng	95
13) 1,4-Dichlorobenzene	8.13	146	174654	60.050	ng	98
14) 1,2-Dichlorobenzene	8.45	146	170092	60.231	ng	99
15) Benzyl Alcohol	8.33	79	161609	56.058	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	222424	56.151	ng	96
17) 2-Methylphenol	8.53	107	133312	55.101	ng	97
18) Hexachloroethane	9.17	117	68889	61.454	ng	96
19) n-Nitroso-di-n-propylamine	8.90	70	133306	55.583	ng	95
20) 3+4-Methylphenols	8.86	107	187108	55.830	ng	98
22) Acetophenone	8.93	105	253595	58.742	ng	# 99
24) Nitrobenzene	9.32	77	214055	60.590	ng	97
25) Isophorone	9.83	82	375595	56.931	ng	98
26) 2-Nitrophenol	10.03	139	90642	62.236	ng	99
27) 2,4-Dimethylphenol	10.07	122	135714	56.421	ng	100
28) bis(2-Chloroethoxy)methane	10.31	93	204255	57.363	ng	98
29) 2,4-Dichlorophenol	10.56	162	174992	57.289	ng	93
30) 1,2,4-Trichlorobenzene	10.77	180	214264	61.662	ng	98
31) Naphthalene	10.97	128	486840	58.918	ng	99
32) Benzoic acid	10.21	122	63736	37.122	ng	95
33) 4-Chloroaniline	11.08	127	219125	57.154	ng	97
34) Hexachlorobutadiene	11.23	225	166071	62.462	ng	100
35) Caprolactam	11.89	113	52533	52.081	ng	93
36) 4-Chloro-3-methylphenol	12.19	107	186892	53.574	ng	93
37) 2-Methylnaphthalene	12.56	142	371132	58.317	ng	95
38) 1-Methylnaphthalene	12.78	142	346881	57.842	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	273922	64.069	ng	99

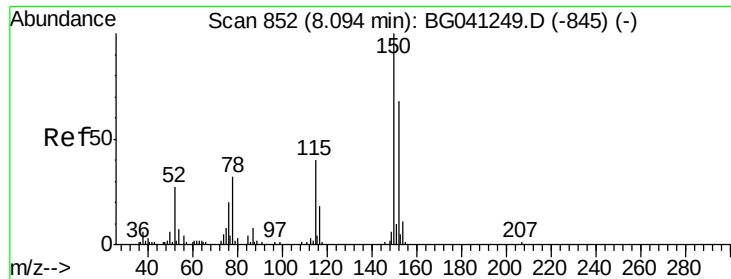
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061419\
 Data File : BG041251.D
 Acq On : 14 Jun 2019 13:03
 Operator : HP/JU
 Sample : SSTDICC060
 Misc :
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Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 14 13:13:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	133396	69.636	ng	95
43) 2,4,6-Trichlorophenol	13.16	196	167955	60.726	ng	97
44) 2,4,5-Trichlorophenol	13.24	196	171726	58.872	ng	97
46) 1,1'-Biphenyl	13.56	154	492609	62.738	ng	97
47) 2-Chloronaphthalene	13.61	162	429676	63.743	ng	97
48) 2-Nitroaniline	13.82	65	150319	62.161	ng	98
49) Acenaphthylene	14.45	152	615569	60.676	ng	99
50) Dimethylphthalate	14.17	163	529168	58.932	ng	99
51) 2,6-Dinitrotoluene	14.31	165	116918	60.391	ng	94
52) Acenaphthene	14.79	154	368476	59.955	ng	98
53) 3-Nitroaniline	14.64	138	113721	58.742	ng	96
54) 2,4-Dinitrophenol	14.85	184	28294	37.700	ng	# 88
55) Dibenzofuran	15.13	168	625660	60.501	ng	99
56) 4-Nitrophenol	14.94	139	69045	51.996	ng	92
57) 2,4-Dinitrotoluene	15.09	165	162005	59.239	ng	97
58) Fluorene	15.77	166	481936	58.518	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	162333	56.629	ng	98
60) Diethylphthalate	15.53	149	533847	58.257	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	319164	59.622	ng	98
62) 4-Nitroaniline	15.81	138	116172	56.682	ng	97
63) Azobenzene	16.05	77	482562	57.940	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	66376	54.287	ng	94
66) n-Nitrosodiphenylamine	15.98	169	428083	59.757	ng	98
67) 4-Bromophenyl-phenylether	16.65	248	205262	59.685	ng	97
68) Hexachlorobenzene	16.77	284	217118	59.288	ng	98
69) Atrazine	16.91	200	126048	45.601	ng	99
70) Pentachlorophenol	17.11	266	91694	51.668	ng	98
71) Phenanthrene	17.51	178	800298	60.291	ng	99
72) Anthracene	17.61	178	802980	61.335	ng	99
73) Carbazole	17.88	167	686144	61.082	ng	99
74) Di-n-butylphthalate	18.41	149	851947	61.021	ng	100
75) Fluoranthene	19.52	202	1031295	62.901	ng	97
77) Benzidine	19.70	184	239821	39.342	ng	97
78) Pyrene	19.88	202	1041727	62.712	ng	98
80) Butylbenzylphthalate	20.74	149	399512	61.801	ng	99
81) Benzo(a)anthracene	21.72	228	1012076	59.499	ng	99
82) 3,3'-Dichlorobenzidine	21.64	252	327649	54.765	ng	95
83) Chrysene	21.80	228	989561	60.792	ng	97
84) Bis(2-ethylhexyl)phthalate	21.59	149	552147	60.675	ng	99
85) Di-n-octyl phthalate	22.83	149	931651	61.472	ng	99
86) Indeno(1,2,3-cd)pyrene	28.86	276	603853	30.284	ng	# 70
88) Benzo(b)fluoranthene	24.00	252	845489	61.420	ng	100
89) Benzo(k)fluoranthene	24.07	252	1035370	76.006	ng	99
90) Benzo(a)pyrene	24.90	252	816378	62.160	ng	98
91) Dibenzo(a,h)anthracene	28.93	278	421534	32.121	ng	99
92) Benzo(g,h,i)perylene	30.06	276	377638	29.620	ng	98

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

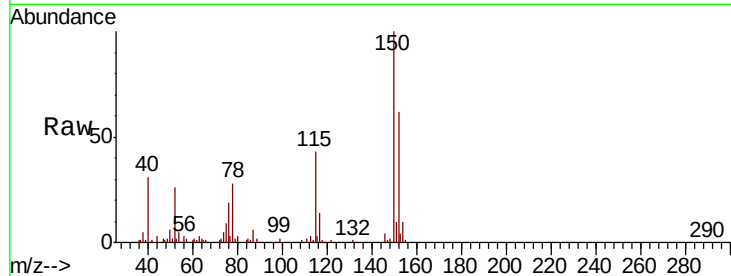


#1

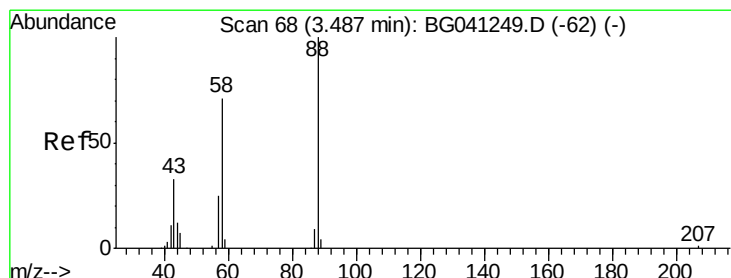
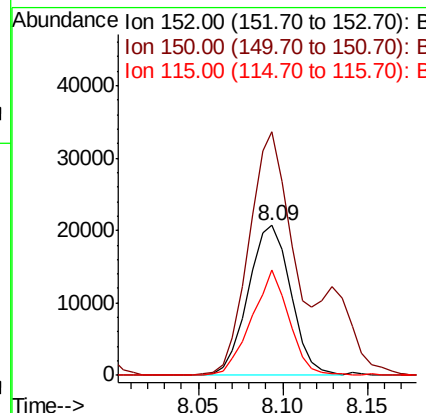
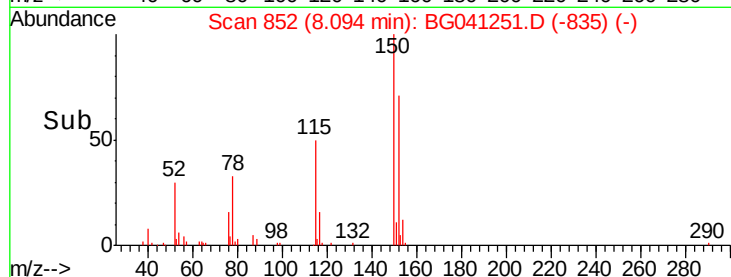
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG041251.D
 Acq: 14 Jun 2019 13:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	152	Resp	36388
Ion Ratio	Lower	Upper	
152	100		
150	162.3	118.6	177.8
115	69.9	47.7	71.5



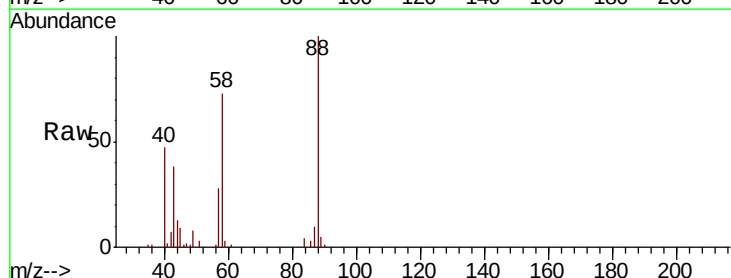
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



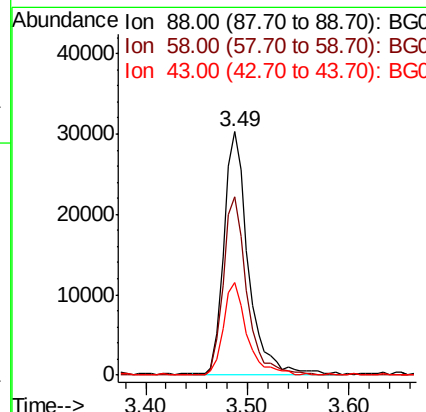
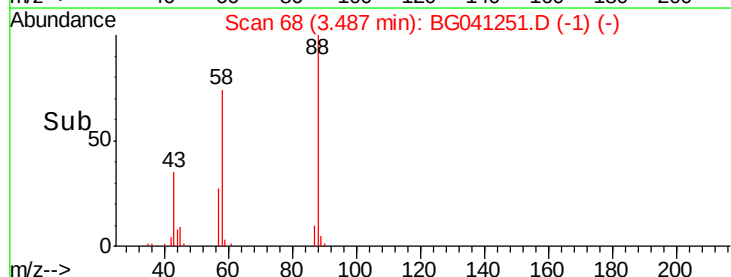
#2

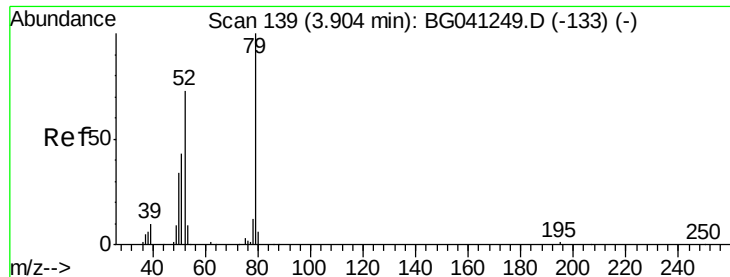
1,4-Dioxane
 Concen: 55.535 ng
 RT: 3.49 min Scan# 68
 Delta R.T. 0.00 min
 Lab File: BG041251.D
 Acq: 14 Jun 2019 13:03

Tgt Ion	88	Resp	50854
Ion Ratio	Lower	Upper	
88	100		
58	70.3	57.5	86.3
43	36.4	27.8	41.8



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: 54.427 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.01 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

Instrument :

BNA_G

ClientSampleId :

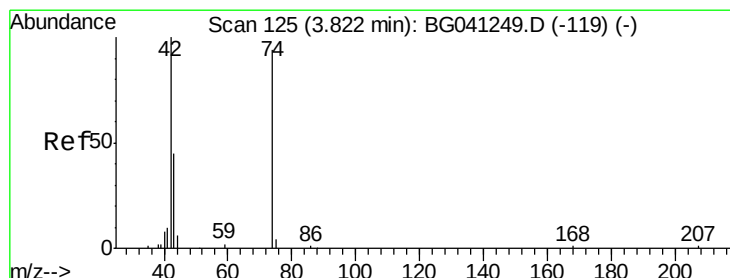
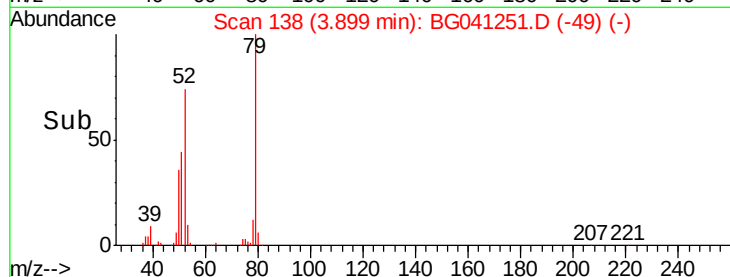
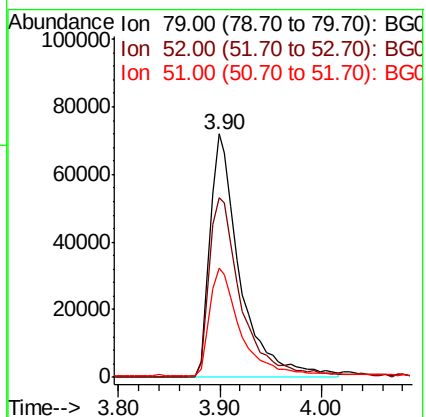
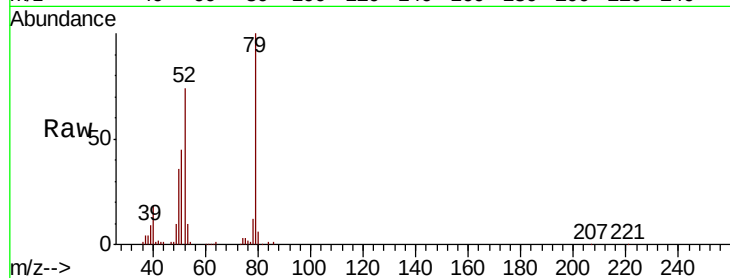
Tot Ion: 79 Resp: 147472

Ion Ratio Lower Upper

79 100

52 74.0 58.2 87.4

51 45.0 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 61.412 ng

RT: 3.82 min Scan# 125

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

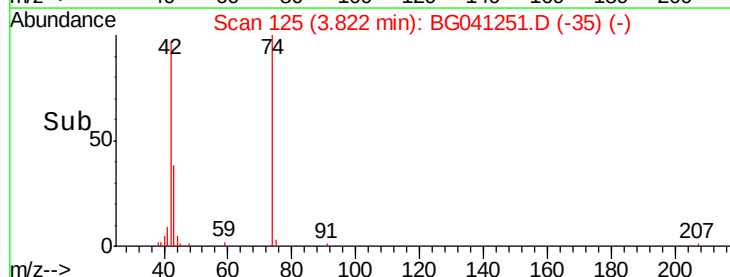
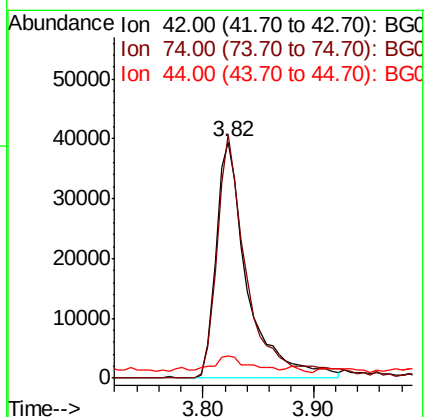
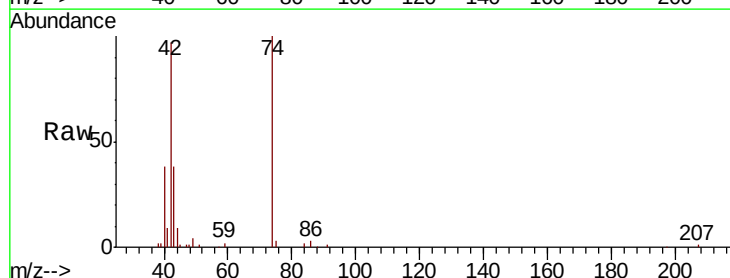
Tgt Ion: 42 Resp: 77228

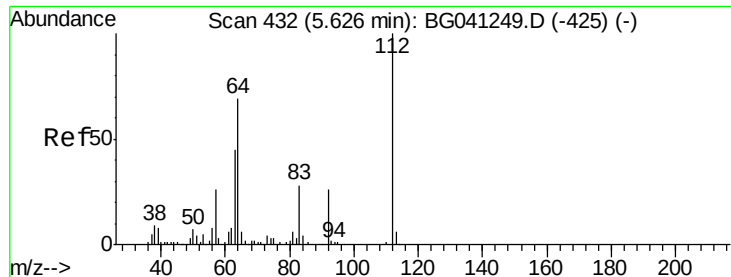
Ion Ratio Lower Upper

42 100

74 103.0 75.2 112.8

44 9.2 9.4 14.2#





#5

2-Fluorophenol

Concen: 119.036 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

Instrument :

BNA_G

ClientSampleId :

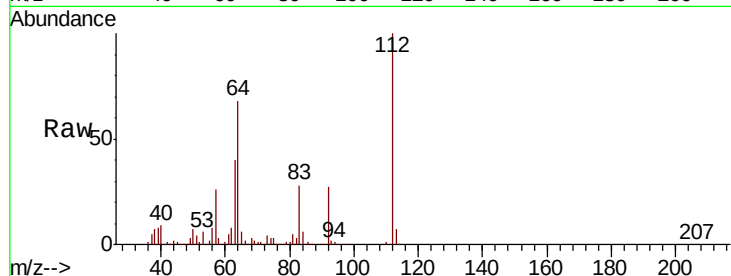
Tot Ion:112 Resp: 240209

Ion Ratio Lower Upper

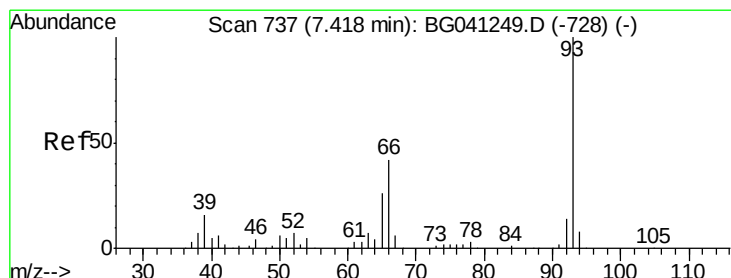
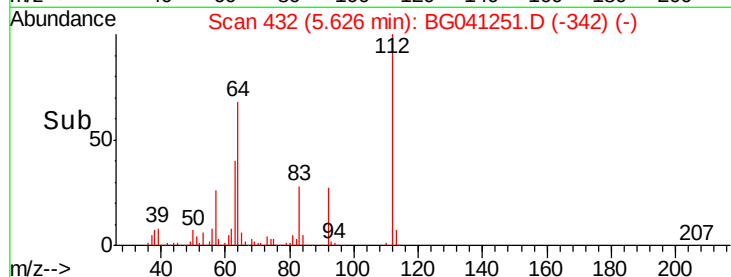
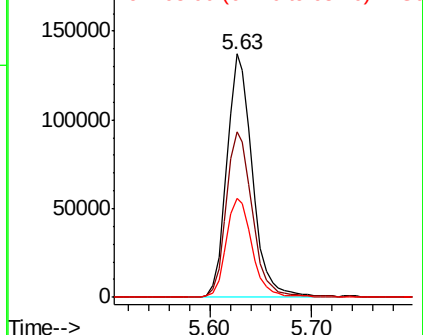
112 100

64 68.2 55.2 82.8

63 40.5 35.8 53.8



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: 56.073 ng

RT: 7.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

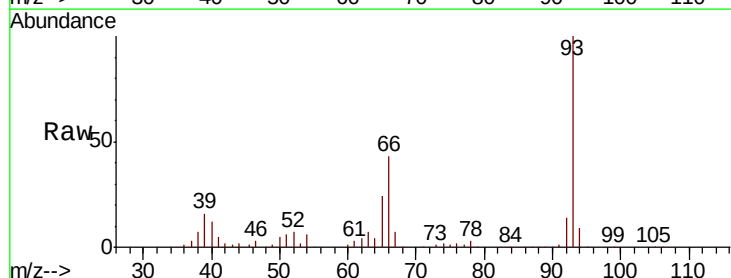
Tgt Ion: 93 Resp: 233258

Ion Ratio Lower Upper

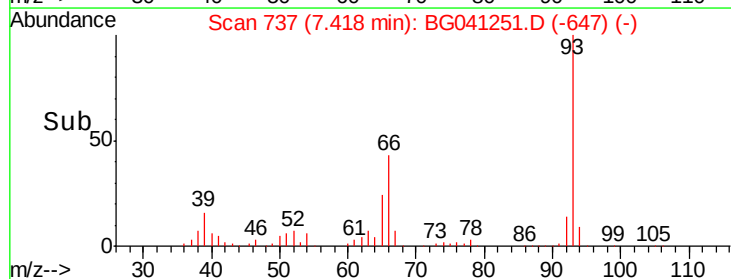
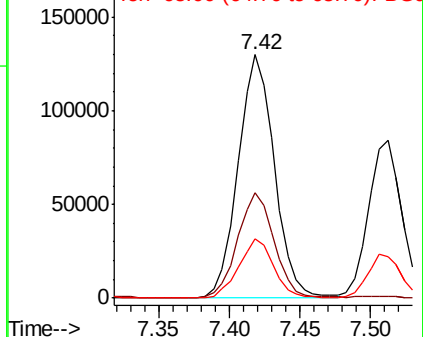
93 100

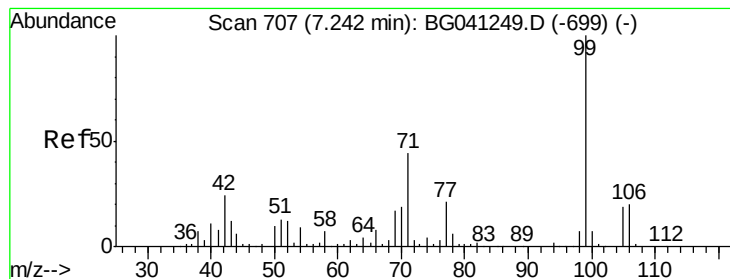
66 43.4 33.8 50.8

65 24.2 20.7 31.1



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: 115.413 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

Instrument :

BNA_G

ClientSampled :

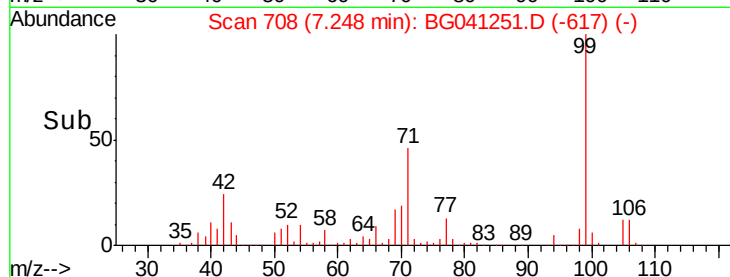
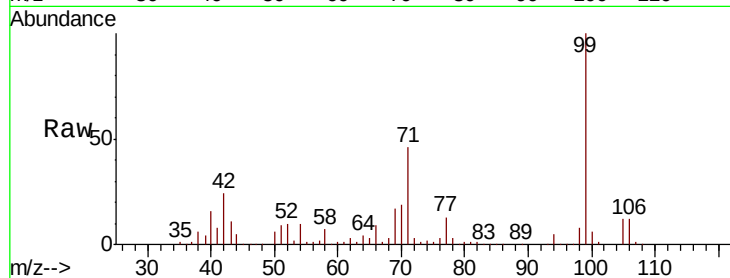
Tot Ion: 99 Resp: 359686

Ion Ratio Lower Upper

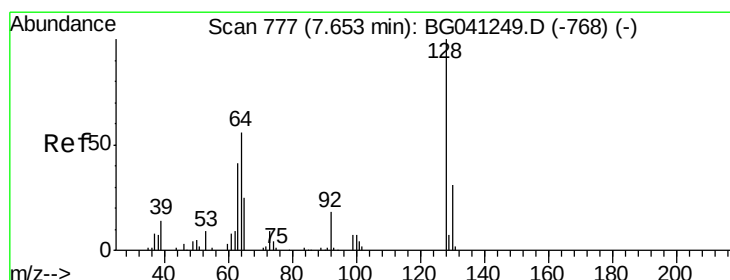
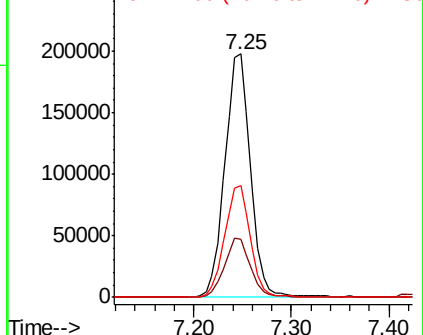
99 100

42 23.9 19.2 28.8

71 45.8 35.3 52.9



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



#8

2-Chlorophenol

Concen: 59.283 ng

RT: 7.65 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

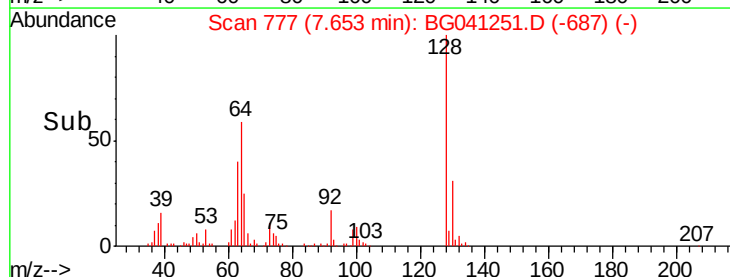
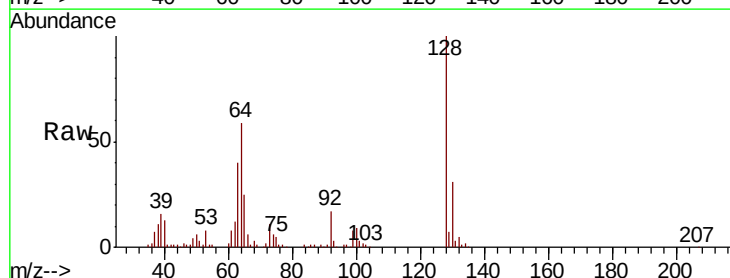
Tgt Ion:128 Resp: 142621

Ion Ratio Lower Upper

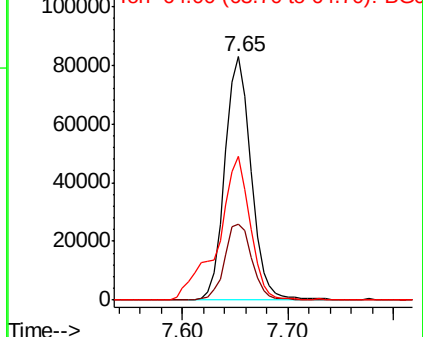
128 100

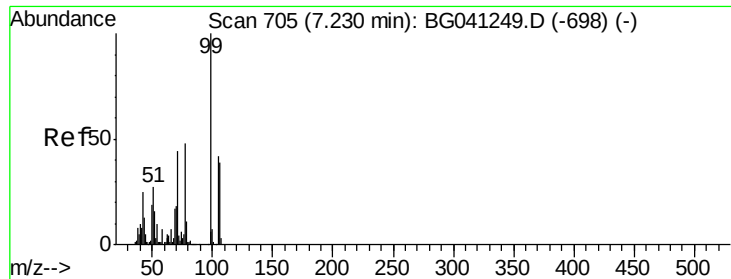
130 31.2 11.4 51.4

64 59.1 40.7 80.7



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





#9

Benzaldehyde

Concen: 55.632 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

Instrument :

BNA_G

ClientSampleId :

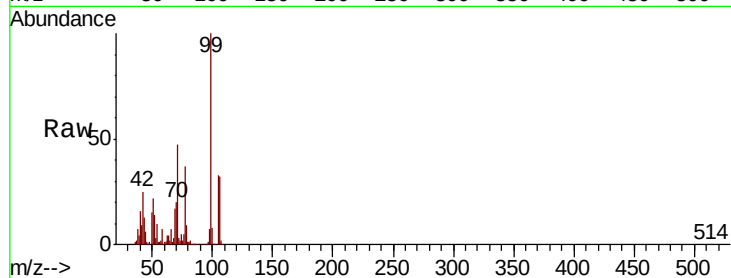
Tot Ion: 77 Resp: 103425

Ion Ratio Lower Upper

77 100

105 89.6 67.0 107.0

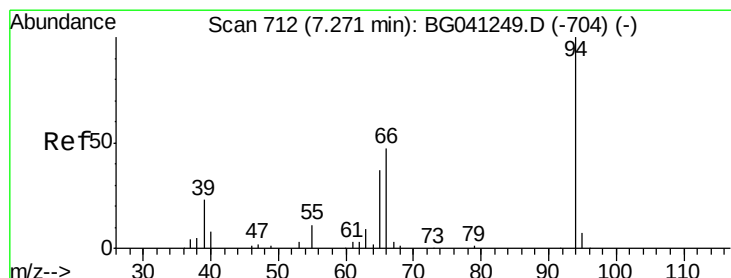
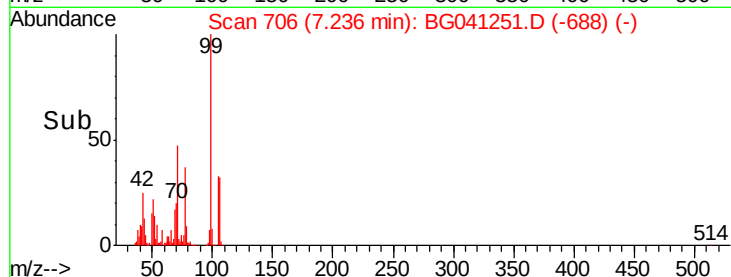
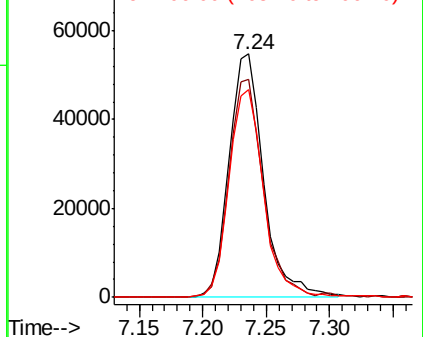
106 85.2 62.3 102.3



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 57.466 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

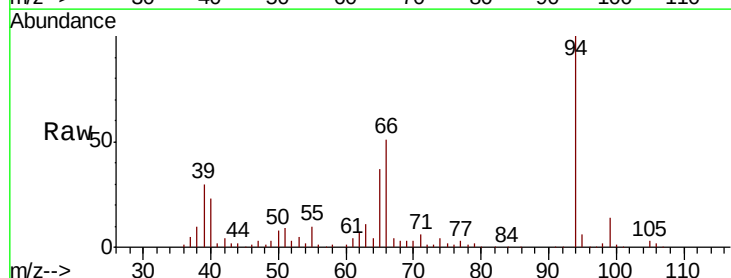
Tgt Ion: 94 Resp: 192024

Ion Ratio Lower Upper

94 100

65 36.9 17.3 57.3

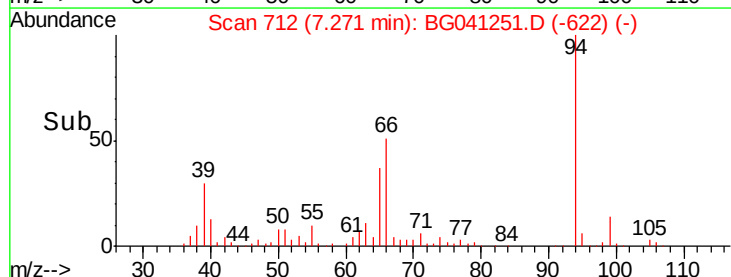
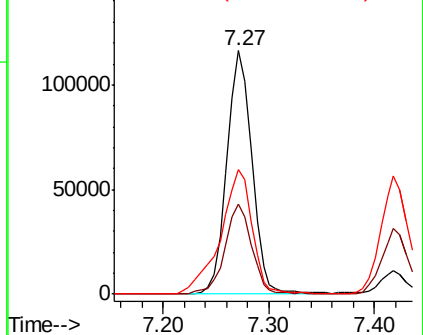
66 50.9 30.8 70.8

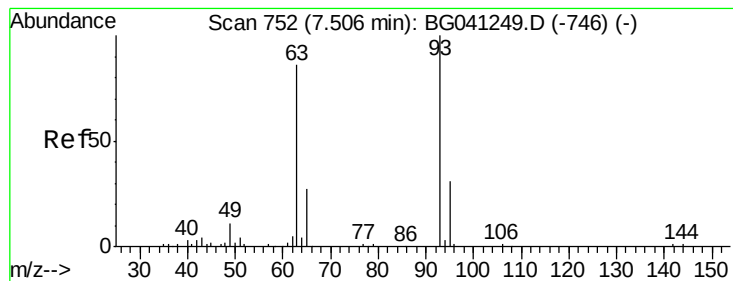


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

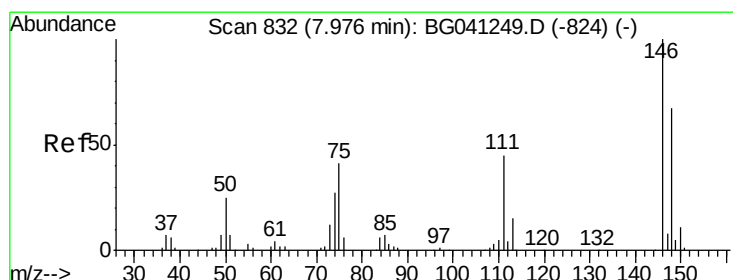
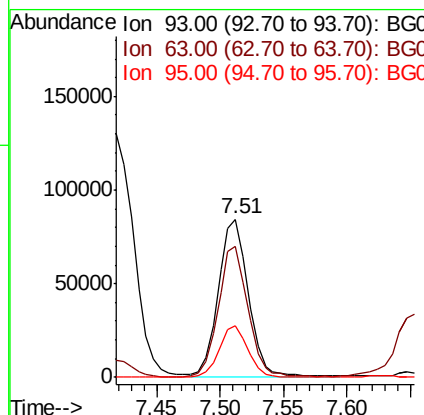
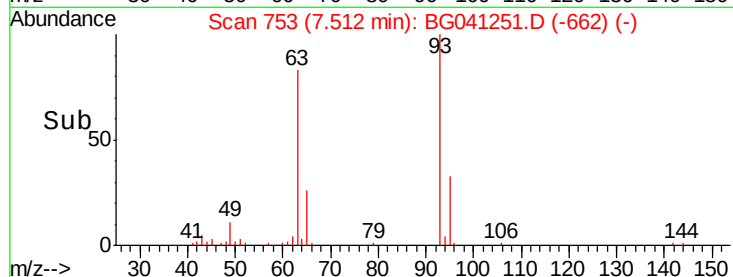
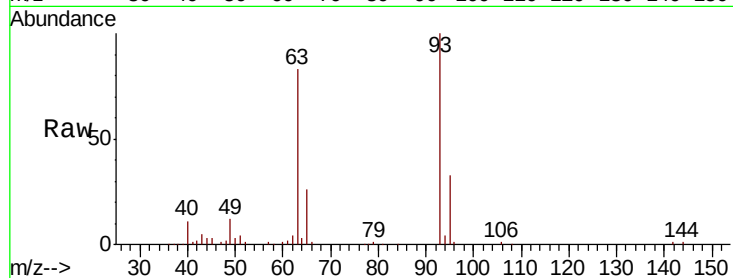




#11
bis(2-Chloroethyl)ether
Concen: 58.088 ng
RT: 7.51 min Scan# 753
Delta R.T. 0.01 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

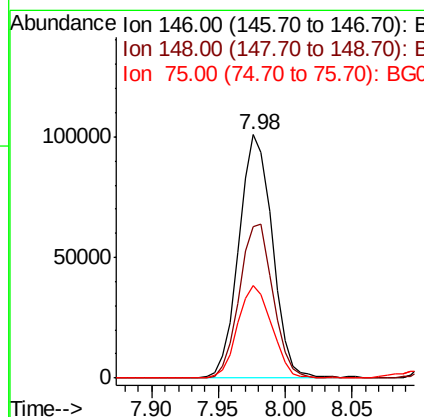
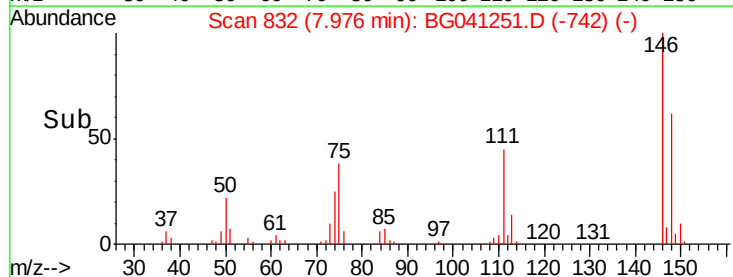
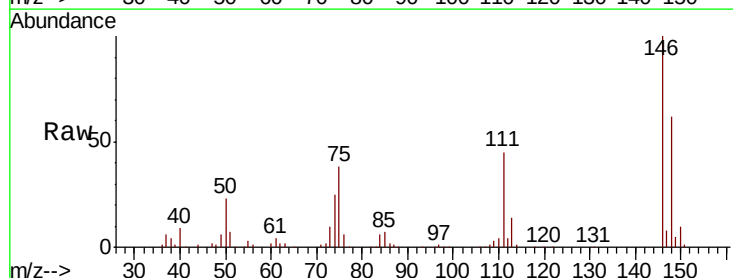
Instrument :
BNA_G
ClientSampleId :

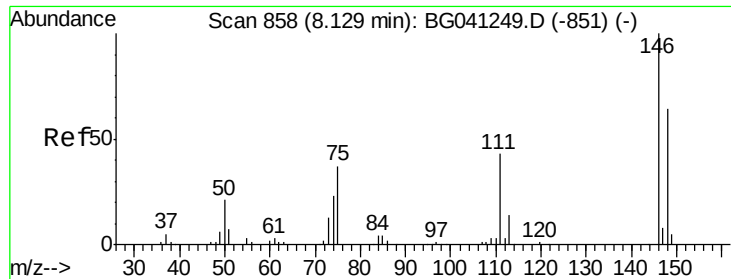
Tot Ion: 93 Resp: 140811
Ion Ratio Lower Upper
93 100
63 83.2 64.4 104.4
95 33.0 10.7 50.7



#12
1,3-Dichlorobenzene
Concen: 60.946 ng
RT: 7.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Tgt Ion: 146 Resp: 175120
Ion Ratio Lower Upper
146 100
148 62.2 53.2 79.8
75 37.8 32.6 49.0

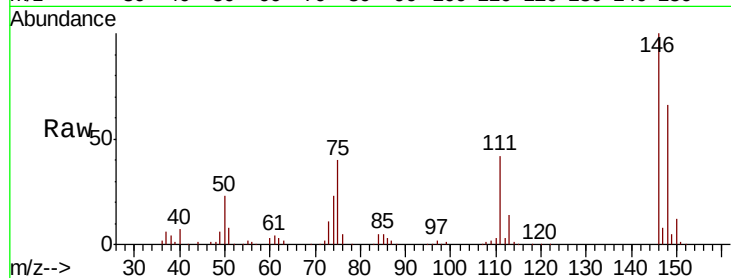




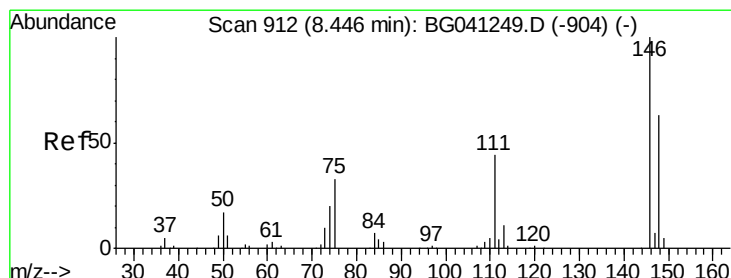
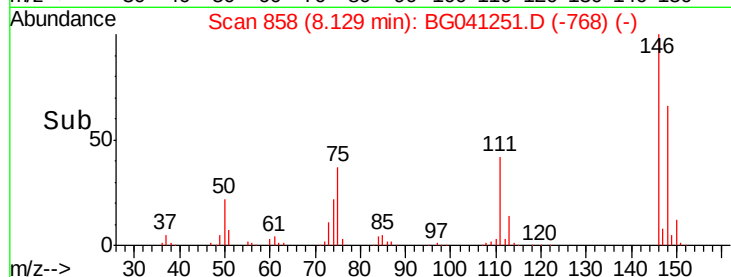
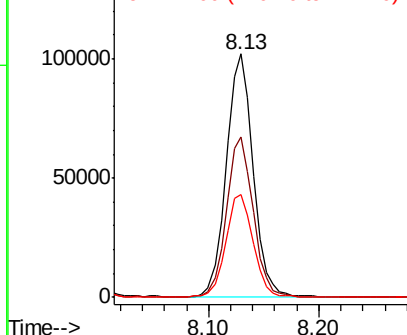
#13
 1,4-Dichlorobenzene
 Concen: 60.050 ng
 RT: 8.13 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: BG041251.D
 Acq: 14 Jun 2019 13:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 174654
 Ion Ratio Lower Upper
 146 100
 148 66.1 51.4 77.0
 111 42.4 34.6 51.8

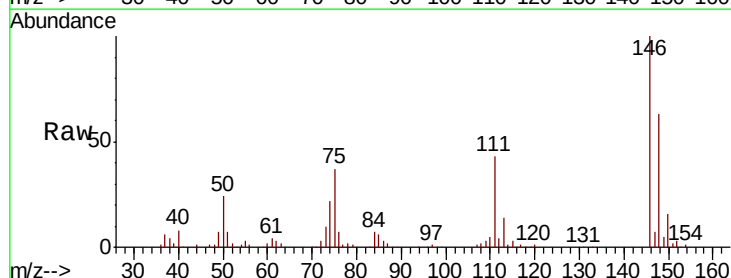


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

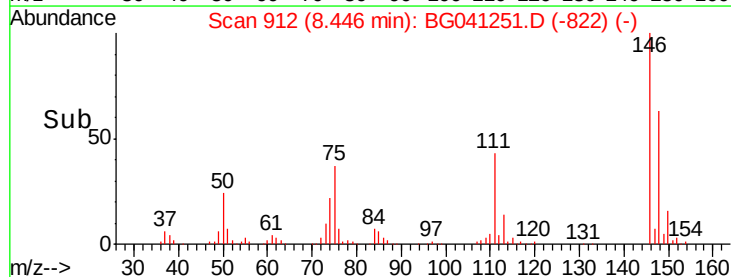
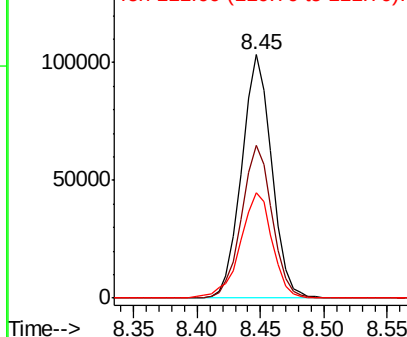


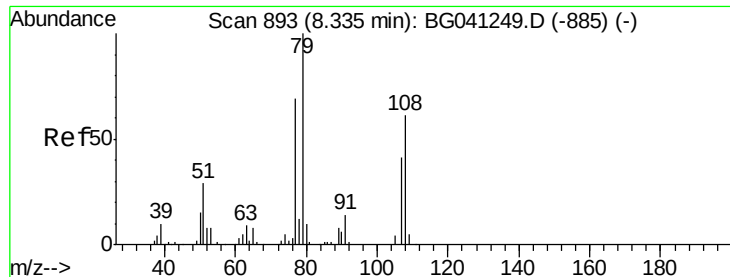
#14
 1,2-Dichlorobenzene
 Concen: 60.231 ng
 RT: 8.45 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BG041251.D
 Acq: 14 Jun 2019 13:03

Tgt Ion:146 Resp: 170092
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.7 76.1
 111 43.3 35.6 53.4



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





#15

Benzyl Alcohol

Concen: 56.058 ng

RT: 8.33 min Scan# 893

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

Instrument :

BNA_G

ClientSampleId :

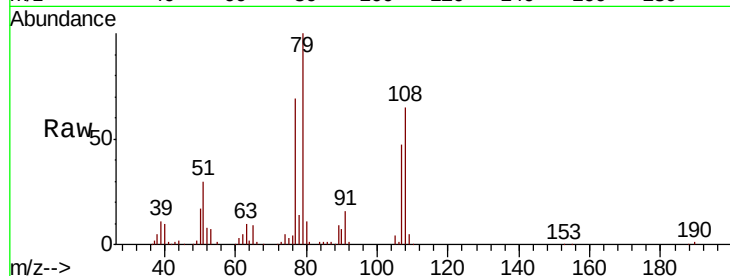
Tot Ion: 79 Resp: 161609

Ion Ratio Lower Upper

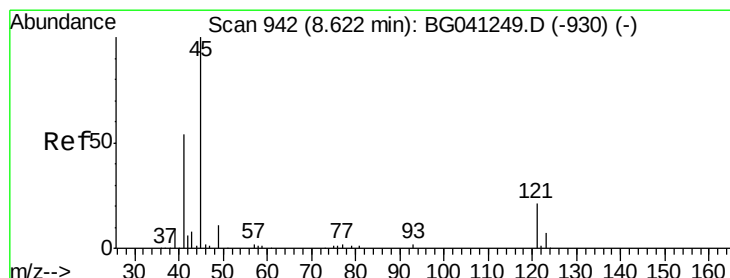
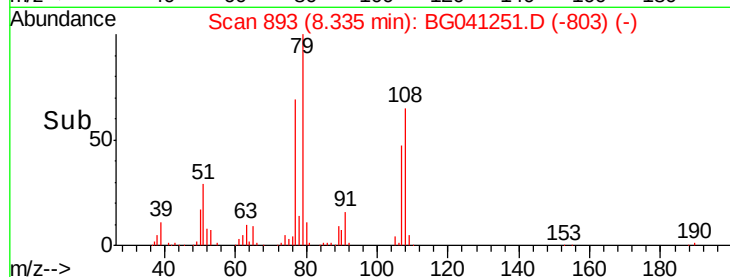
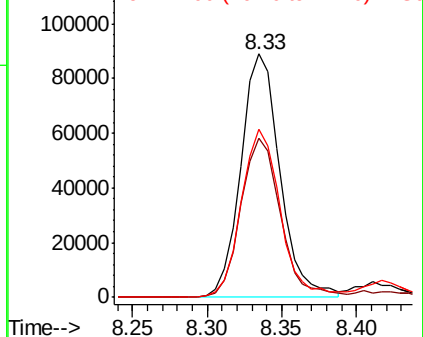
79 100

108 65.4 48.8 73.2

77 69.3 55.2 82.8



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: 56.151 ng

RT: 8.60 min Scan# 939

Delta R.T. -0.02 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

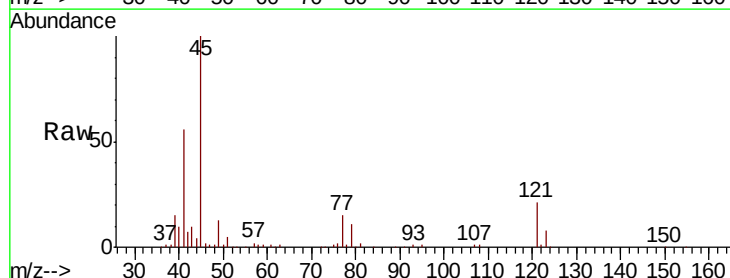
Tgt Ion: 45 Resp: 222424

Ion Ratio Lower Upper

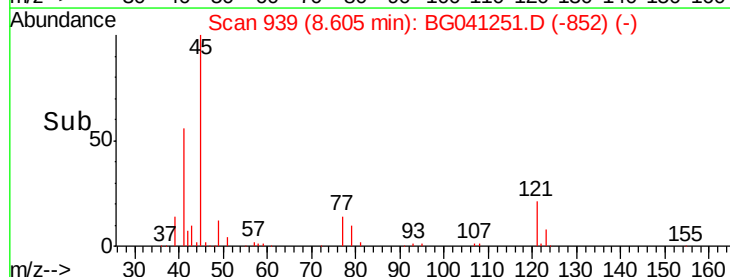
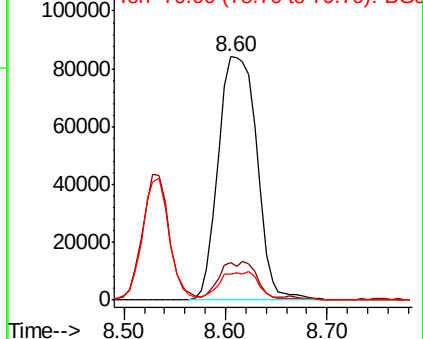
45 100

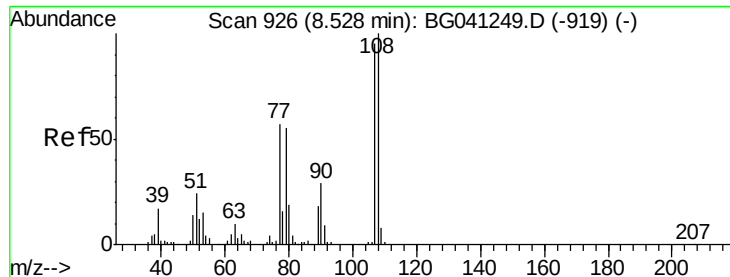
77 15.4 0.0 33.2

79 10.6 0.0 31.3



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

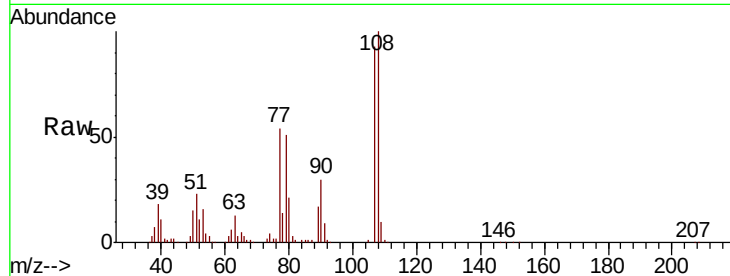




#17
2-Methylphenol
Concen: 55.101 ng
RT: 8.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.2	84.8	127.2
77	58.1	48.8	73.2
79	54.6	47.0	70.6



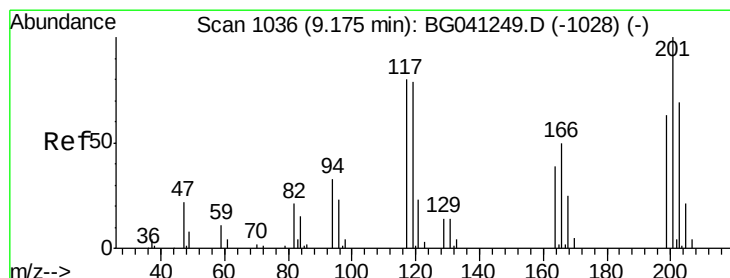
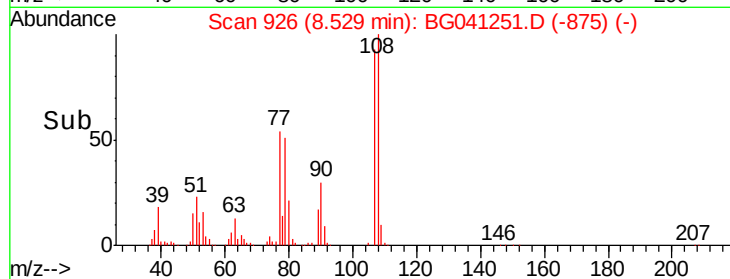
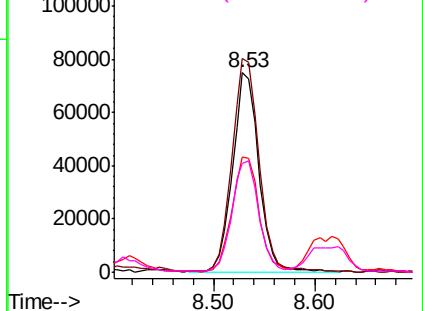
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

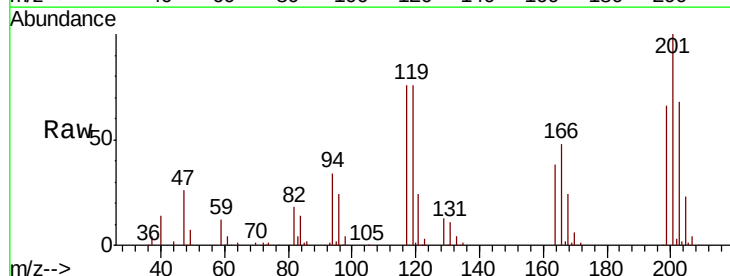
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 61.454 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.3	79.1	118.7
201	132.1	100.2	150.2

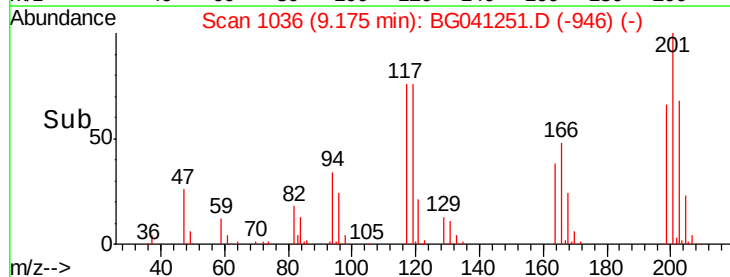
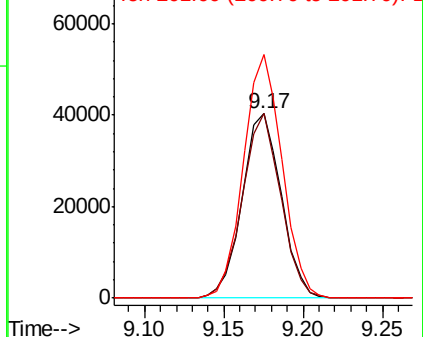


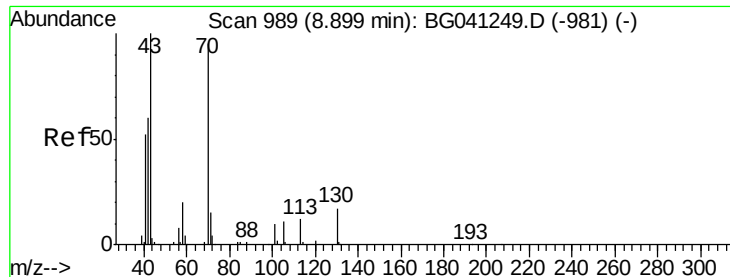
Abundance

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

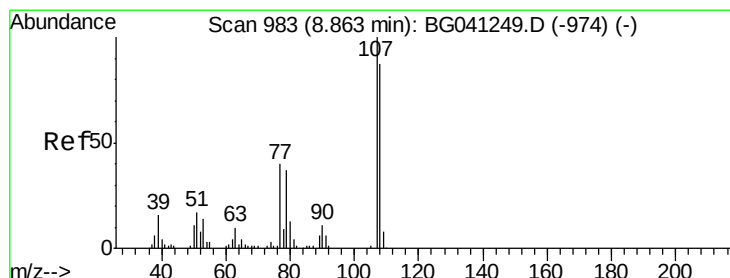
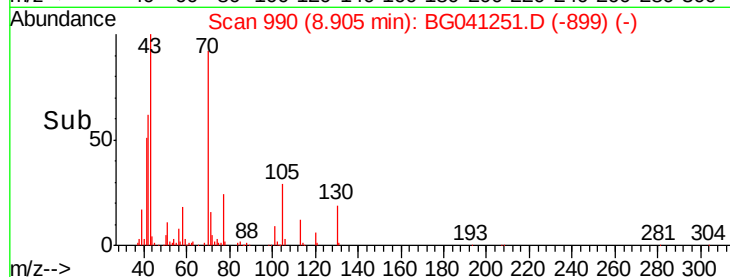
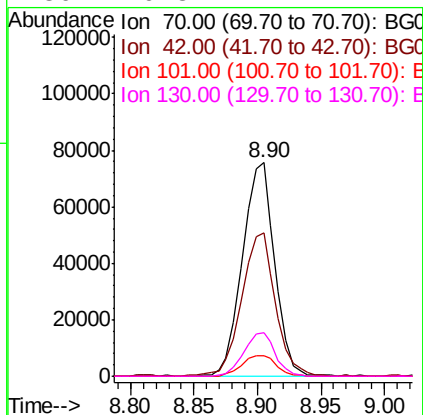
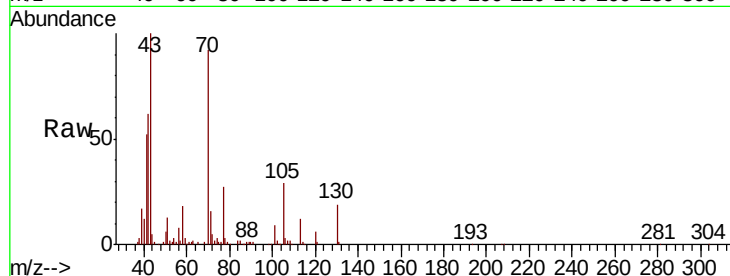




#19
n-Nitroso-di-n-propylamine
Concen: 55.583 ng
RT: 8.90 min Scan# 990
Delta R.T. 0.01 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

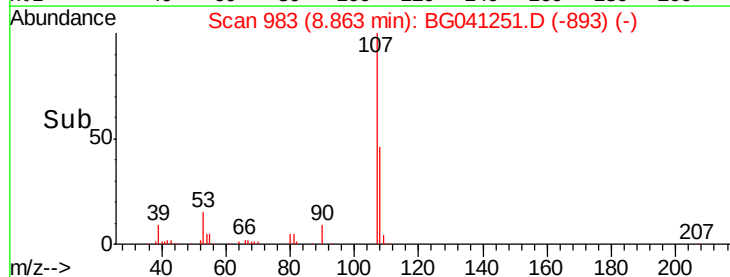
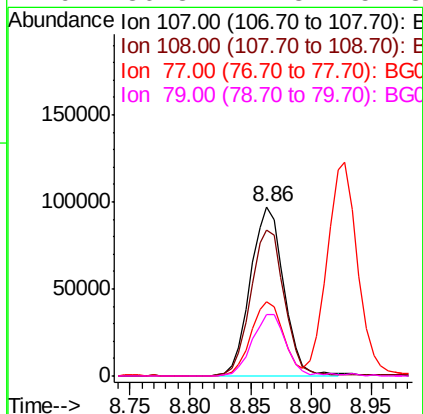
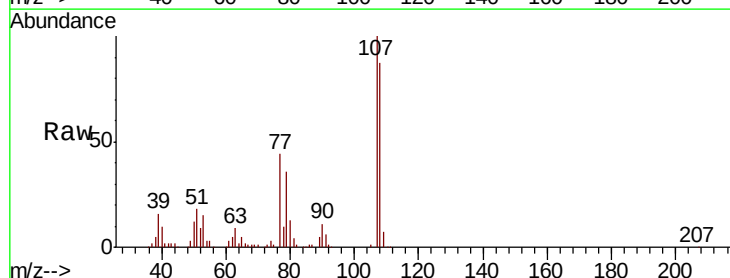
Instrument :
BNA_G
ClientSampled :

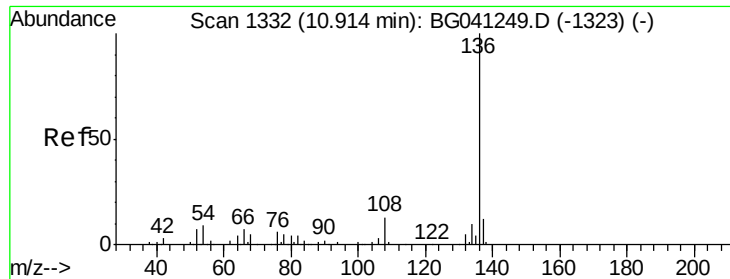
Tot Ion:	70	Resp:	133306
Ion	Ratio	Lower	Upper
70	100		
42	67.3	50.7	76.1
101	9.5	8.3	12.5
130	20.3	14.1	21.1



#20
3+4-Methylphenols
Concen: 55.830 ng
RT: 8.86 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Tgt Ion:	107	Resp:	187108
Ion	Ratio	Lower	Upper
107	100		
108	86.5	67.2	107.2
77	44.0	20.4	60.4
79	36.3	17.3	57.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

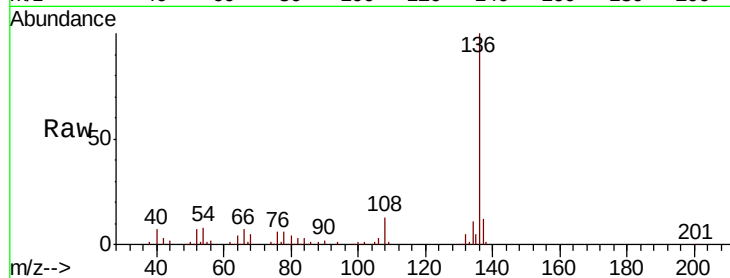
Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 153899

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.7	14.5
54	7.8	7.4	11.2
68	4.8	4.2	6.4



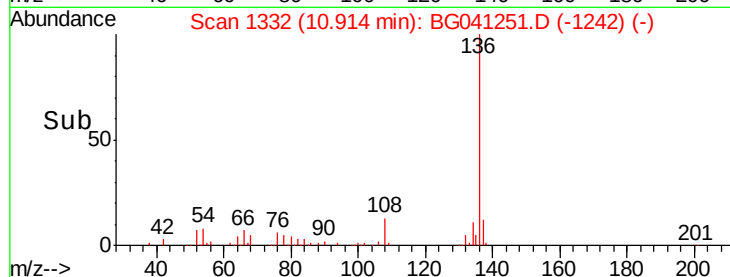
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

10.91

80000

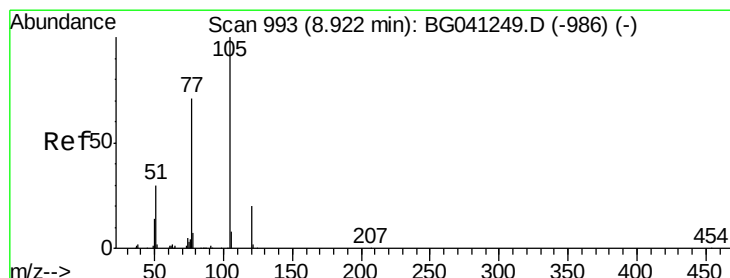
60000

40000

20000

0

10.90 11.00



#22

Acetophenone

Concen: 58.742 ng

RT: 8.93 min Scan# 994

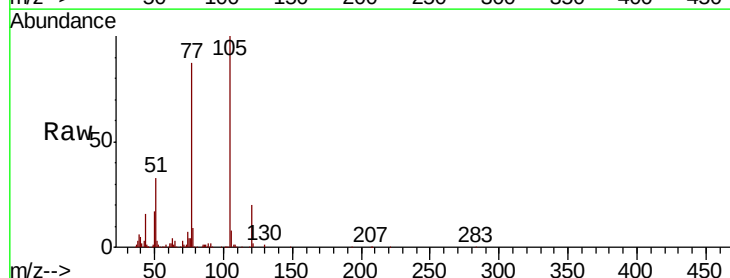
Delta R.T. 0.01 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

Tgt Ion:105 Resp: 253595

Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.7	1.1#
51	33.4	26.6	40.0
120	20.4	15.8	23.8



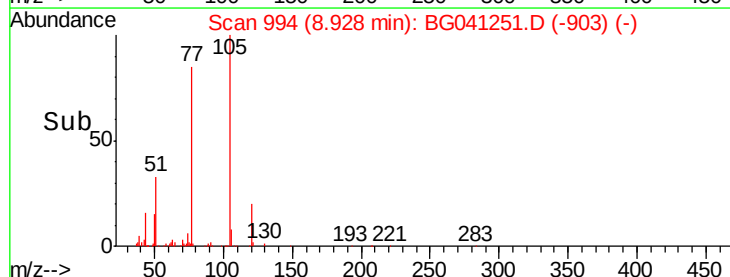
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->

8.93

200000

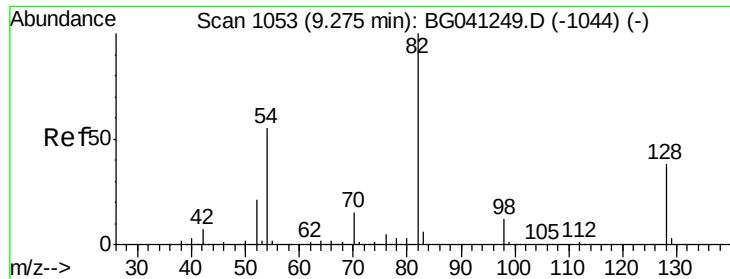
150000

100000

50000

0

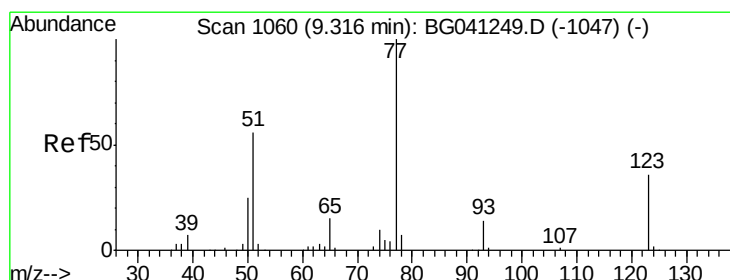
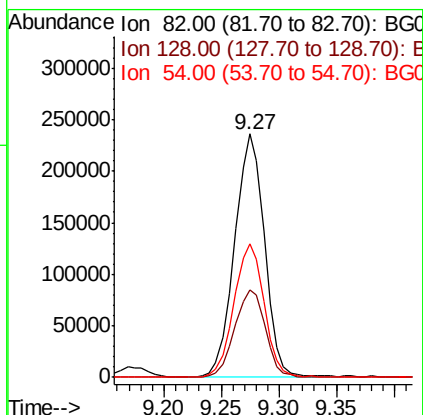
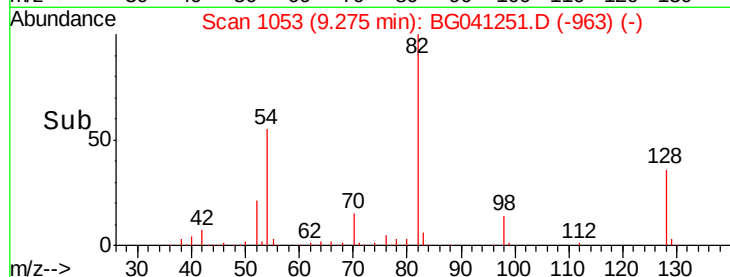
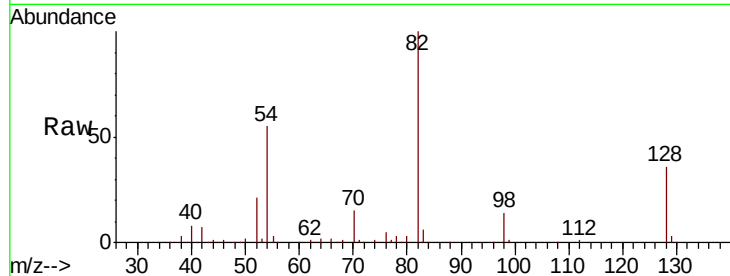
8.90 9.00



#23
 Nitrobenzene-d5
 Concen: 122.195 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BG041251.D
 Acq: 14 Jun 2019 13:03

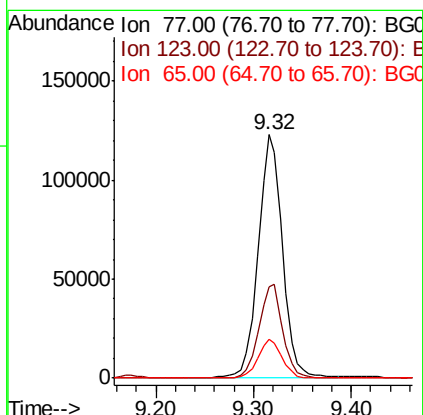
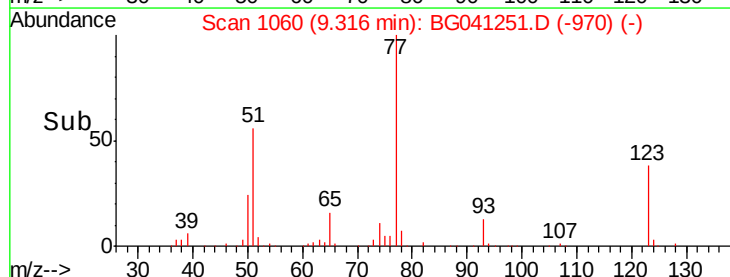
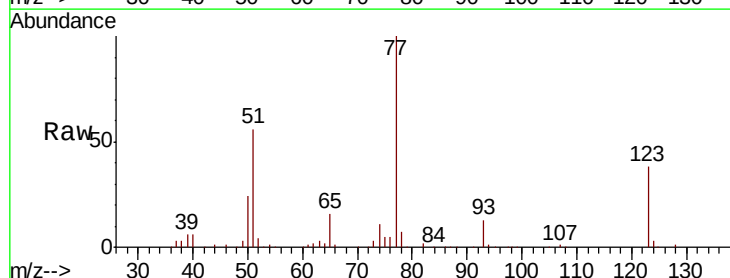
Instrument :
 BNA_G
 ClientSampleId :

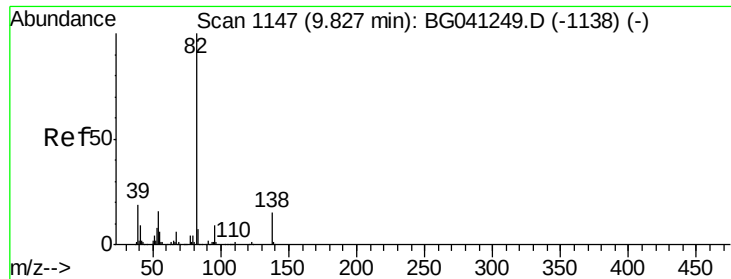
Tot Ion	82	Resp	423613
Ion Ratio	Lower	Upper	
82	100		
128	36.2	30.2	45.2
54	54.6	44.0	66.0



#24
 Nitrobenzene
 Concen: 60.590 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BG041251.D
 Acq: 14 Jun 2019 13:03

Tgt Ion	77	Resp	214055
Ion Ratio	Lower	Upper	
77	100		
123	37.7	28.8	43.2
65	15.8	11.8	17.8





#25

Isophorone

Concen: 56.931 ng

RT: 9.83 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

Instrument :

BNA_G

ClientSampleId :

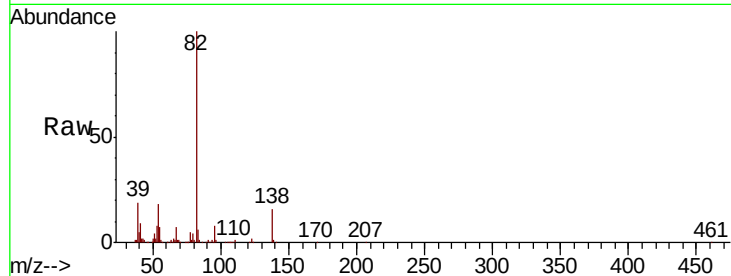
Tot Ion: 82 Resp: 375595

Ion Ratio Lower Upper

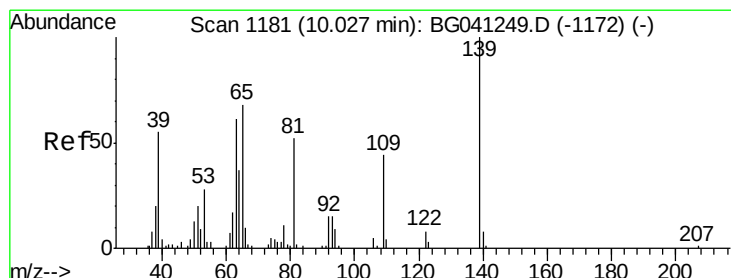
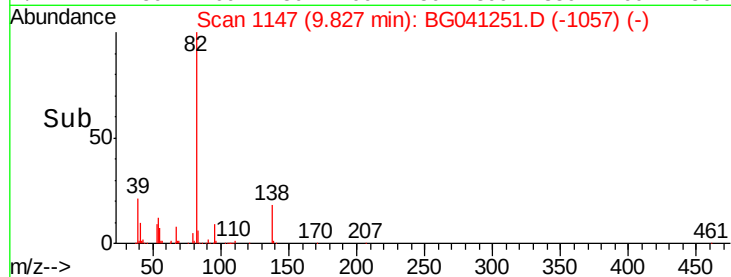
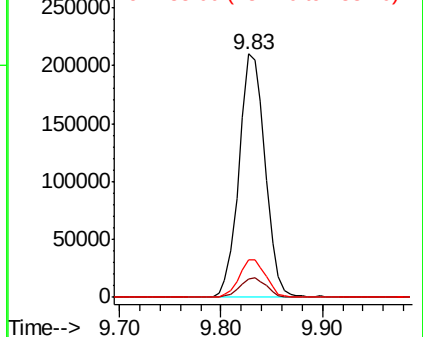
82 100

95 7.7 7.3 10.9

138 15.6 12.0 18.0



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



#26

2-Nitrophenol

Concen: 62.236 ng

RT: 10.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

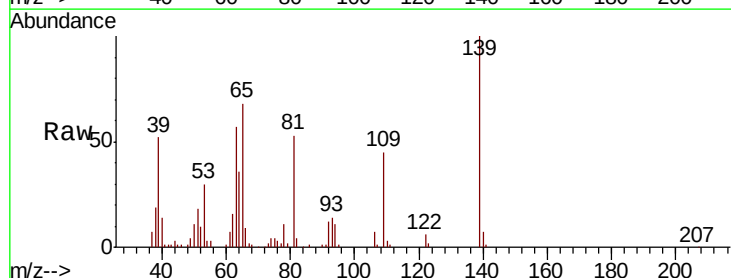
Tgt Ion: 139 Resp: 90642

Ion Ratio Lower Upper

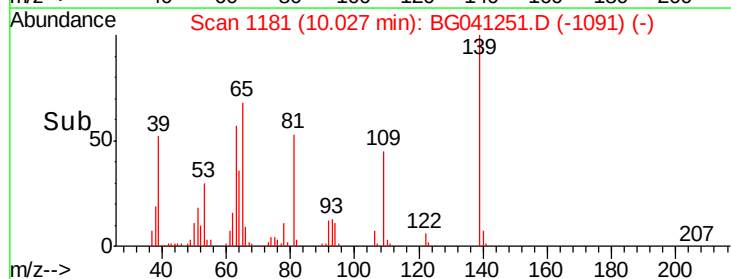
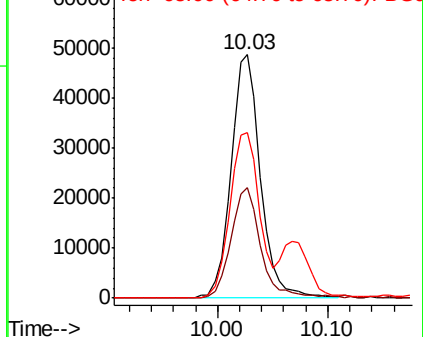
139 100

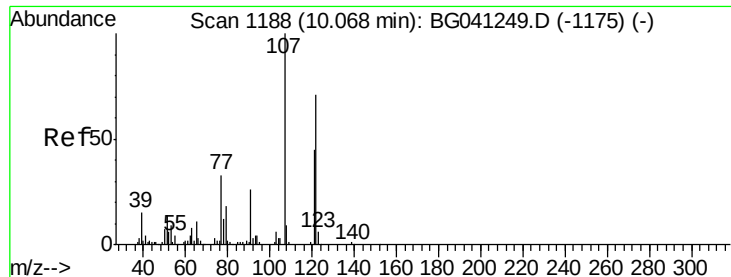
109 45.5 35.0 52.4

65 67.9 54.6 82.0



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

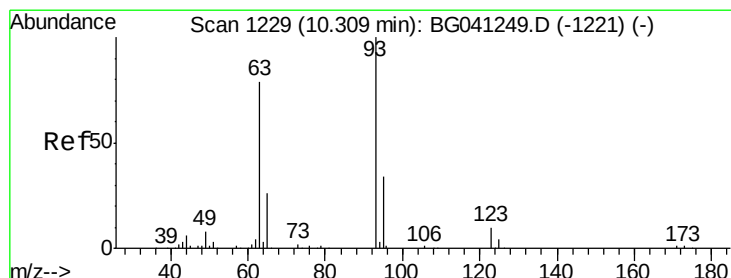
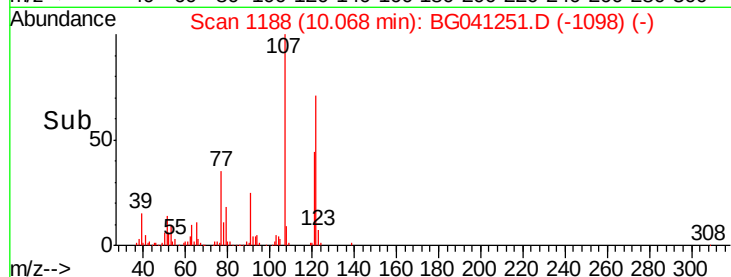
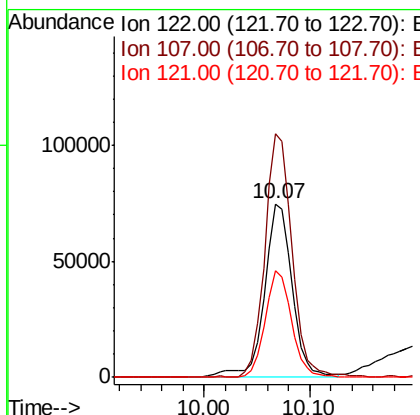
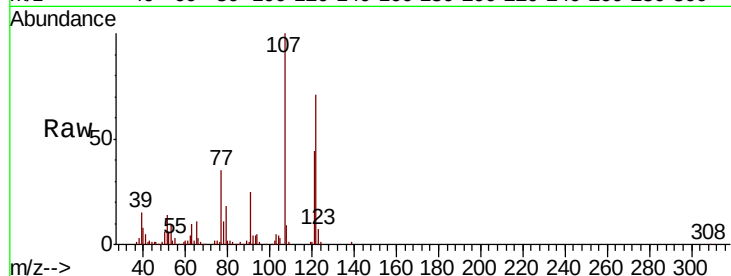




#27
2,4-Dimethylphenol
Concen: 56.421 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

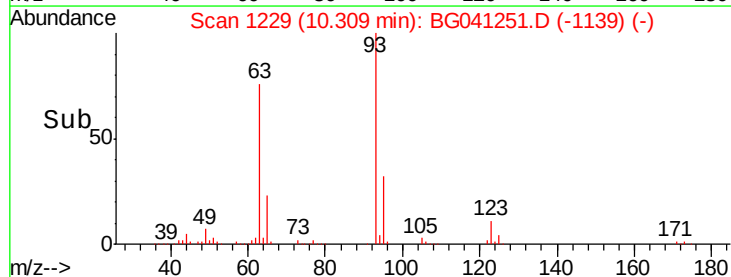
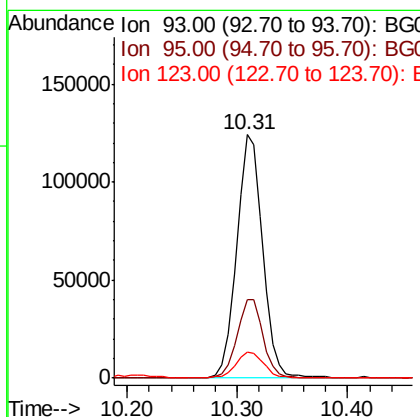
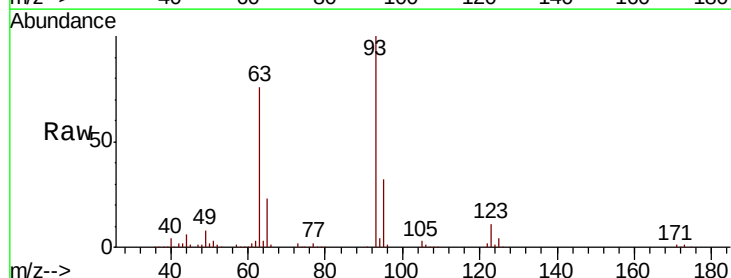
Instrument :
BNA_G
ClientSampled :

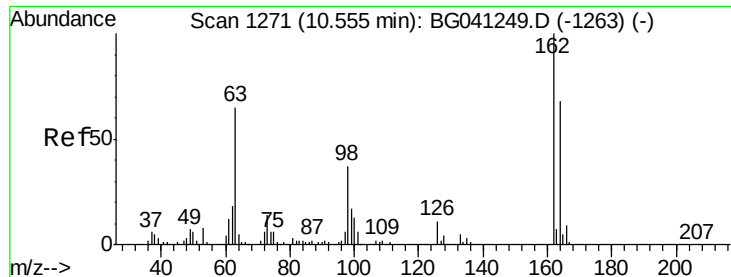
Tot Ion	Ratio	Lower	Upper
122	100		
107	140.5	112.1	168.1
121	61.9	50.0	75.0



#28
bis(2-Chloroethoxy)methane
Concen: 57.363 ng
RT: 10.31 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.9	40.3
123	10.9	7.9	11.9

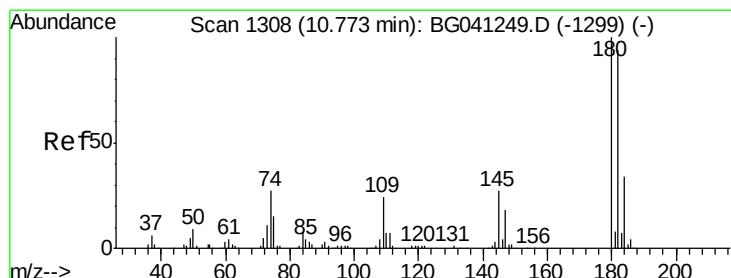
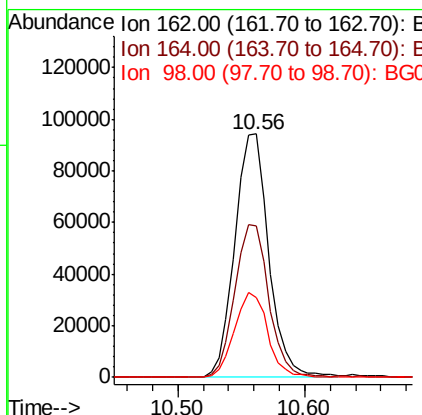
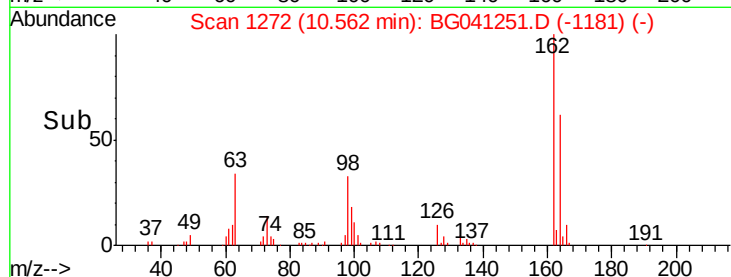
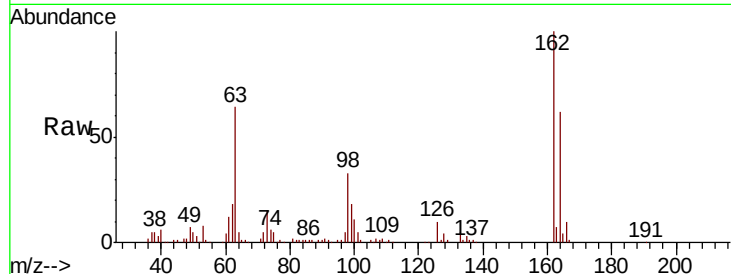




#29
2,4-Dichlorophenol
Concen: 57.289 ng
RT: 10.56 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

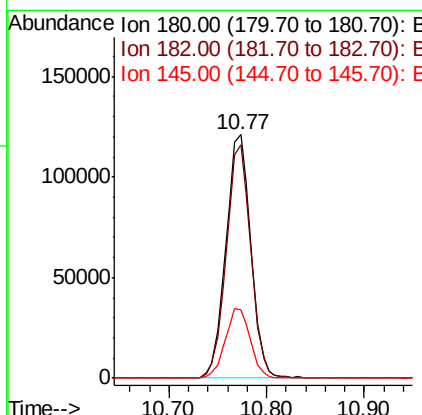
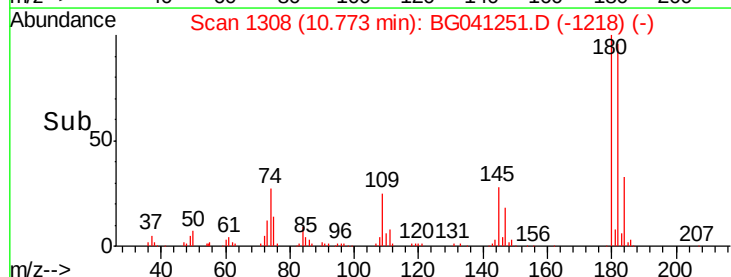
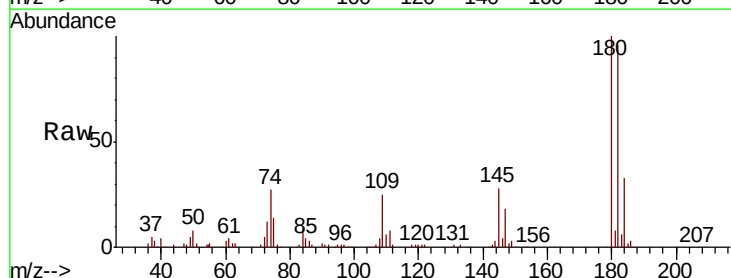
Instrument :
BNA_G
ClientSampleId :

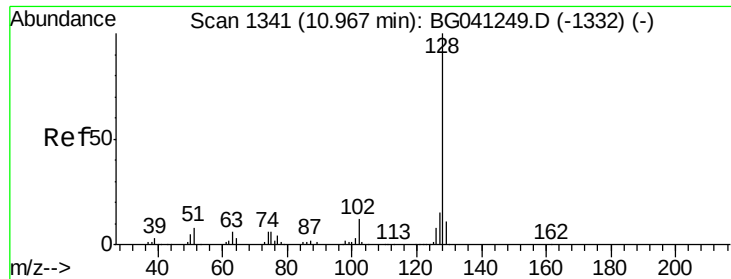
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	47.6	87.6
98	32.9	17.0	57.0



#30
1,2,4-Trichlorobenzene
Concen: 61.662 ng
RT: 10.77 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.1	112.7
145	28.0	21.3	31.9

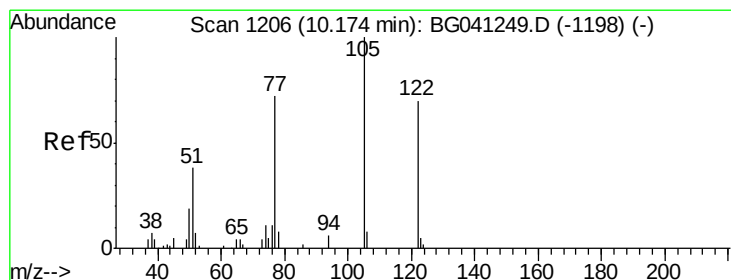
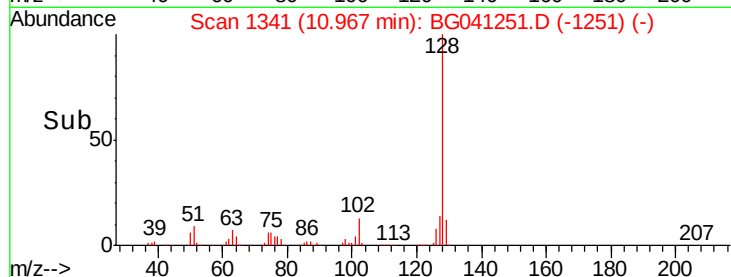
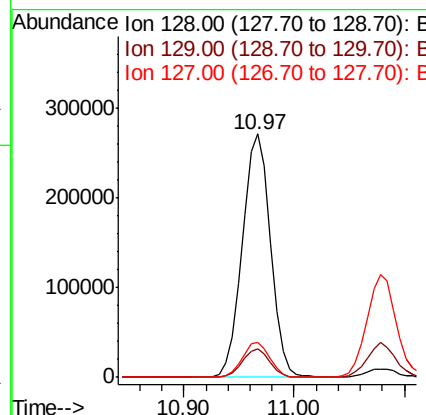
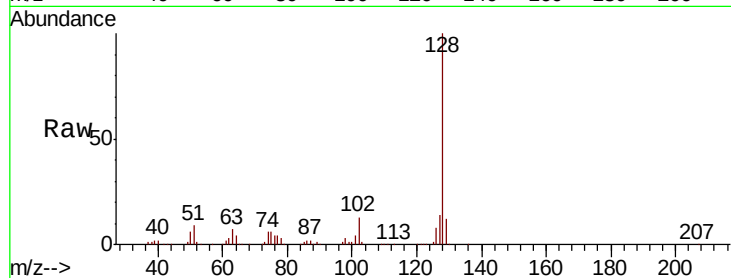




#31
Naphthalene
Concen: 58.918 ng
RT: 10.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

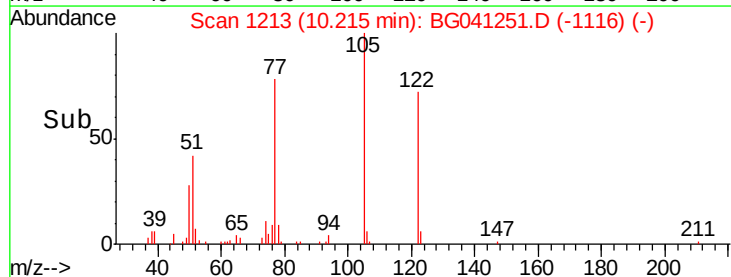
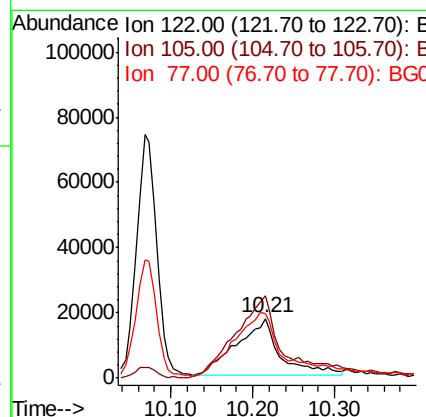
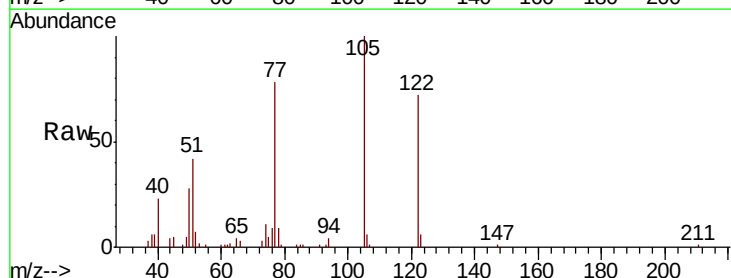
Instrument :
BNA_G
ClientSampleId :

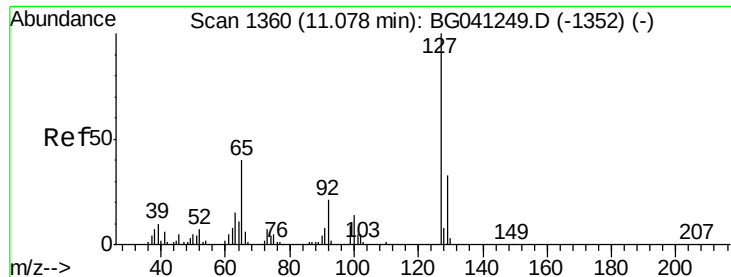
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.4
127	14.3	11.7	17.5



#32
Benzoic acid
Concen: 37.122 ng
RT: 10.21 min Scan# 1213
Delta R.T. 0.04 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.3	113.8	153.8
77	108.4	82.6	122.6

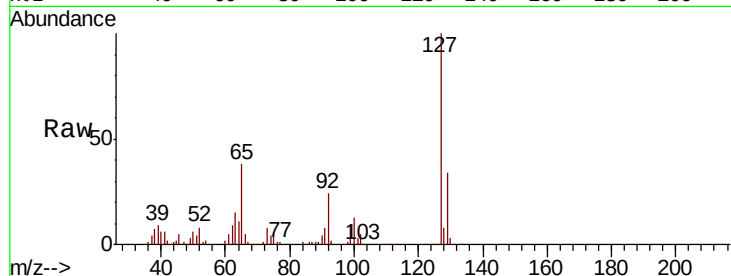




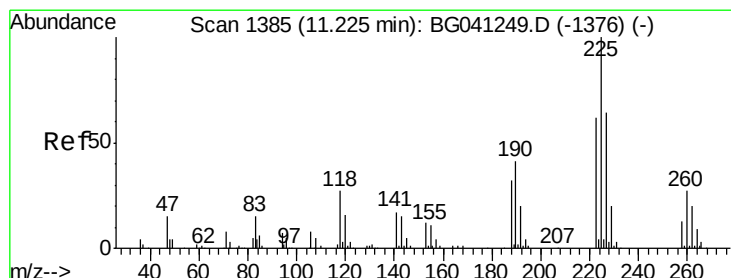
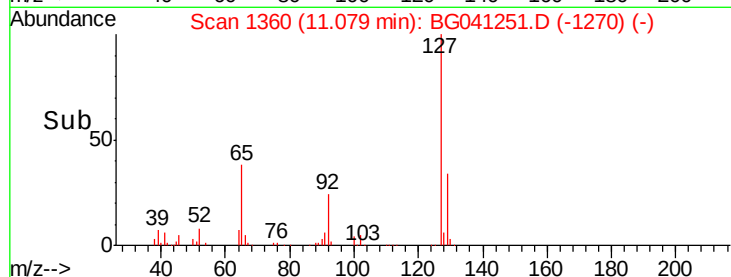
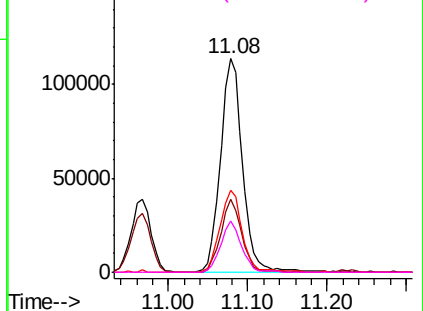
#33
4-Chloroaniline
Concen: 57.154 ng
RT: 11.08 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	219125
Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.2	39.4
65	38.2	31.8	47.8
92	24.1	17.0	25.4

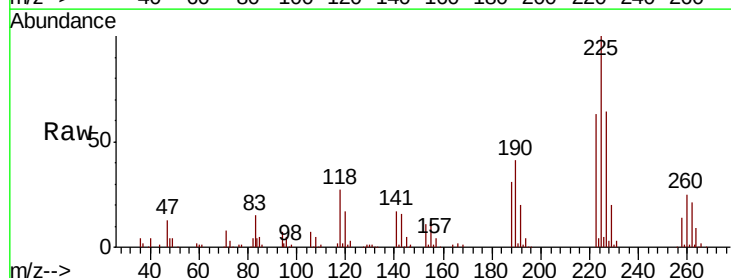


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

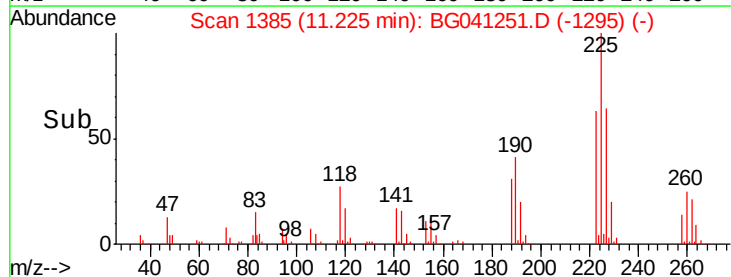
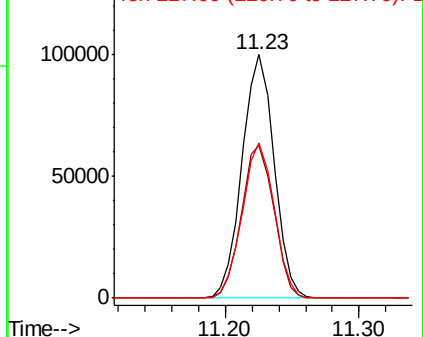


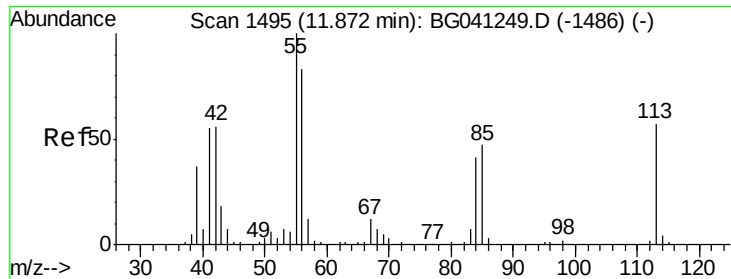
#34
Hexachlorobutadiene
Concen: 62.462 ng
RT: 11.23 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Tgt Ion:	225	Resp:	166071
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.0	75.0
227	63.8	51.0	76.4



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

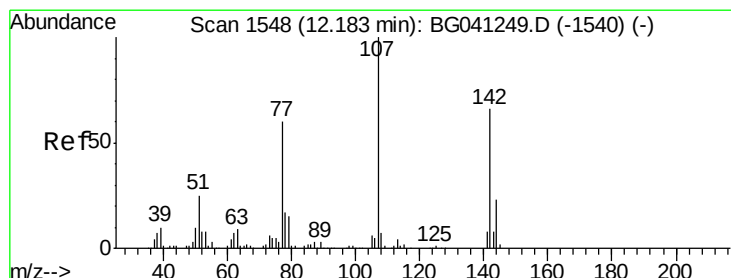
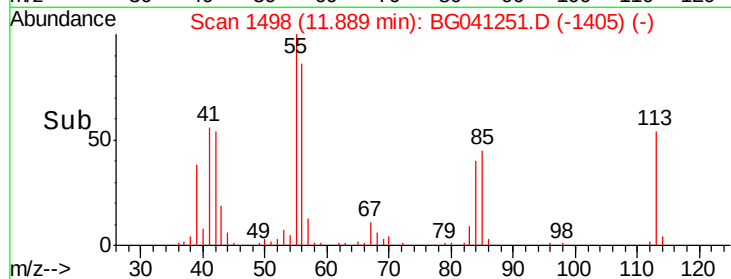
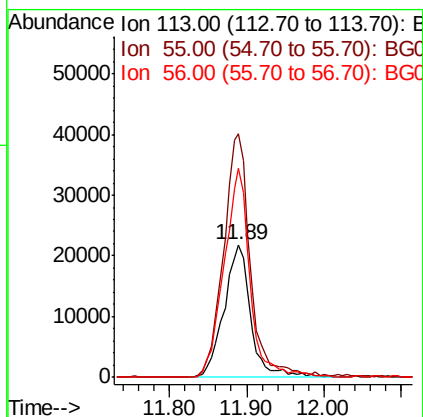
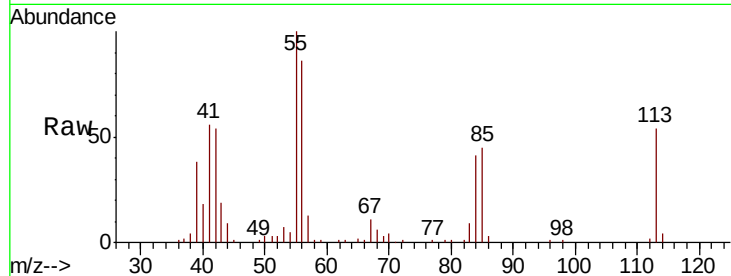




#35
 Caprolactam
 Concen: 52.081 ng
 RT: 11.89 min Scan# 1498
 Delta R.T. 0.02 min
 Lab File: BG041251.D
 Acq: 14 Jun 2019 13:03

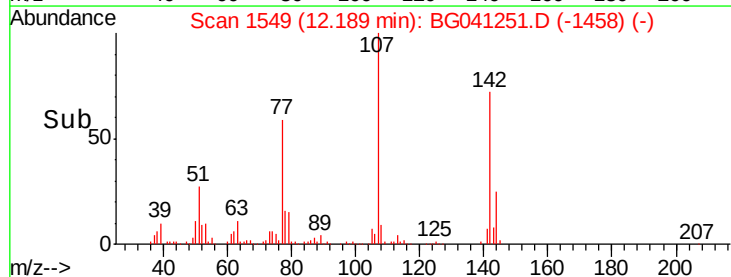
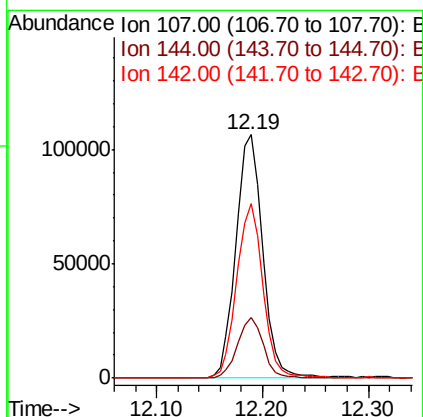
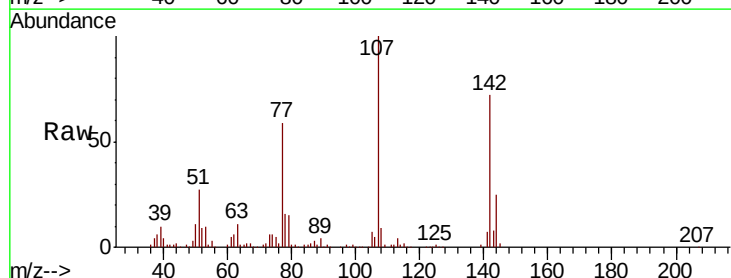
Instrument :
 BNA_G
 ClientSampled :

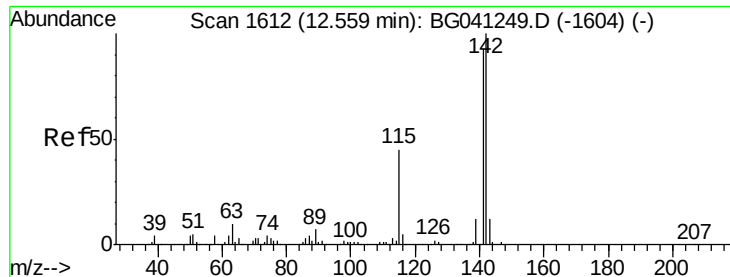
Tot Ion:113 Resp: 52533
 Ion Ratio Lower Upper
 113 100
 55 183.6 155.8 195.8
 56 157.2 125.1 165.1



#36
 4-Chloro-3-methylphenol
 Concen: 53.574 ng
 RT: 12.19 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BG041251.D
 Acq: 14 Jun 2019 13:03

Tgt Ion:107 Resp: 186892
 Ion Ratio Lower Upper
 107 100
 144 24.9 18.2 27.2
 142 71.7 52.5 78.7

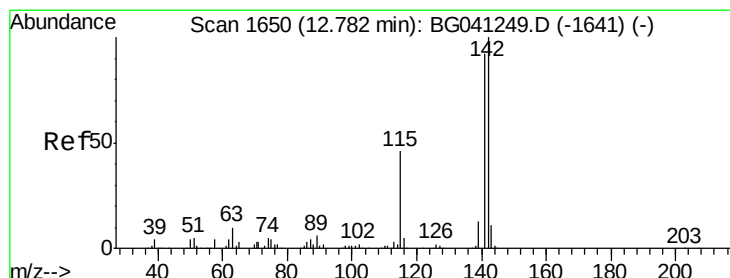
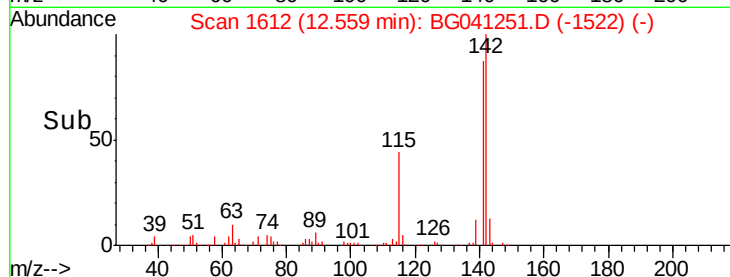
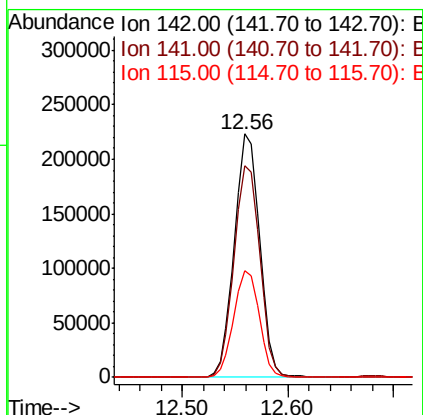
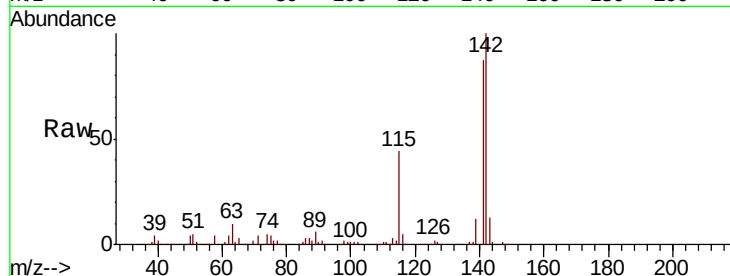




#37
2-Methylnaphthalene
Concen: 58.317 ng
RT: 12.56 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

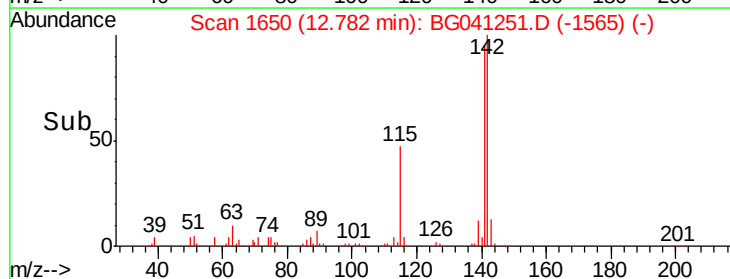
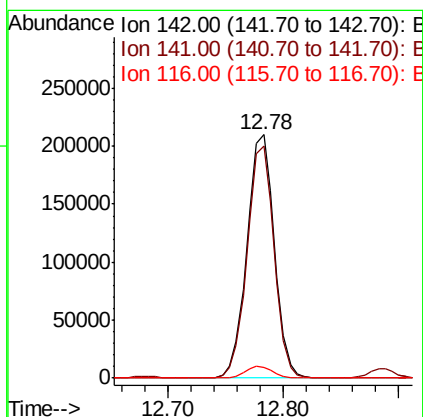
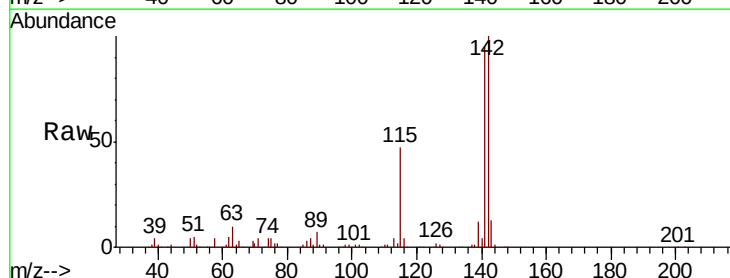
Instrument :
BNA_G
ClientSampled :

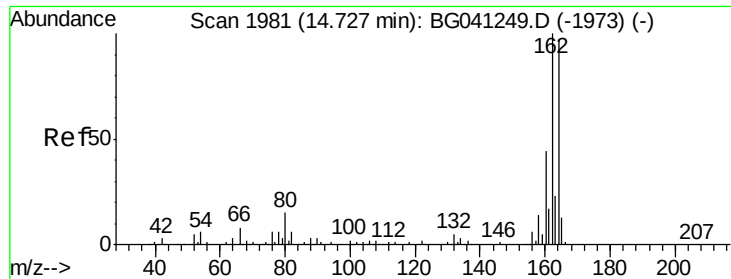
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	74.0	111.0
115	43.7	36.2	54.4



#38
1-Methylnaphthalene
Concen: 57.842 ng
RT: 12.78 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	73.7	110.5
116	4.4	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

Instrument :

BNA_G

ClientSampleId :

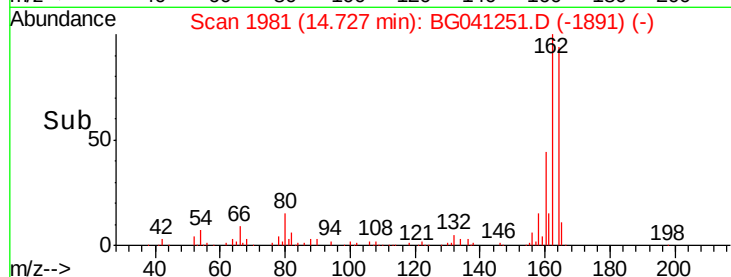
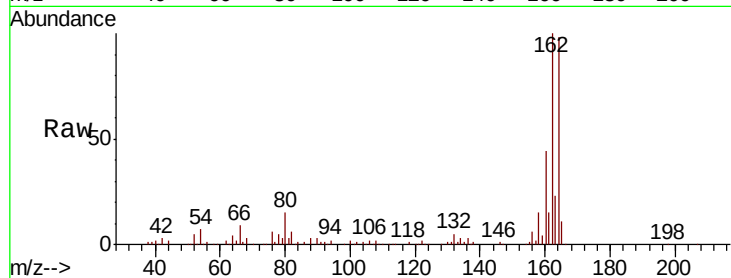
Tot Ion:164 Resp: 106075

Ion Ratio Lower Upper

164 100

162 102.1 82.6 124.0

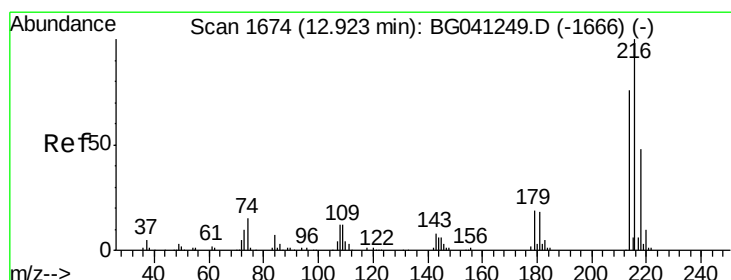
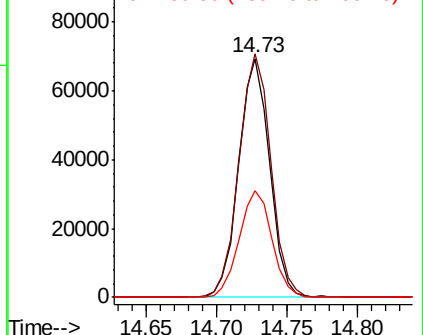
160 44.5 36.5 54.7



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: 64.069 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

Tgt Ion:216 Resp: 273922

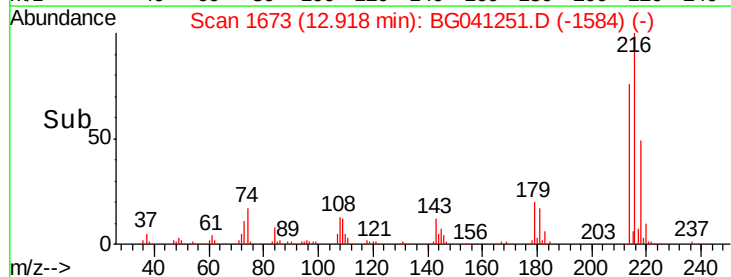
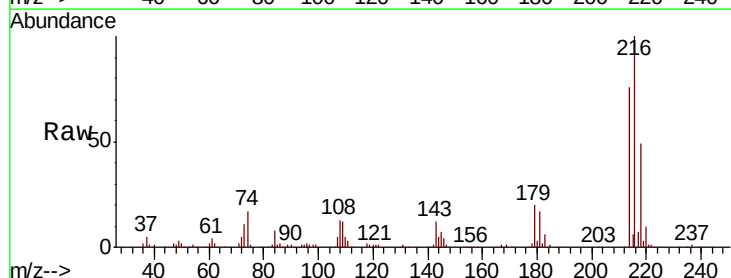
Ion Ratio Lower Upper

216 100

214 79.0 63.6 95.4

179 19.1 15.2 22.8

108 15.1 12.2 18.2

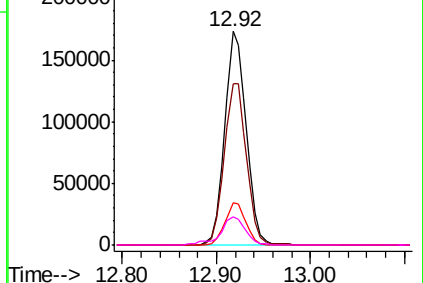


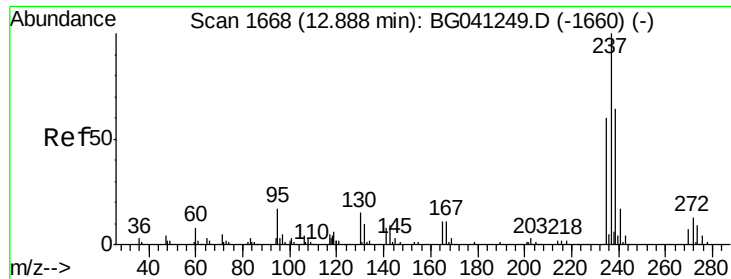
Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.636 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

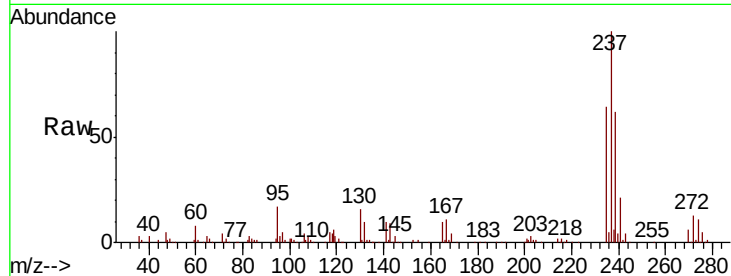
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 133396

Ion	Ratio	Lower	Upper
237	100		
235	64.1	39.6	79.6
272	12.7	0.0	33.0

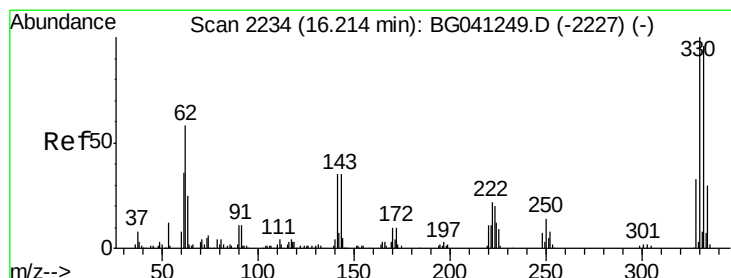
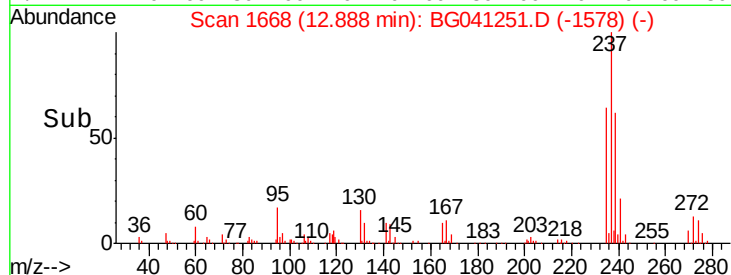
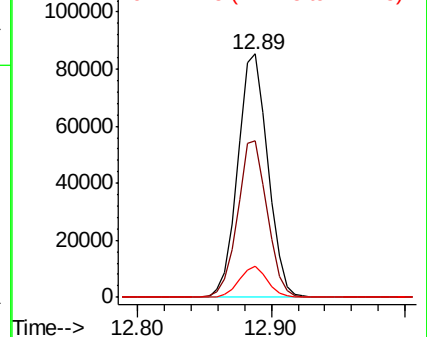


Abundance

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: 115.048 ng

RT: 16.21 min Scan# 2234

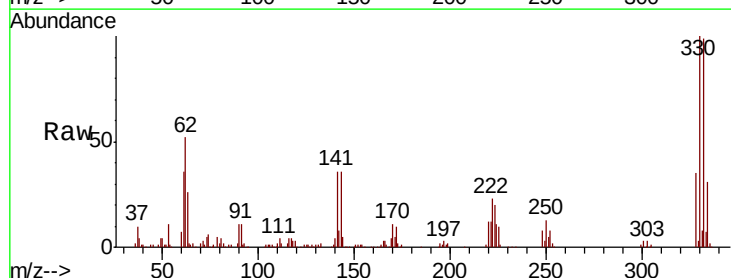
Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

Tgt Ion:330 Resp: 181173

Ion	Ratio	Lower	Upper
330	100		
332	97.9	75.0	112.6
141	36.5	29.5	44.3

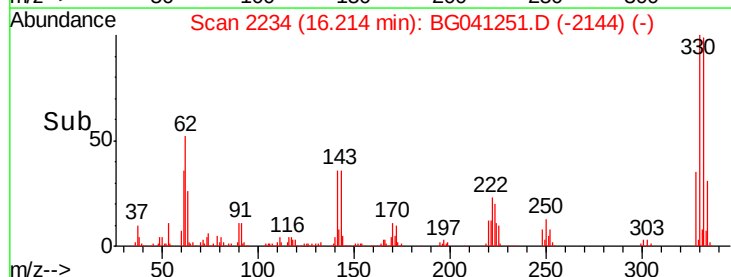
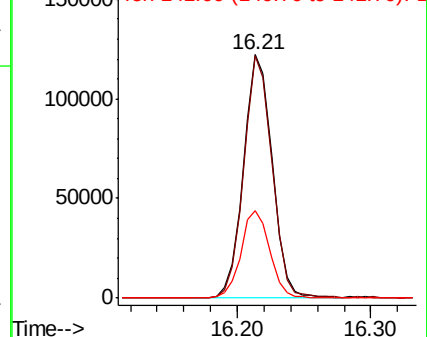


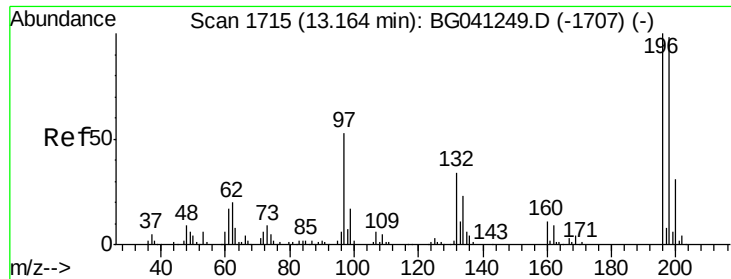
Abundance

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

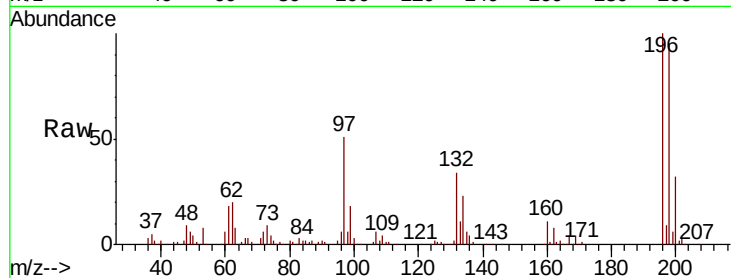




#43
 2,4,6-Trichlorophenol
 Concen: 60.726 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG041251.D
 Acq: 14 Jun 2019 13:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	167955
Ion Ratio	Lower	Upper	
196	100		
198	94.8	78.6	118.0
200	32.2	25.0	37.4

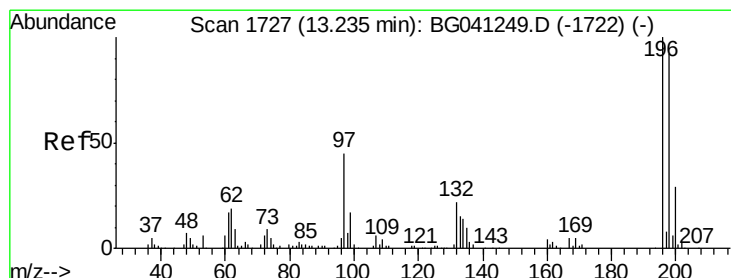
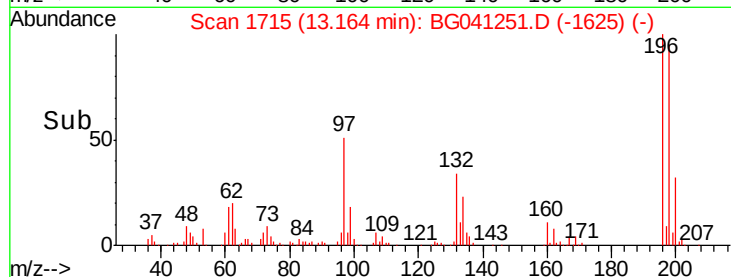
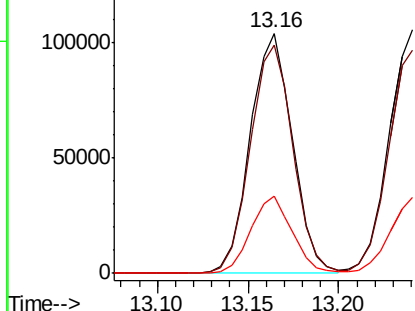


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 58.872 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. 0.01 min
 Lab File: BG041251.D
 Acq: 14 Jun 2019 13:03

Tgt Ion	196	Resp	171726
Ion Ratio	Lower	Upper	
196	100		
198	91.6	74.3	111.5
97	42.4	36.2	54.4
132	20.4	18.2	27.4

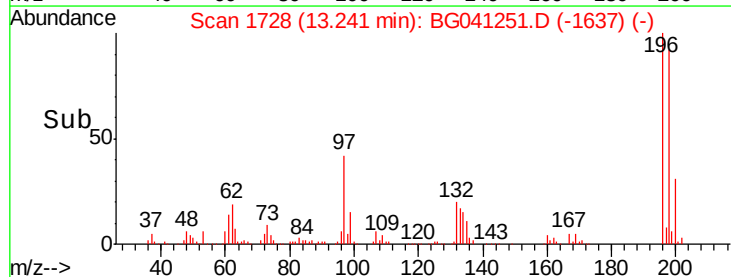
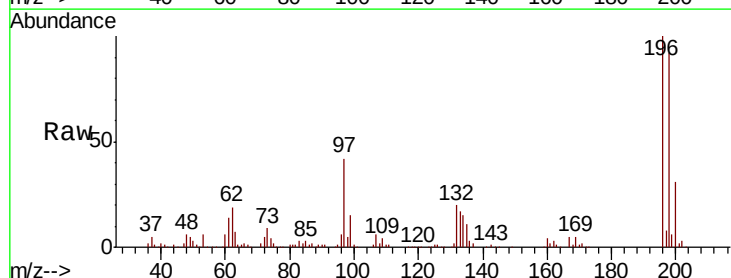
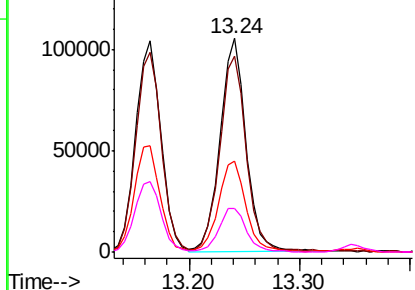
Abundance

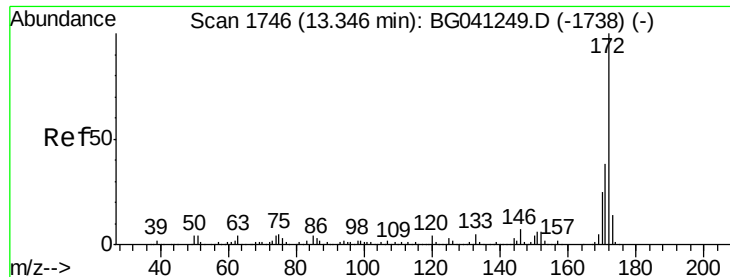
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

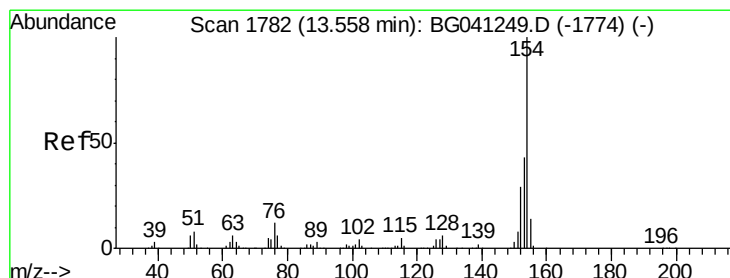
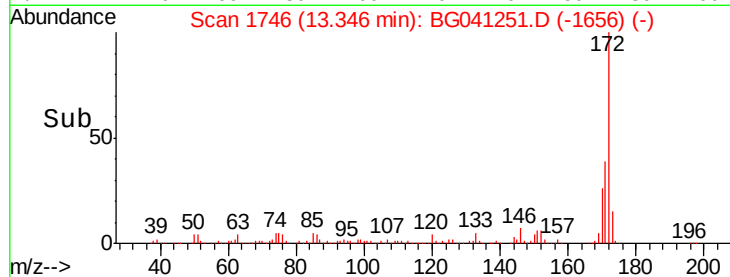
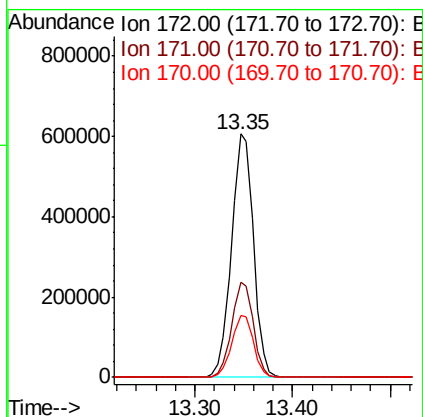
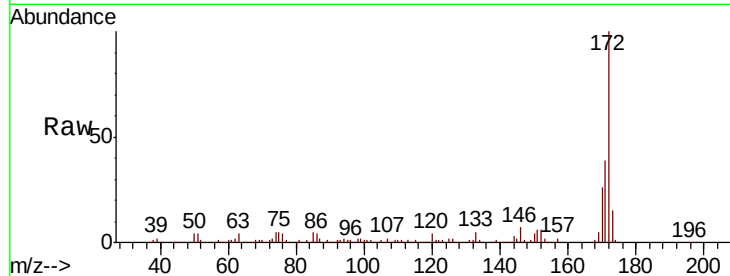




#45
2-Fluorobiphenyl
Concen: 128.006 ng
RT: 13.35 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

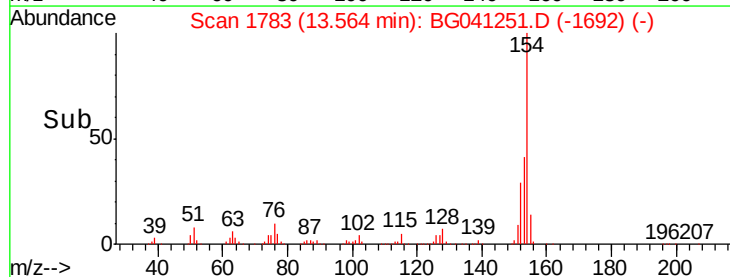
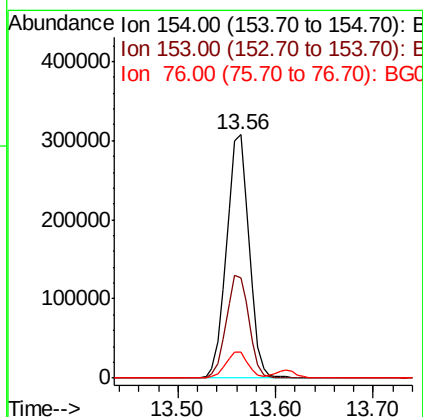
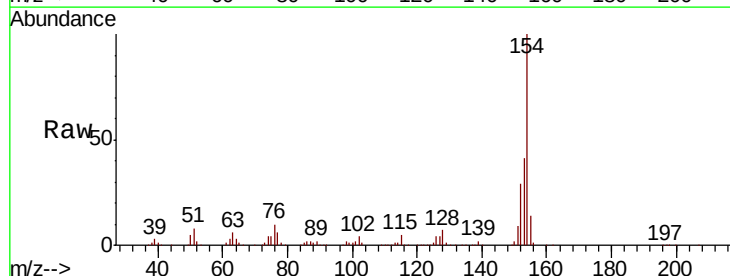
Instrument :
BNA_G
ClientSampleId :

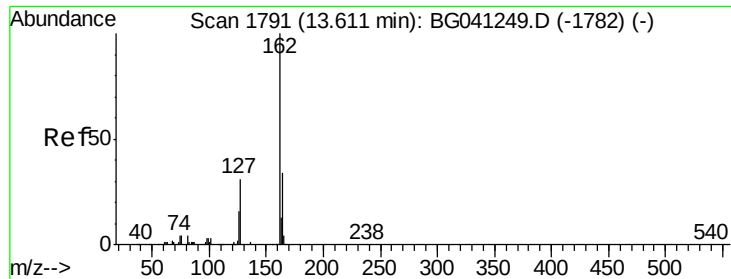
Tot Ion:172 Resp: 942861
Ion Ratio Lower Upper
172 100
171 39.0 30.4 45.6
170 25.7 19.8 29.6



#46
1,1'-Biphenyl
Concen: 62.738 ng
RT: 13.56 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Tgt Ion:154 Resp: 492609
Ion Ratio Lower Upper
154 100
153 41.1 22.8 62.8
76 10.5 0.0 31.8





#47

2-Chloronaphthalene

Concen: 63.743 ng

RT: 13.61 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

Instrument :

BNA_G

ClientSampleId :

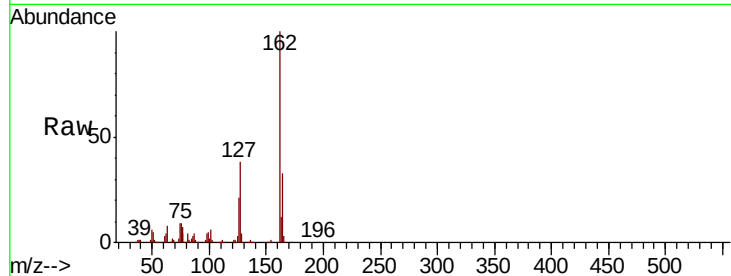
Tot Ion:162 Resp: 429676

Ion Ratio Lower Upper

162 100

127 38.2 28.5 42.7

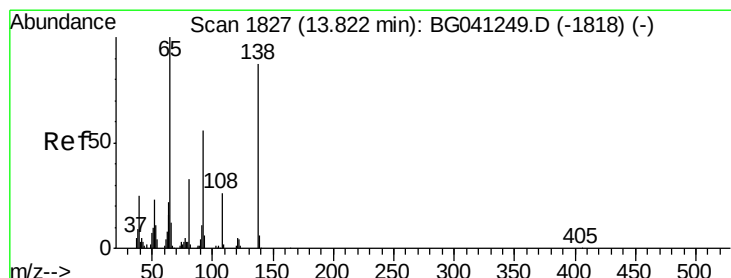
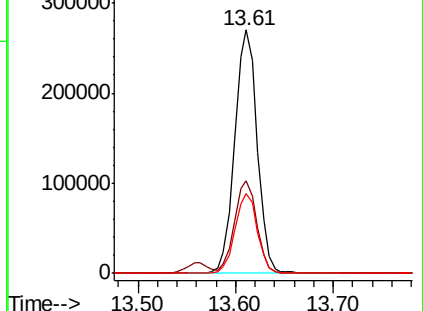
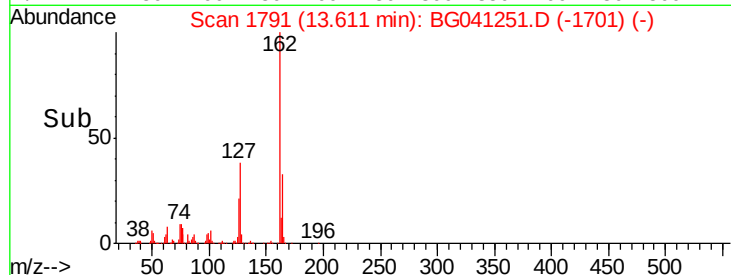
164 33.0 27.0 40.6



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: 62.161 ng

RT: 13.82 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

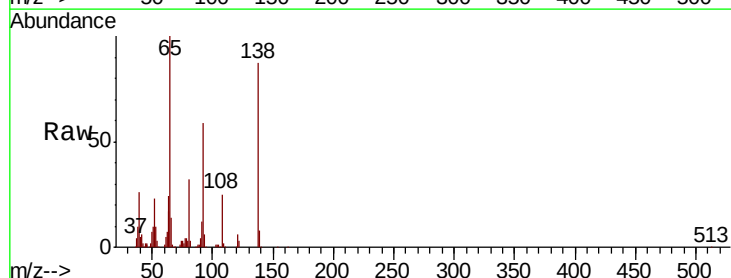
Tgt Ion: 65 Resp: 150319

Ion Ratio Lower Upper

65 100

92 59.2 44.6 66.8

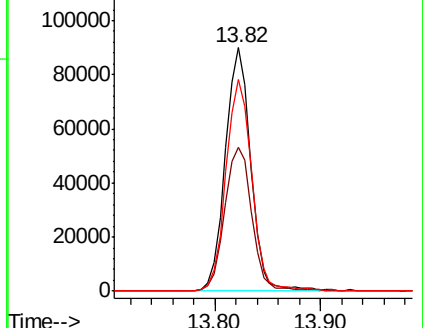
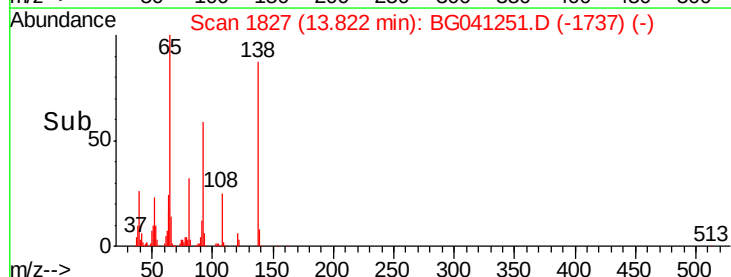
138 86.9 69.2 103.8

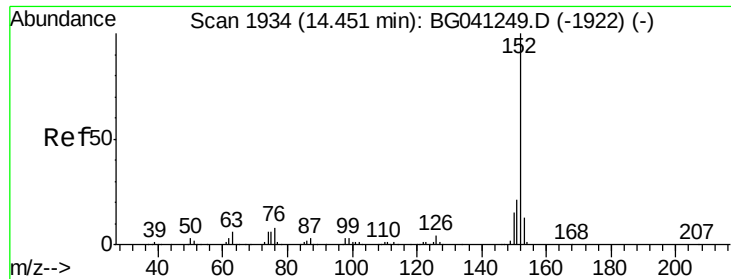


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 60.676 ng

RT: 14.45 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

Instrument :

BNA_G

ClientSampled :

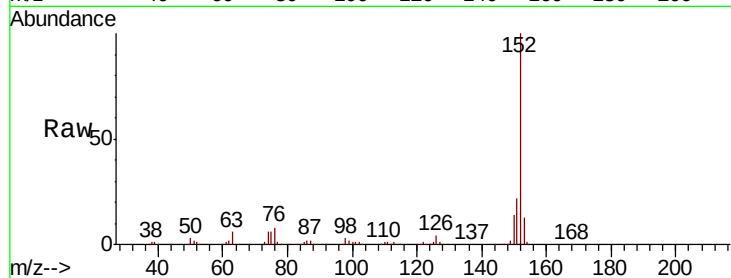
Tot Ion:152 Resp: 615569

Ion Ratio Lower Upper

152 100

151 21.6 16.7 25.1

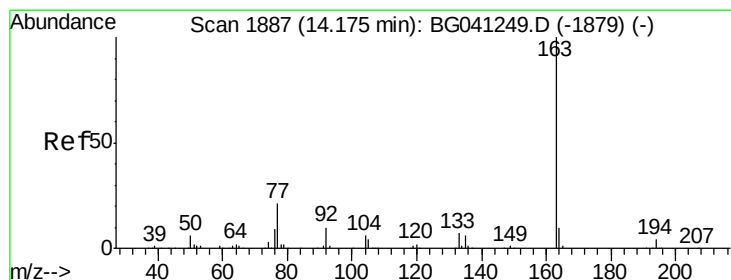
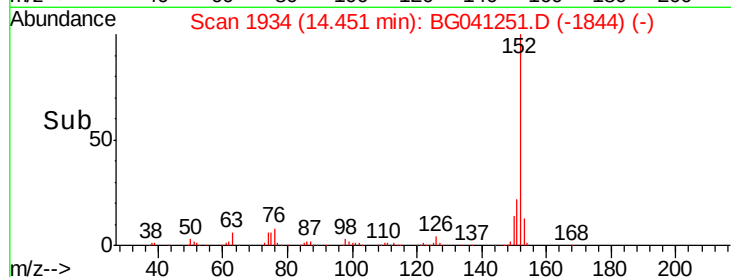
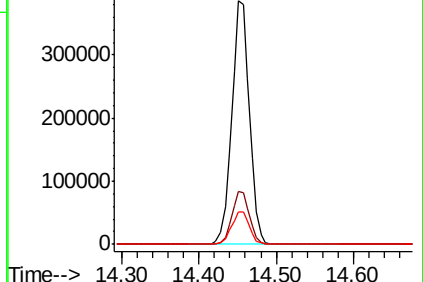
153 13.4 10.6 16.0



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: 58.932 ng

RT: 14.17 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

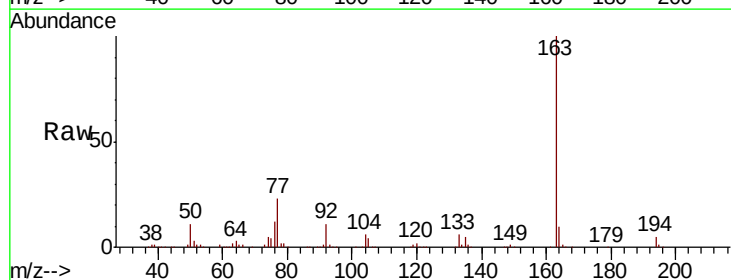
Tgt Ion:163 Resp: 529168

Ion Ratio Lower Upper

163 100

194 5.0 3.5 5.3

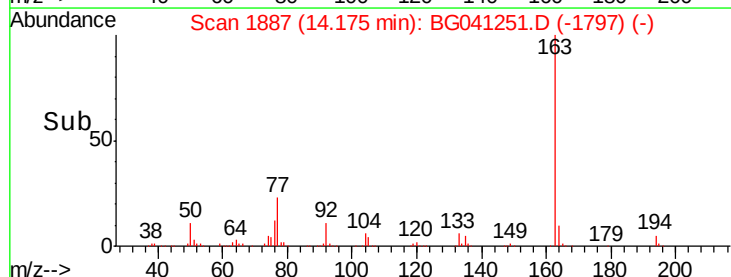
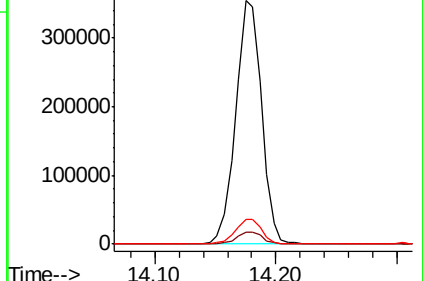
164 10.2 8.4 12.6

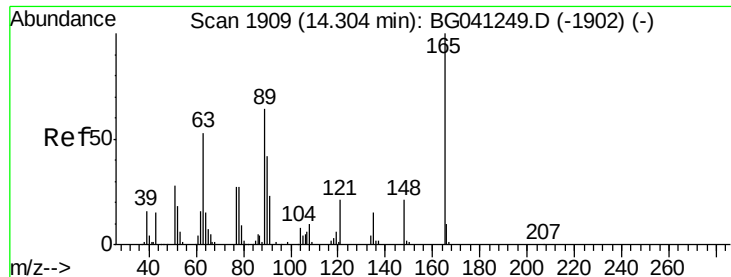


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

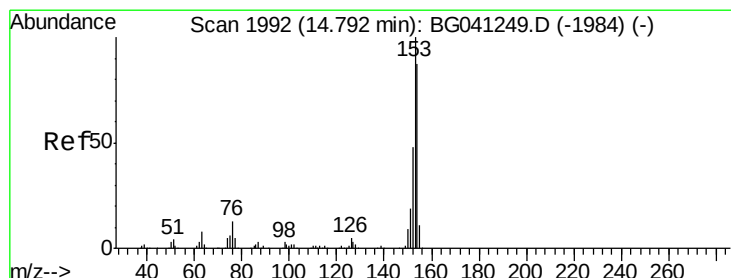
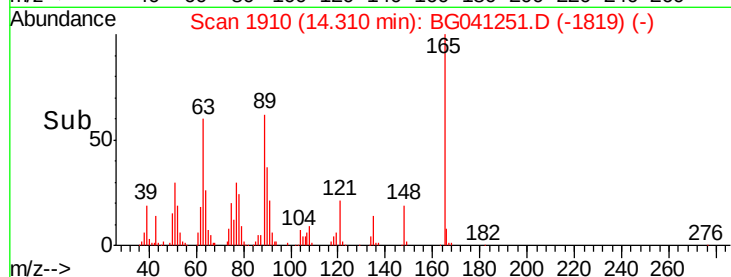
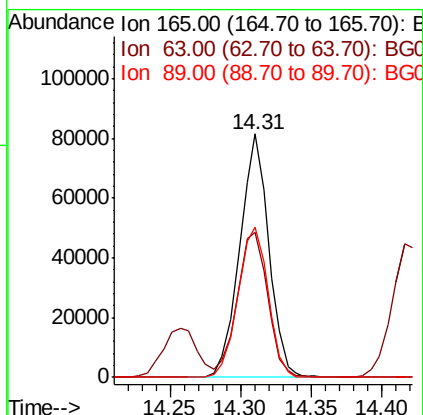
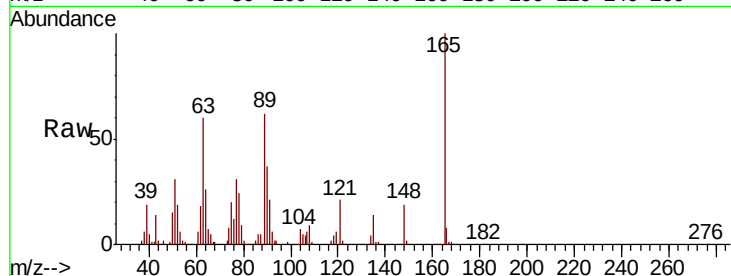




#51
2,6-Dinitrotoluene
Concen: 60.391 ng
RT: 14.31 min Scan# 1910
Delta R.T. 0.01 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

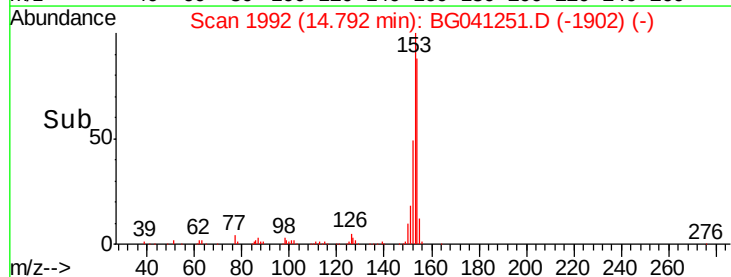
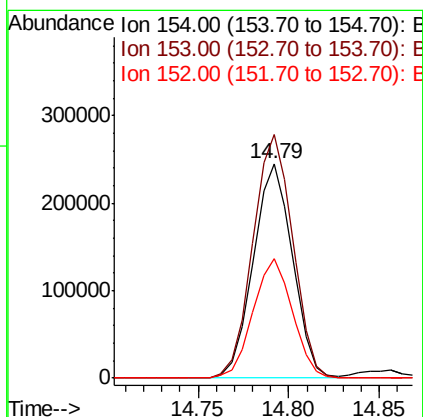
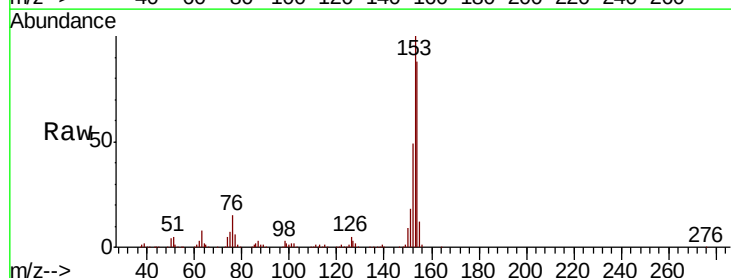
Instrument :
BNA_G
ClientSampleId :

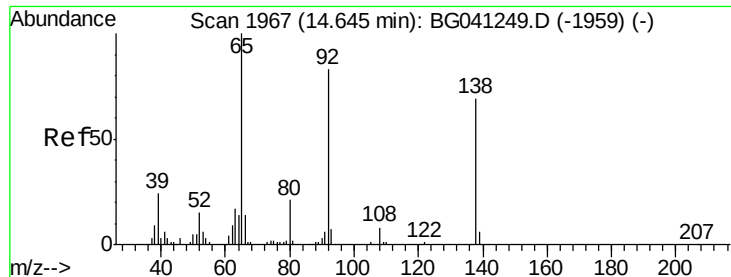
Tot Ion:165 Resp: 116918
Ion Ratio Lower Upper
165 100
63 59.6 53.8 80.8
89 61.6 51.0 76.4



#52
Acenaphthene
Concen: 59.955 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Tgt Ion:154 Resp: 368476
Ion Ratio Lower Upper
154 100
153 113.5 92.3 138.5
152 55.8 44.0 66.0

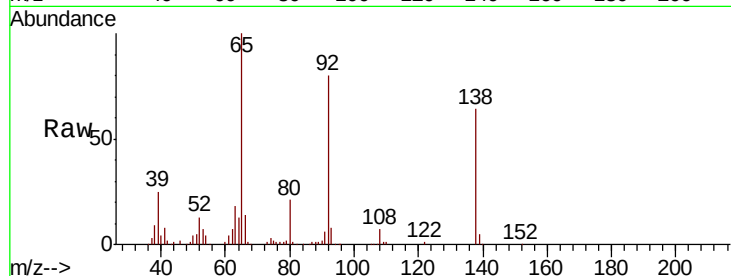




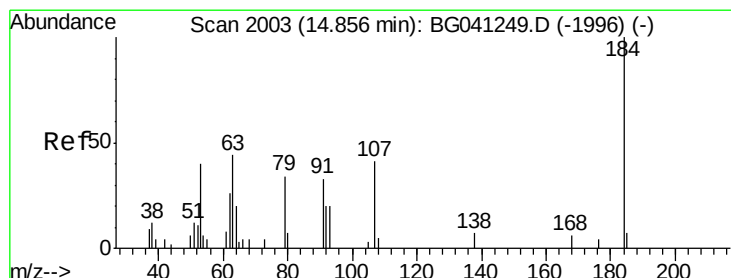
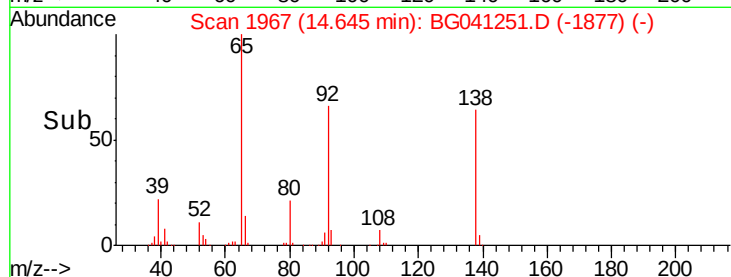
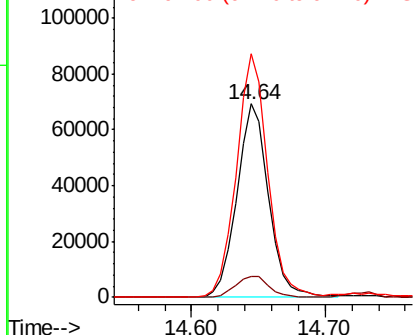
#53
3-Nitroaniline
Concen: 58.742 ng
RT: 14.64 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 113721
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 126.0 96.8 145.2

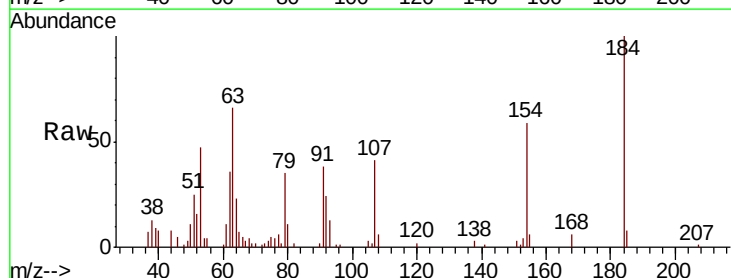


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

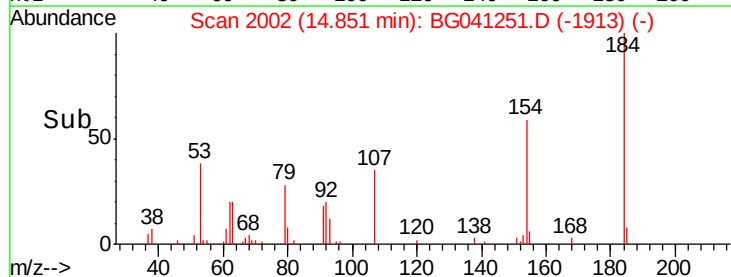
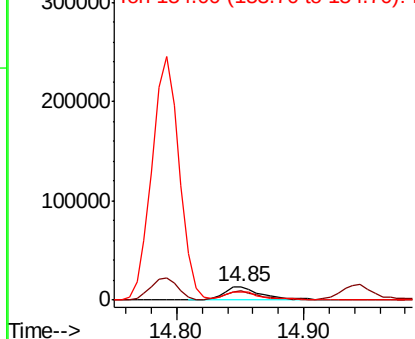


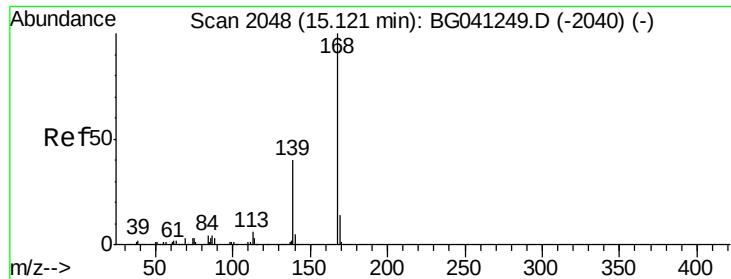
#54
2,4-Dinitrophenol
Concen: 37.700 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Tgt Ion:184 Resp: 28294
Ion Ratio Lower Upper
184 100
63 65.9 43.2 64.8#
154 58.9 43.1 64.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 60.501 ng

RT: 15.13 min Scan# 2049

Delta R.T. 0.01 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

Instrument :

BNA_G

ClientSampled :

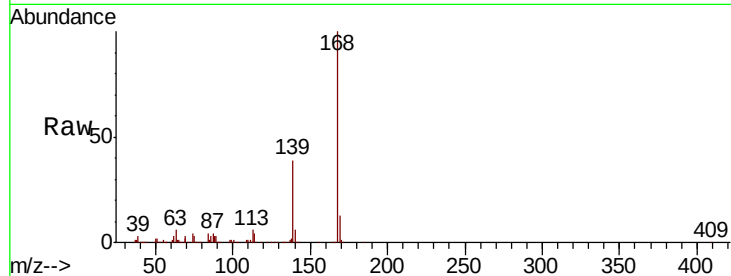
Tot Ion:168 Resp: 625660

Ion	Ratio	Lower	Upper
168	100		
139	39.5	32.0	48.0
169	12.9	11.2	16.8

168 100

139 39.5 32.0 48.0

169 12.9 11.2 16.8

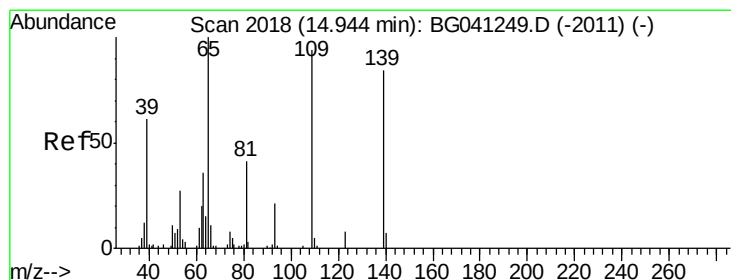
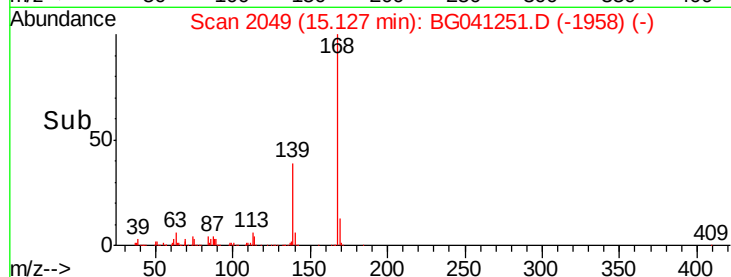
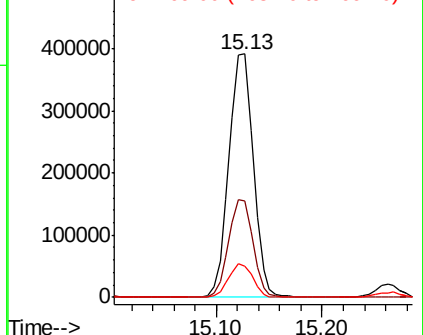


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 51.996 ng

RT: 14.94 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

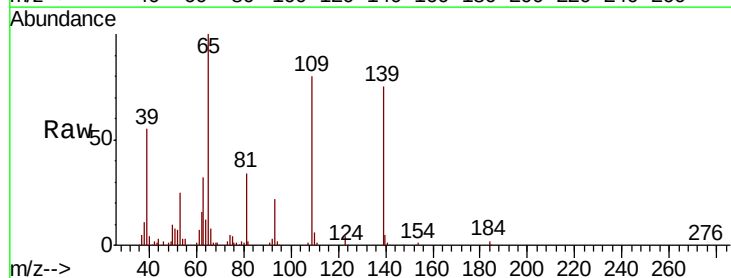
Tgt Ion:139 Resp: 69045

Ion	Ratio	Lower	Upper
139	100		
109	106.0	92.6	132.6
65	132.6	101.0	141.0

139 100

109 106.0 92.6 132.6

65 132.6 101.0 141.0

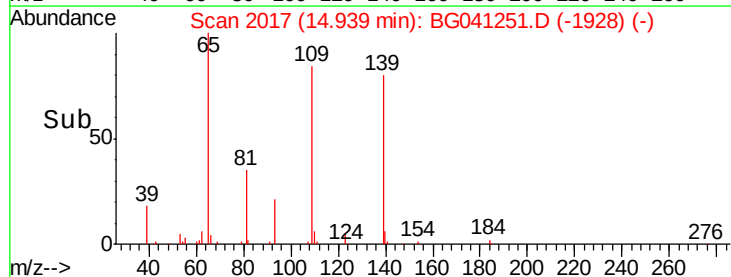
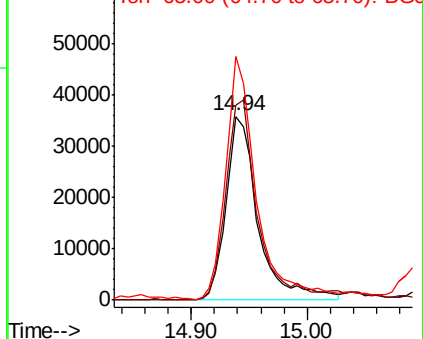


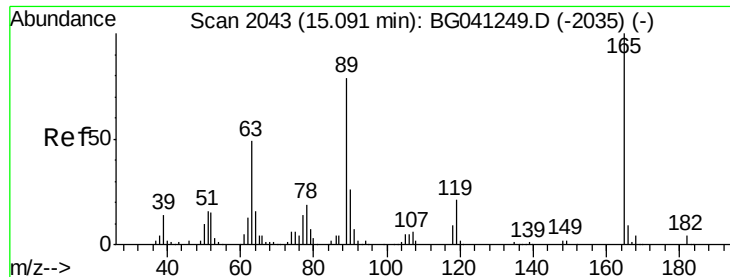
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

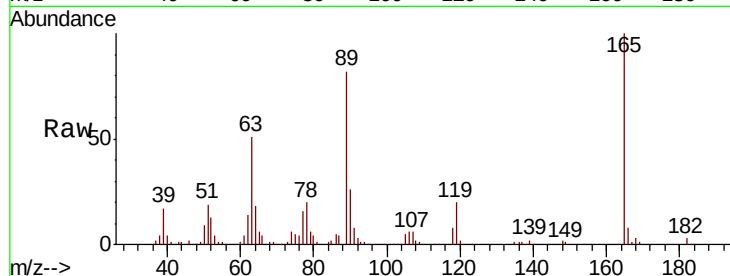




#57
2,4-Dinitrotoluene
Concen: 59.239 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.9	39.4	59.2
89	81.7	62.8	94.2
182	3.1	2.8	4.2



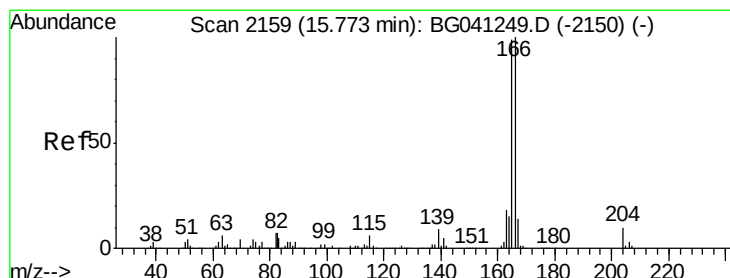
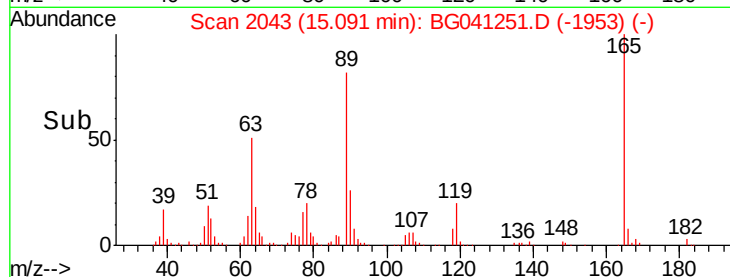
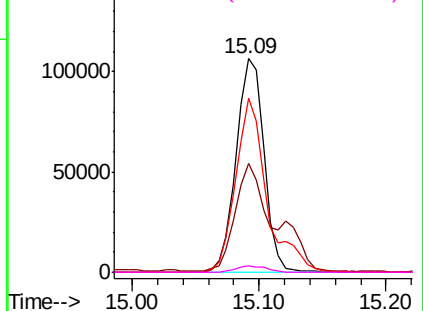
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

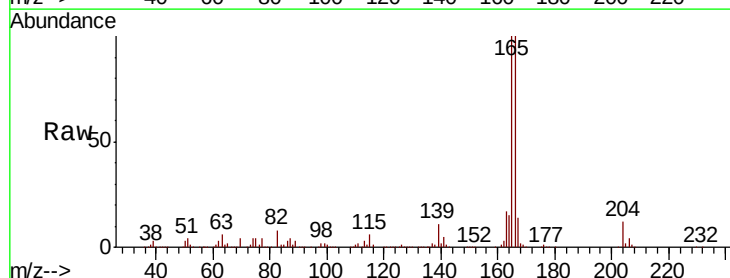
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 58.518 ng
RT: 15.77 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.4	119.0
167	13.7	11.1	16.7

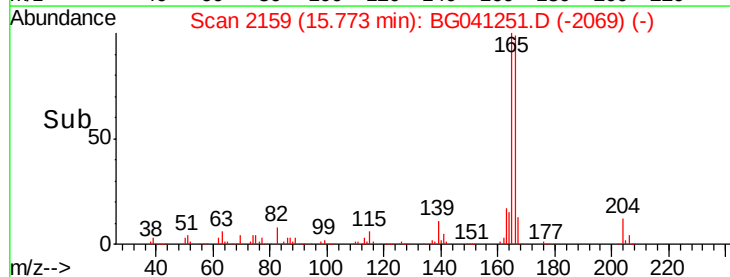
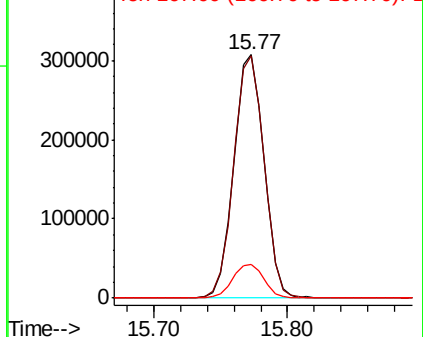


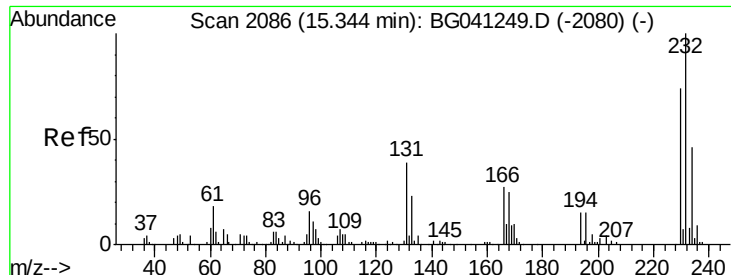
Abundance

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

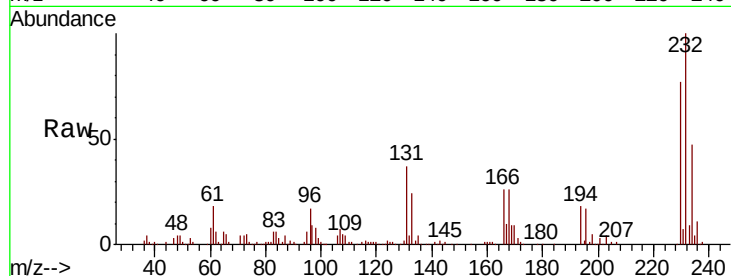




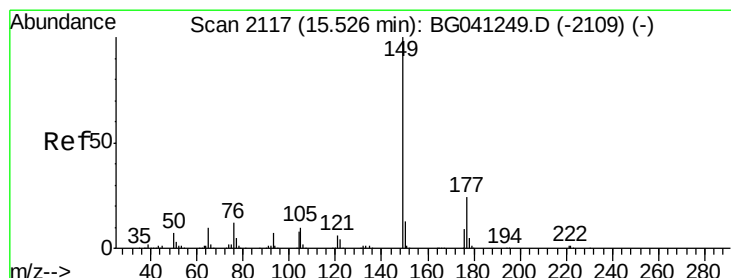
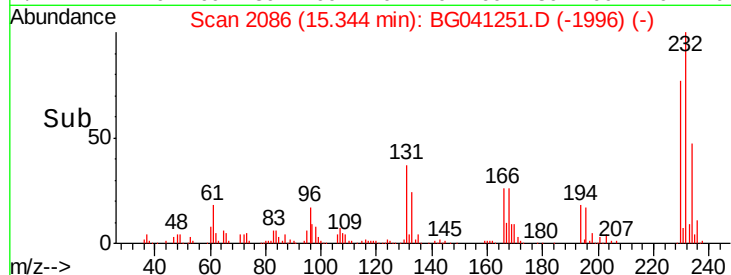
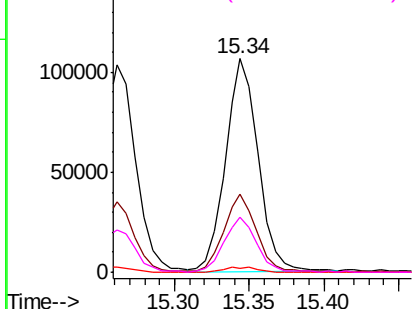
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.629 ng
 RT: 15.34 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BG041251.D
 Acq: 14 Jun 2019 13:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	162333
Ion	Ratio	Lower	Upper
232	100		
131	36.6	30.3	45.5
130	2.3	1.8	2.8
166	25.2	21.0	31.4

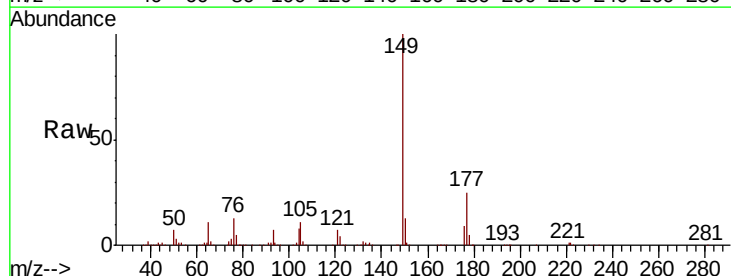


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

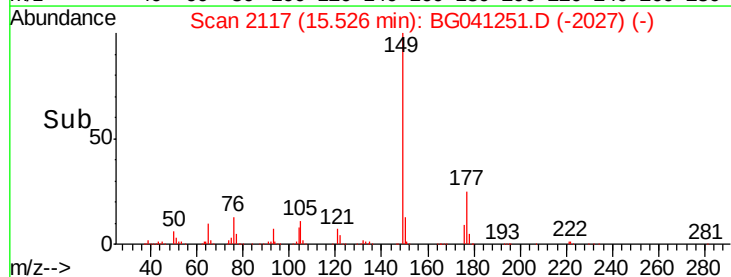
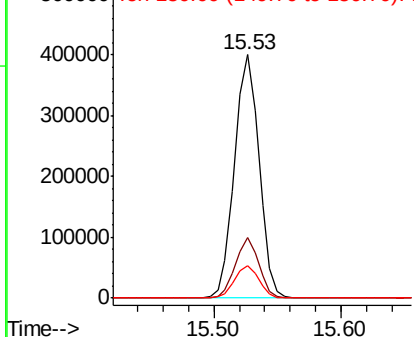


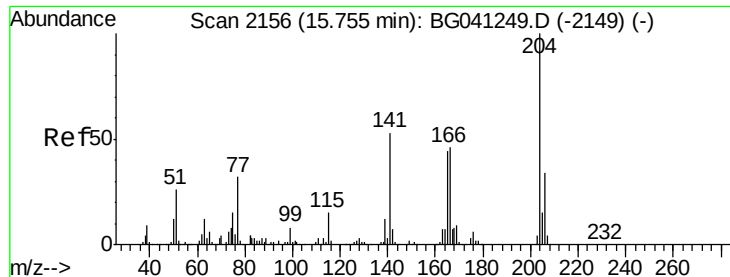
#60
 Diethylphthalate
 Concen: 58.257 ng
 RT: 15.53 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: BG041251.D
 Acq: 14 Jun 2019 13:03

Tgt Ion:	149	Resp:	533847
Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.0	28.4
150	13.4	10.6	16.0



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

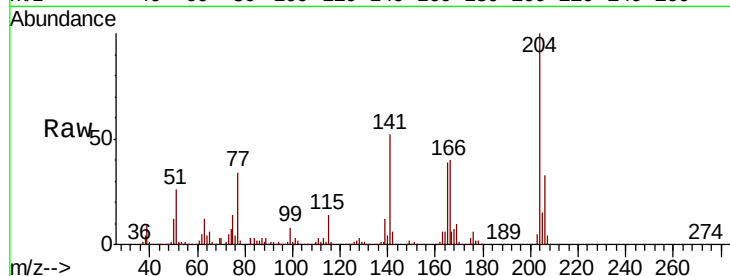




#61
 4-Chlorophenyl-phenylether
 Concen: 59.622 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BG041251.D
 Acq: 14 Jun 2019 13:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	27.3	40.9
141	52.5	42.6	63.8

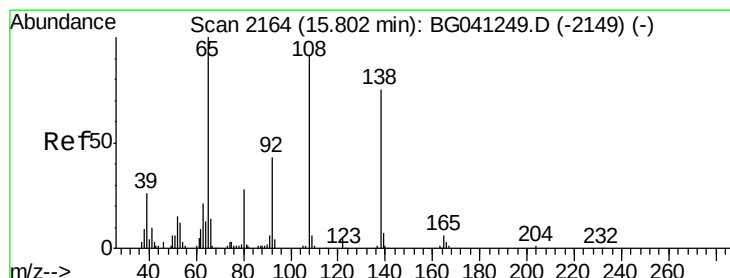
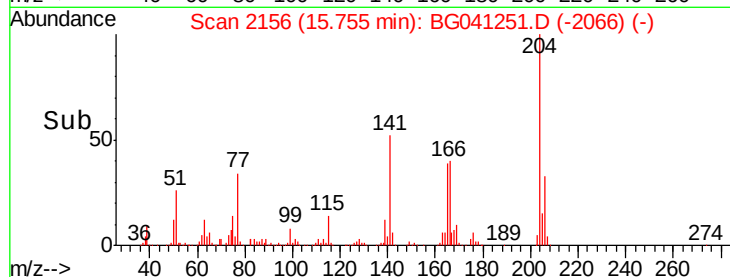
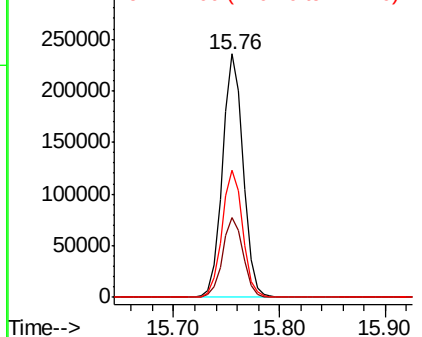


Abundance

Ion 204.00 (203.70 to 204.70): E

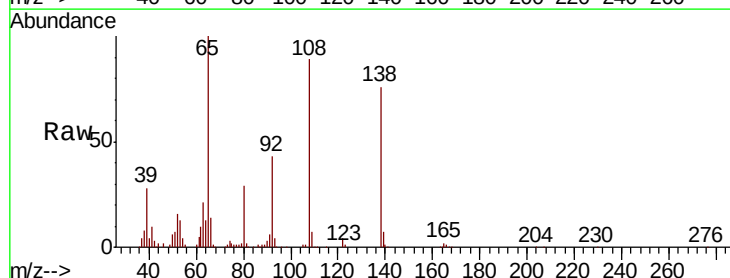
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 56.682 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.01 min
 Lab File: BG041251.D
 Acq: 14 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.0	36.9	76.9
108	116.4	100.3	140.3

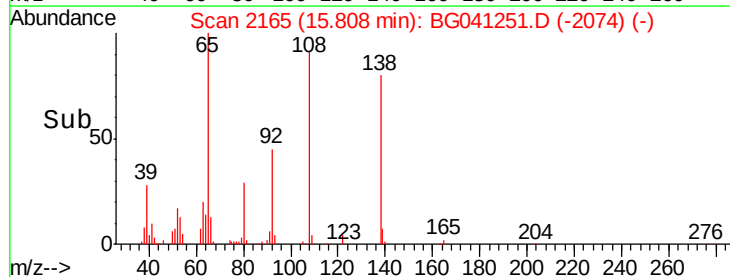
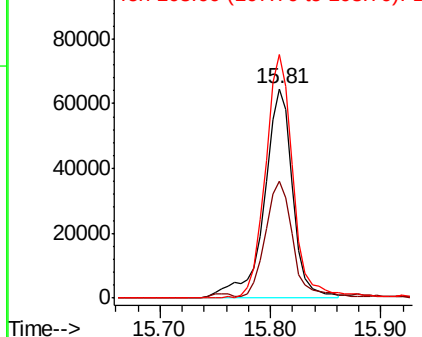


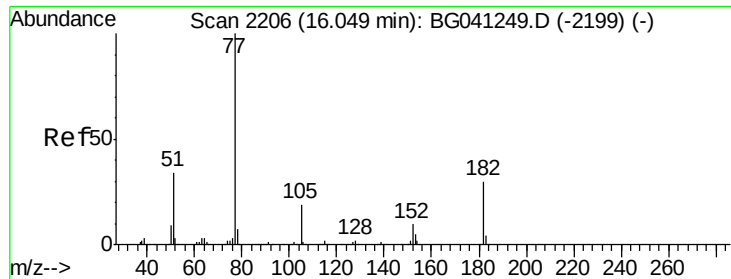
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

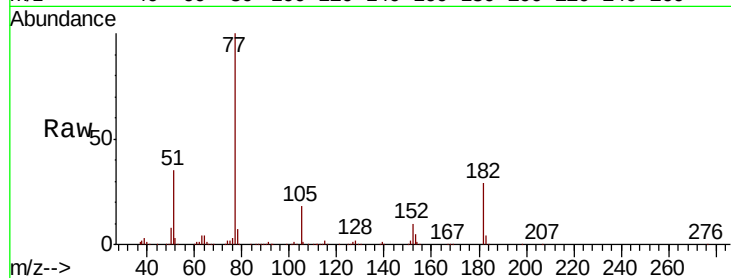




#63
Azobenzene
Concen: 57.940 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.1	9.9	49.9
105	18.0	0.0	38.7
51	35.0	14.0	54.0



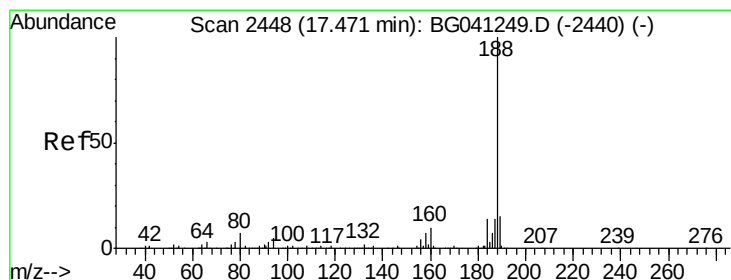
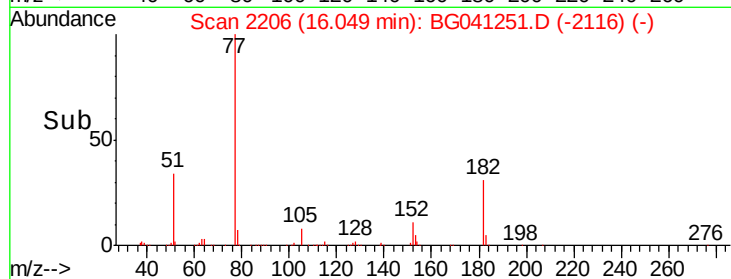
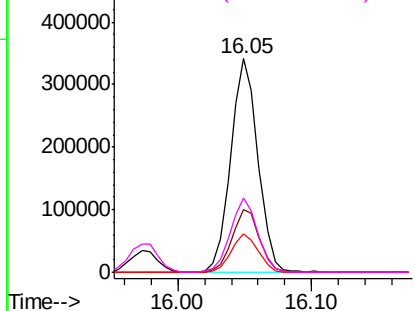
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

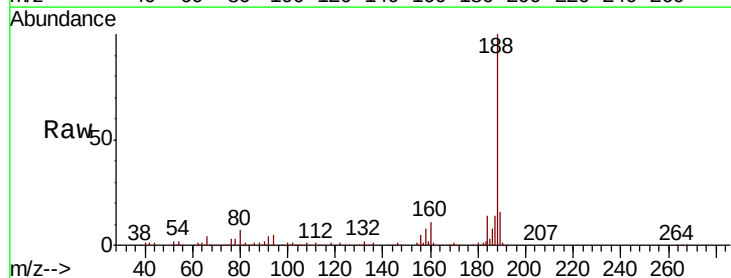
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.2	4.0	6.0
80	6.6	5.5	8.3

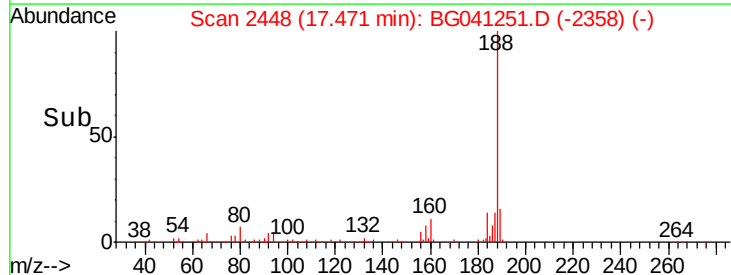
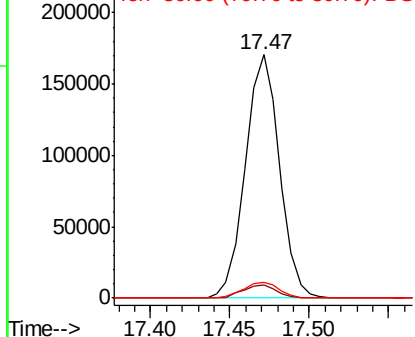


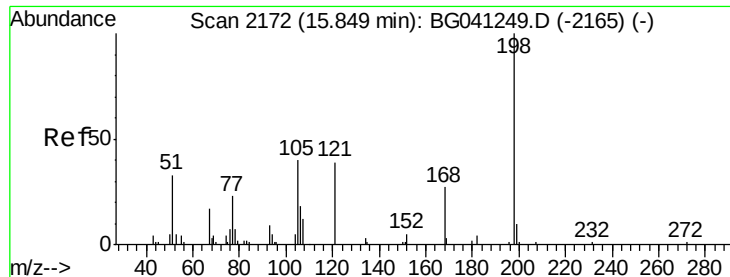
Abundance

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: 54.287 ng

RT: 15.85 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

Instrument :

BNA_G

ClientSampleId :

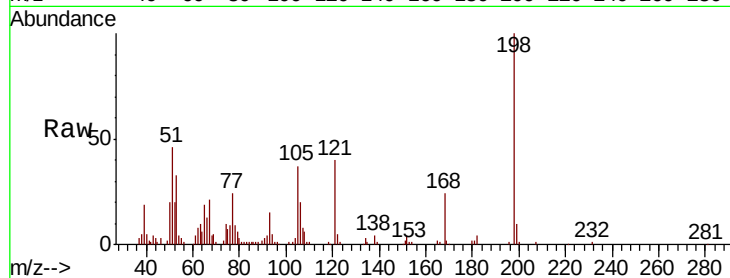
Tot Ion:198 Resp: 66376

Ion Ratio Lower Upper

198 100

51 46.2 28.0 68.0

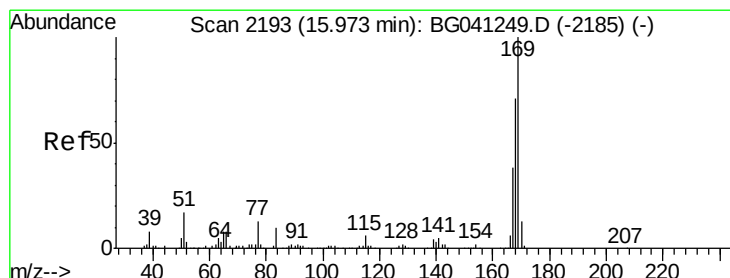
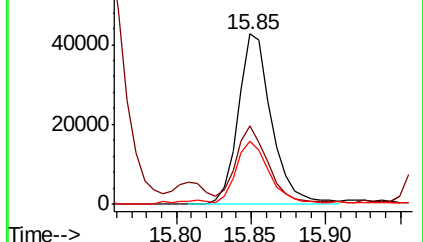
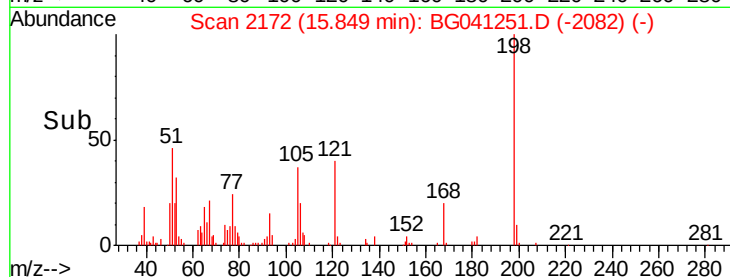
105 37.1 22.9 62.9



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: 59.757 ng

RT: 15.98 min Scan# 2194

Delta R.T. 0.01 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

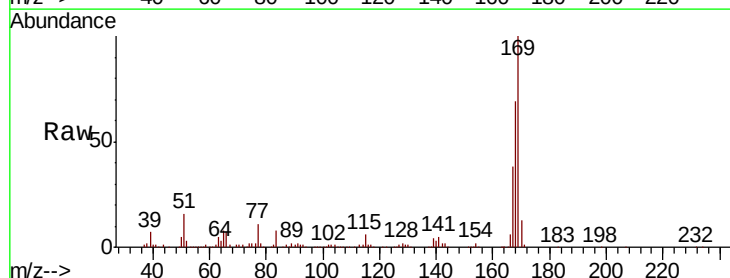
Tgt Ion:169 Resp: 428083

Ion Ratio Lower Upper

169 100

168 68.8 56.9 85.3

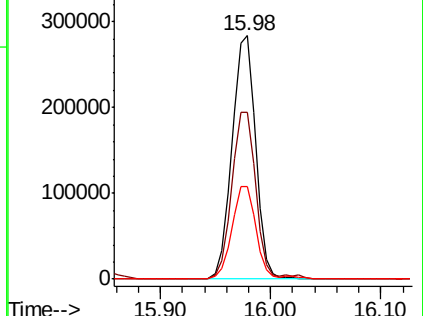
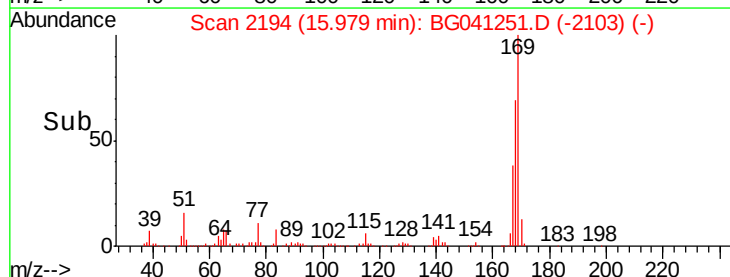
167 37.9 30.5 45.7

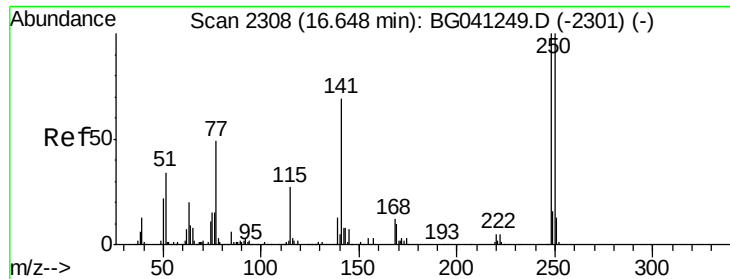


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

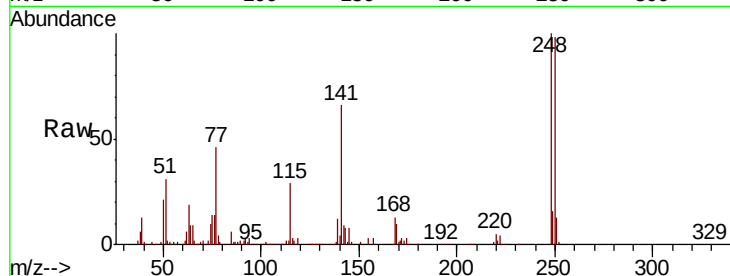




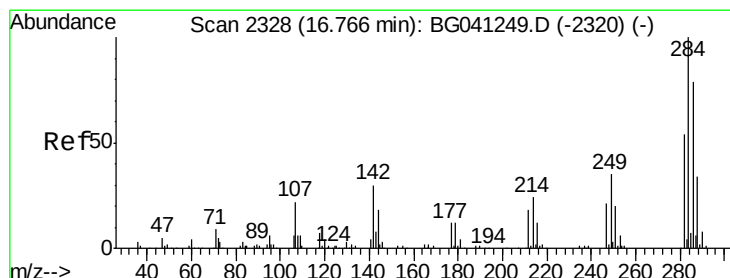
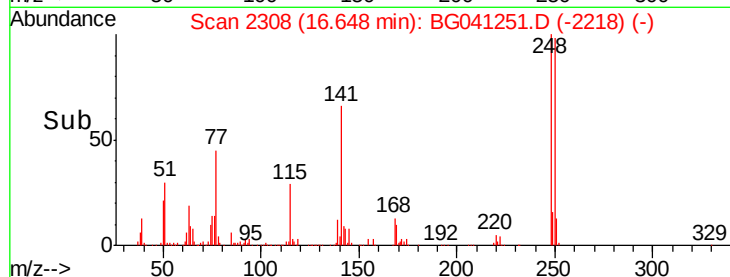
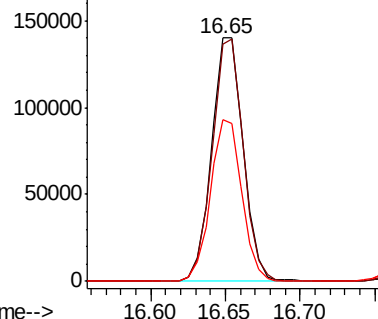
#67
4-Bromophenyl-phenylether
Concen: 59.685 ng
RT: 16.65 min Scan# 2308
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	80.0	120.0
141	66.2	55.5	83.3

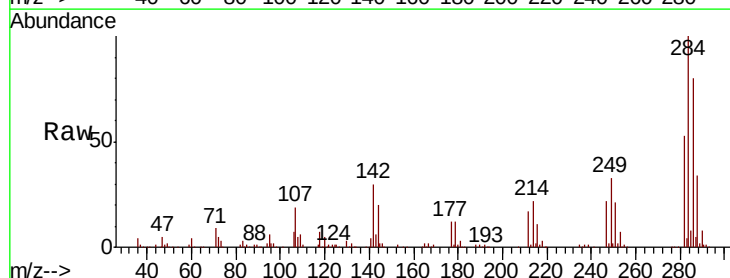


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

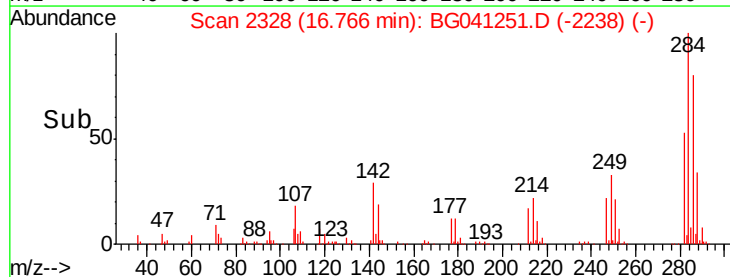
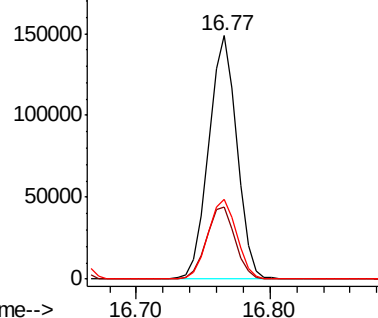


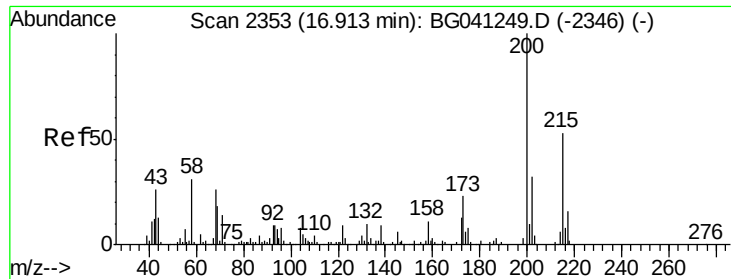
#68
Hexachlorobenzene
Concen: 59.288 ng
RT: 16.77 min Scan# 2328
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	24.2	36.4
249	33.0	28.2	42.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 45.601 ng

RT: 16.91 min Scan# 2353

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

Instrument :

BNA_G

ClientSampleId :

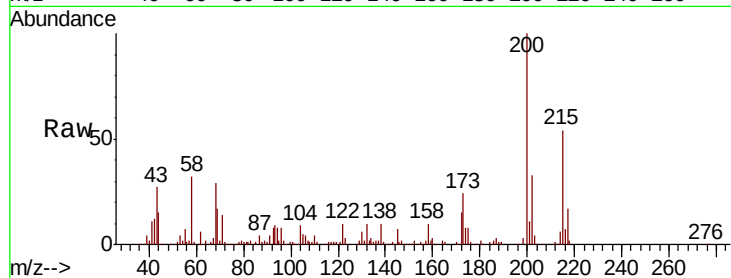
Tot Ion:200 Resp: 126048

Ion Ratio Lower Upper

200 100

173 23.7 3.2 43.2

215 54.0 33.2 73.2

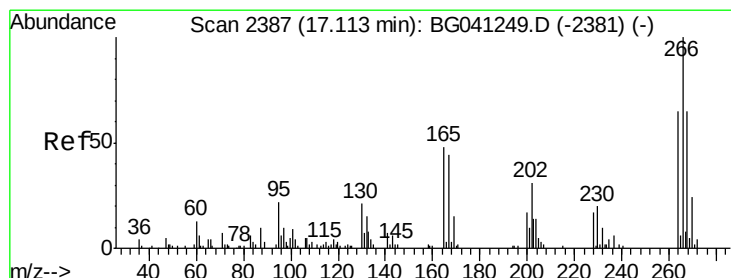
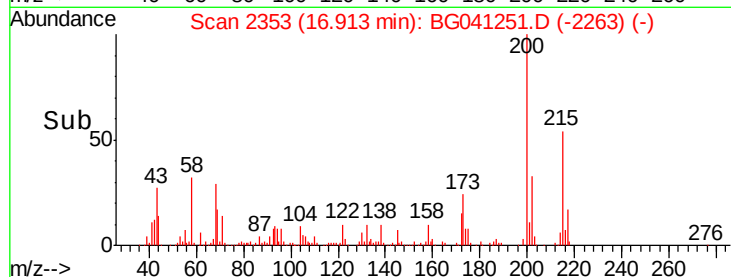
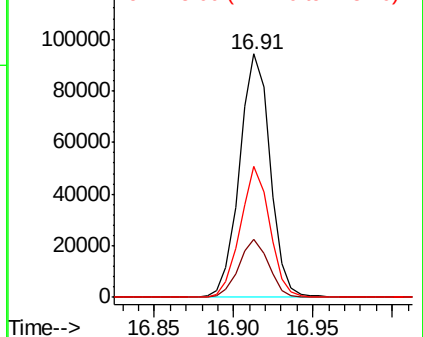


Abundance

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: 51.668 ng

RT: 17.11 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

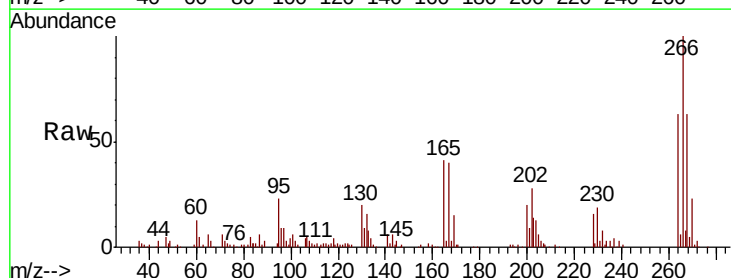
Tgt Ion:266 Resp: 91694

Ion Ratio Lower Upper

266 100

268 63.4 51.7 77.5

264 63.5 51.8 77.8

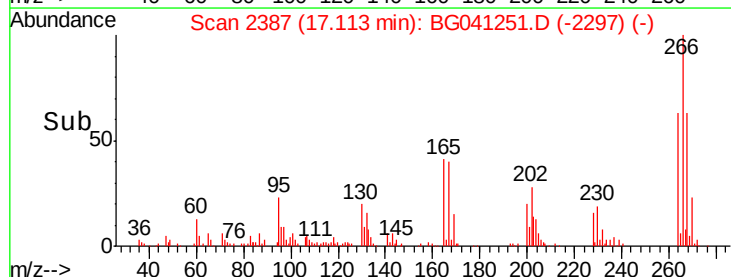
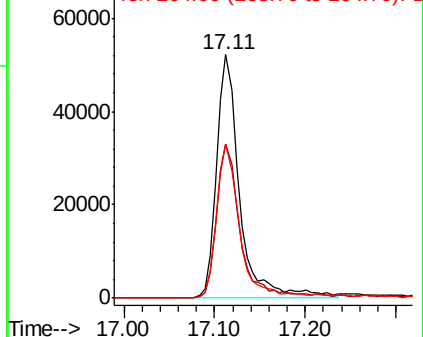


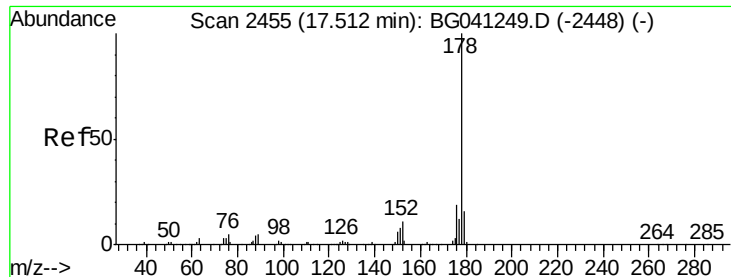
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 60.291 ng

RT: 17.51 min Scan# 2455

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

Instrument :

BNA_G

ClientSampleId :

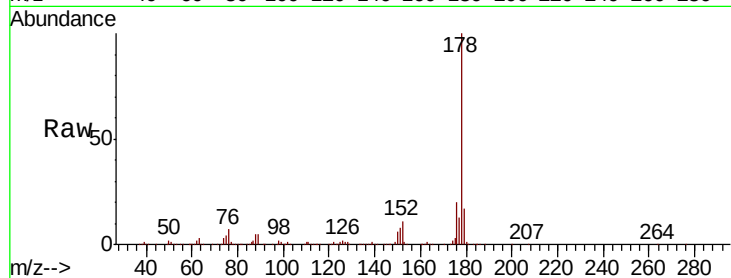
Tot Ion:178 Resp: 800298

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

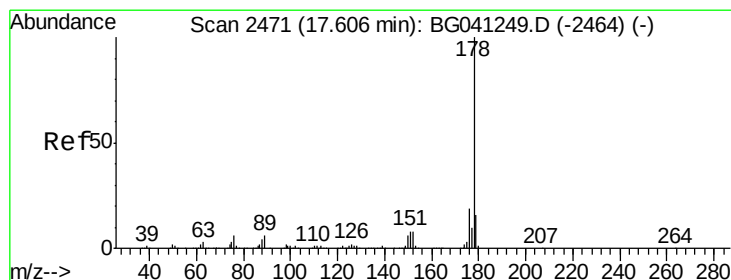
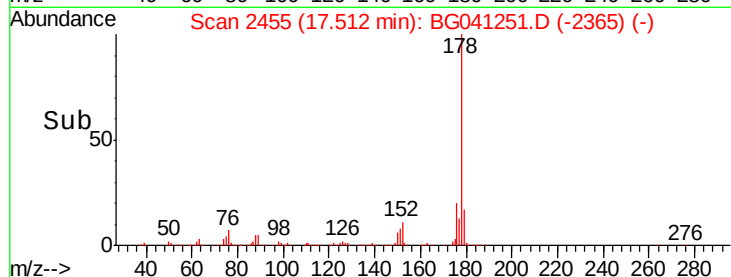
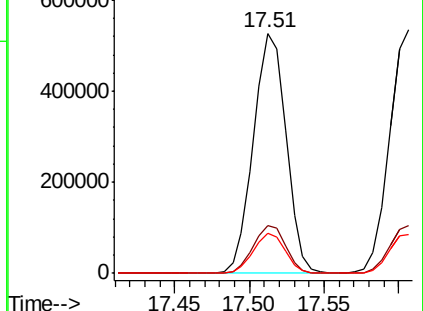
179 16.9 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 61.335 ng

RT: 17.61 min Scan# 2471

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

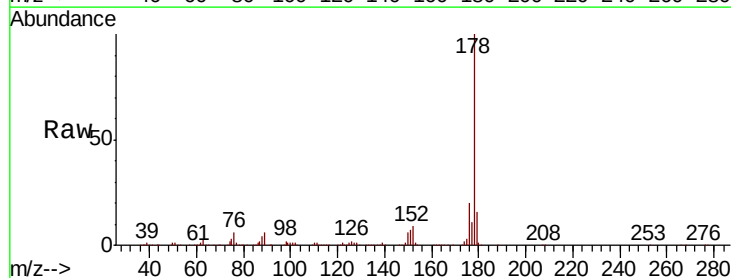
Tgt Ion:178 Resp: 802980

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

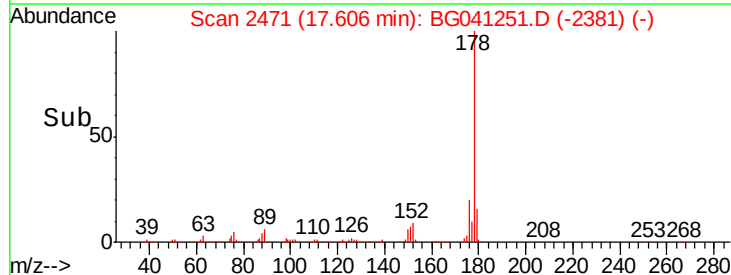
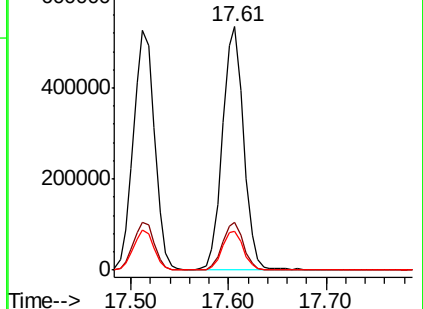
179 16.1 12.4 18.6

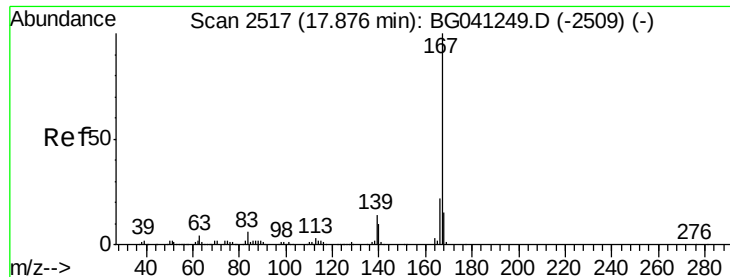


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

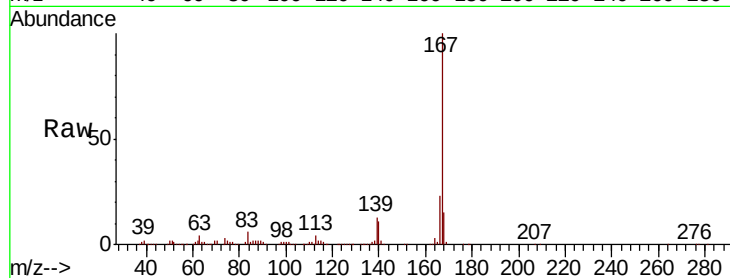




#73
 Carbazole
 Concen: 61.082 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. 0.00 min
 Lab File: BG041251.D
 Acq: 14 Jun 2019 13:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.0	10.9	16.3

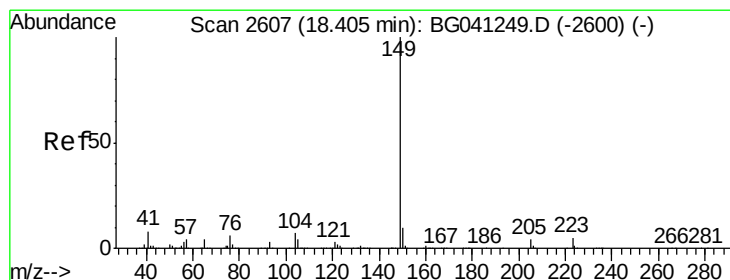
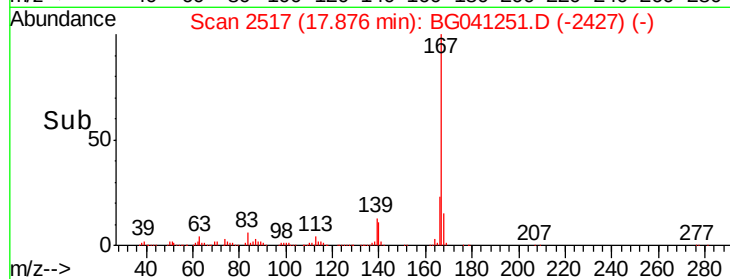
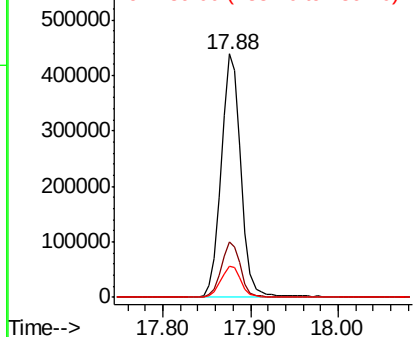


Abundance

Ion 167.00 (166.70 to 167.70): E

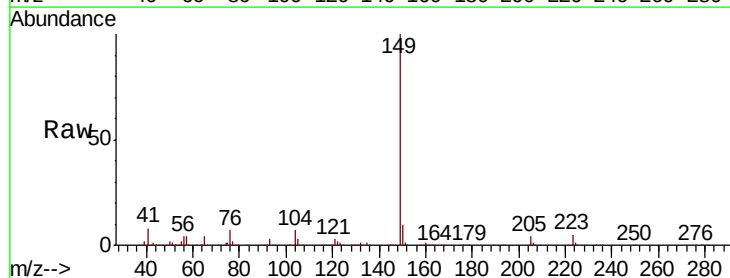
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 61.021 ng
 RT: 18.41 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: BG041251.D
 Acq: 14 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.9	11.9
104	6.7	5.2	7.8

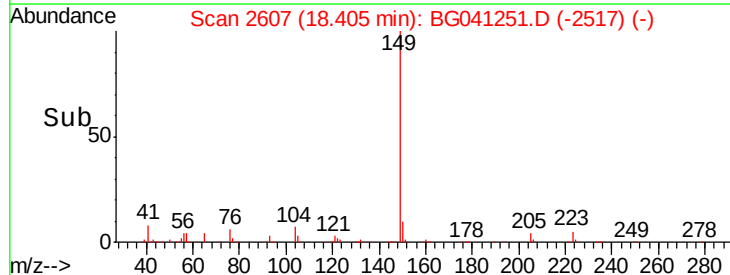
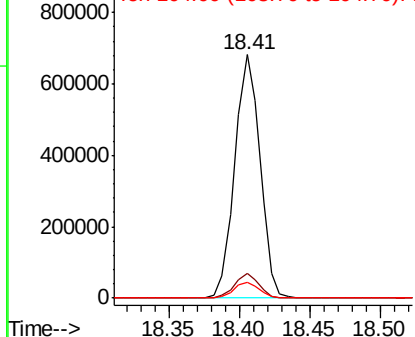


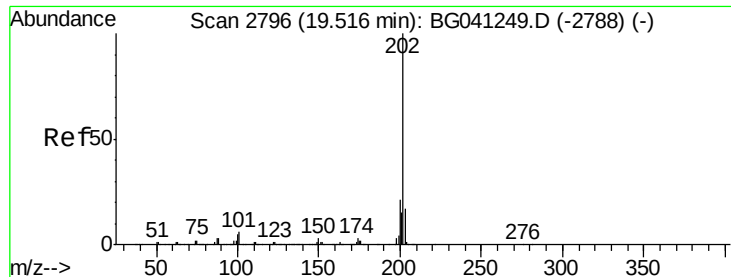
Abundance

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: 62.901 ng

RT: 19.52 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

Instrument :

BNA_G

ClientSampled :

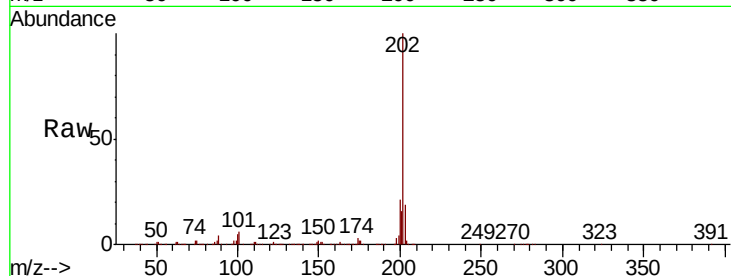
Tot Ion:202 Resp: 1031295

Ion Ratio Lower Upper

202 100

101 6.3 0.0 25.9

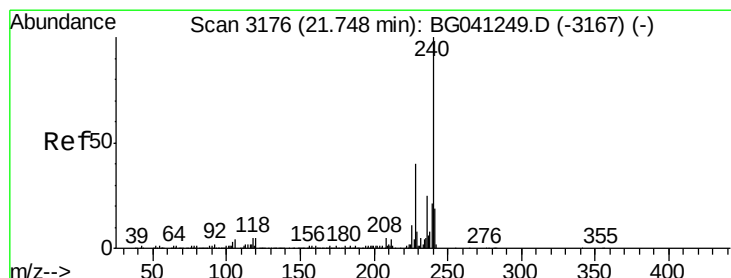
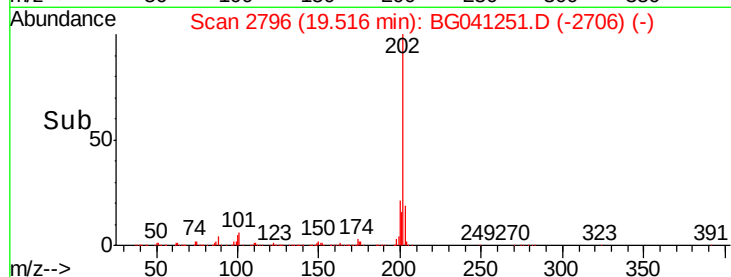
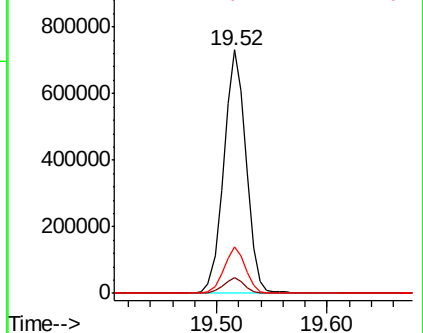
203 19.0 0.0 37.5



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: 21.75 min Scan# 3176

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

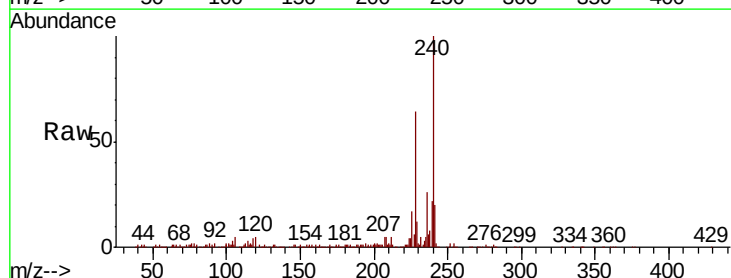
Tgt Ion:240 Resp: 255534

Ion Ratio Lower Upper

240 100

120 5.2 4.1 6.1

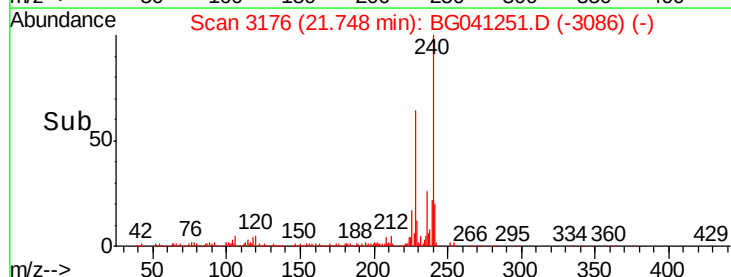
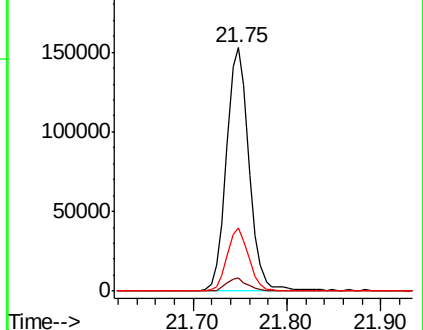
236 25.9 19.9 29.9

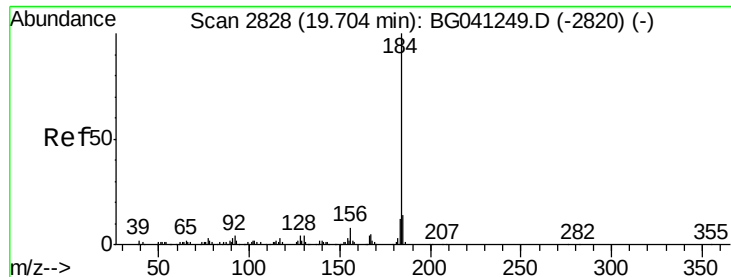


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.342 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

Instrument :

BNA_G

ClientSampleId :

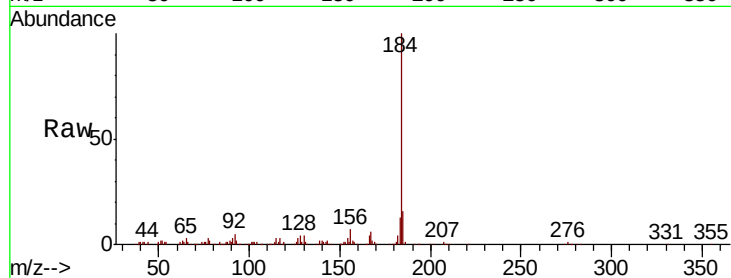
Tot Ion:184 Resp: 239821

Ion Ratio Lower Upper

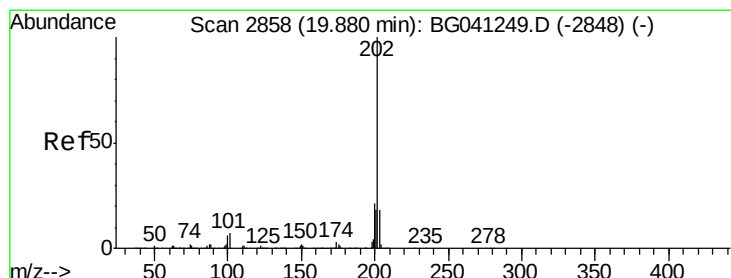
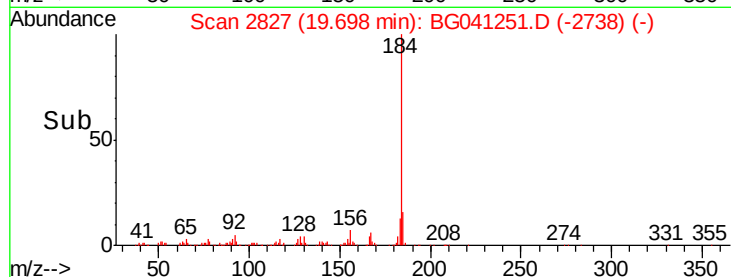
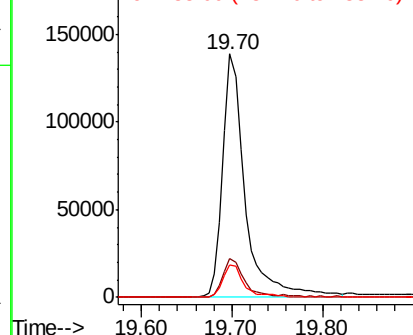
184 100

185 15.9 11.5 17.3

183 13.1 9.6 14.4



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: 62.712 ng

RT: 19.88 min Scan# 2858

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

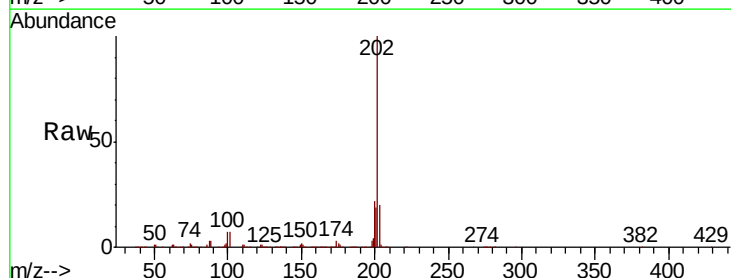
Tgt Ion:202 Resp: 1041727

Ion Ratio Lower Upper

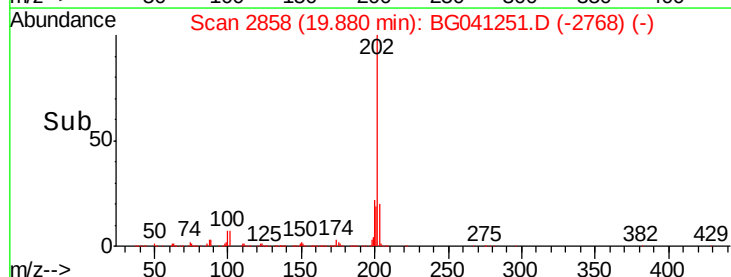
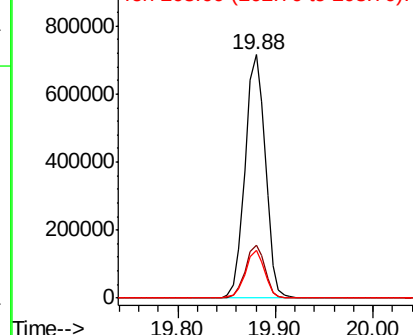
202 100

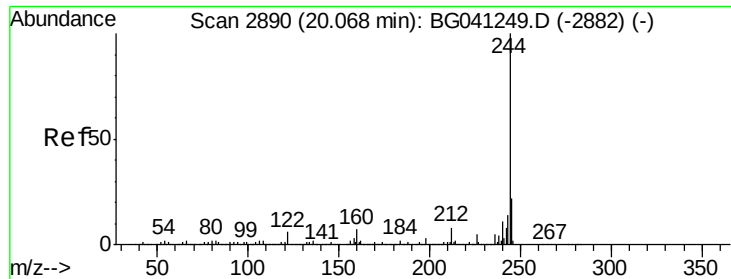
200 21.9 17.0 25.4

203 19.6 14.5 21.7



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: 126.167 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

Instrument :

BNA_G

ClientSampled :

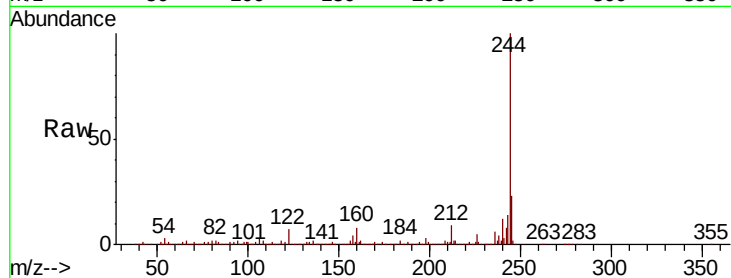
Tot Ion:244 Resp: 1519071

Ion Ratio Lower Upper

244 100

212 8.9 6.6 9.8

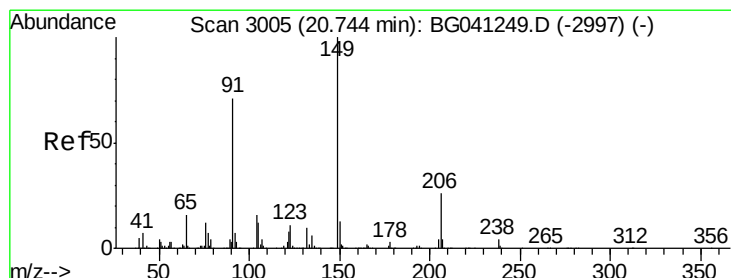
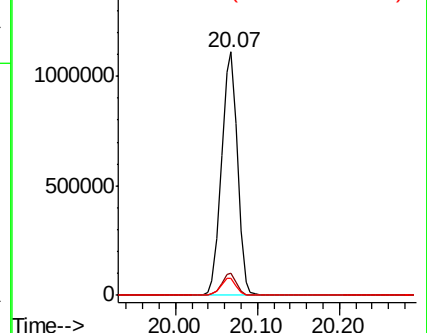
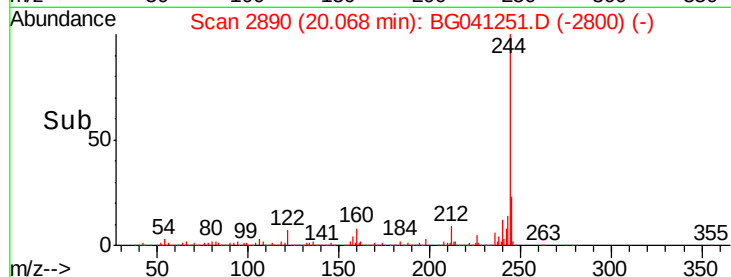
122 7.0 4.6 7.0#



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: 61.801 ng

RT: 20.74 min Scan# 3005

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

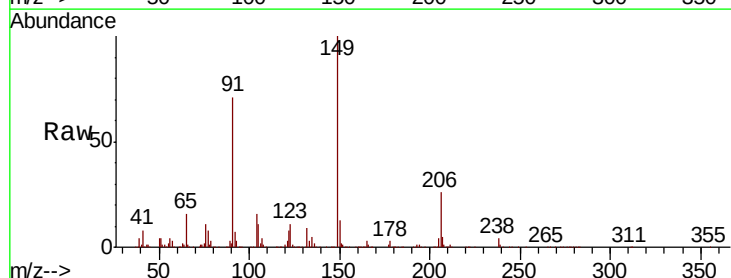
Tgt Ion:149 Resp: 399512

Ion Ratio Lower Upper

149 100

91 71.0 56.5 84.7

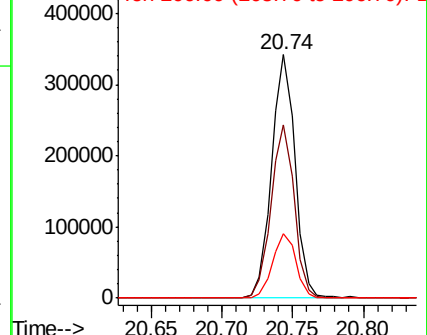
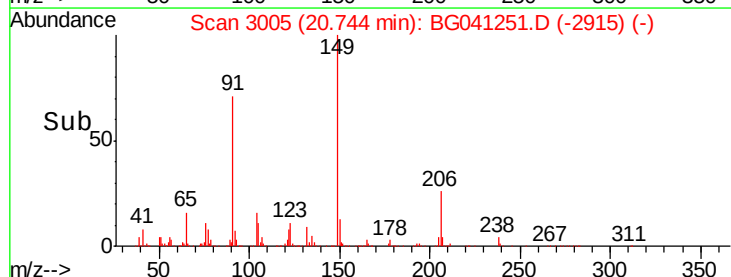
206 26.4 21.0 31.4

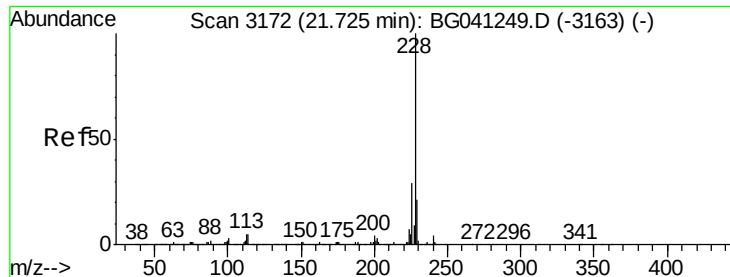


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 59.499 ng

RT: 21.72 min Scan# 3172

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

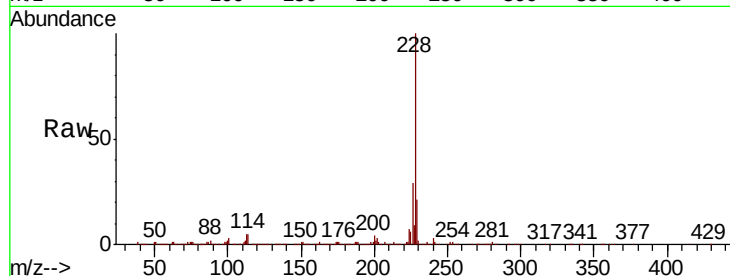
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1012076

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.1	34.7
229	21.4	16.6	24.8

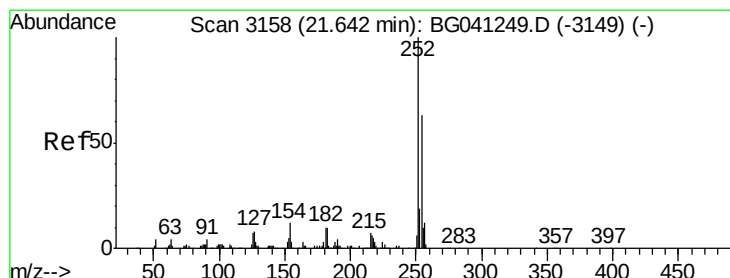
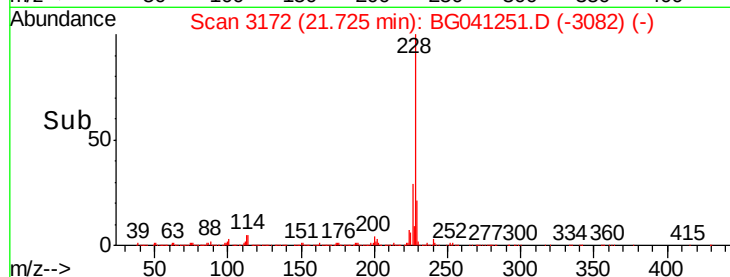
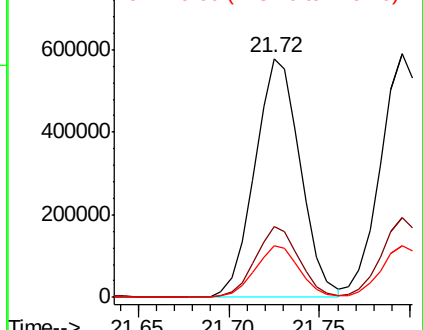


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 54.765 ng

RT: 21.64 min Scan# 3158

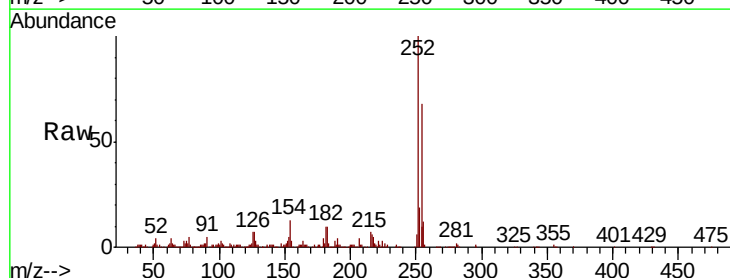
Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

Tgt Ion:252 Resp: 327649

Ion	Ratio	Lower	Upper
252	100		
254	67.8	50.7	76.1
126	7.2	5.3	7.9

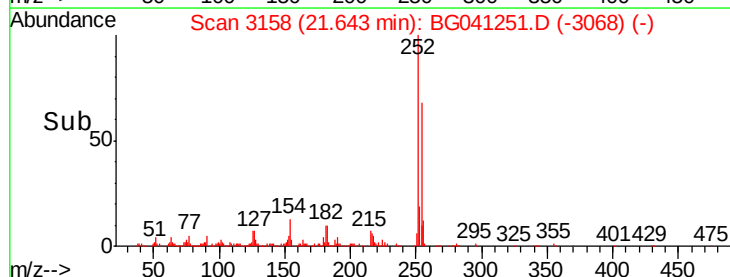
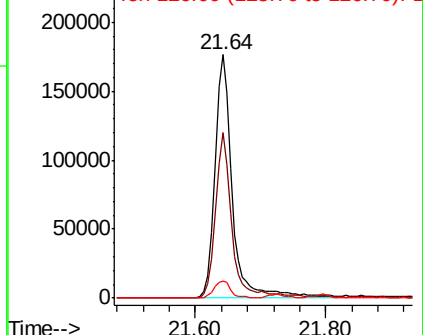


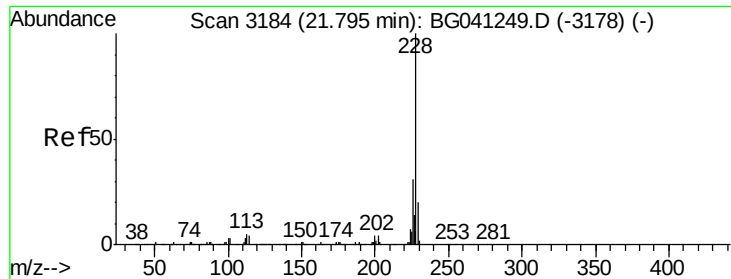
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 60.792 ng

RT: 21.80 min Scan# 3184

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

Instrument :

BNA_G

ClientSampleId :

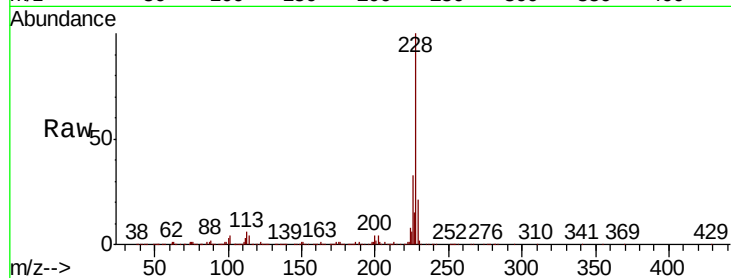
Tot Ion:228 Resp: 989561

Ion Ratio Lower Upper

228 100

226 32.6 24.8 37.2

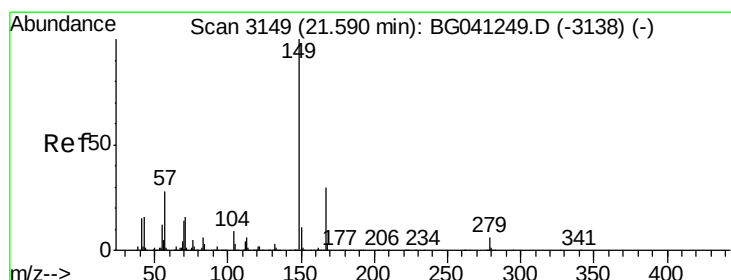
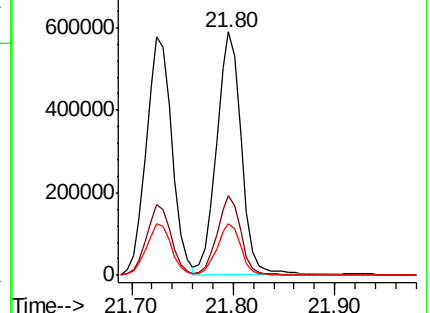
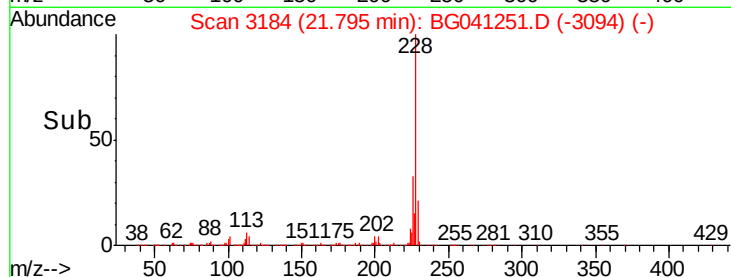
229 21.3 15.8 23.6



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: 60.675 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG041251.D

Acq: 14 Jun 2019 13:03

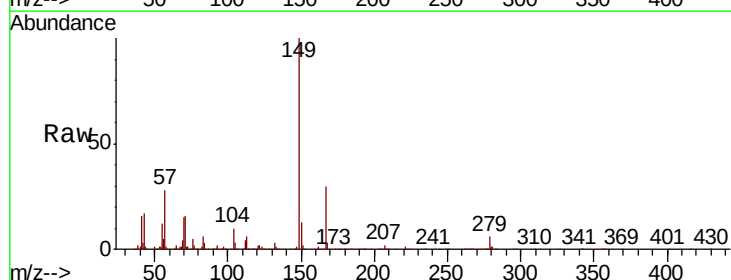
Tgt Ion:149 Resp: 552147

Ion Ratio Lower Upper

149 100

167 30.1 23.8 35.8

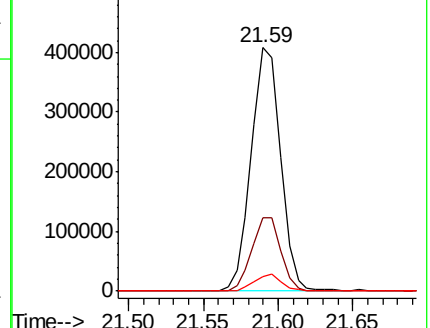
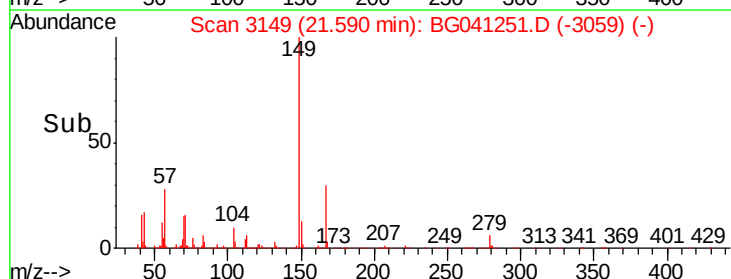
279 6.0 4.6 7.0

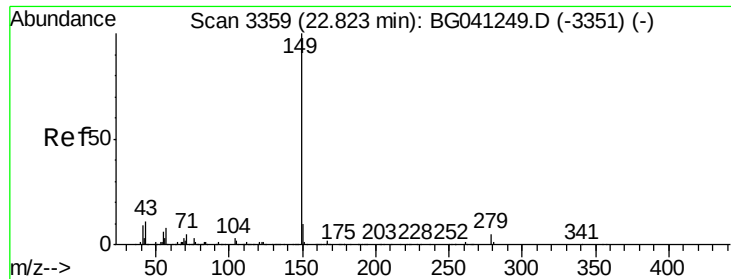


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

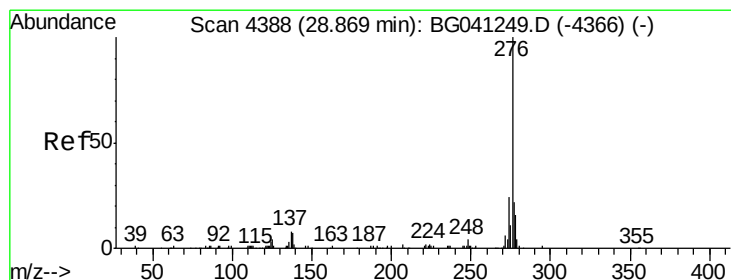
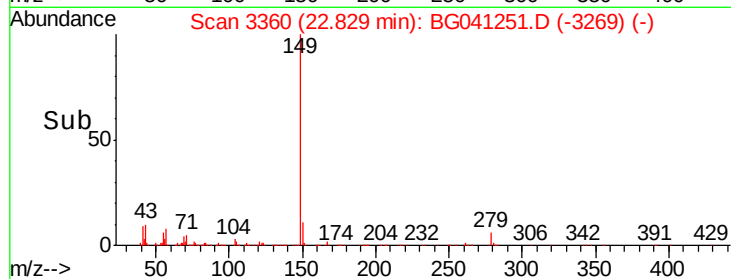
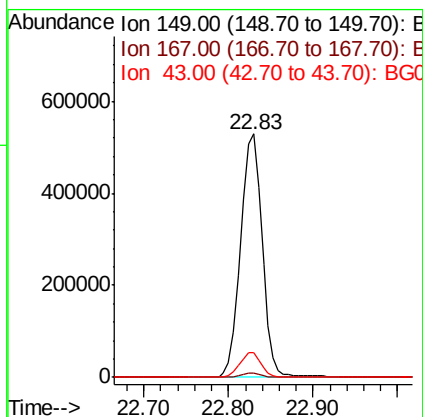
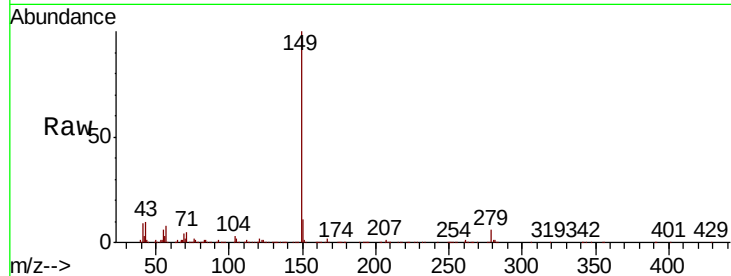




#85
Di-n-octyl phthalate
Concen: 61.472 ng
RT: 22.83 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

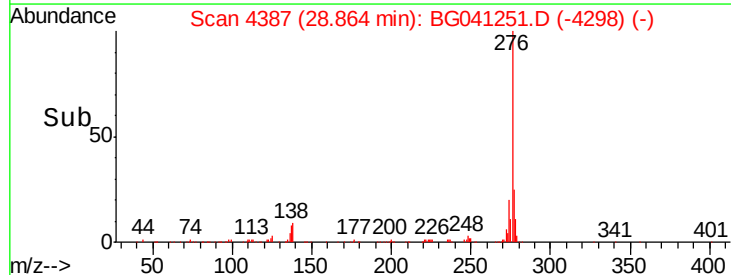
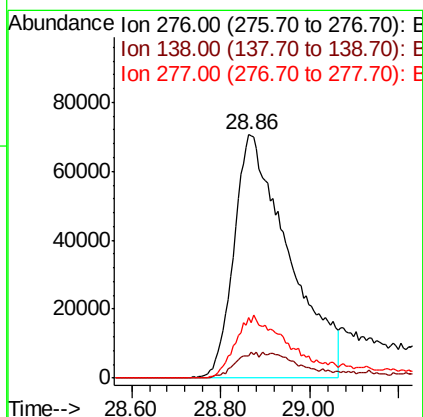
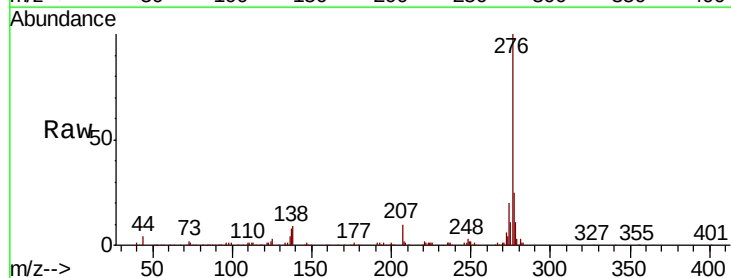
Instrument :
BNA_G
ClientSampleId :

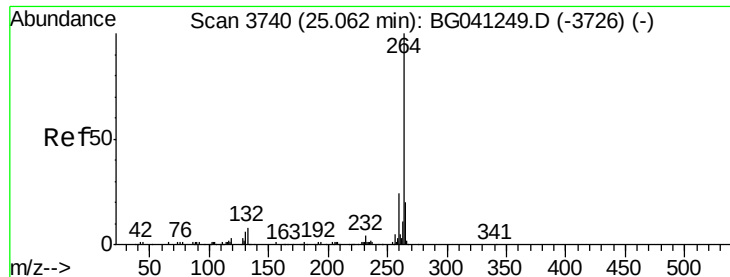
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	9.9	8.2	12.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 30.284 ng
RT: 28.86 min Scan# 4387
Delta R.T. -0.01 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	4.6	3.0	4.6#
277	23.5	6.8	10.2#

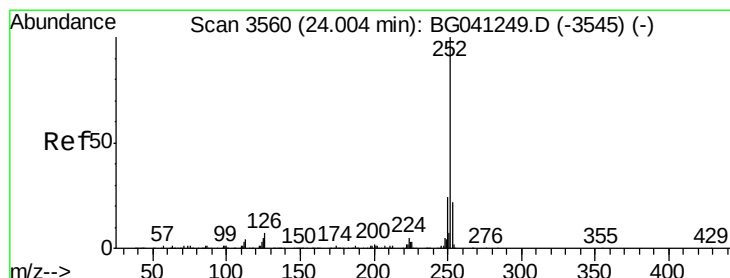
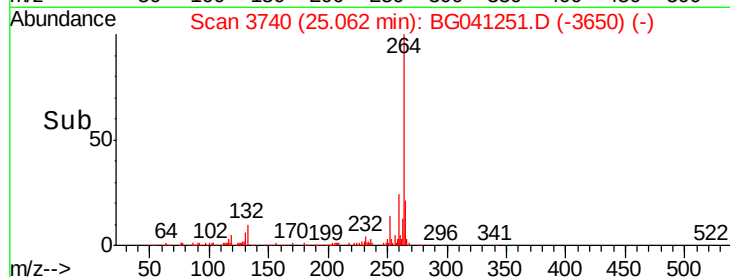
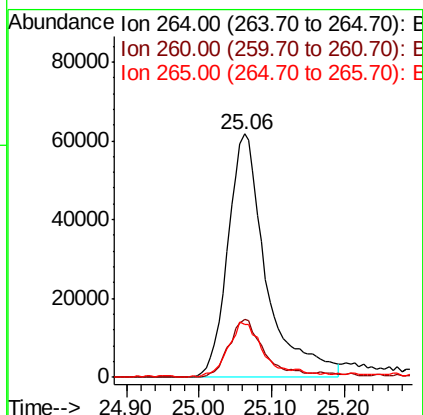
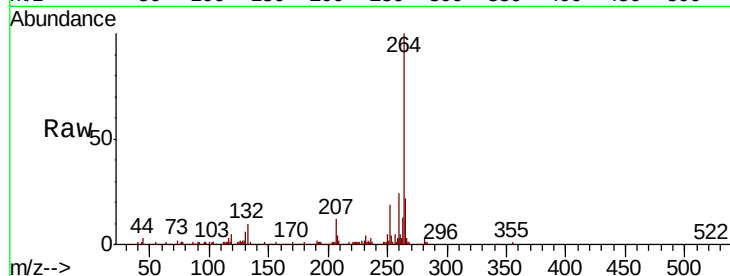




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3740
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

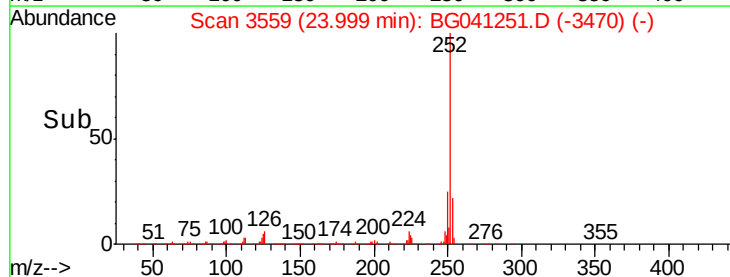
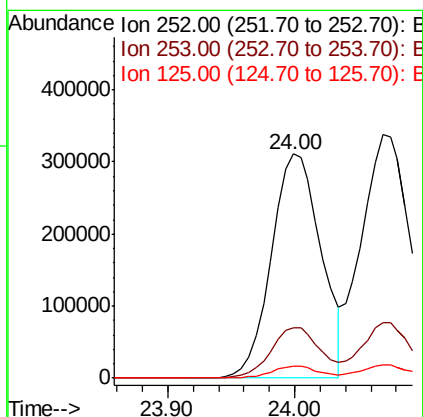
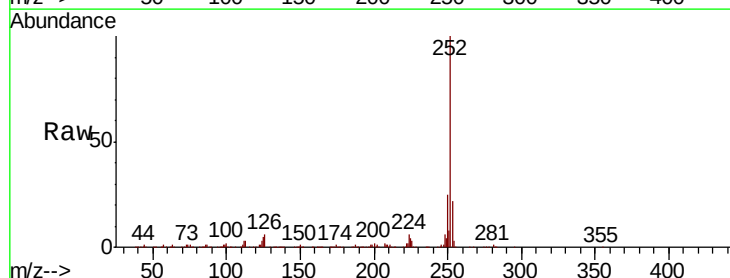
Instrument :
BNA_G
ClientSampleId :

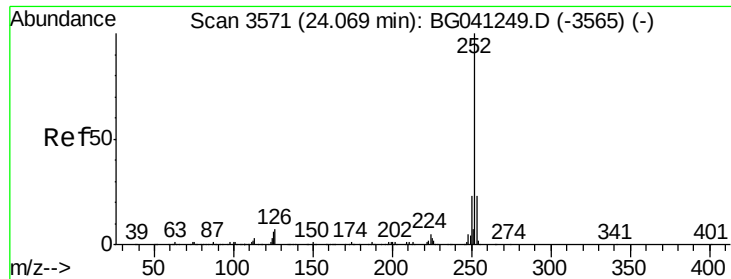
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.9	16.5	24.7



#88
Benzo(b)fluoranthene
Concen: 61.420 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	5.2	4.1	6.1

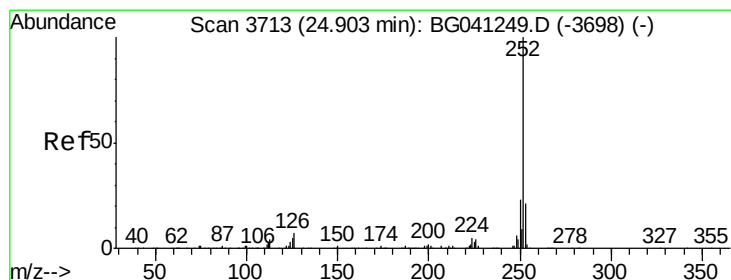
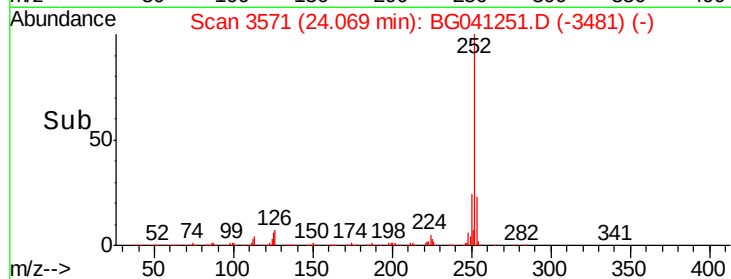
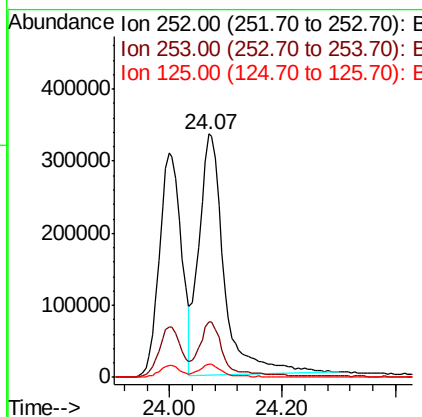
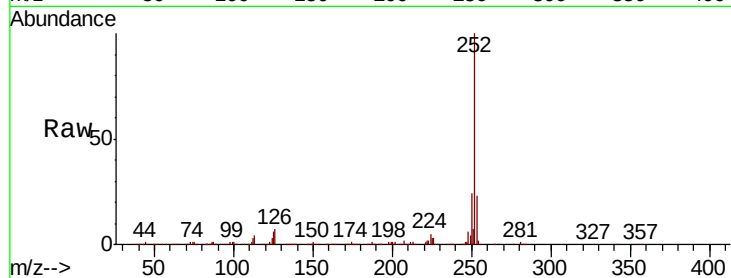




#89
Benzo(k)fluoranthene
Concen: 76.006 ng
RT: 24.07 min Scan# 3571
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

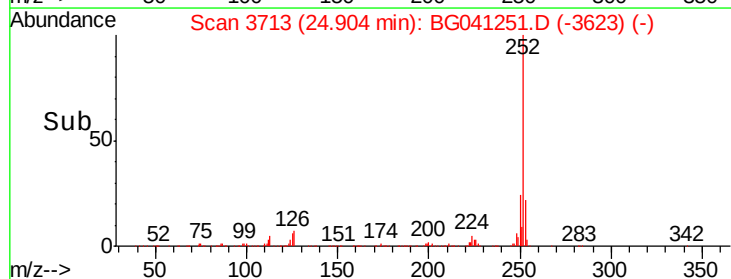
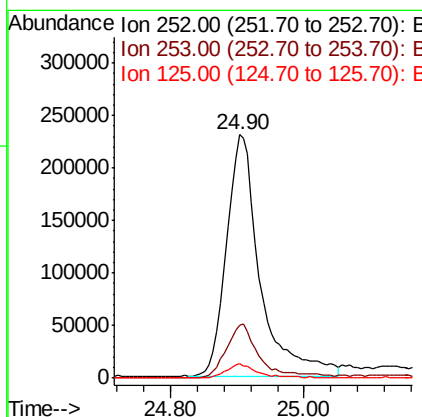
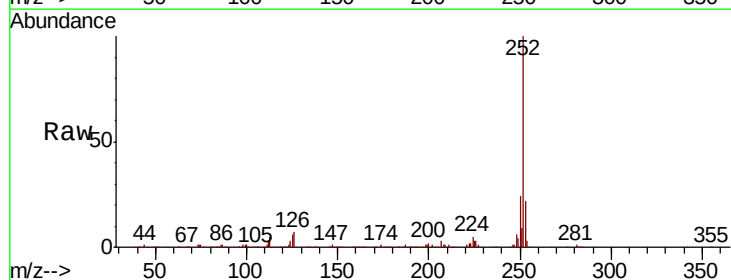
Instrument :
BNA_G
ClientSampleId :

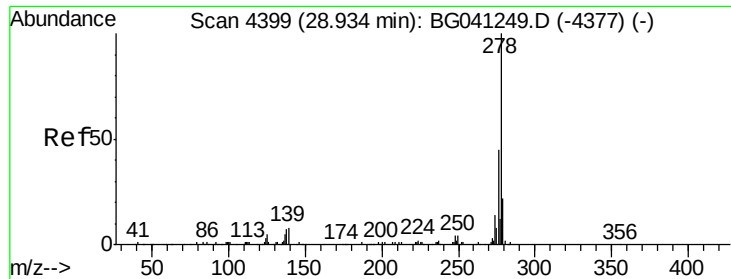
Tot Ion:252 Resp: 1035370
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 5.6 4.2 6.2



#90
Benzo(a)pyrene
Concen: 62.160 ng
RT: 24.90 min Scan# 3713
Delta R.T. 0.00 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Tgt Ion:252 Resp: 816378
Ion Ratio Lower Upper
252 100
253 21.6 16.7 25.1
125 6.0 4.2 6.2



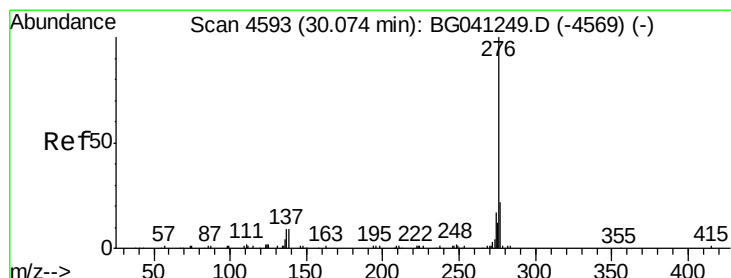
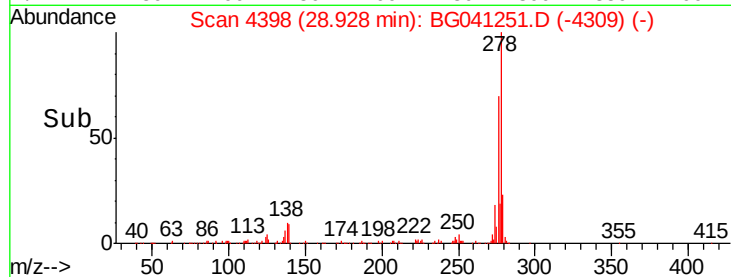
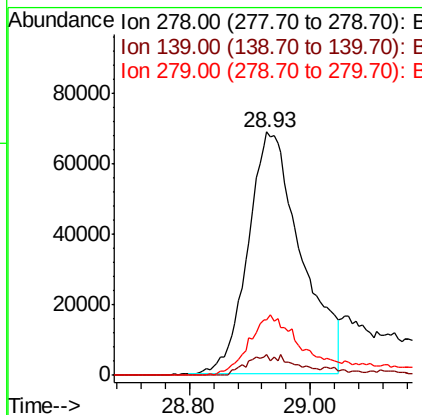
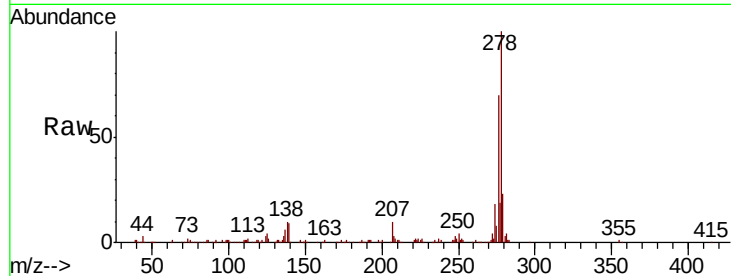


#91
Dibenzo(a,h)anthracene
Concen: 32.121 ng
RT: 28.93 min Scan# 4398
Delta R.T. -0.01 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 421534

Ion	Ratio	Lower	Upper
278	100		
139	8.5	6.2	9.2
279	22.5	17.6	26.4



#92
Benzo(g,h,i)perylene
Concen: 29.620 ng
RT: 30.06 min Scan# 4591
Delta R.T. -0.01 min
Lab File: BG041251.D
Acq: 14 Jun 2019 13:03

Tgt Ion:276 Resp: 377638

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.0	27.0
138	9.8	8.4	12.6

