

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061419\
 Data File : BG041246.D
 Acq On : 14 Jun 2019 9:44
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 14 13:19:03 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	55446	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	235628	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	165535	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	394847	20.00	ng	0.00
76) Chrysene-d12	21.75	240	379245	20.00	ng	0.00
87) Perylene-d12	25.07	264	351495	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	238716	77.64	ng	0.00
7) Phenol-d6	7.24	99	369487	77.81	ng	0.00
23) Nitrobenzene-d5	9.28	82	440178	82.93	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	183928	74.84	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	973107	84.66	ng	0.00
79) Terphenyl-d14	20.07	244	1548677	86.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	46248	33.146	ng	93
3) Pyridine	3.90	79	142921	34.617	ng	94
4) n-Nitrosodimethylamine	3.82	42	80574	42.050	ng	# 93
6) Aniline	7.42	93	244359	38.551	ng	97
8) 2-Chlorophenol	7.66	128	147092	40.126	ng	97
9) Benzaldehyde	7.23	77	118979	42.001	ng	92
10) Phenol	7.27	94	196771	38.646	ng	97
11) bis(2-Chloroethyl)ether	7.52	93	145223	39.316	ng	98
12) 1,3-Dichlorobenzene	7.98	146	178654	40.805	ng	95
13) 1,4-Dichlorobenzene	8.13	146	180309	40.685	ng	98
14) 1,2-Dichlorobenzene	8.45	146	174595	40.575	ng	98
15) Benzyl Alcohol	8.34	79	172151	39.189	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	231719	38.391	ng	99
17) 2-Methylphenol	8.53	107	142582	38.676	ng	99
18) Hexachloroethane	9.17	117	72702	42.563	ng	96
19) n-Nitroso-di-n-propylamine	8.90	70	138915	38.013	ng	97
20) 3+4-Methylphenols	8.87	107	196381	38.456	ng	99
22) Acetophenone	8.93	105	263785	39.908	ng	# 97
24) Nitrobenzene	9.32	77	222598	41.153	ng	94
25) Isophorone	9.84	82	393566	38.963	ng	98
26) 2-Nitrophenol	10.02	139	95350	42.760	ng	99
27) 2,4-Dimethylphenol	10.07	122	142433	38.676	ng	99
28) bis(2-Chloroethoxy)methane	10.31	93	220010	40.356	ng	# 95
29) 2,4-Dichlorophenol	10.56	162	182141	38.947	ng	95
30) 1,2,4-Trichlorobenzene	10.77	180	225468	42.380	ng	100
31) Naphthalene	10.97	128	503897	39.830	ng	98
32) Benzoic acid	10.20	122	49918	18.990	ng	87
33) 4-Chloroaniline	11.08	127	225850	38.476	ng	98
34) Hexachlorobutadiene	11.22	225	173640	42.656	ng	99
35) Caprolactam	11.89	113	53355	34.549	ng	94
36) 4-Chloro-3-methylphenol	12.19	107	198038	37.079	ng	96
37) 2-Methylnaphthalene	12.56	142	381729	39.177	ng	99
38) 1-Methylnaphthalene	12.78	142	357042	38.886	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	284478	42.638	ng	100

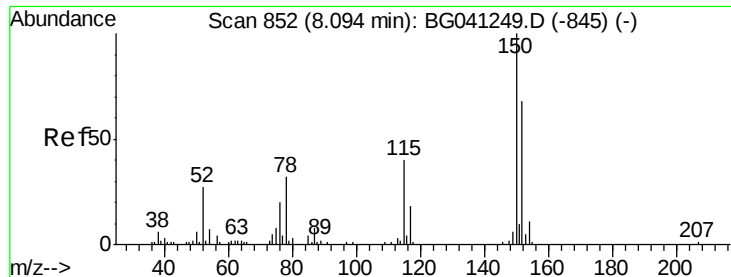
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061419\
 Data File : BG041246.D
 Acq On : 14 Jun 2019 9:44
 Operator : HP/JU
 Sample : SSTDC0040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 14 13:13:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	134655	45.044	ng	95
43) 2,4,6-Trichlorophenol	13.17	196	177046	41.019	ng	97
44) 2,4,5-Trichlorophenol	13.24	196	177009	38.886	ng	100
46) 1,1'-Biphenyl	13.56	154	507812	41.443	ng	100
47) 2-Chloronaphthalene	13.61	162	444960	42.300	ng	97
48) 2-Nitroaniline	13.83	65	155555	41.220	ng	91
49) Acenaphthylene	14.45	152	638545	40.332	ng	99
50) Dimethylphthalate	14.18	163	554318	39.559	ng	98
51) 2,6-Dinitrotoluene	14.31	165	118899	39.354	ng	98
52) Acenaphthene	14.79	154	381028	39.728	ng	100
53) 3-Nitroaniline	14.65	138	117290	38.823	ng	96
54) 2,4-Dinitrophenol	14.85	184	24459	20.884	ng	91
55) Dibenzofuran	15.12	168	647963	40.151	ng	99
56) 4-Nitrophenol	14.94	139	68553	33.082	ng	96
57) 2,4-Dinitrotoluene	15.09	165	167940	39.351	ng	# 99
58) Fluorene	15.77	166	499540	38.868	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	171453	38.327	ng	98
60) Diethylphthalate	15.53	149	557074	38.956	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	333741	39.951	ng	97
62) 4-Nitroaniline	15.81	138	122321	38.244	ng	97
63) Azobenzene	16.05	77	501124	38.556	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	62045	32.750	ng	93
66) n-Nitrosodiphenylamine	15.98	169	444877	40.080	ng	97
67) 4-Bromophenyl-phenylether	16.65	248	208744	39.174	ng	98
68) Hexachlorobenzene	16.77	284	226664	39.947	ng	98
69) Atrazine	16.92	200	164062	38.307	ng	98
70) Pentachlorophenol	17.12	266	95911	34.880	ng	99
71) Phenanthrene	17.52	178	827179	40.219	ng	99
72) Anthracene	17.61	178	829690	40.903	ng	99
73) Carbazole	17.88	167	712811	40.954	ng	99
74) Di-n-butylphthalate	18.41	149	880770	40.715	ng	99
75) Fluoranthene	19.52	202	1049529	41.314	ng	97
77) Benzidine	19.70	184	270041	29.849	ng	98
78) Pyrene	19.88	202	1058014	42.915	ng	98
80) Butylbenzylphthalate	20.75	149	418954	43.668	ng	99
81) Benzo(a)anthracene	21.73	228	1034735	40.988	ng	100
82) 3,3'-Dichlorobenzidine	21.65	252	347465	39.132	ng	100
83) Chrysene	21.80	228	1017555	42.120	ng	97
84) Bis(2-ethylhexyl)phthalate	21.60	149	574441	42.533	ng	# 99
85) Di-n-octyl phthalate	22.83	149	967156	42.998	ng	100
86) Indeno(1,2,3-cd)pyrene	28.90	276	629301	21.265	ng	# 64
88) Benzo(b)fluoranthene	24.01	252	895142	41.987	ng	99
89) Benzo(k)fluoranthene	24.08	252	1040043	49.298	ng	100
90) Benzo(a)pyrene	24.92	252	874452	42.991	ng	98
91) Dibenzo(a,h)anthracene	28.95	278	493195	24.266	ng	98
92) Benzo(g,h,i)perylene	30.09	276	456199	23.104	ng	96

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

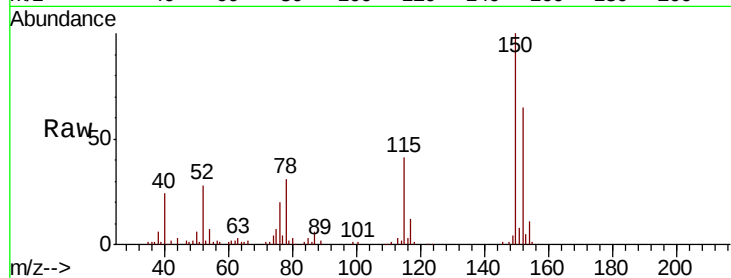


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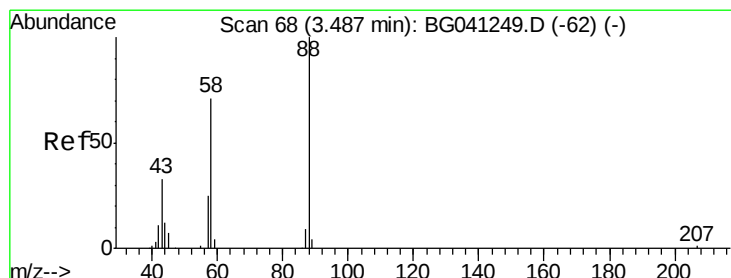
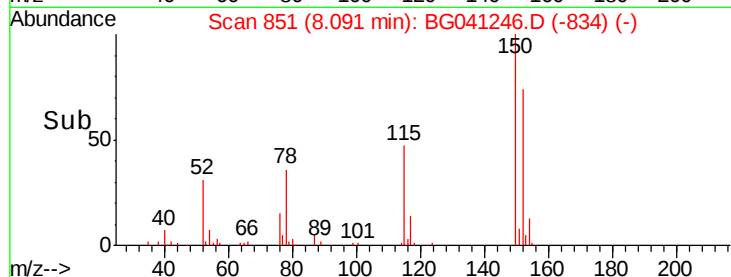
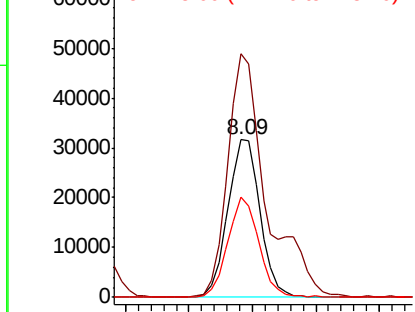
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 55446
Ion Ratio Lower Upper
152 100
150 154.6 118.6 177.8
115 63.5 47.7 71.5



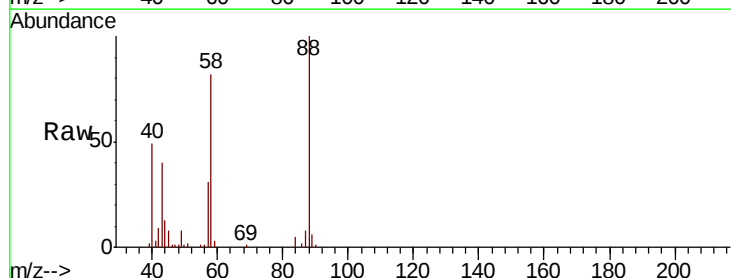
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



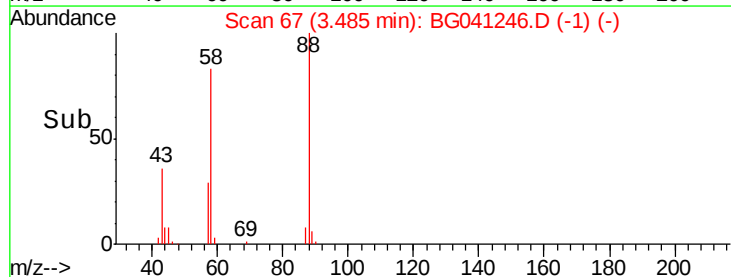
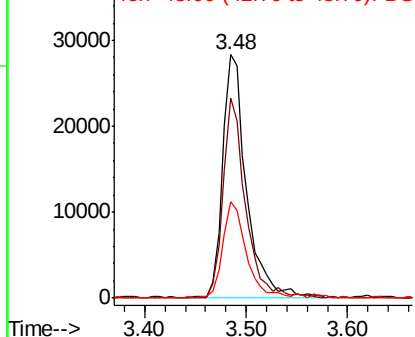
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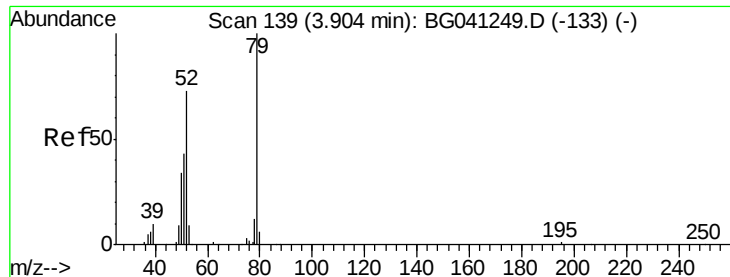
1,4-Dioxane
Concen: 33.146 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion: 88 Resp: 46248
Ion Ratio Lower Upper
88 100
58 77.2 57.5 86.3
43 39.2 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: 34.617 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampleId :

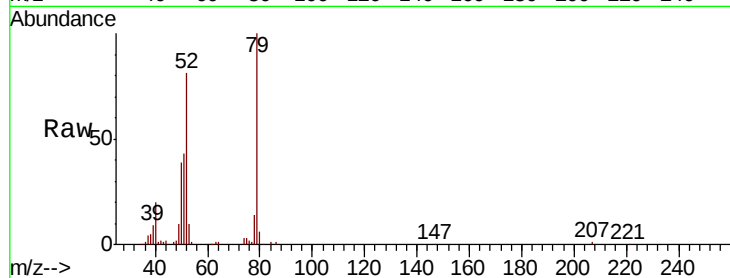
Tot Ion: 79 Resp: 142921

Ion Ratio Lower Upper

79 100

52 80.7 58.2 87.4

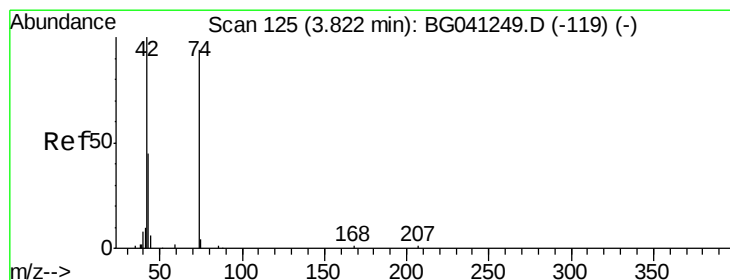
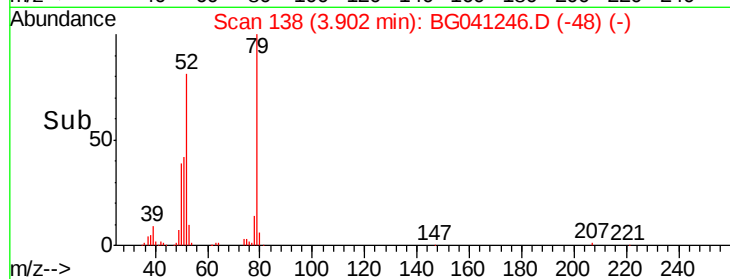
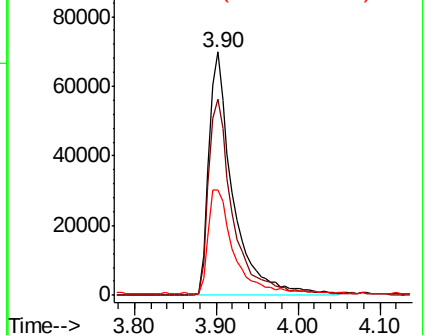
51 43.4 35.6 53.4



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.050 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

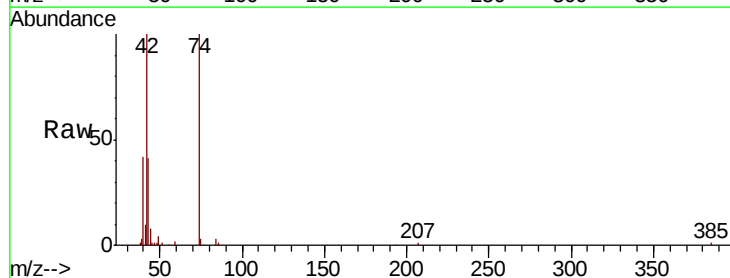
Tgt Ion: 42 Resp: 80574

Ion Ratio Lower Upper

42 100

74 100.2 75.2 112.8

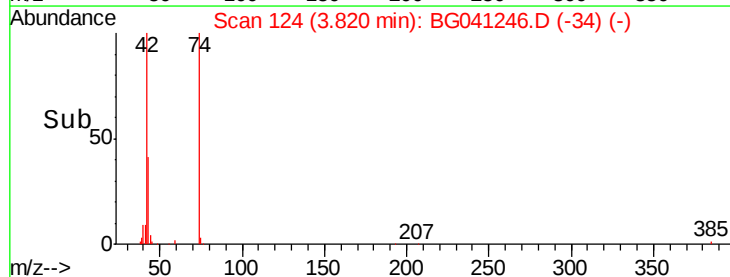
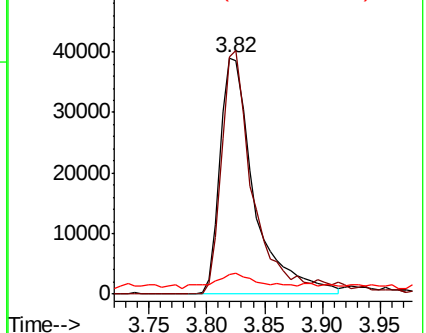
44 8.1 9.4 14.2#

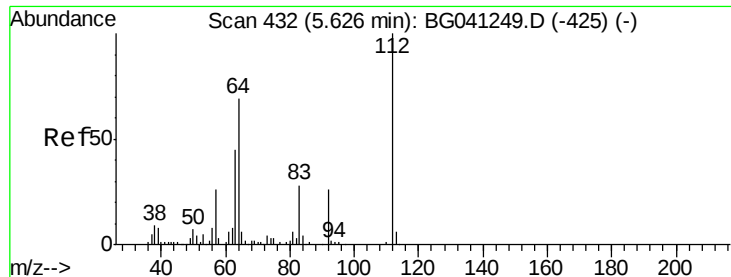


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 77.635 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampled :

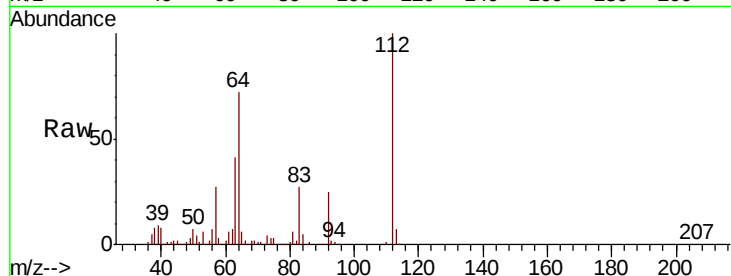
Tot Ion:112 Resp: 238716

Ion Ratio Lower Upper

112 100

64 71.6 55.2 82.8

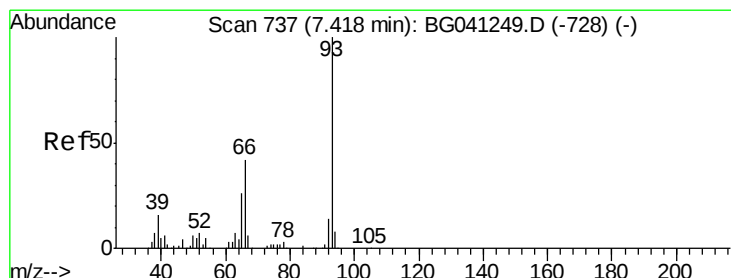
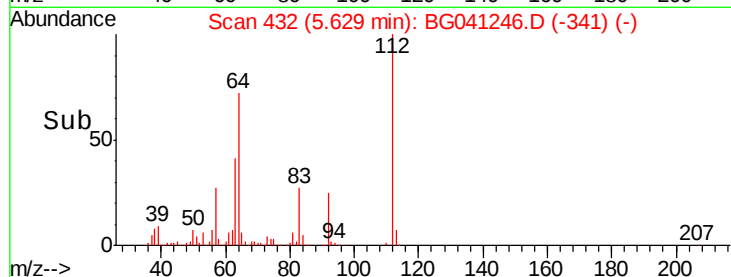
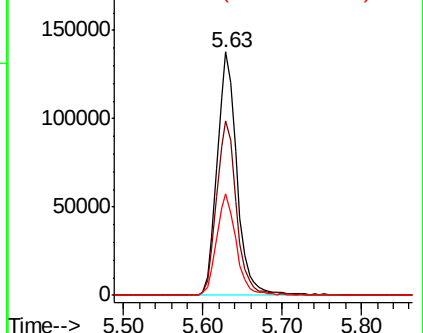
63 41.5 35.8 53.8



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: 38.551 ng

RT: 7.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

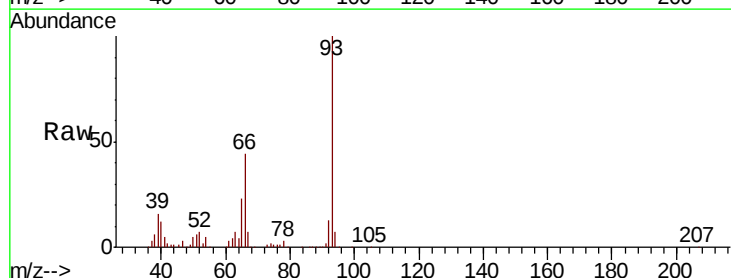
Tgt Ion: 93 Resp: 244359

Ion Ratio Lower Upper

93 100

66 43.7 33.8 50.8

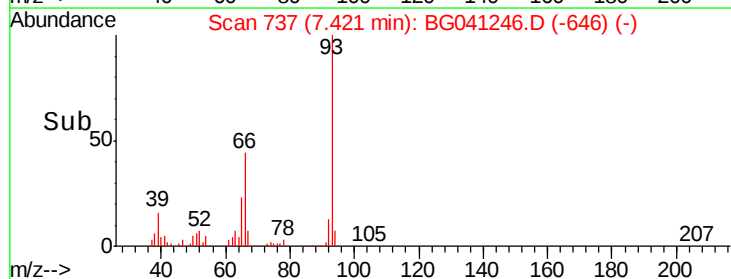
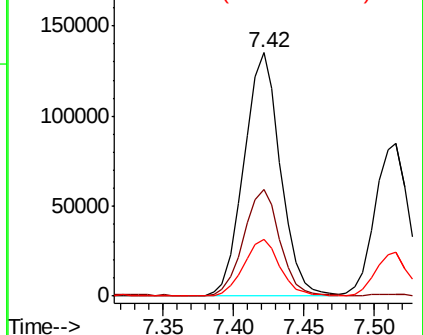
65 23.2 20.7 31.1

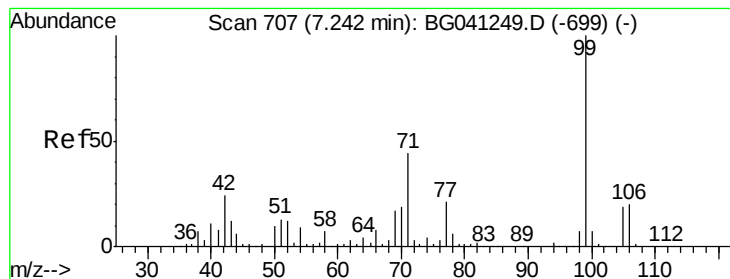


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 77.807 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampleId :

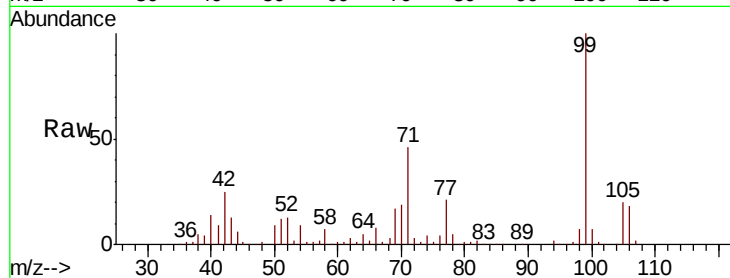
Tot Ion: 99 Resp: 369487

Ion Ratio Lower Upper

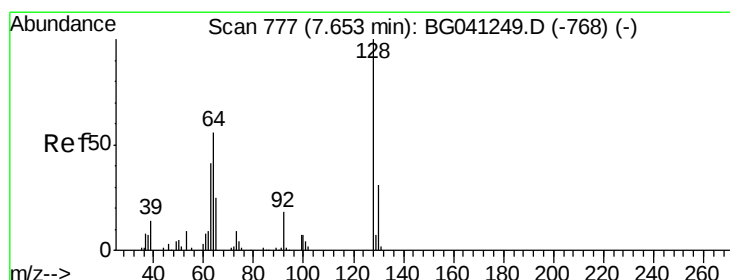
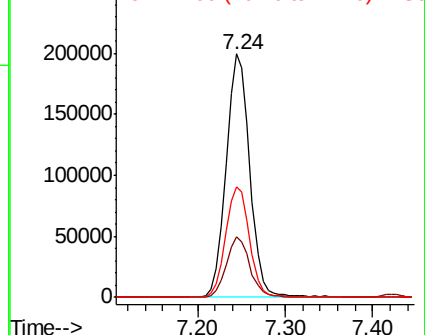
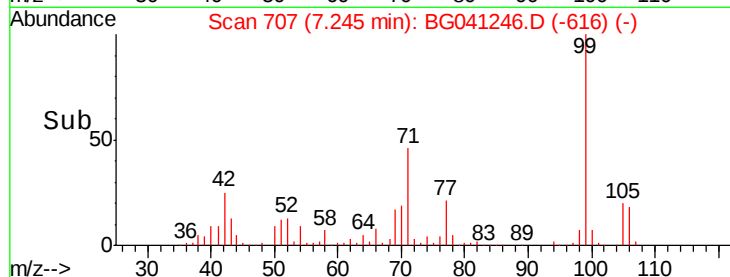
99 100

42 24.9 19.2 28.8

71 45.6 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: 40.126 ng

RT: 7.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

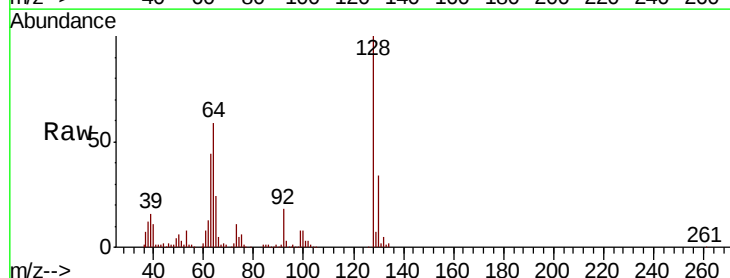
Tgt Ion: 128 Resp: 147092

Ion Ratio Lower Upper

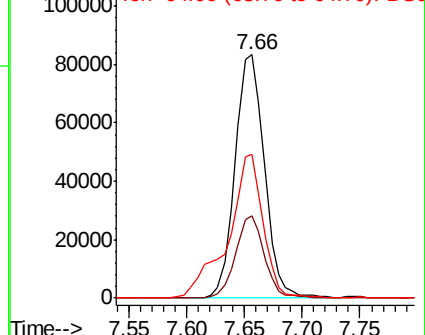
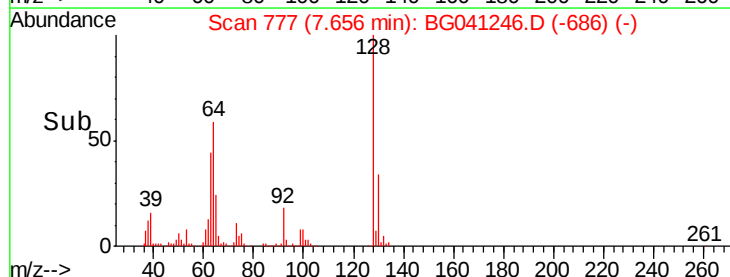
128 100

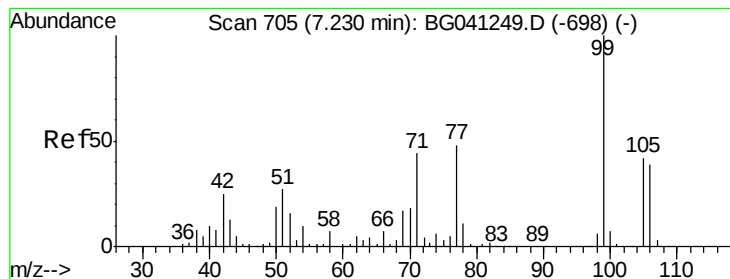
130 33.9 11.4 51.4

64 58.8 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: 42.001 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampled :

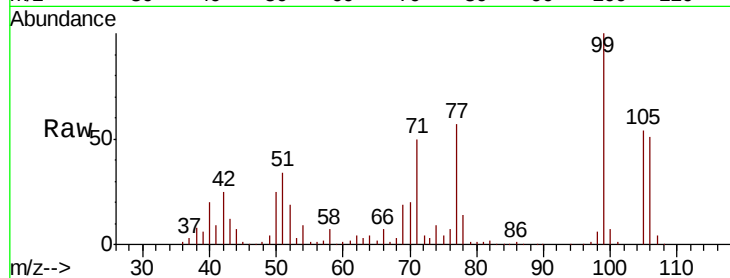
Tot Ion: 77 Resp: 118979

Ion Ratio Lower Upper

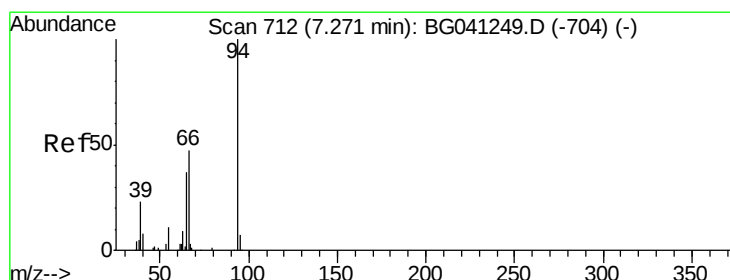
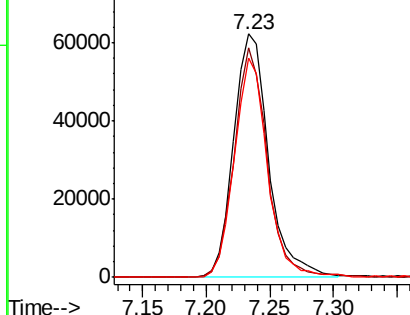
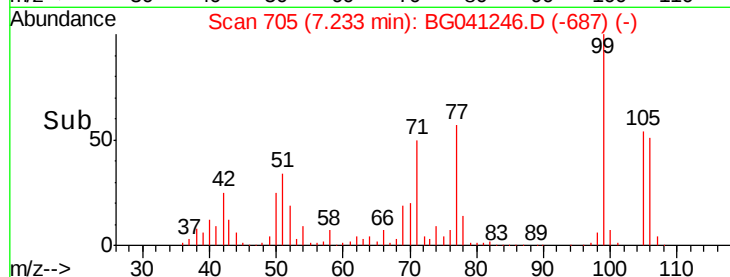
77 100

105 94.4 67.0 107.0

106 90.2 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: 38.646 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

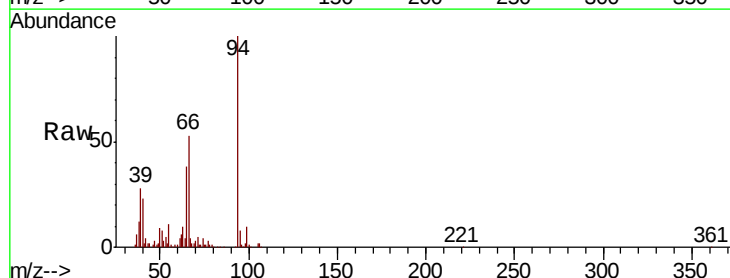
Tgt Ion: 94 Resp: 196771

Ion Ratio Lower Upper

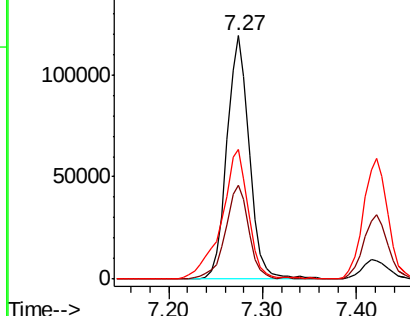
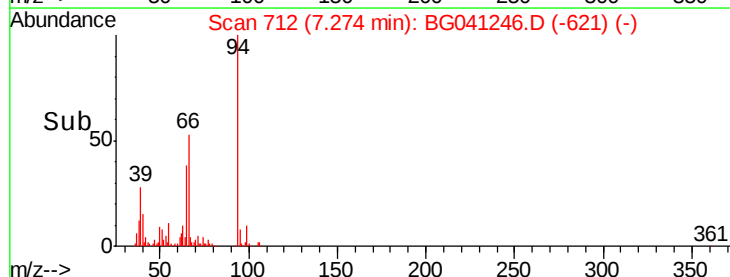
94 100

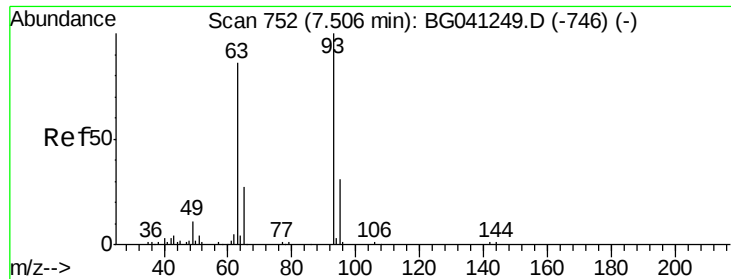
65 38.4 17.3 57.3

66 53.2 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

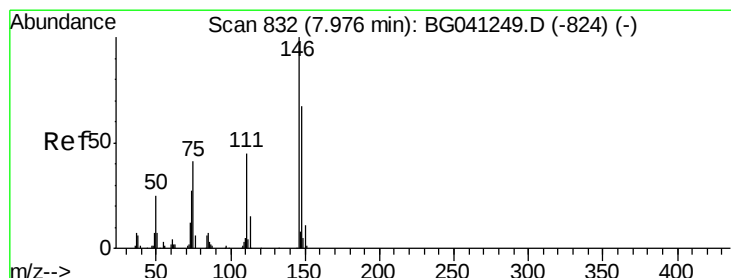
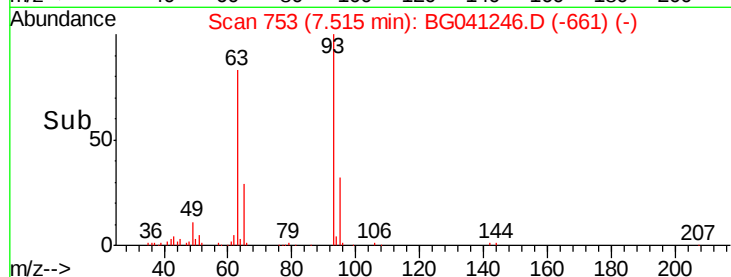
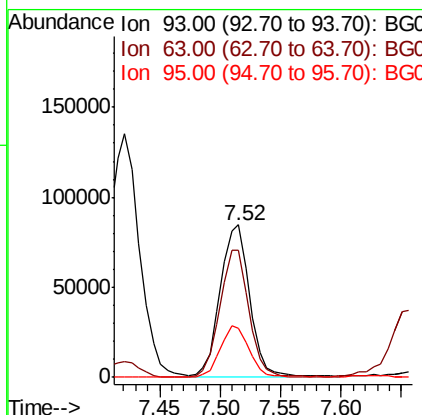
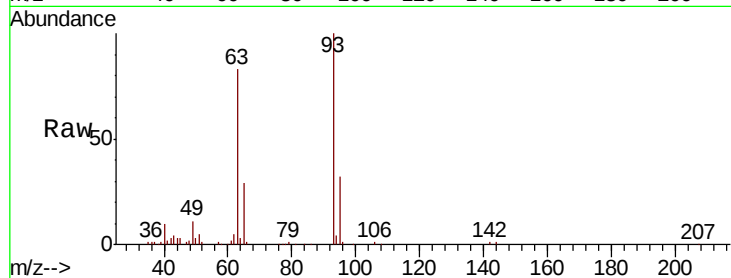




#11
 bis(2-Chloroethyl)ether
 Concen: 39.316 ng
 RT: 7.52 min Scan# 753
 Delta R.T. 0.01 min
 Lab File: BG041246.D
 Acq: 14 Jun 2019 9:44

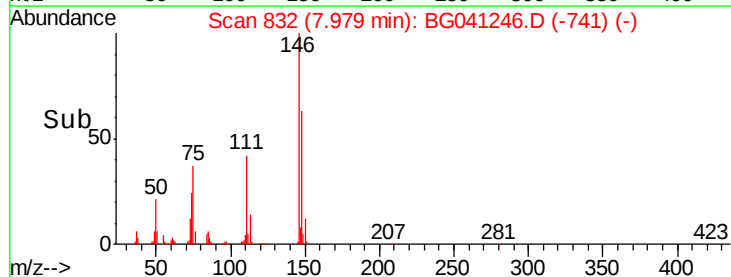
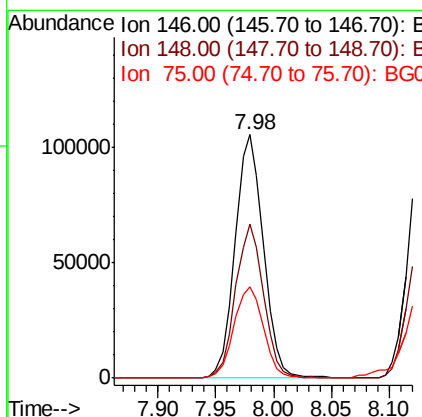
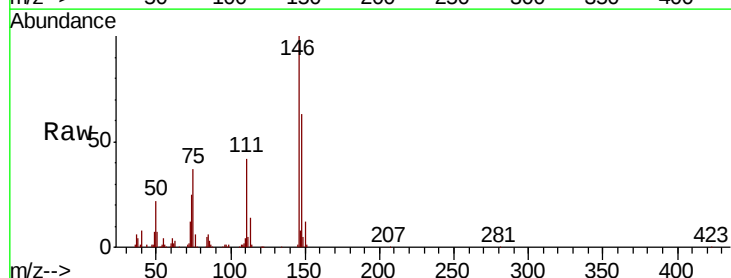
Instrument :
 BNA_G
 ClientSampleId :

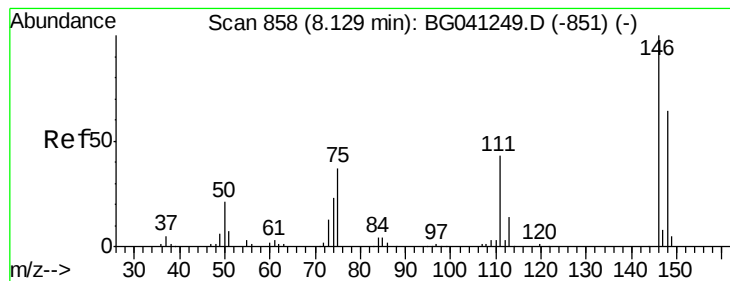
Tot Ion: 93 Resp: 145223
 Ion Ratio Lower Upper
 93 100
 63 83.3 64.4 104.4
 95 32.3 10.7 50.7



#12
 1,3-Dichlorobenzene
 Concen: 40.805 ng
 RT: 7.98 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BG041246.D
 Acq: 14 Jun 2019 9:44

Tgt Ion: 146 Resp: 178654
 Ion Ratio Lower Upper
 146 100
 148 63.2 53.2 79.8
 75 37.4 32.6 49.0





#13

1,4-Dichlorobenzene

Concen: 40.685 ng

RT: 8.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampled :

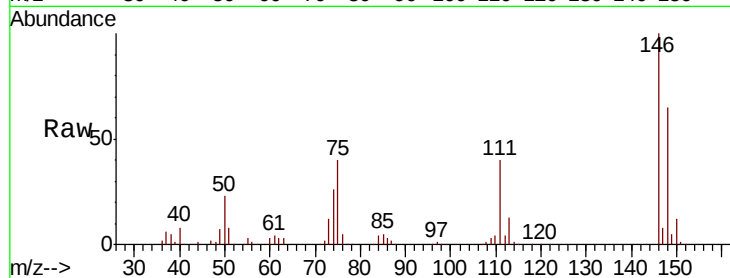
Tot Ion:146 Resp: 180309

Ion Ratio Lower Upper

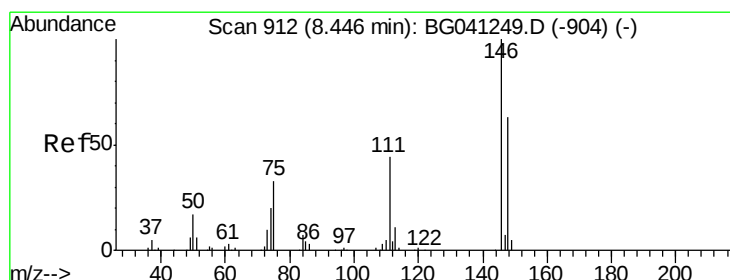
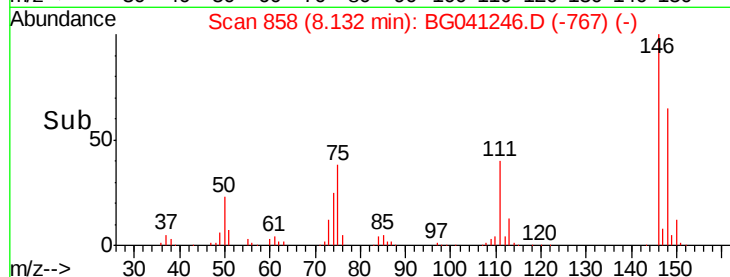
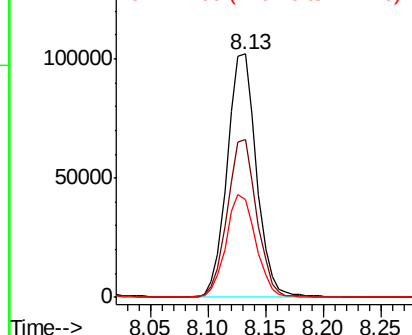
146 100

148 64.7 51.4 77.0

111 40.4 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: 40.575 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

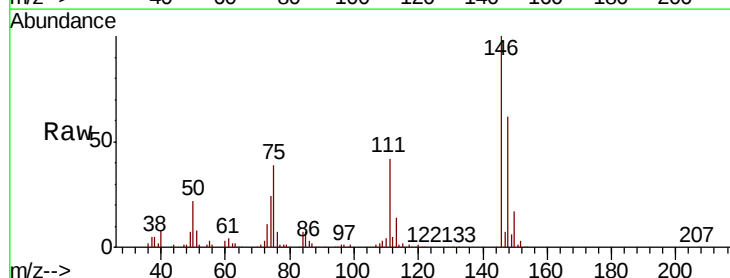
Tgt Ion:146 Resp: 174595

Ion Ratio Lower Upper

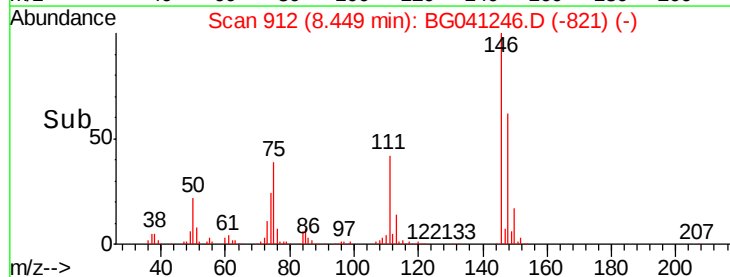
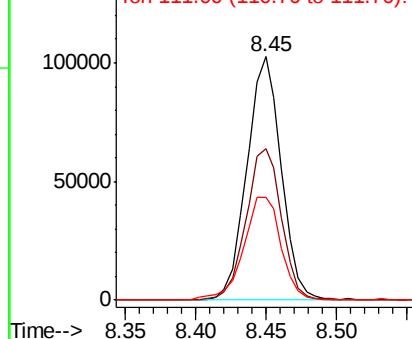
146 100

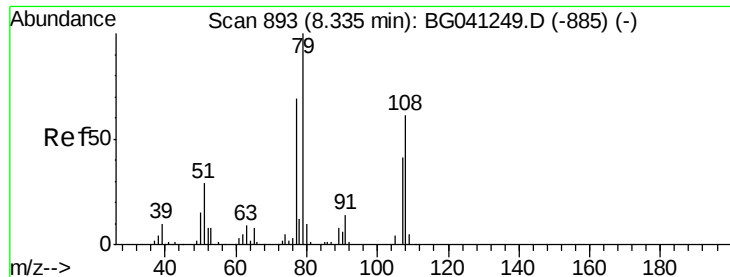
148 62.4 50.7 76.1

111 42.0 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: 39.189 ng

RT: 8.34 min Scan# 893

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampleId :

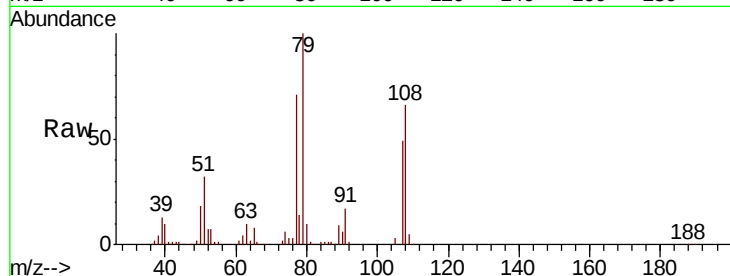
Tot Ion: 79 Resp: 172151

Ion Ratio Lower Upper

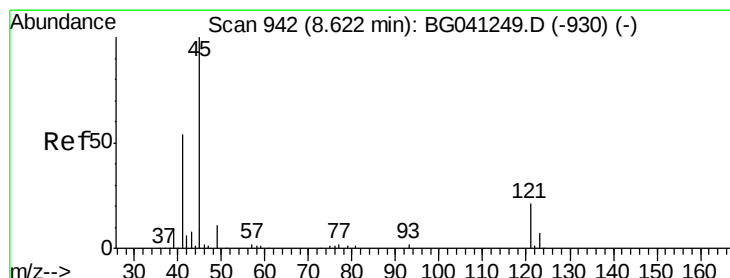
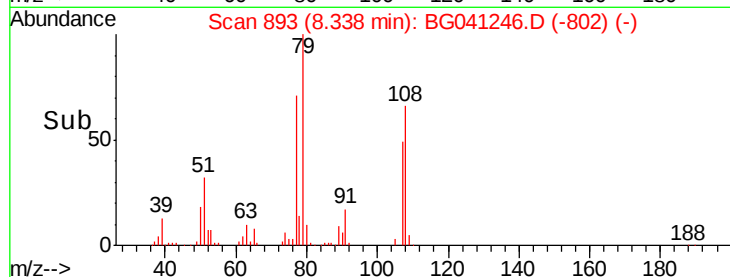
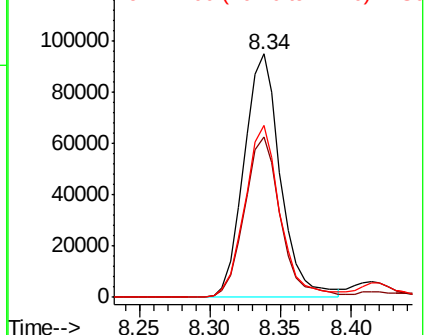
79 100

108 65.8 48.8 73.2

77 70.5 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: 38.391 ng

RT: 8.61 min Scan# 940

Delta R.T. -0.01 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

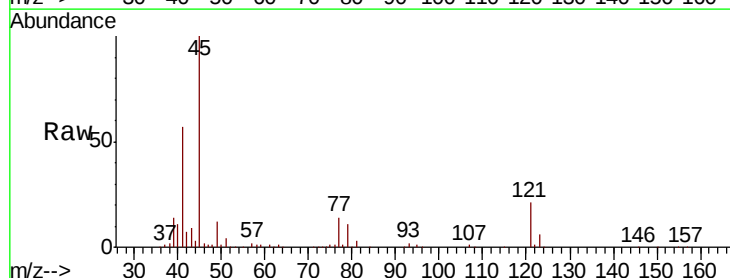
Tgt Ion: 45 Resp: 231719

Ion Ratio Lower Upper

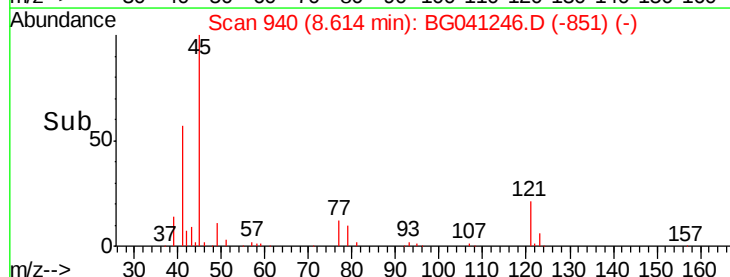
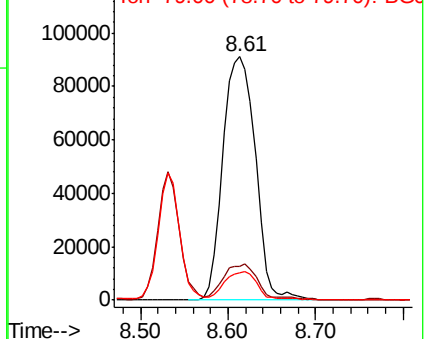
45 100

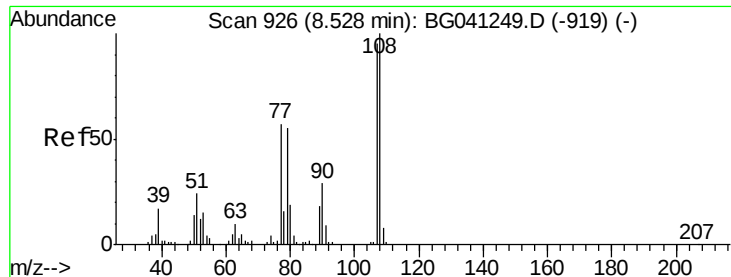
77 13.9 0.0 33.2

79 11.0 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

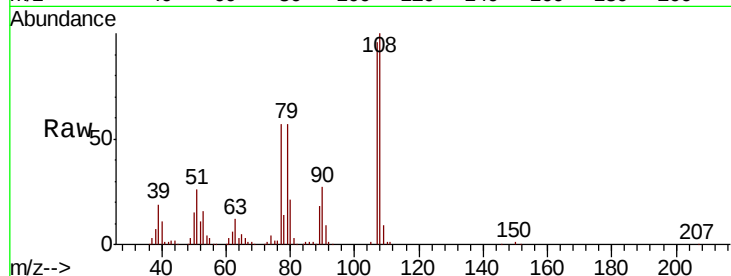




#17
2-Methylphenol
Concen: 38.676 ng
RT: 8.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	104.4	84.8	127.2
77	59.7	48.8	73.2
79	59.0	47.0	70.6



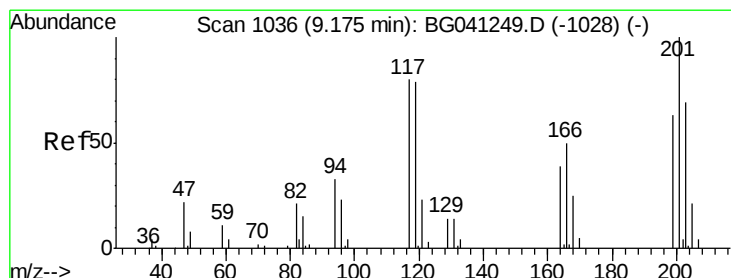
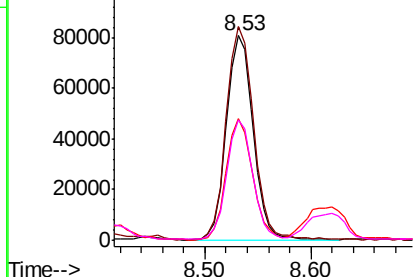
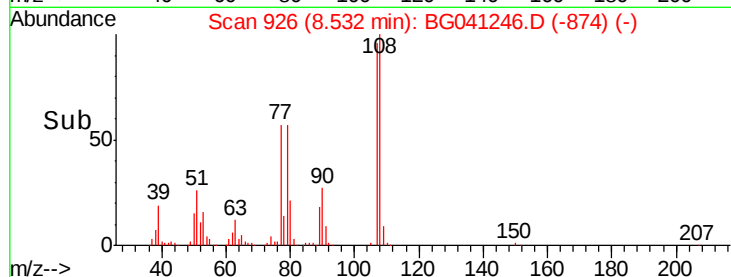
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

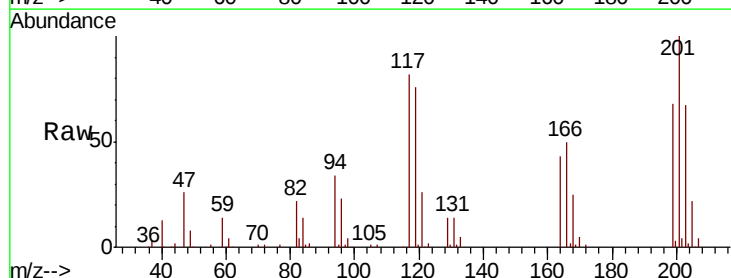
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.563 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	79.1	118.7
201	122.2	100.2	150.2

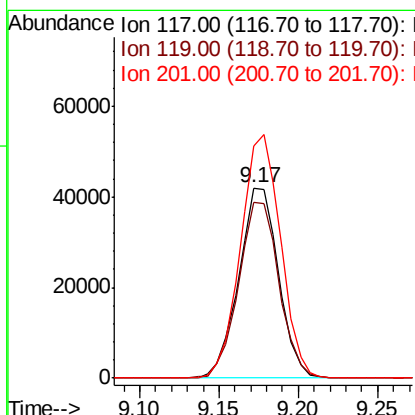
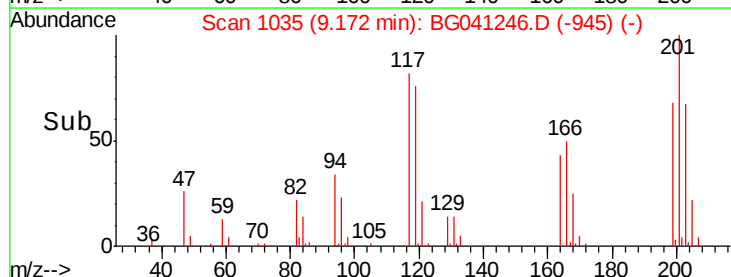


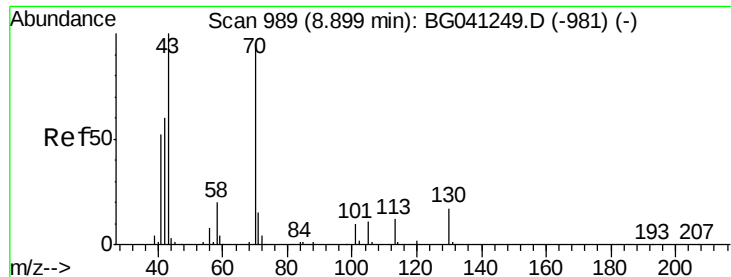
Abundance

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

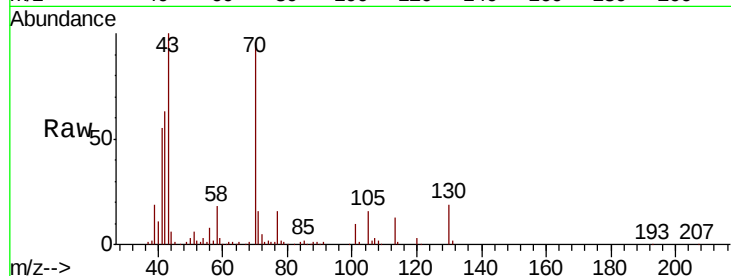




#19
n-Nitroso-di-n-propylamine
Concen: 38.013 ng
RT: 8.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	138915
Ion	Ratio	Lower	Upper
70	100		
42	66.1	50.7	76.1
101	10.5	8.3	12.5
130	19.6	14.1	21.1



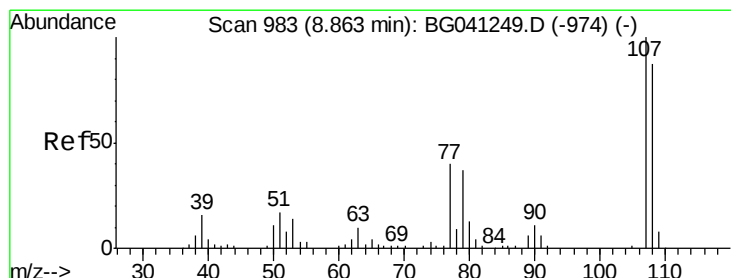
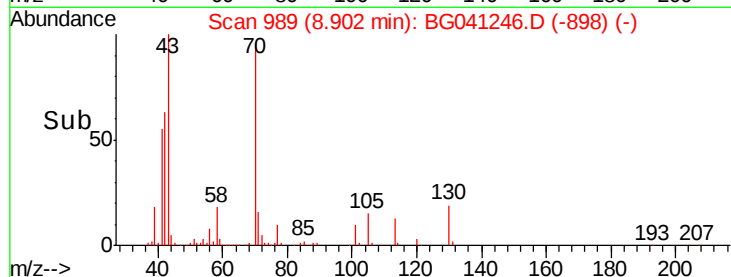
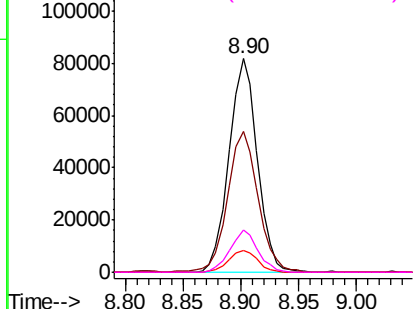
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

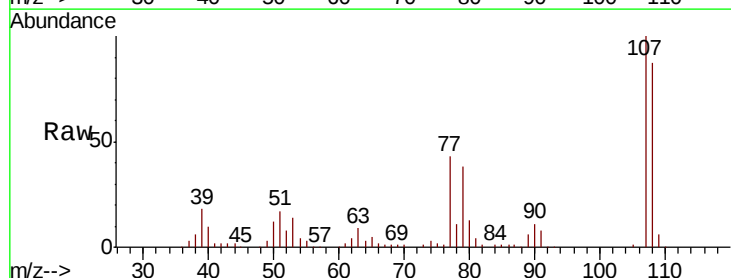
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 38.456 ng
RT: 8.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion:	107	Resp:	196381
Ion	Ratio	Lower	Upper
107	100		
108	87.3	67.2	107.2
77	43.2	20.4	60.4
79	37.7	17.3	57.3



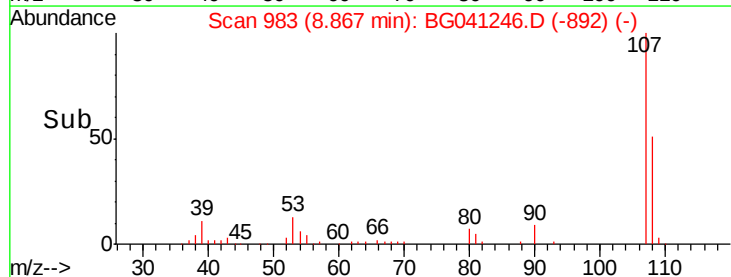
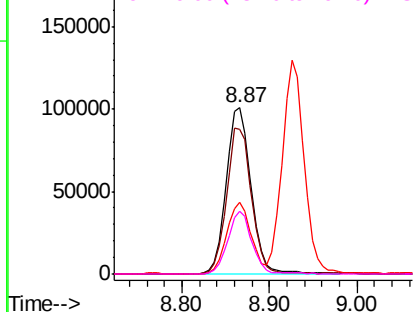
Abundance

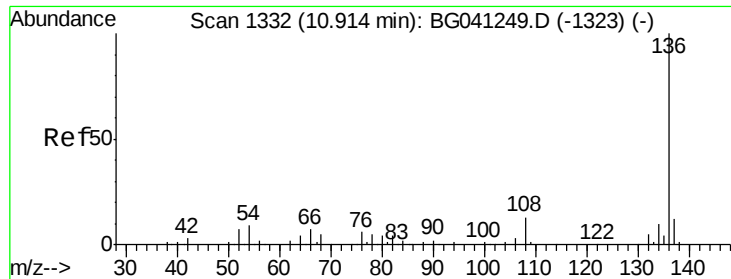
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

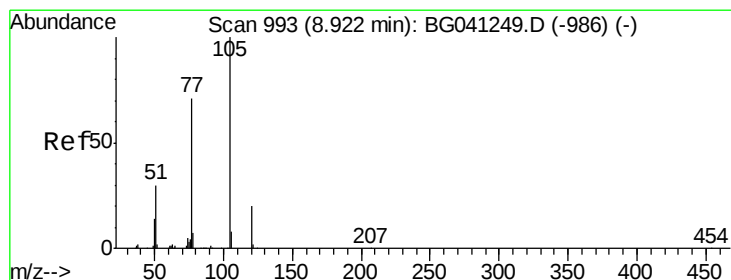
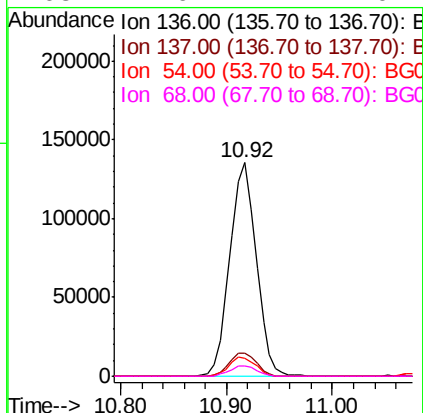
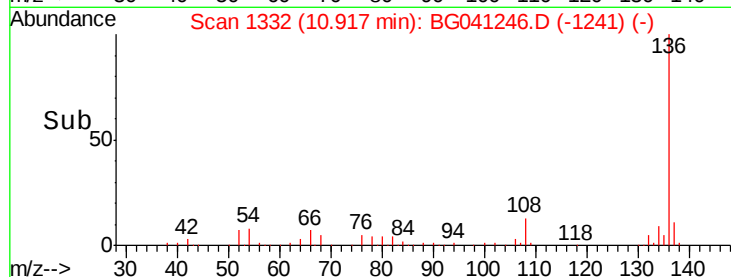
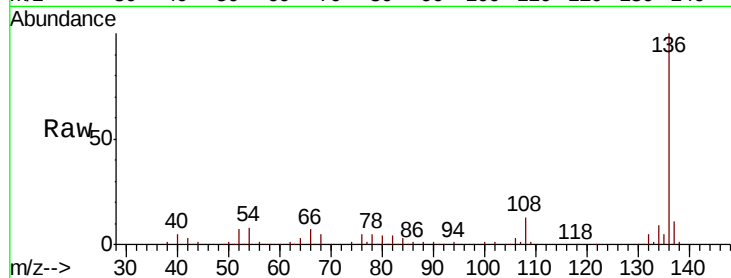




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

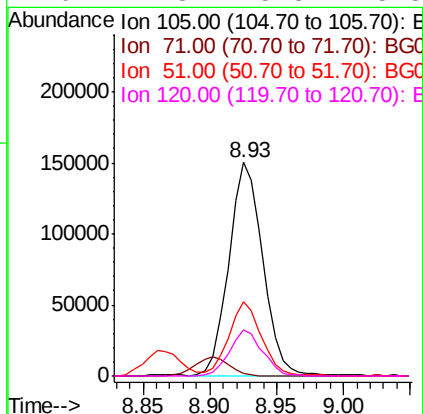
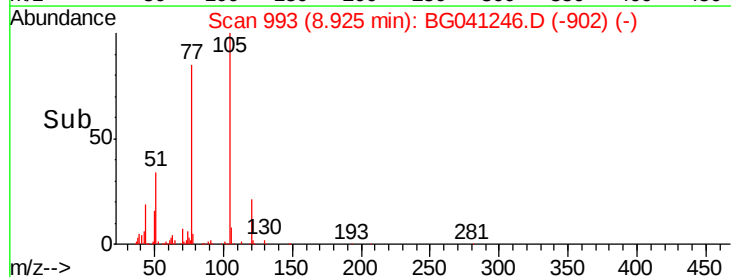
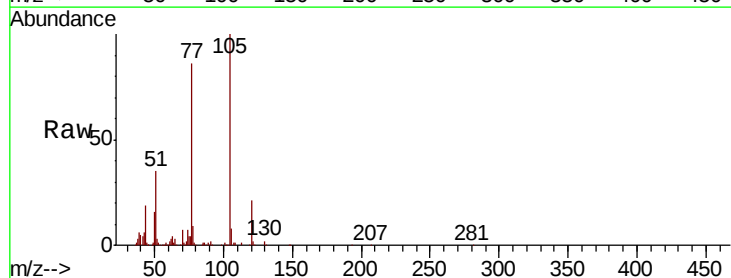
Instrument :
BNA_G
ClientSampleId :

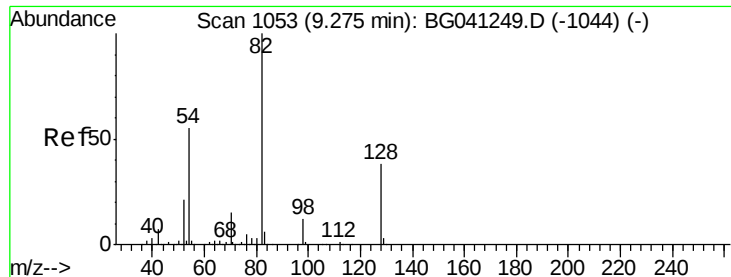
Tot Ion:136	Resp:	235628
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.7 14.5
54	8.2	7.4 11.2
68	4.6	4.2 6.4



#22
Acetophenone
Concen: 39.908 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion:105	Resp:	263785
Ion Ratio	Lower	Upper
105	100	
71	1.3	0.7 1.1#
51	34.8	26.6 40.0
120	21.3	15.8 23.8

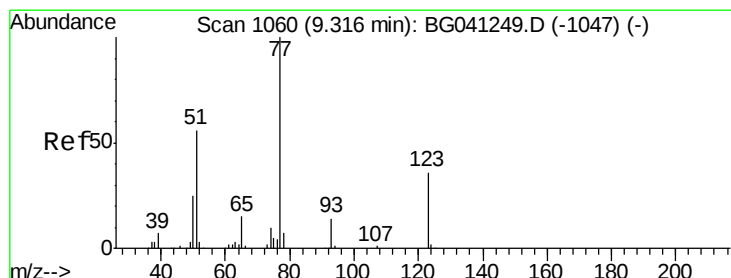
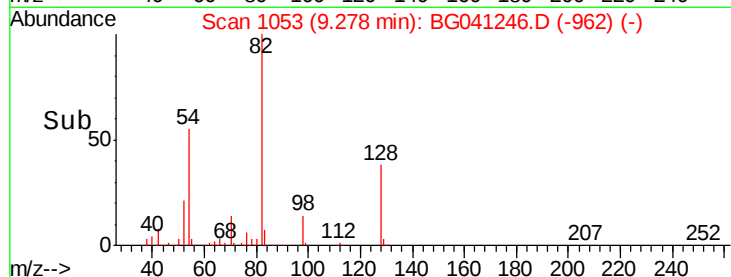
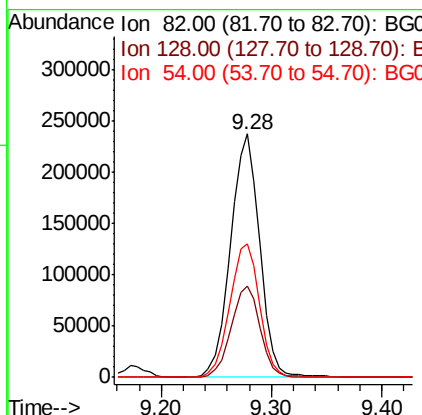
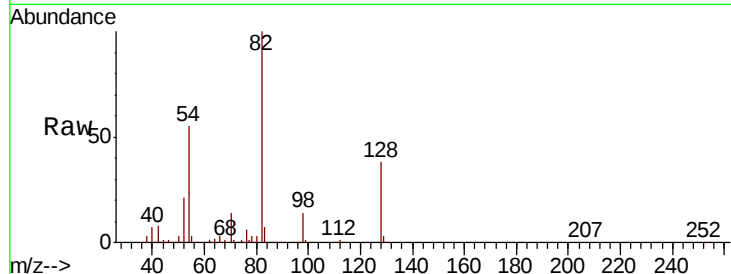




#23
 Nitrobenzene-d5
 Concen: 82.932 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BG041246.D
 Acq: 14 Jun 2019 9:44

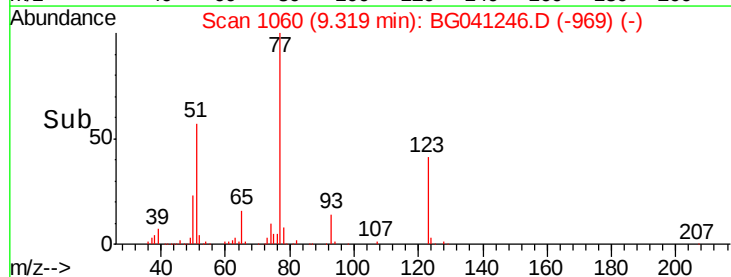
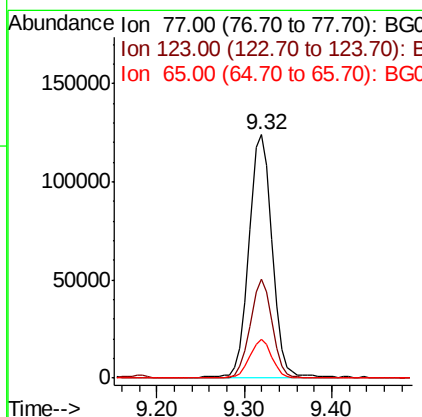
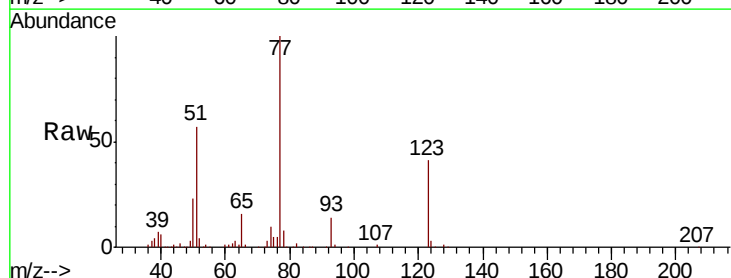
Instrument :
 BNA_G
 ClientSampleId :

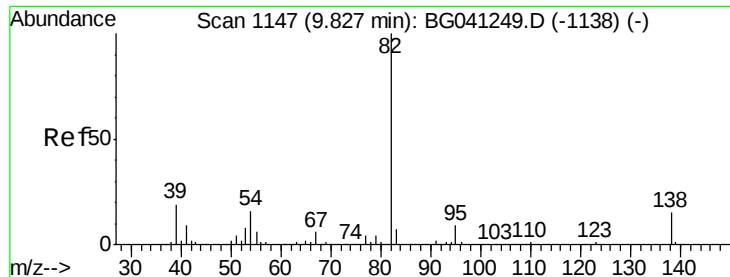
Tot Ion	82	Resp	440178
Ion Ratio	Lower	Upper	
82	100		
128	37.7	30.2	45.2
54	54.7	44.0	66.0



#24
 Nitrobenzene
 Concen: 41.153 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BG041246.D
 Acq: 14 Jun 2019 9:44

Tgt Ion	77	Resp	222598
Ion Ratio	Lower	Upper	
77	100		
123	40.8	28.8	43.2
65	15.8	11.8	17.8





#25

Isophorone

Concen: 38.963 ng

RT: 9.84 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampled :

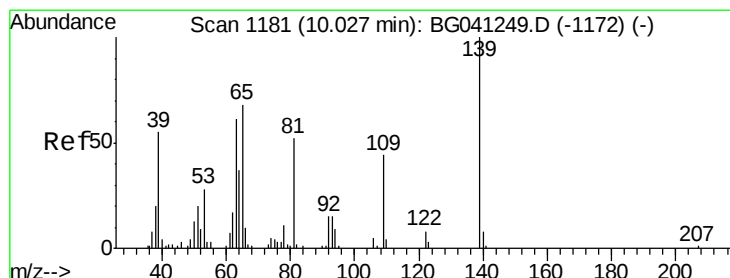
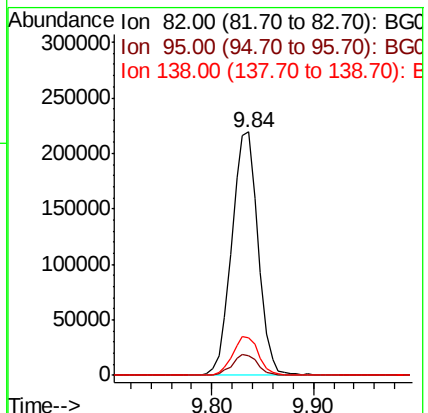
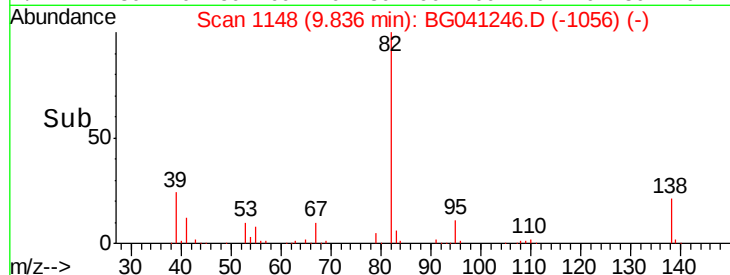
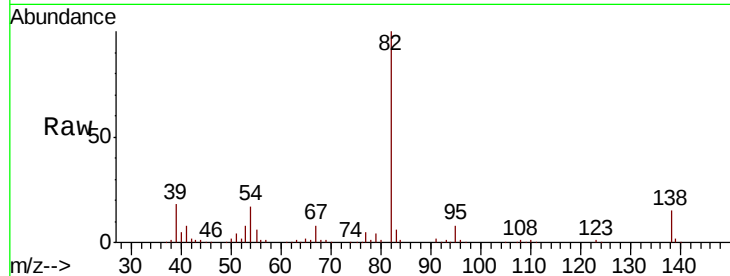
Tot Ion: 82 Resp: 393566

Ion Ratio Lower Upper

82 100

95 8.0 7.3 10.9

138 15.5 12.0 18.0



#26

2-Nitrophenol

Concen: 42.760 ng

RT: 10.02 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

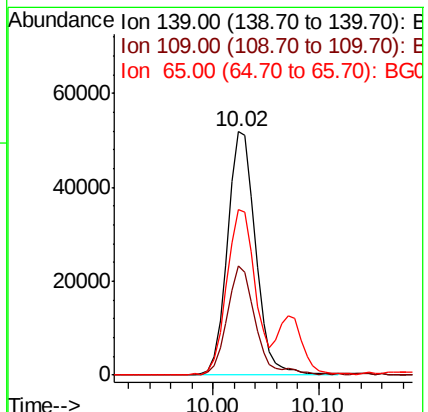
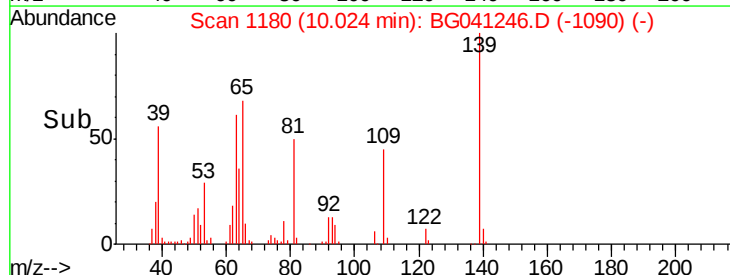
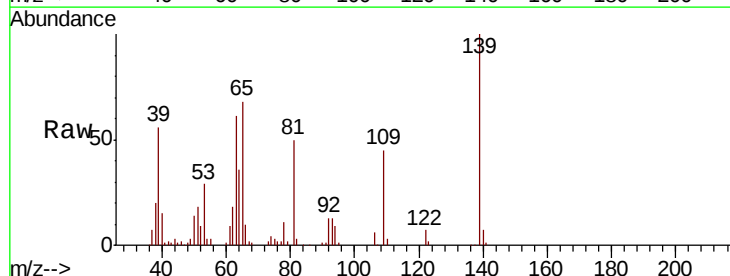
Tgt Ion: 139 Resp: 95350

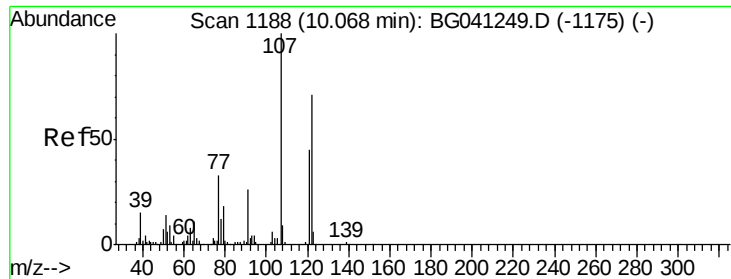
Ion Ratio Lower Upper

139 100

109 44.9 35.0 52.4

65 68.1 54.6 82.0

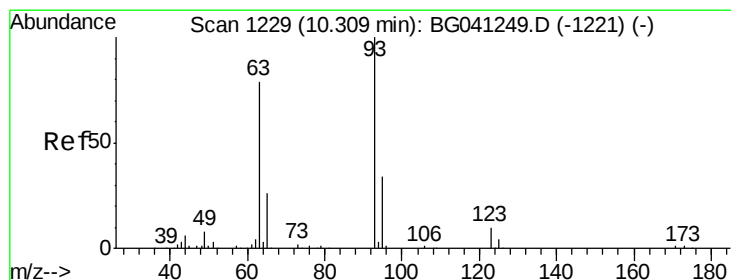
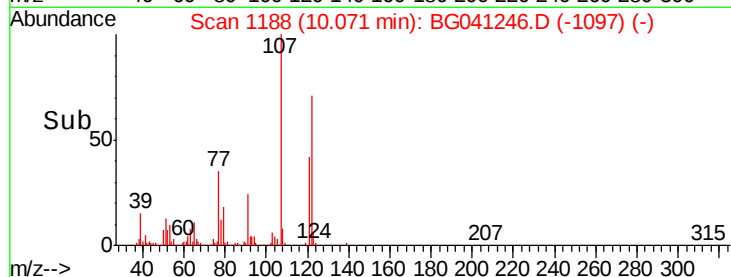
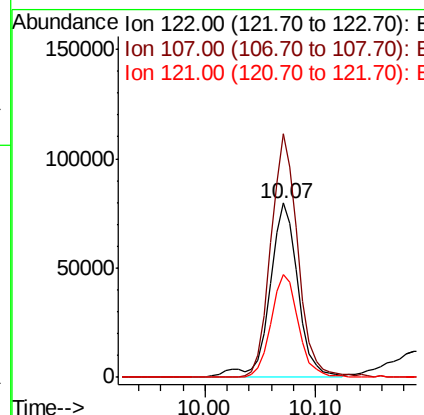
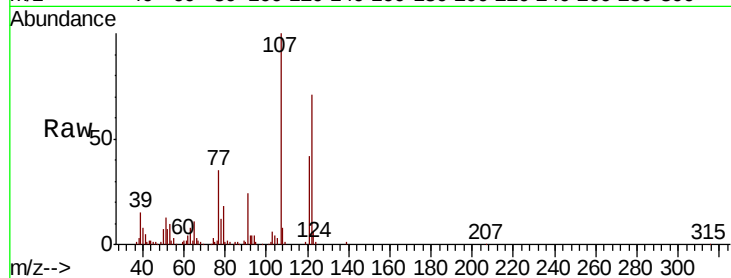




#27
 2,4-Dimethylphenol
 Concen: 38.676 ng
 RT: 10.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BG041246.D
 Acq: 14 Jun 2019 9:44

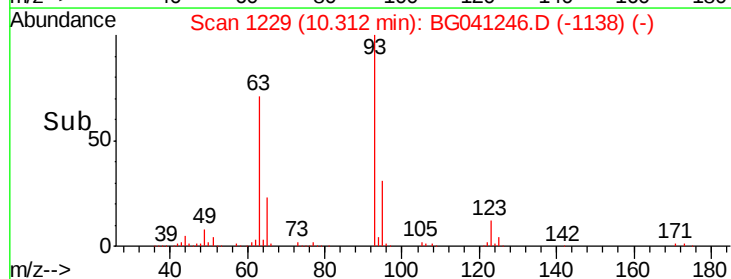
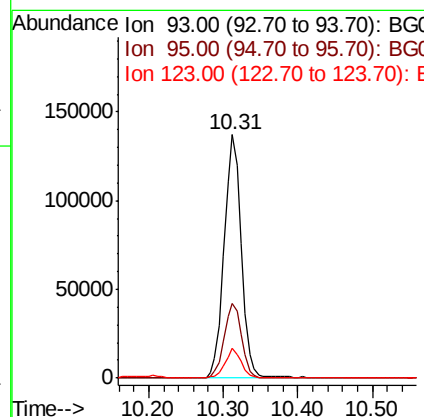
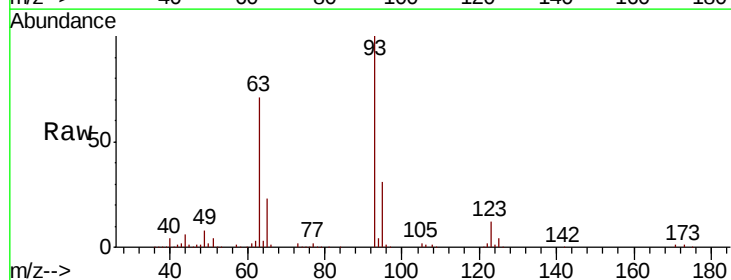
Instrument :
 BNA_G
 ClientSampled :

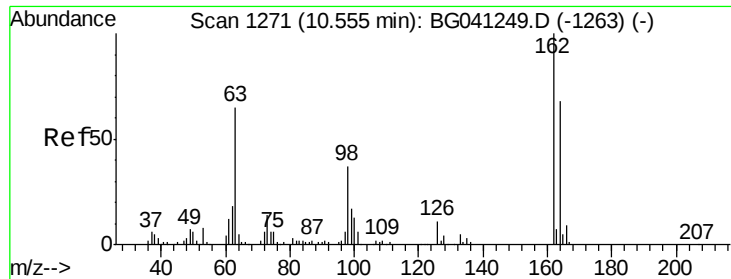
Tot Ion	Ratio	Lower	Upper
122	100		
107	140.0	112.1	168.1
121	59.2	50.0	75.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.356 ng
 RT: 10.31 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BG041246.D
 Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.9	26.9	40.3
123	12.2	7.9	11.9

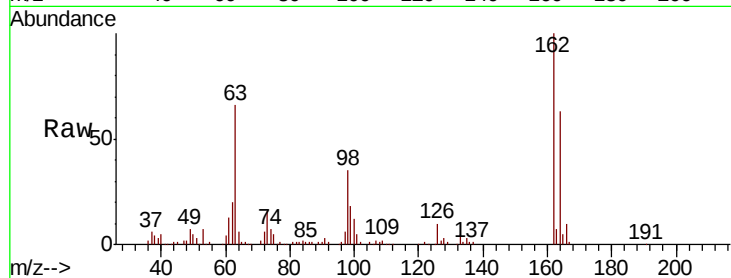




#29
2,4-Dichlorophenol
Concen: 38.947 ng
RT: 10.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	47.6	87.6
98	34.7	17.0	57.0

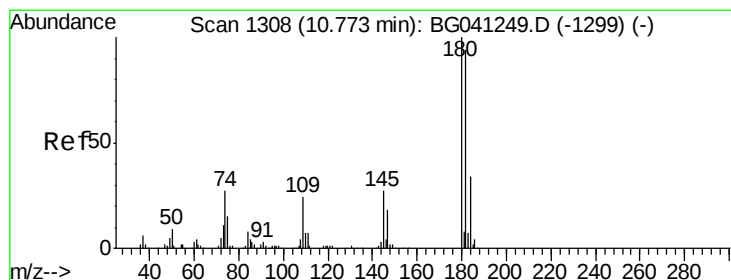
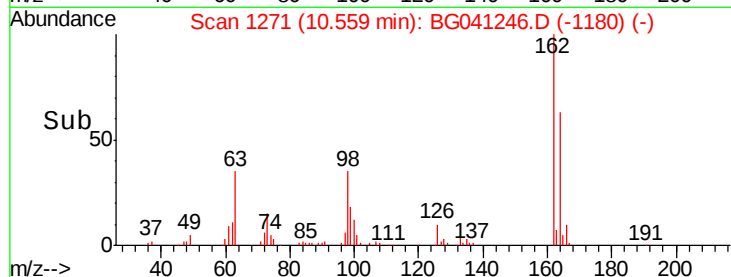
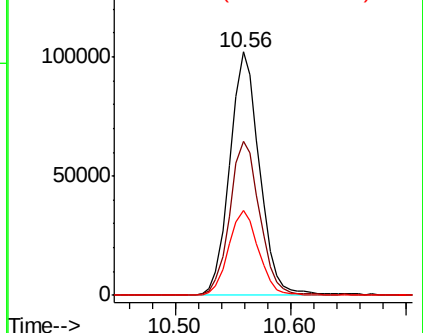


Abundance

Ion 162.00 (161.70 to 162.70): E

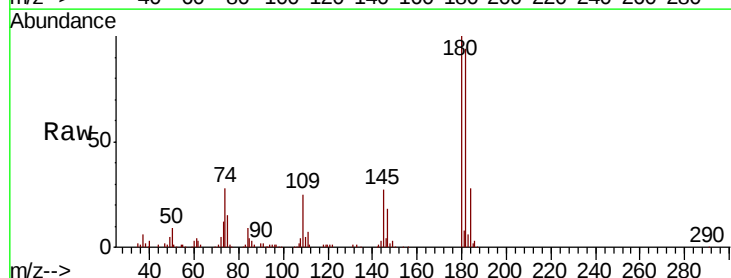
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 42.380 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.1	112.7
145	26.8	21.3	31.9

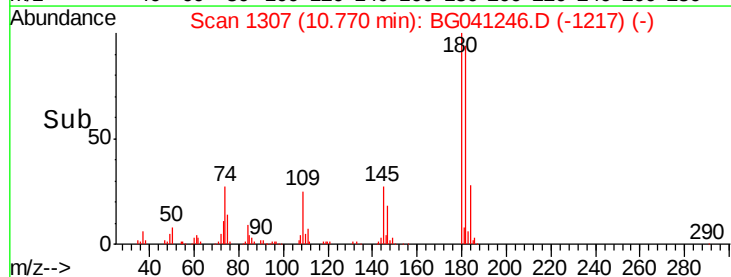
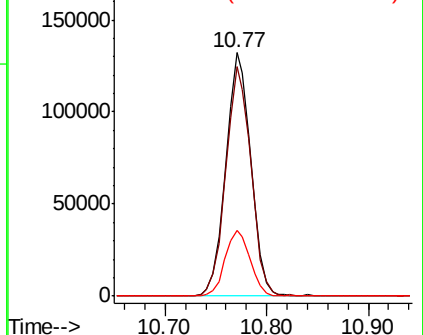


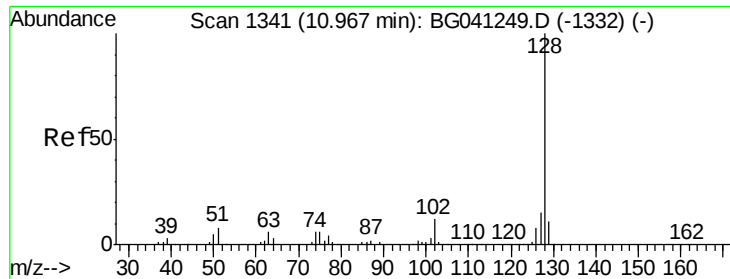
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

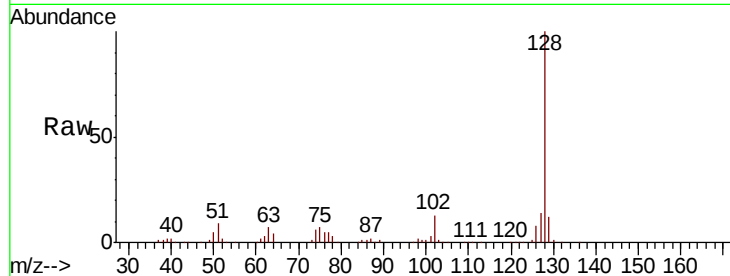




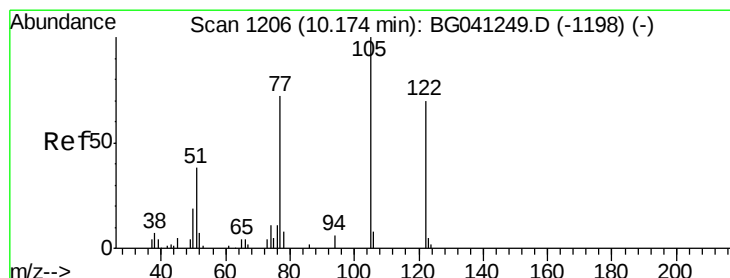
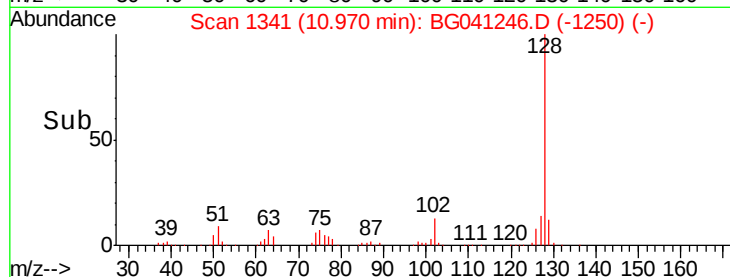
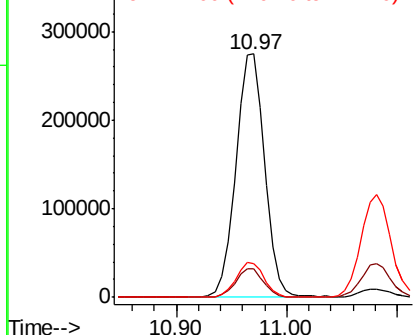
#31
Naphthalene
Concen: 39.830 ng
RT: 10.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 503897
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.6 11.7 17.5

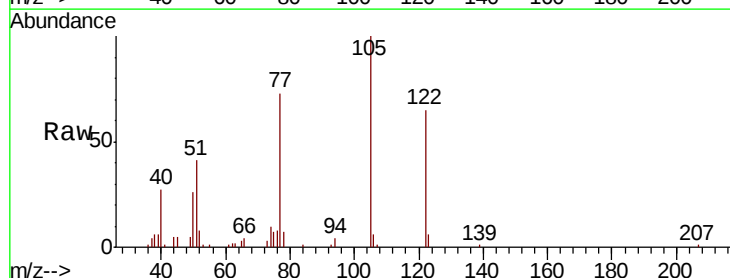


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

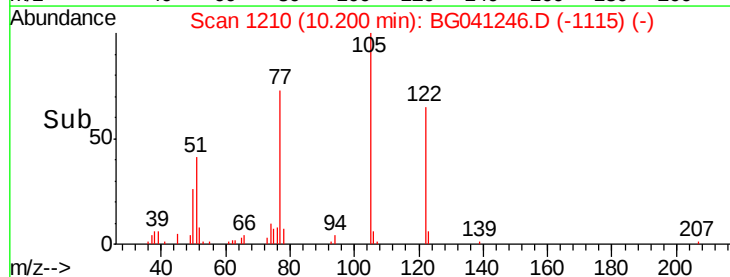
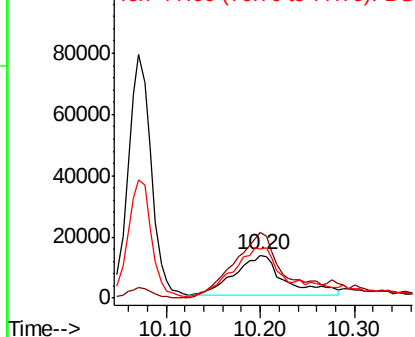


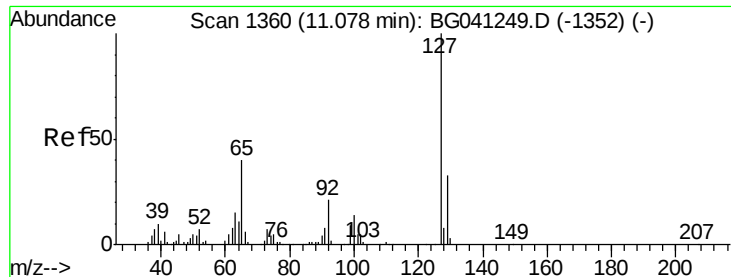
#32
Benzoic acid
Concen: 18.990 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.03 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion:122 Resp: 49918
Ion Ratio Lower Upper
122 100
105 153.1 113.8 153.8
77 112.5 82.6 122.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

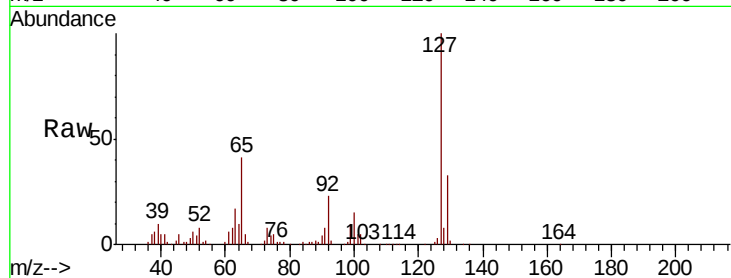




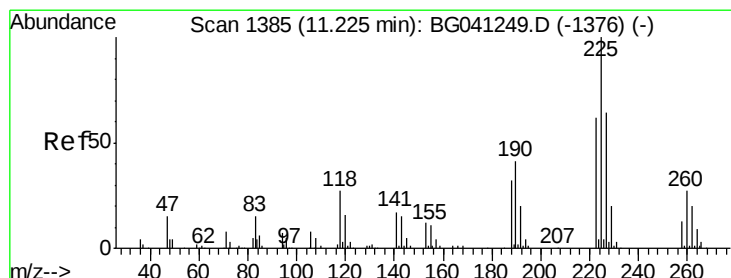
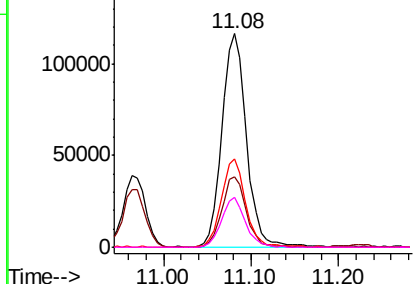
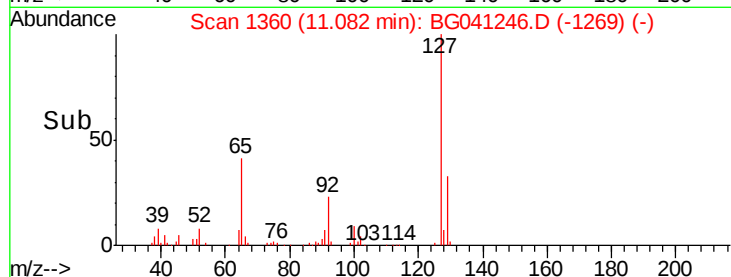
#33
4-Chloroaniline
Concen: 38.476 ng
RT: 11.08 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	225850
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.4
65	41.2	31.8	47.8
92	23.2	17.0	25.4

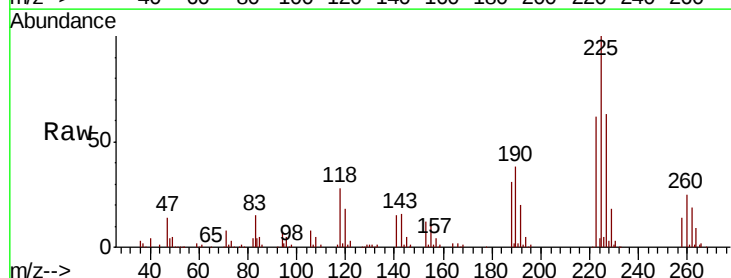


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

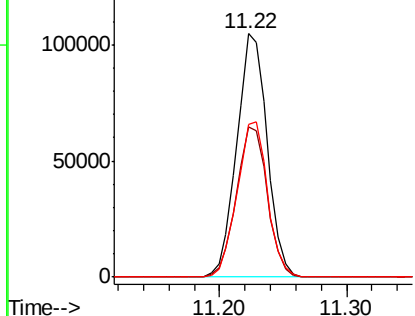
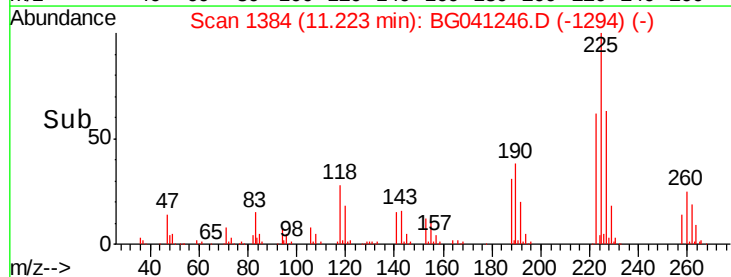


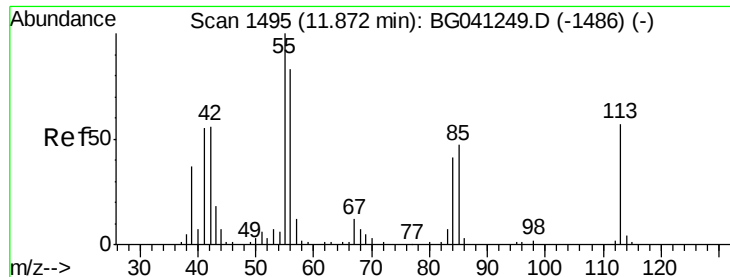
#34
Hexachlorobutadiene
Concen: 42.656 ng
RT: 11.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion:	225	Resp:	173640
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.0	75.0
227	62.5	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

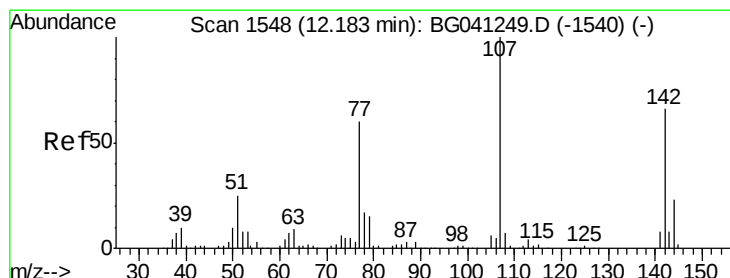
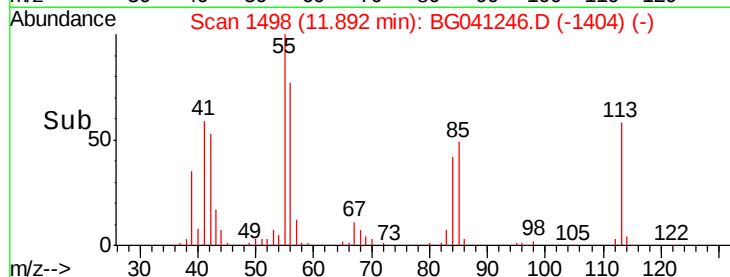
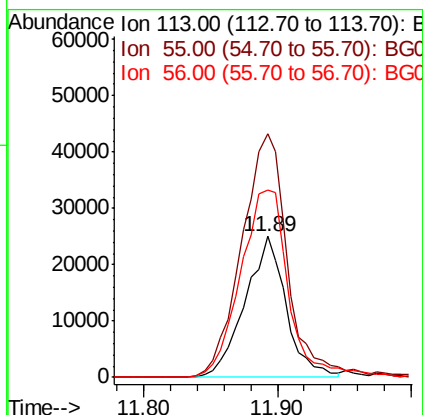
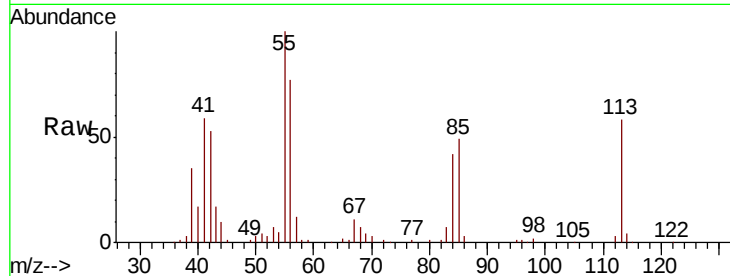




#35
Caprolactam
Concen: 34.549 ng
RT: 11.89 min Scan# 1498
Delta R.T. 0.02 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

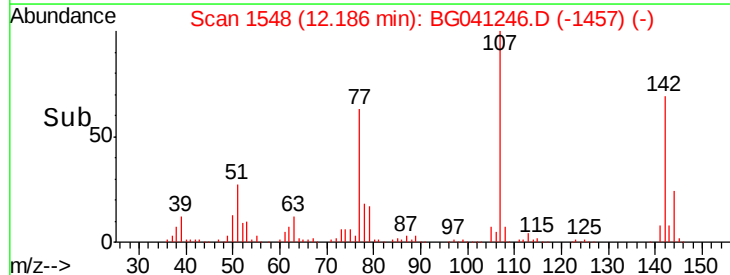
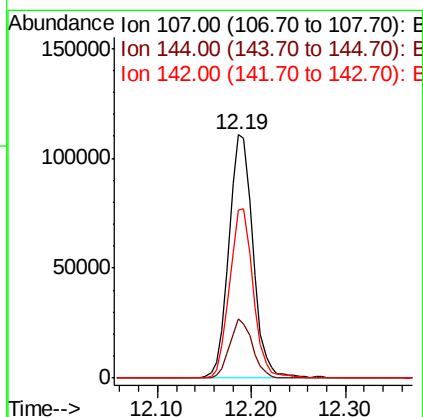
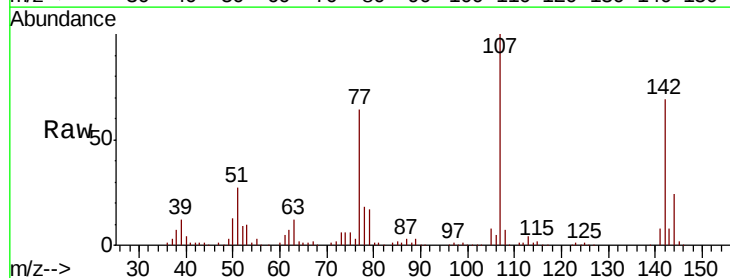
Instrument :
BNA_G
ClientSampled :

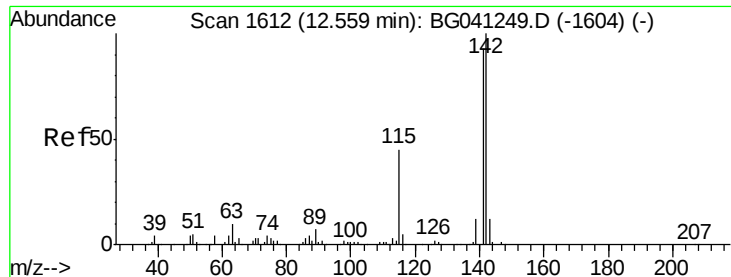
Tot Ion:113 Resp: 53355
Ion Ratio Lower Upper
113 100
55 172.9 155.8 195.8
56 132.6 125.1 165.1



#36
4-Chloro-3-methylphenol
Concen: 37.079 ng
RT: 12.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion:107 Resp: 198038
Ion Ratio Lower Upper
107 100
144 24.2 18.2 27.2
142 69.3 52.5 78.7

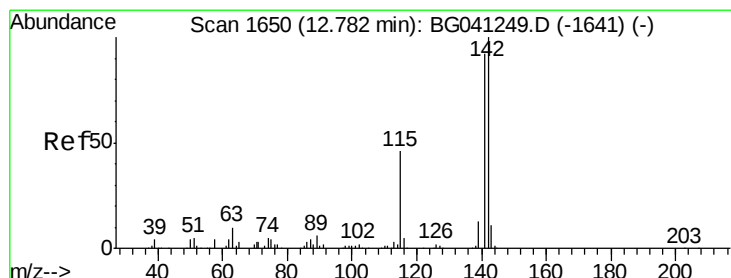
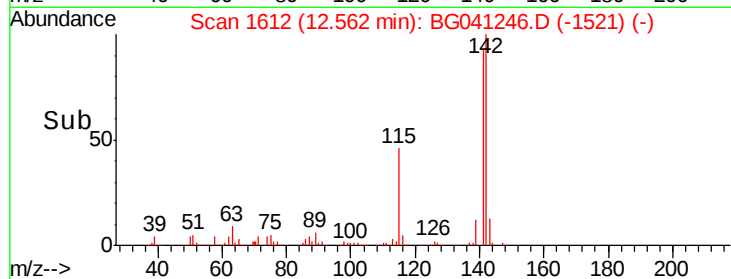
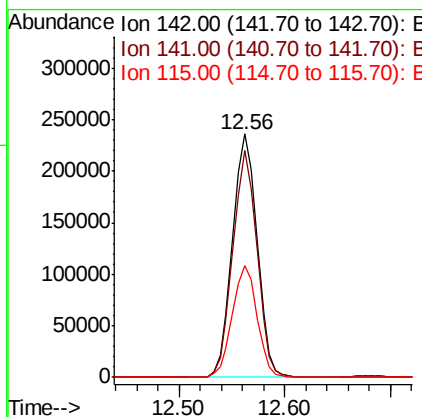
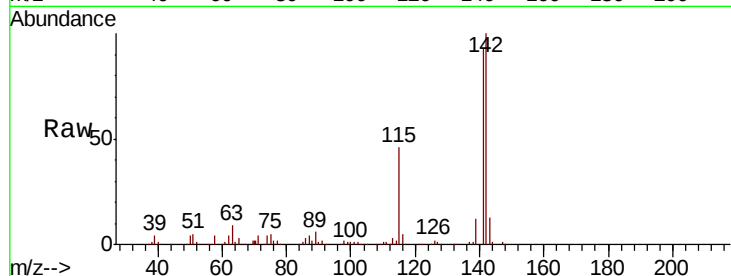




#37
2-Methylnaphthalene
Concen: 39.177 ng
RT: 12.56 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

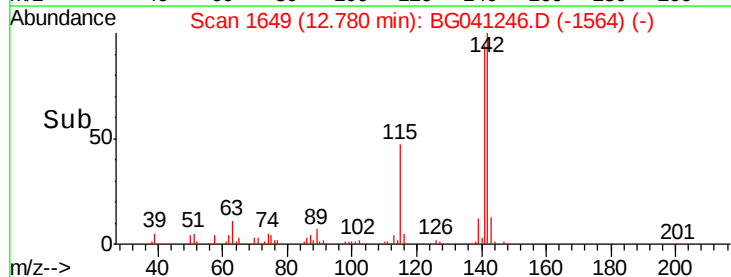
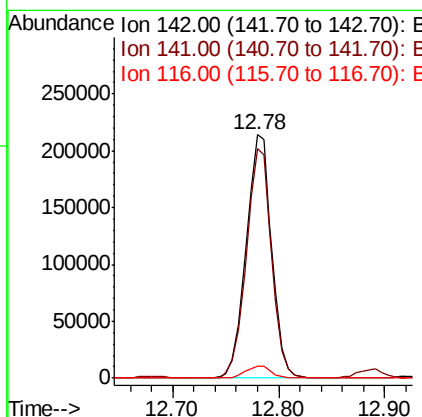
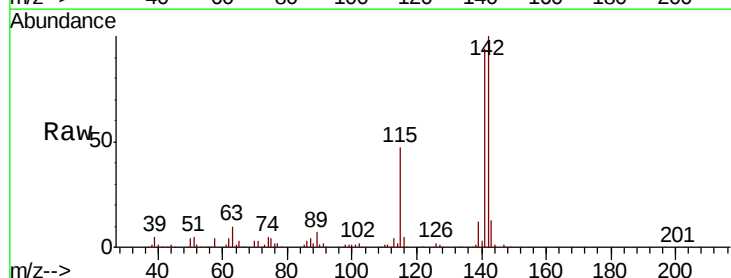
Instrument :
BNA_G
ClientSampleId :

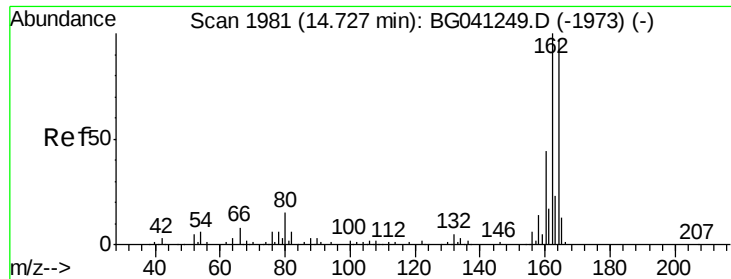
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.0	111.0
115	46.0	36.2	54.4



#38
1-Methylnaphthalene
Concen: 38.886 ng
RT: 12.78 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	73.7	110.5
116	5.0	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: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampleId :

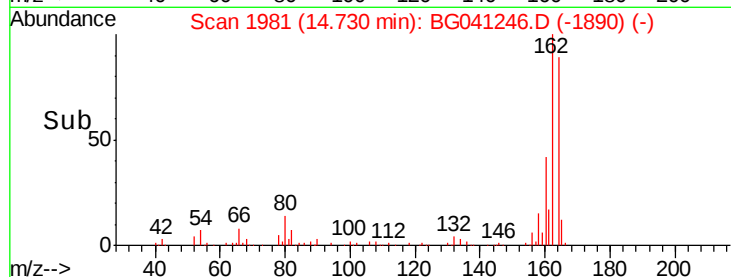
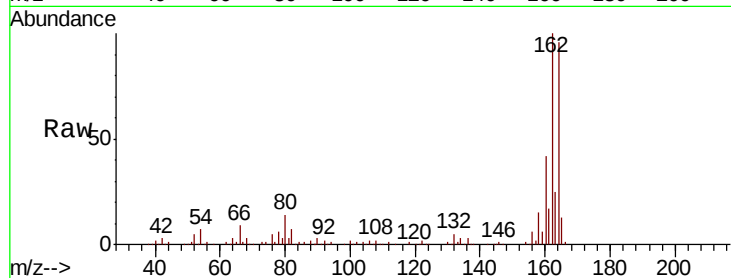
Tot Ion:164 Resp: 165535

Ion Ratio Lower Upper

164 100

162 104.5 82.6 124.0

160 44.1 36.5 54.7

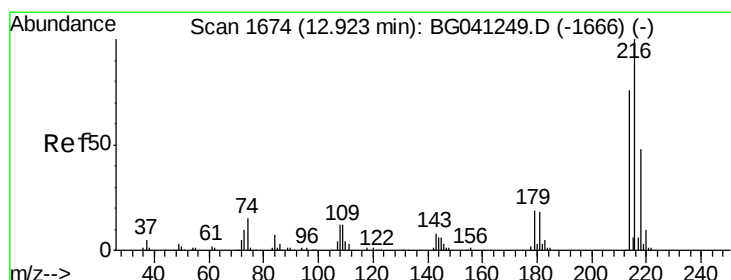
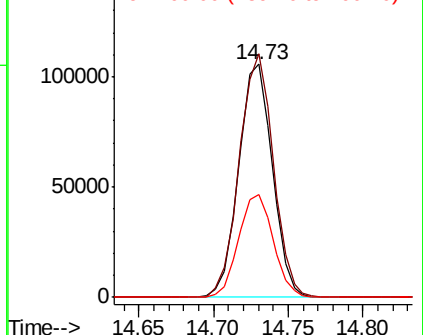


Abundance

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: 42.638 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Tgt Ion:216 Resp: 284478

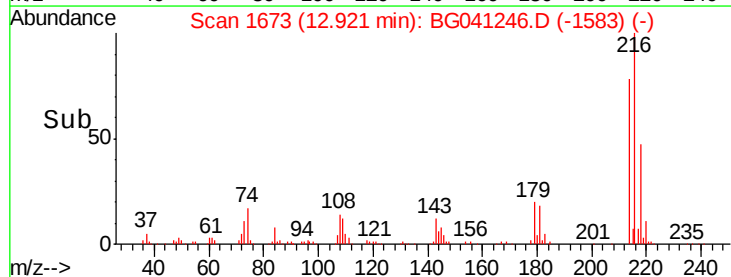
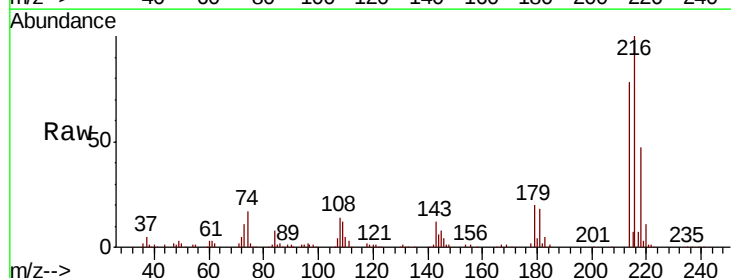
Ion Ratio Lower Upper

216 100

214 79.5 63.6 95.4

179 19.4 15.2 22.8

108 15.0 12.2 18.2



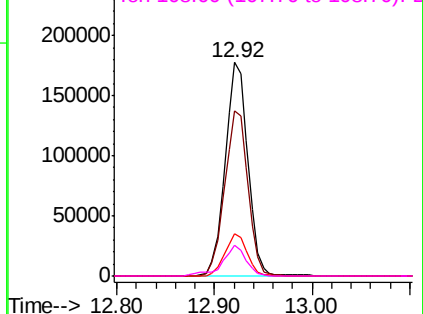
Abundance

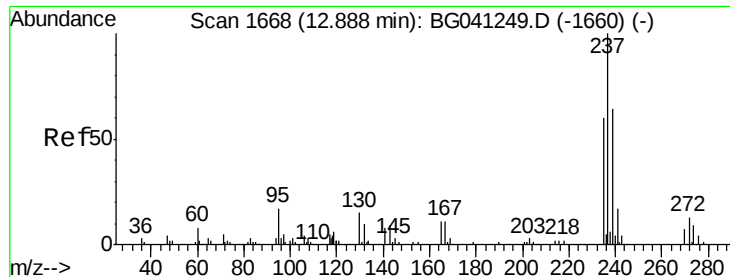
Ion 216.00 (215.70 to 216.70): E

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: 45.044 ng

RT: 12.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampleId :

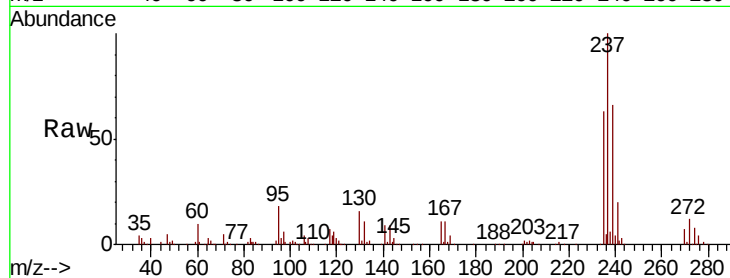
Tot Ion:237 Resp: 134655

Ion Ratio Lower Upper

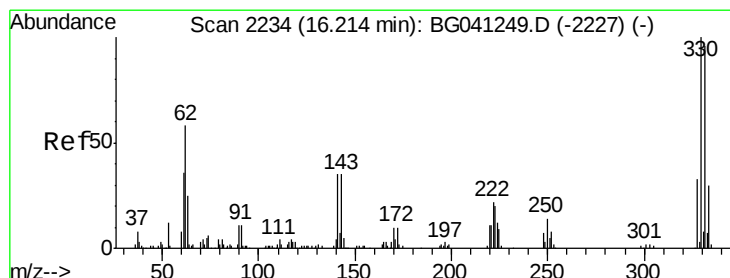
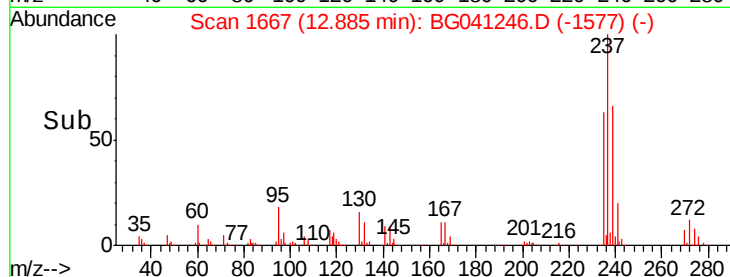
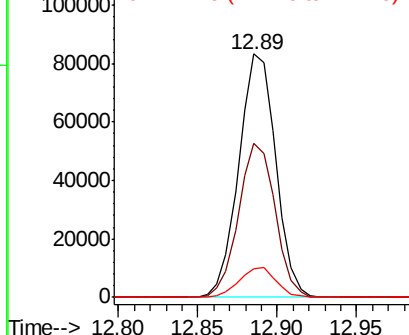
237 100

235 63.4 39.6 79.6

272 11.9 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: 74.844 ng

RT: 16.22 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

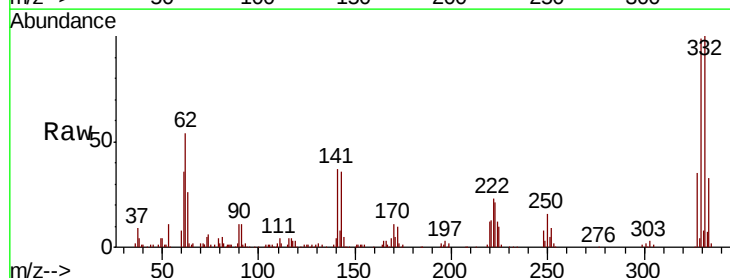
Tgt Ion:330 Resp: 183928

Ion Ratio Lower Upper

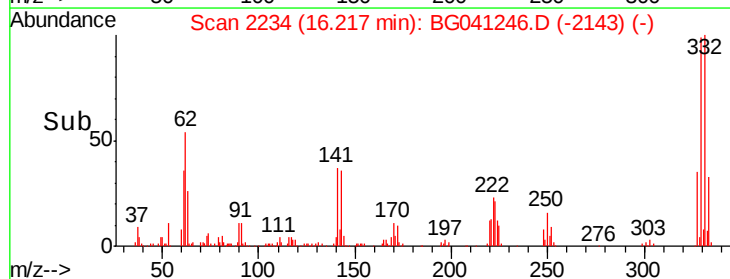
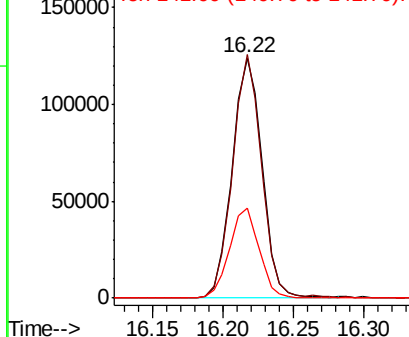
330 100

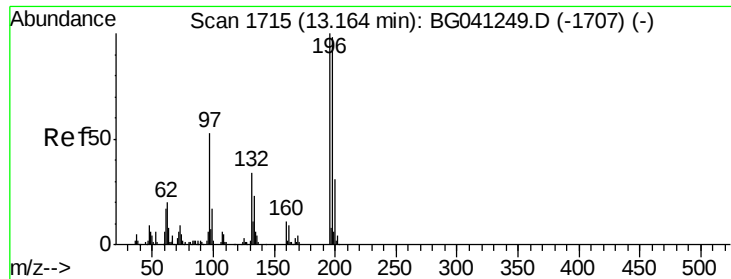
332 98.7 75.0 112.6

141 37.5 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

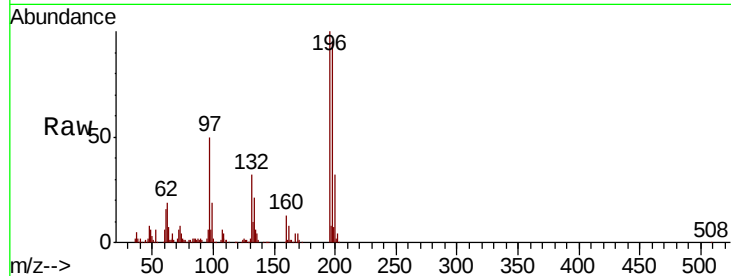




#43
 2,4,6-Trichlorophenol
 Concen: 41.019 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG041246.D
 Acq: 14 Jun 2019 9:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	177046
Ion Ratio	Lower	Upper	
196	100		
198	94.7	78.6	118.0
200	32.2	25.0	37.4

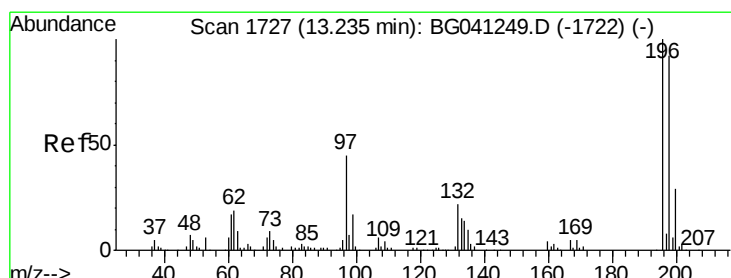
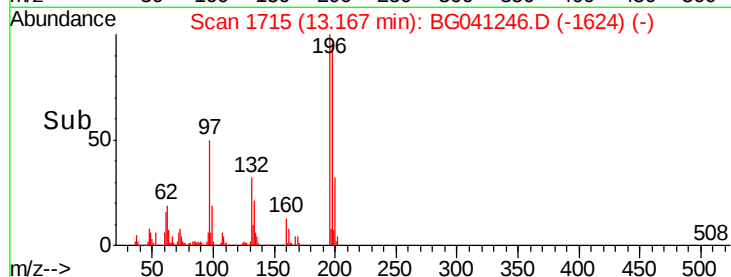
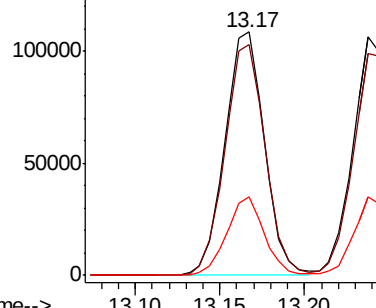


Abundance

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: 38.886 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: BG041246.D
 Acq: 14 Jun 2019 9:44

Tgt Ion	196	Resp	177009
Ion Ratio	Lower	Upper	
196	100		
198	92.9	74.3	111.5
97	45.1	36.2	54.4
132	22.4	18.2	27.4

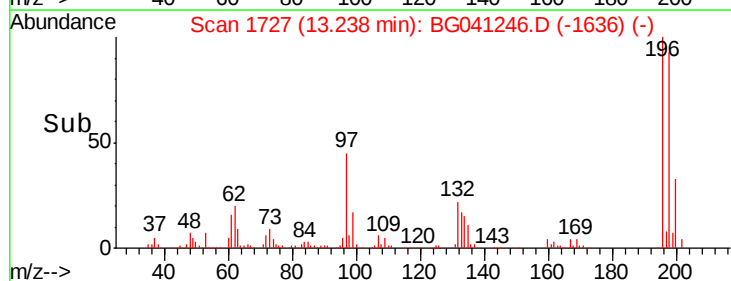
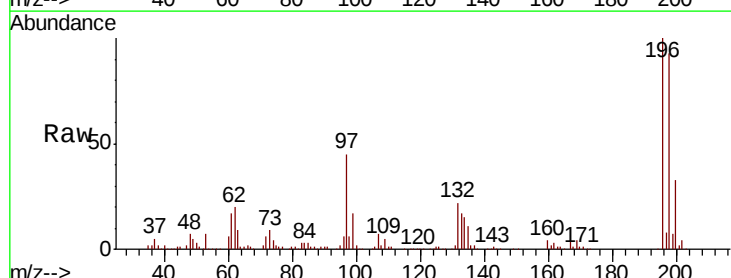
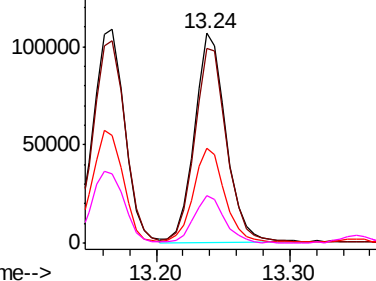
Abundance

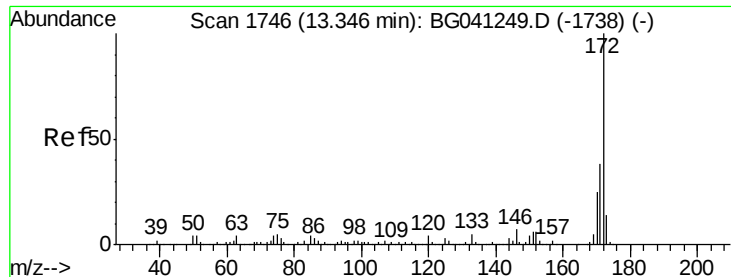
Ion 196.00 (195.70 to 196.70): E

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



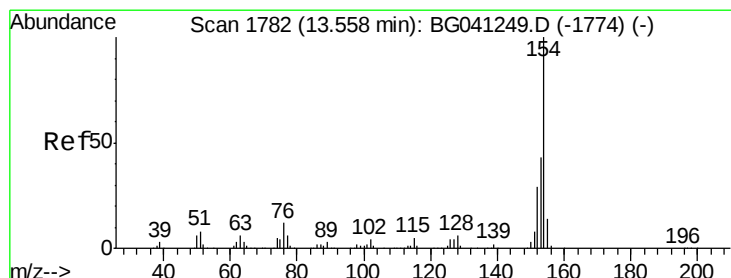
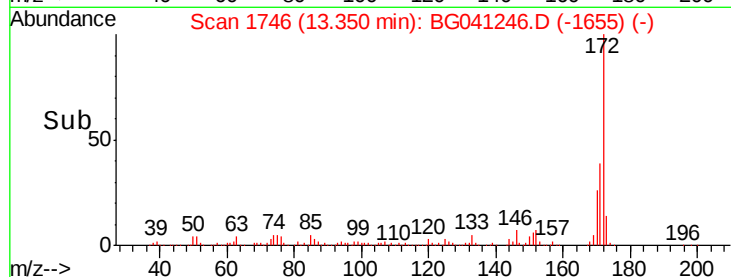
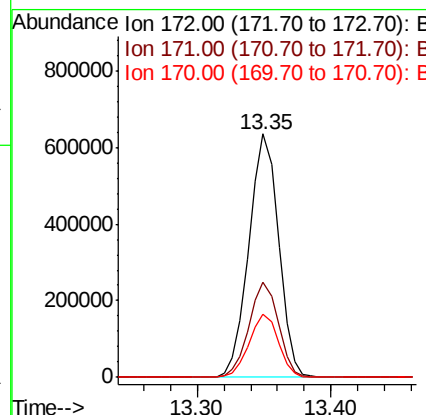
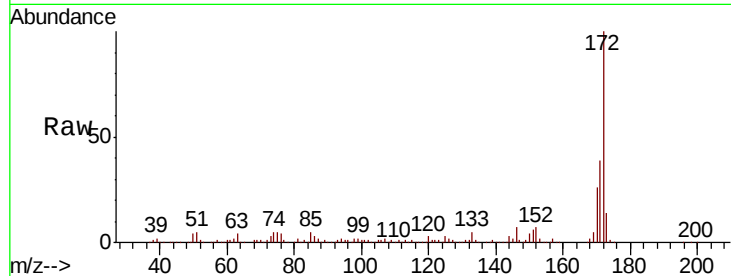


#45
 2-Fluorobiphenyl
 Concen: 84.658 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. 0.00 min
 Lab File: BG041246.D
 Acq: 14 Jun 2019 9:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 973107

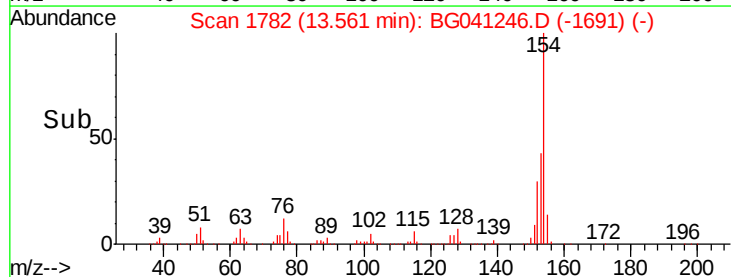
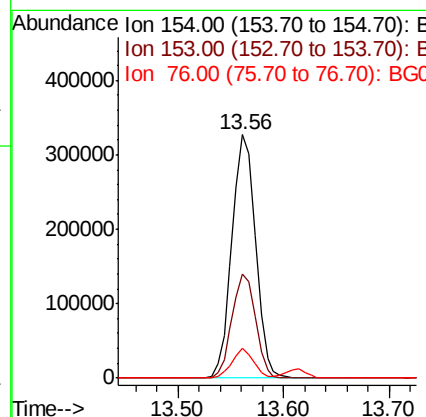
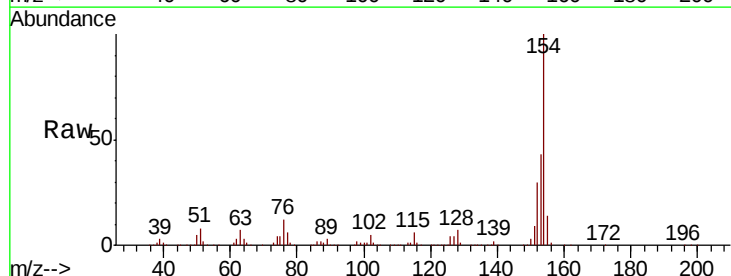
Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.4	45.6
170	26.2	19.8	29.6

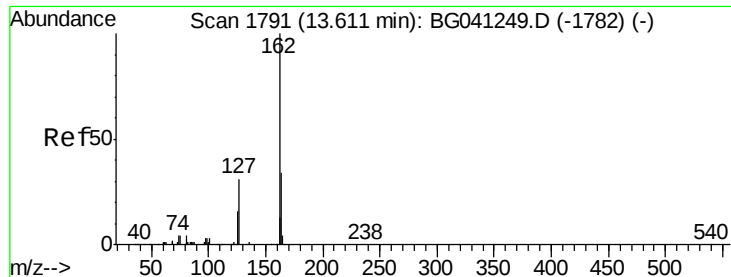


#46
 1,1'-Biphenyl
 Concen: 41.443 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG041246.D
 Acq: 14 Jun 2019 9:44

Tgt Ion:154 Resp: 507812

Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.8	62.8
76	12.0	0.0	31.8





#47

2-Chloronaphthalene

Concen: 42.300 ng

RT: 13.61 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

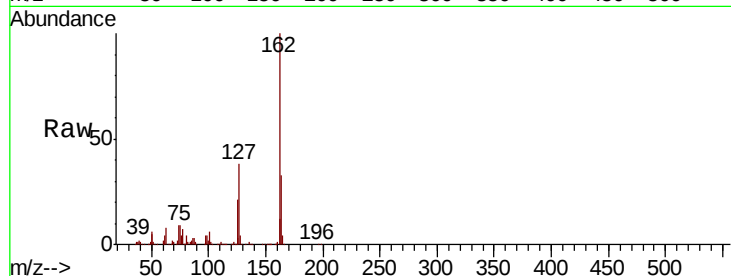
Instrument :

BNA_G

ClientSampleId :

Tot Ion:162 Resp: 444960

Ion	Ratio	Lower	Upper
162	100		
127	38.2	28.5	42.7
164	32.9	27.0	40.6

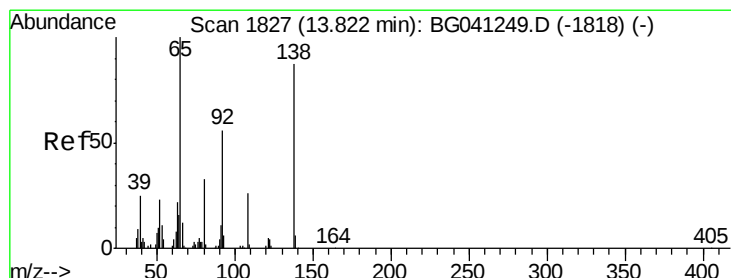
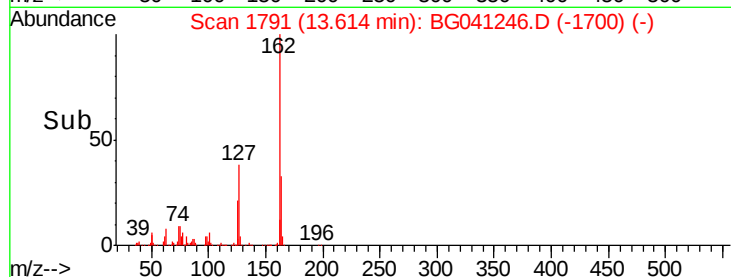
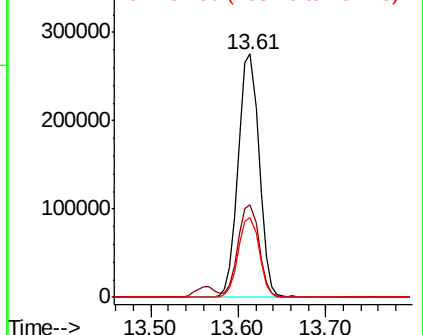


Abundance

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: 41.220 ng

RT: 13.83 min Scan# 1827

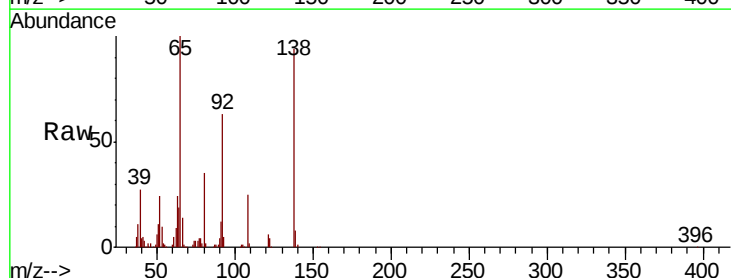
Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Tgt Ion: 65 Resp: 155555

Ion	Ratio	Lower	Upper
65	100		
92	63.2	44.6	66.8
138	93.7	69.2	103.8

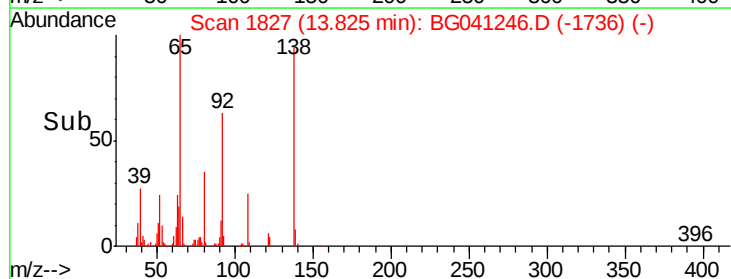
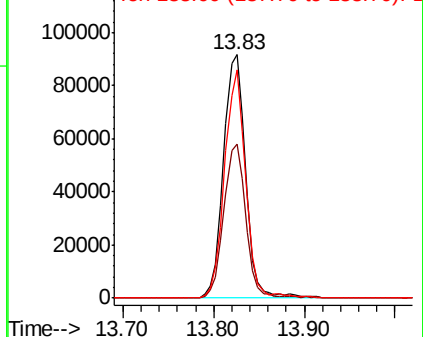


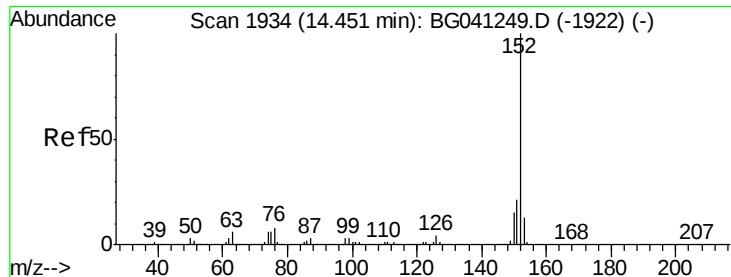
Abundance

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: 40.332 ng

RT: 14.45 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampleId :

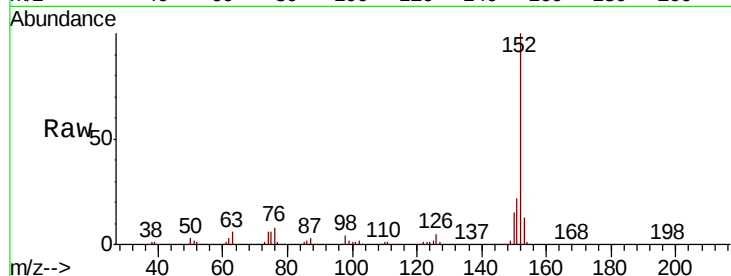
Tot Ion:152 Resp: 638545

Ion Ratio Lower Upper

152 100

151 21.7 16.7 25.1

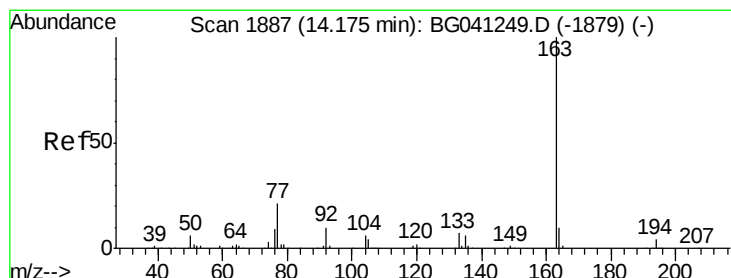
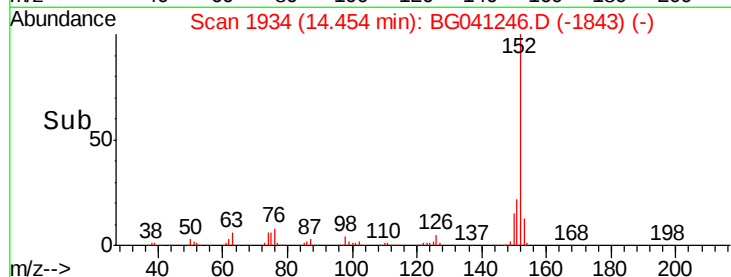
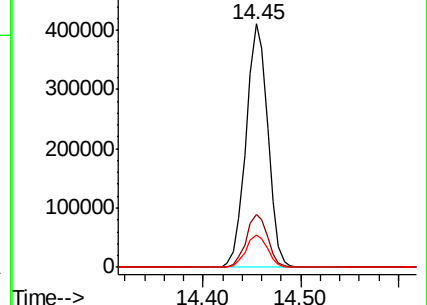
153 13.4 10.6 16.0



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: 39.559 ng

RT: 14.18 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

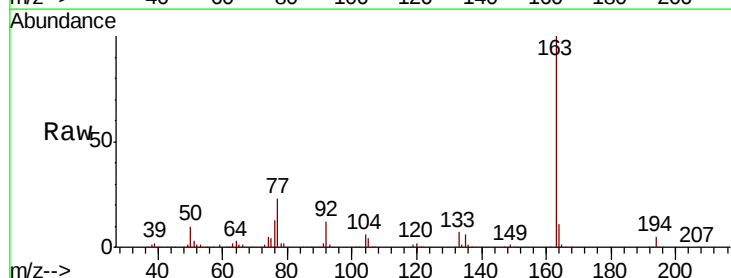
Tgt Ion:163 Resp: 554318

Ion Ratio Lower Upper

163 100

194 5.2 3.5 5.3

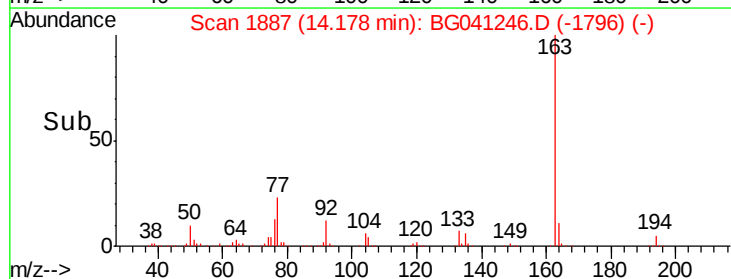
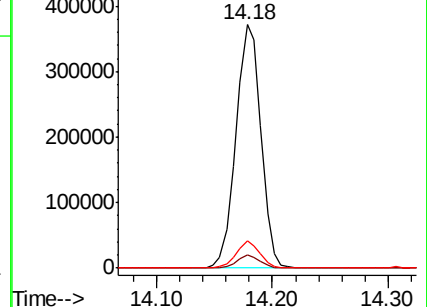
164 11.2 8.4 12.6

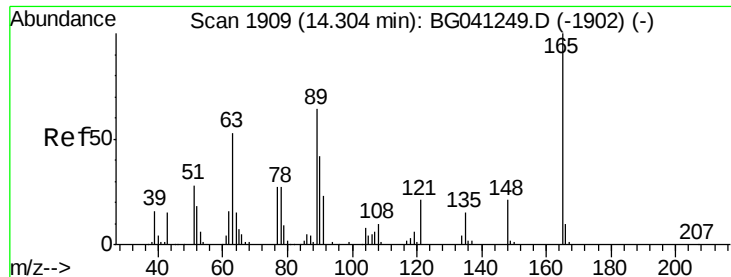


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.354 ng

RT: 14.31 min Scan# 1910

Delta R.T. 0.01 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampleId :

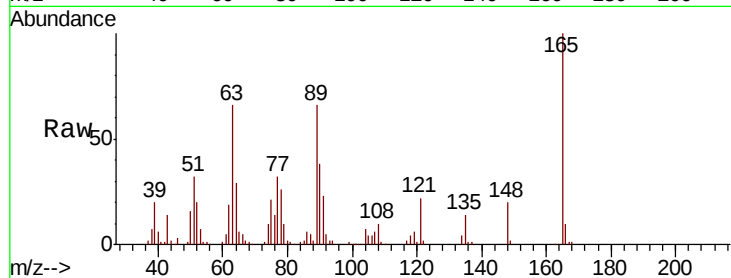
Tot Ion:165 Resp: 118899

Ion Ratio Lower Upper

165 100

63 66.2 53.8 80.8

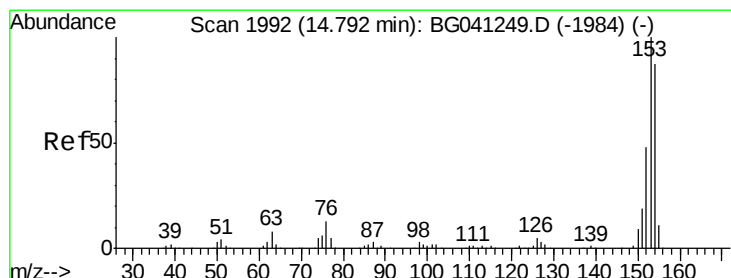
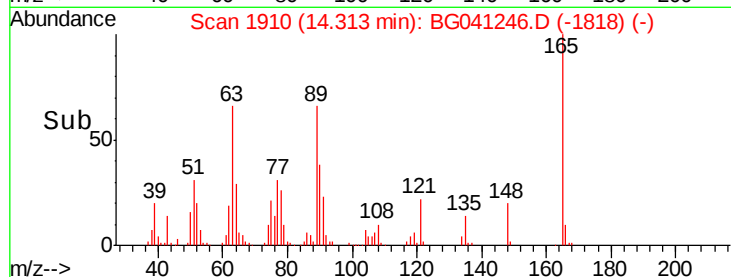
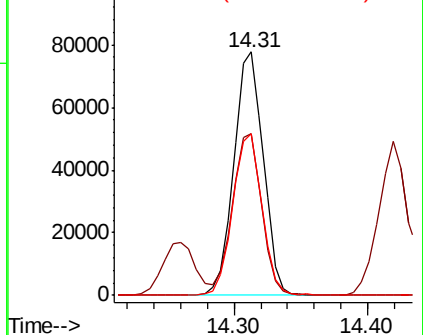
89 66.3 51.0 76.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 39.728 ng

RT: 14.79 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

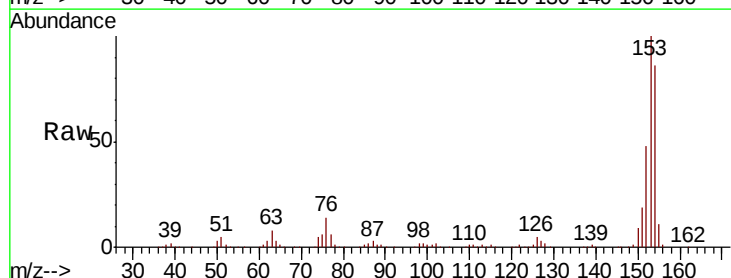
Tgt Ion:154 Resp: 381028

Ion Ratio Lower Upper

154 100

153 116.0 92.3 138.5

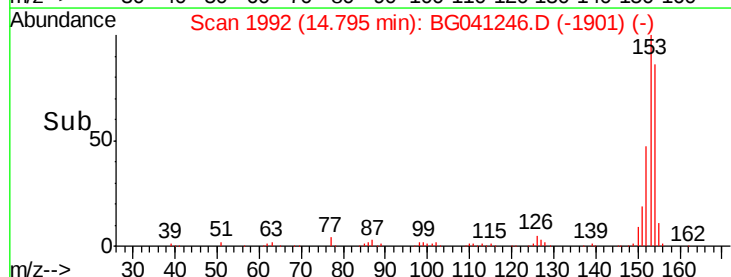
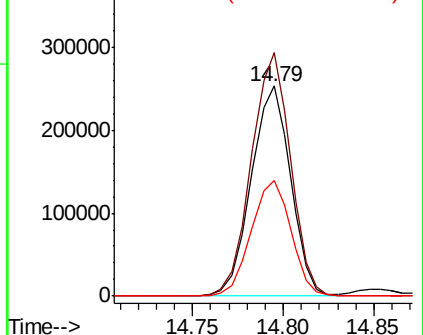
152 55.2 44.0 66.0

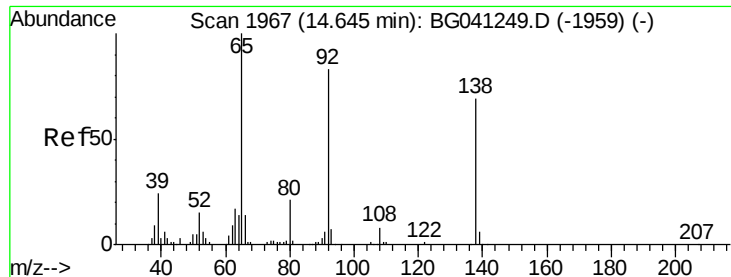


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 38.823 ng

RT: 14.65 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampleId :

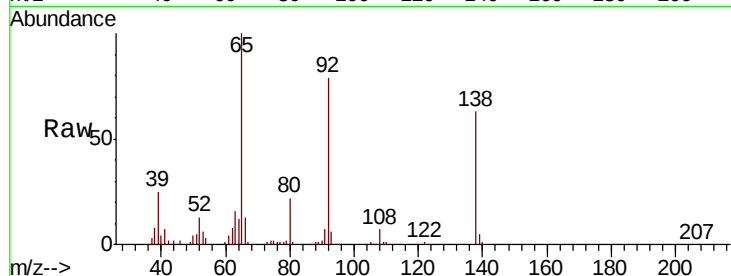
Tot Ion:138 Resp: 117290

Ion Ratio Lower Upper

138 100

108 10.7 8.8 13.2

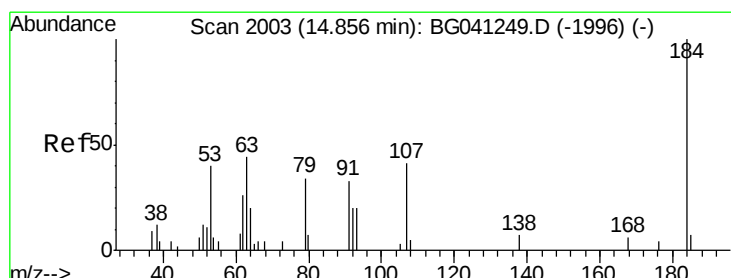
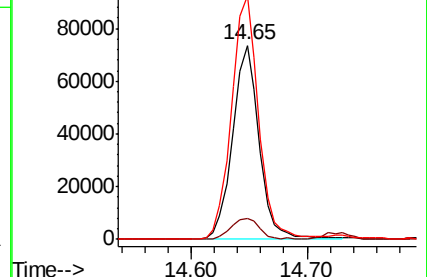
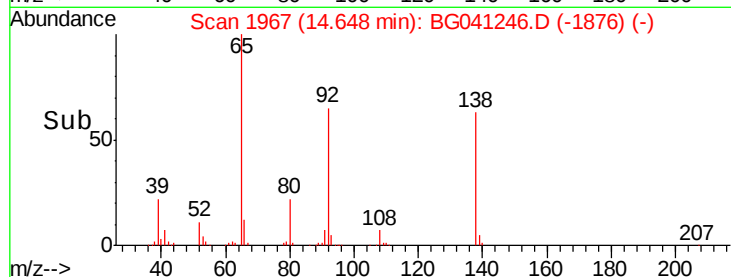
92 125.4 96.8 145.2



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: 20.884 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

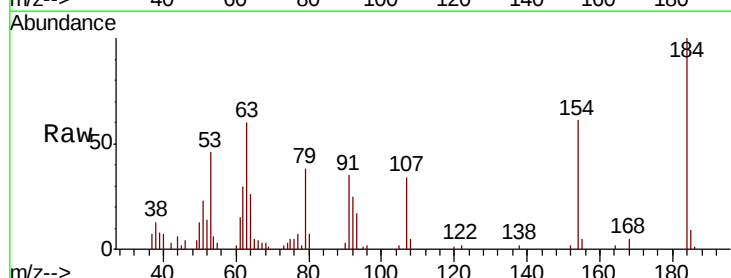
Tgt Ion:184 Resp: 24459

Ion Ratio Lower Upper

184 100

63 59.5 43.2 64.8

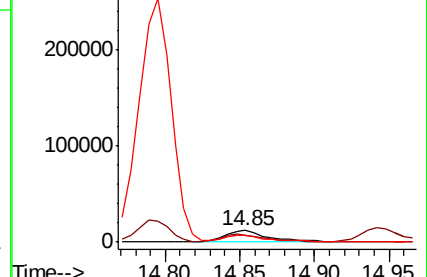
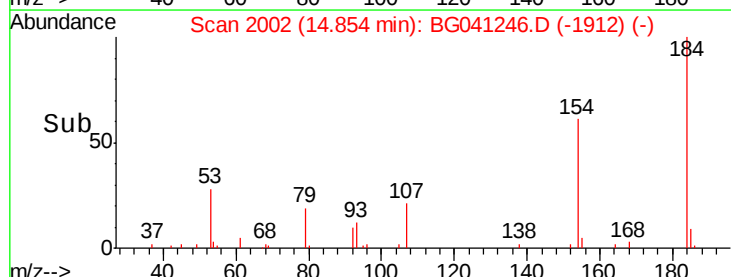
154 61.3 43.1 64.7

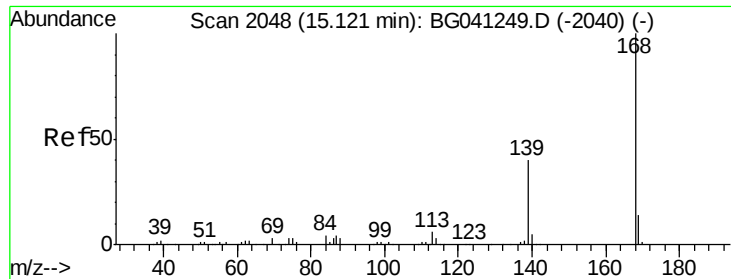


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

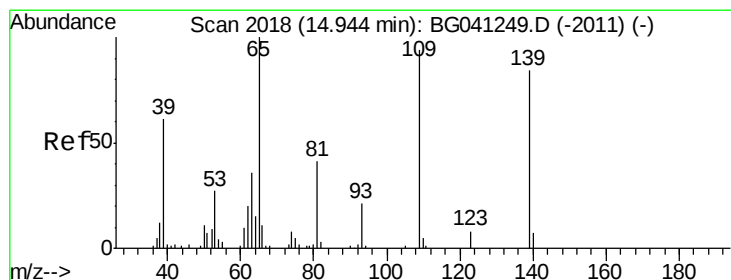
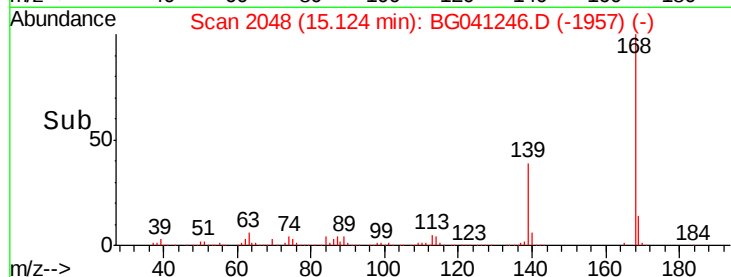
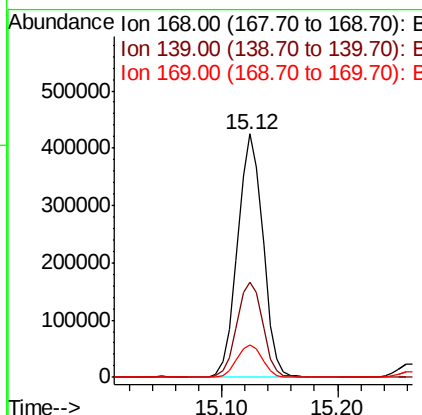
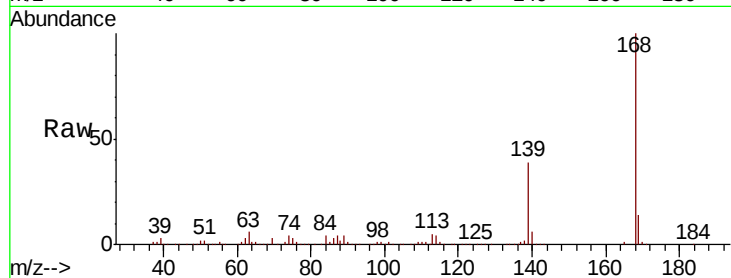




#55
Dibenzenofuran
Concen: 40.151 ng
RT: 15.12 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

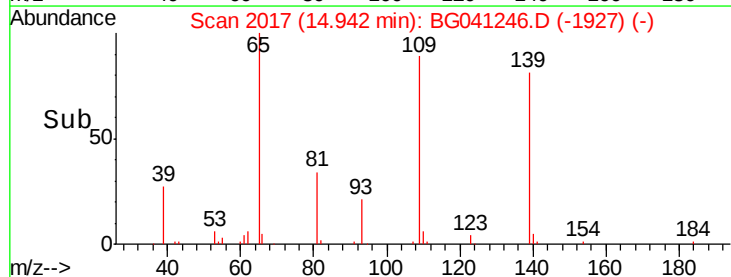
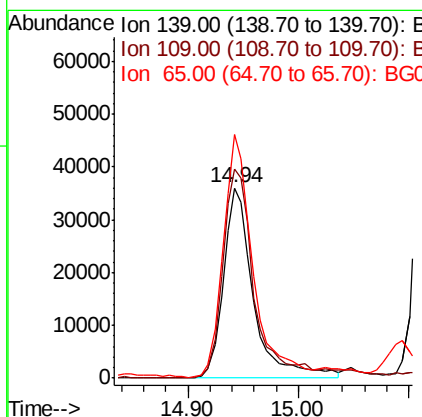
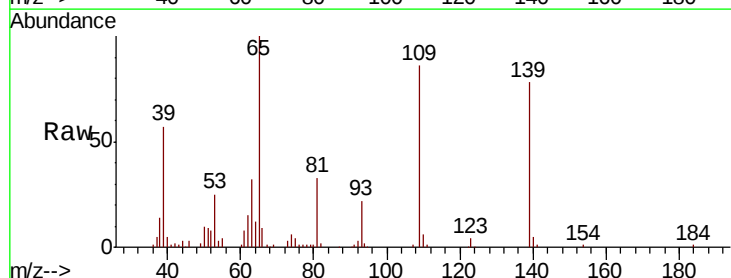
Instrument :
BNA_G
ClientSampleId :

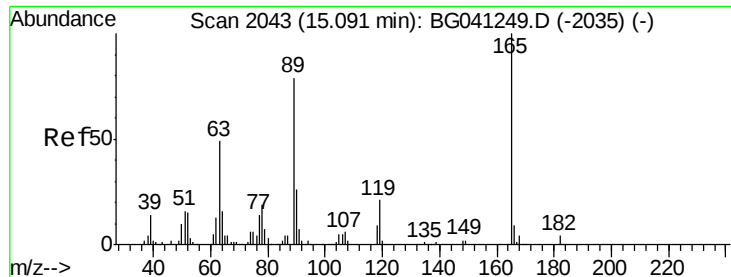
Tot Ion:168 Resp: 647963
Ion Ratio Lower Upper
168 100
139 39.2 32.0 48.0
169 13.6 11.2 16.8



#56
4-Nitrophenol
Concen: 33.082 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion:139 Resp: 68553
Ion Ratio Lower Upper
139 100
109 109.7 92.6 132.6
65 127.8 101.0 141.0

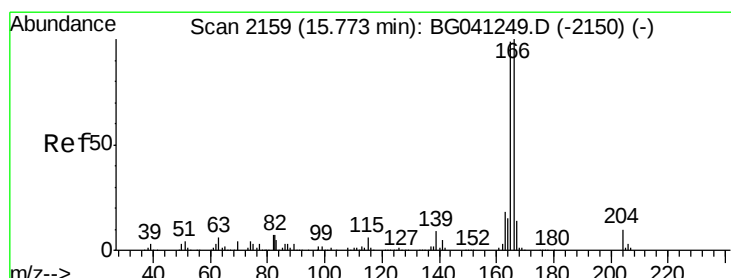
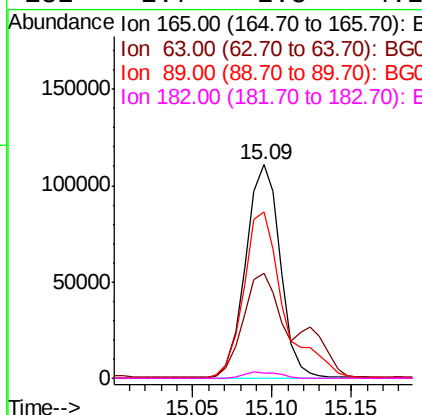
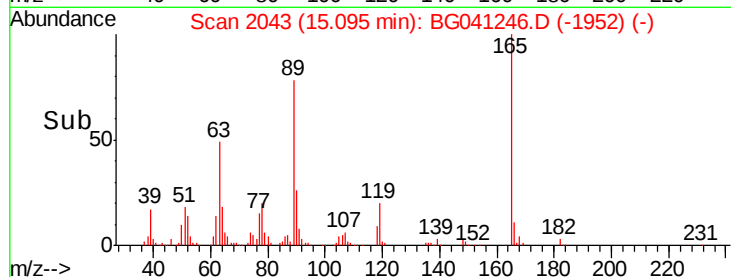
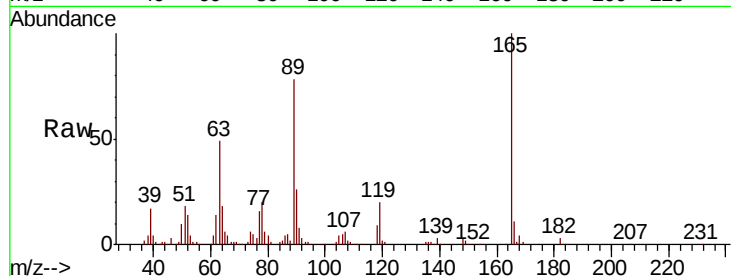




#57
 2,4-Dinitrotoluene
 Concen: 39.351 ng
 RT: 15.09 min Scan# 2043
 Delta R.T. 0.00 min
 Lab File: BG041246.D
 Acq: 14 Jun 2019 9:44

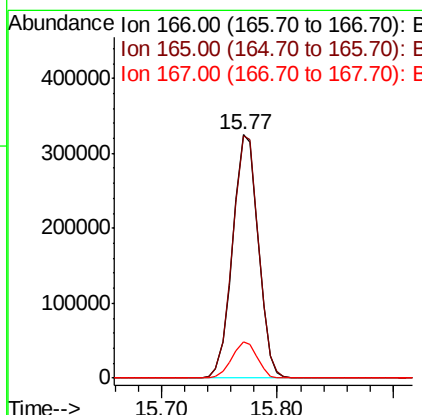
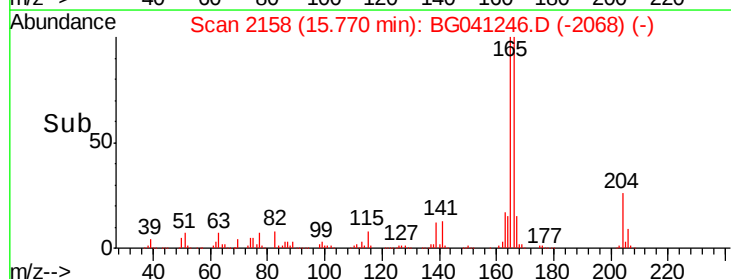
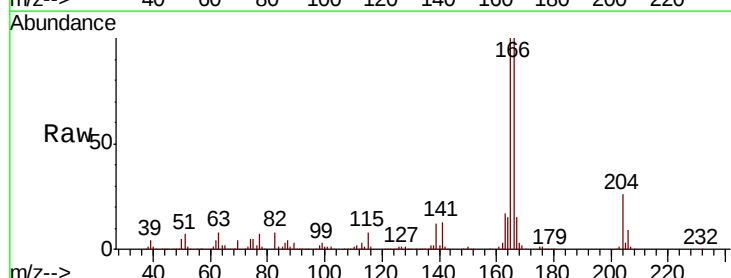
Instrument :
 BNA_G
 ClientSampleId :

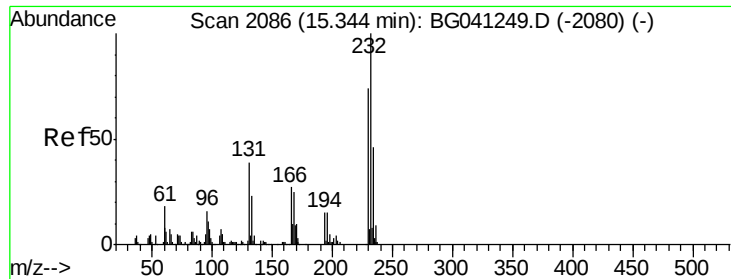
Tot Ion:165 Resp: 167940
 Ion Ratio Lower Upper
 165 100
 63 49.5 39.4 59.2
 89 77.9 62.8 94.2
 182 2.7 2.8 4.2#



#58
 Fluorene
 Concen: 38.868 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.00 min
 Lab File: BG041246.D
 Acq: 14 Jun 2019 9:44

Tgt Ion:166 Resp: 499540
 Ion Ratio Lower Upper
 166 100
 165 99.7 79.4 119.0
 167 15.0 11.1 16.7

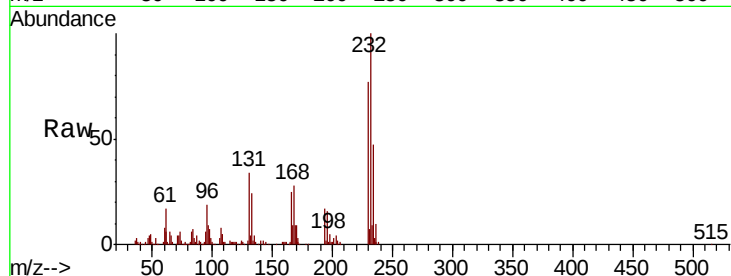




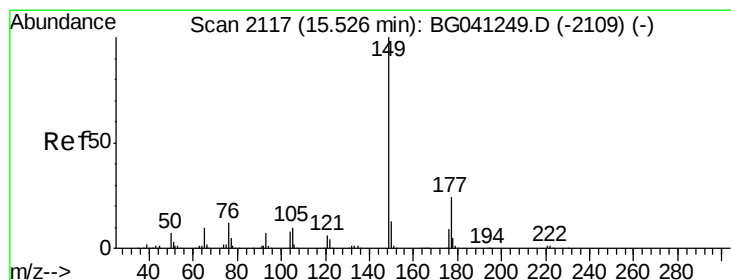
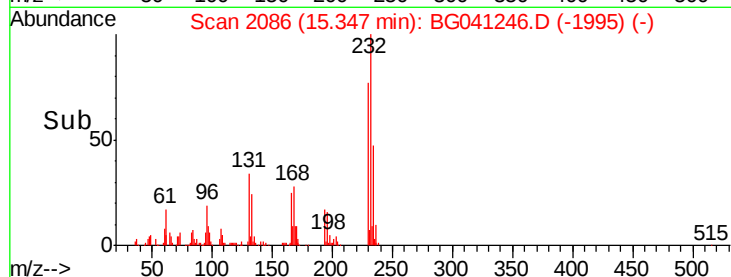
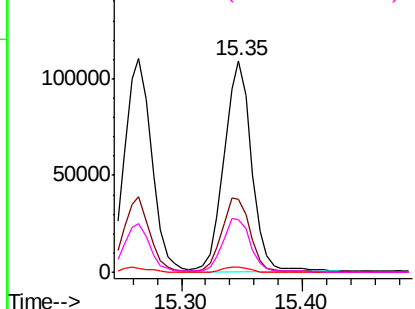
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.327 ng
 RT: 15.35 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BG041246.D
 Acq: 14 Jun 2019 9:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	171453
Ion Ratio	Lower	Upper
232	100	
131	36.3	30.3 45.5
130	2.4	1.8 2.8
166	26.3	21.0 31.4

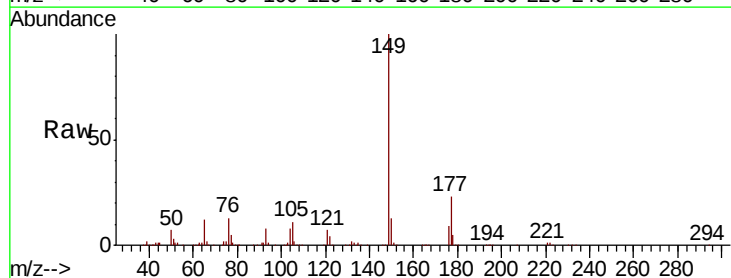


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

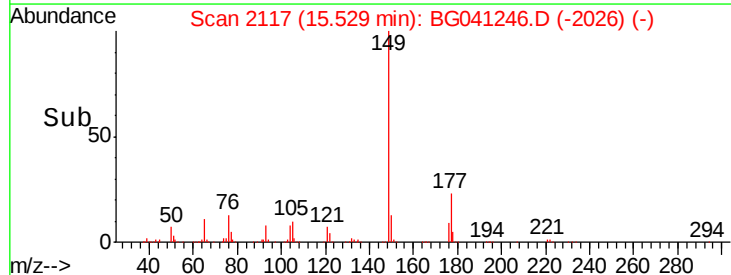
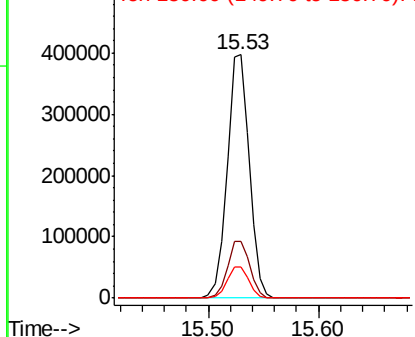


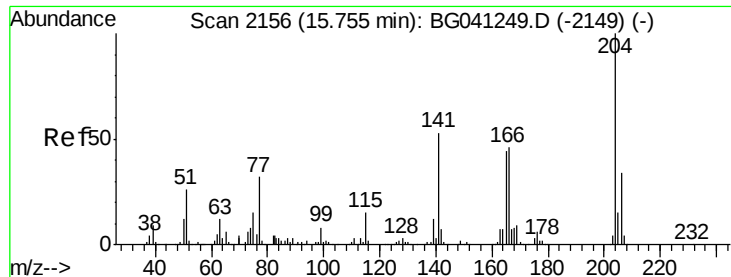
#60
 Diethylphthalate
 Concen: 38.956 ng
 RT: 15.53 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: BG041246.D
 Acq: 14 Jun 2019 9:44

Tgt Ion:149	Resp:	557074
Ion Ratio	Lower	Upper
149	100	
177	23.3	19.0 28.4
150	12.7	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: 39.951 ng

RT: 15.76 min Scan# 2156

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampled :

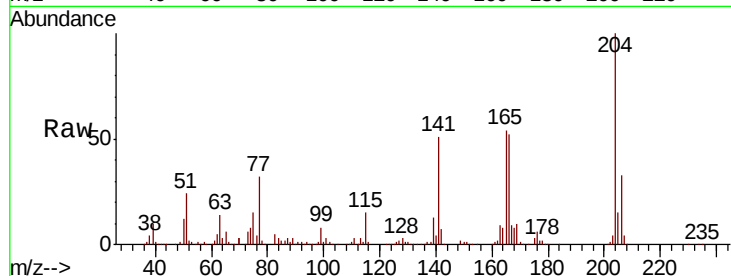
Tot Ion:204 Resp: 333741

Ion Ratio Lower Upper

204 100

206 33.2 27.3 40.9

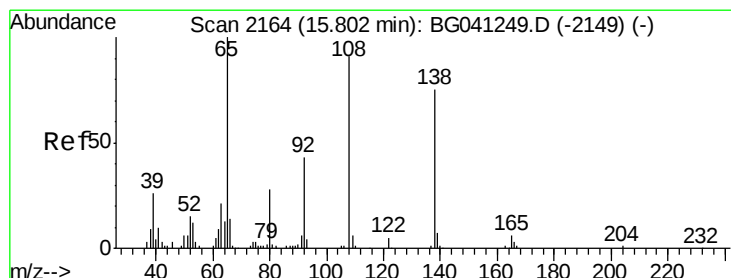
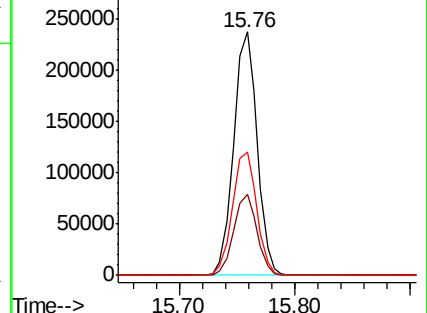
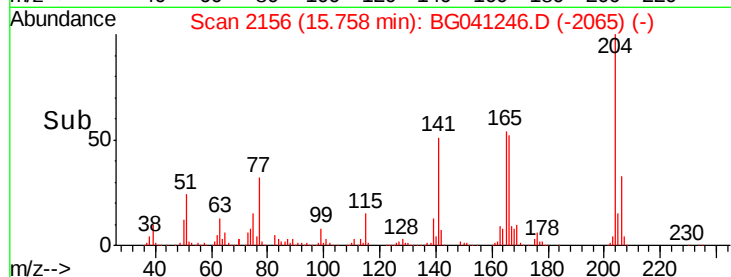
141 50.8 42.6 63.8



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: 38.244 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.01 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

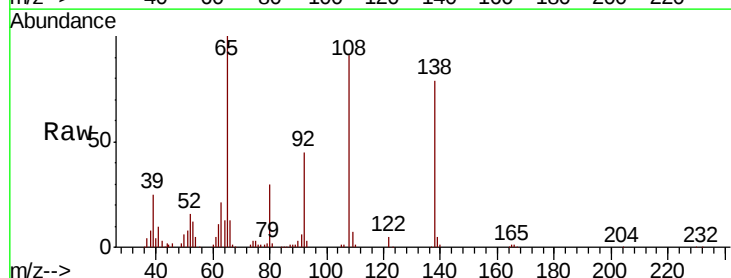
Tgt Ion:138 Resp: 122321

Ion Ratio Lower Upper

138 100

92 57.6 36.9 76.9

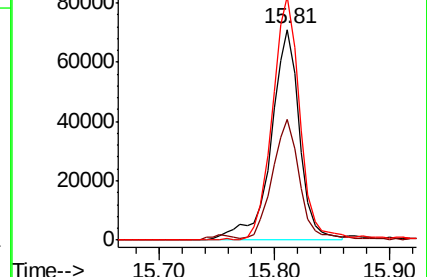
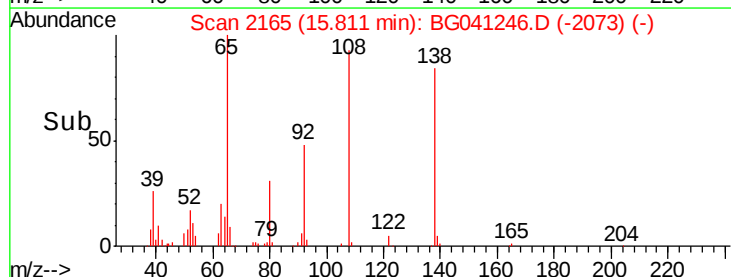
108 115.7 100.3 140.3

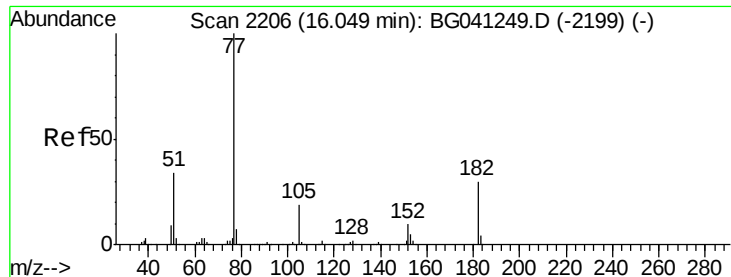


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

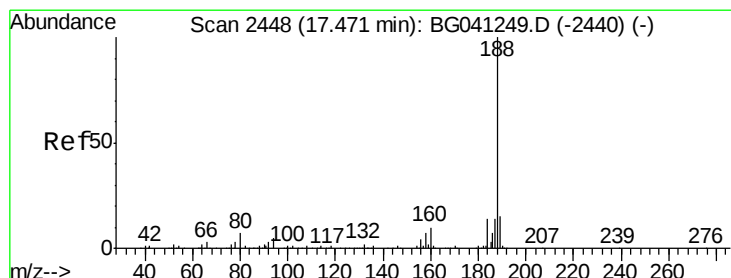
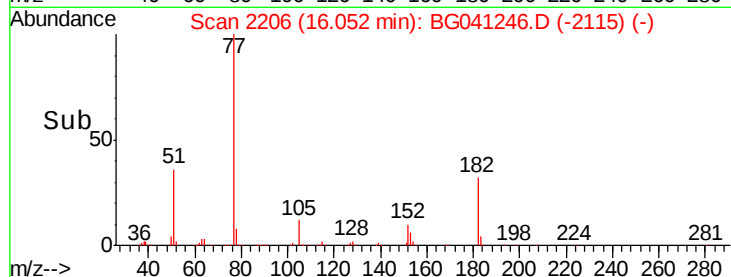
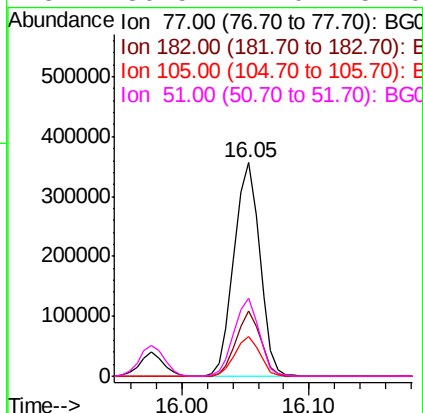
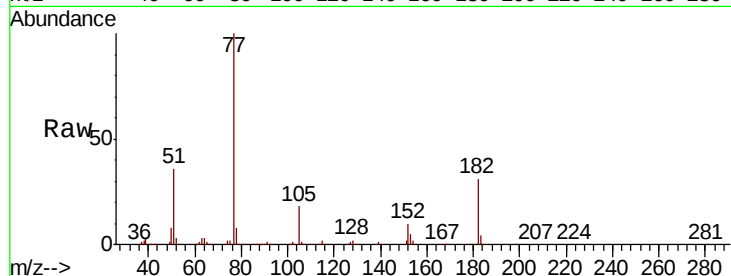




#63
Azobenzene
Concen: 38.556 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

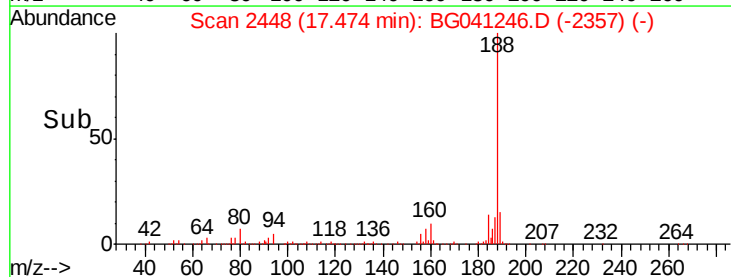
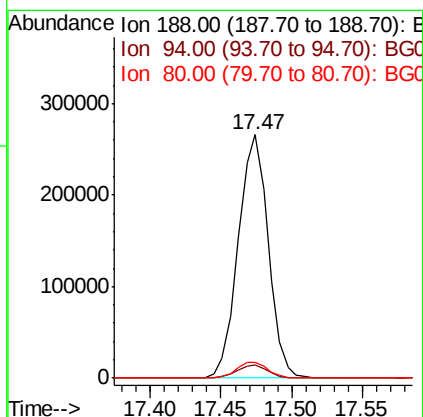
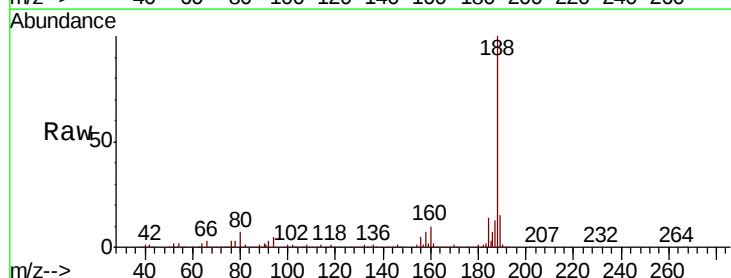
Instrument :
BNA_G
ClientSampleId :

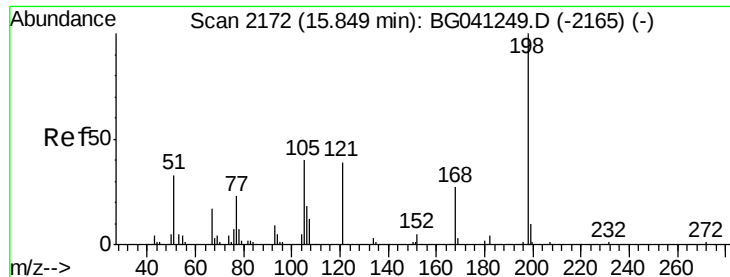
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.5	9.9	49.9	
105	18.3	0.0	38.7	
51	36.5	14.0	54.0	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.4	4.0	6.0	
80	6.7	5.5	8.3	





#65

4,6-Dinitro-2-methylphenol

Concen: 32.750 ng

RT: 15.85 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

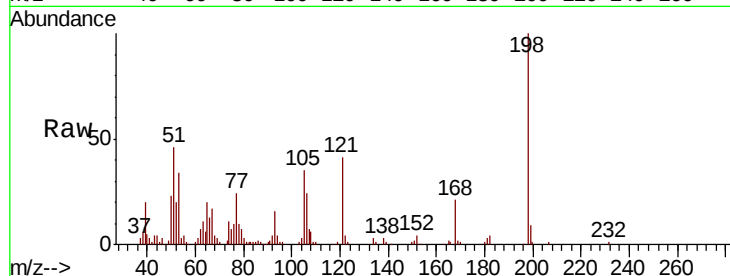
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 62045

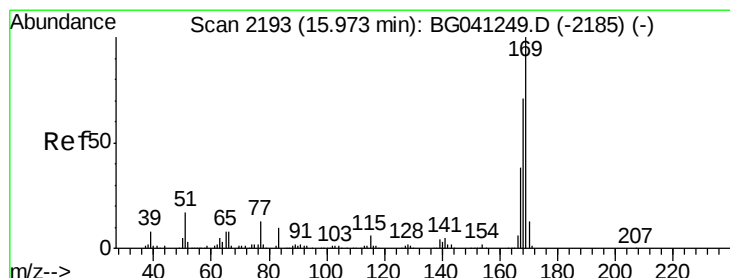
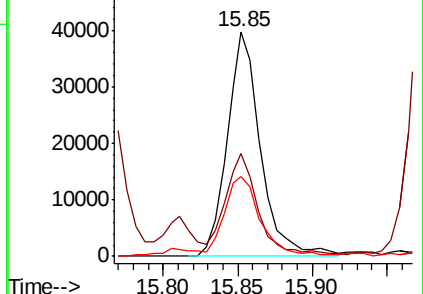
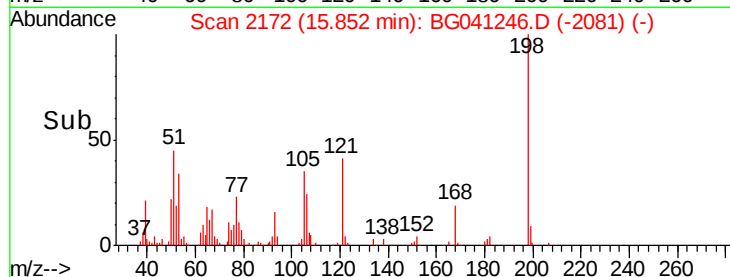
Ion	Ratio	Lower	Upper
198	100		
51	46.1	28.0	68.0
105	35.4	22.9	62.9



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: 40.080 ng

RT: 15.98 min Scan# 2193

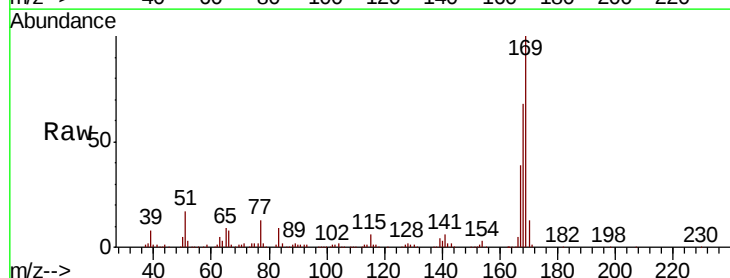
Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Tgt Ion:169 Resp: 444877

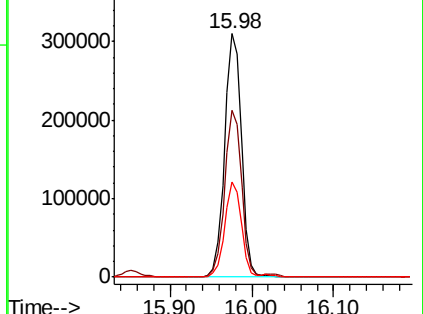
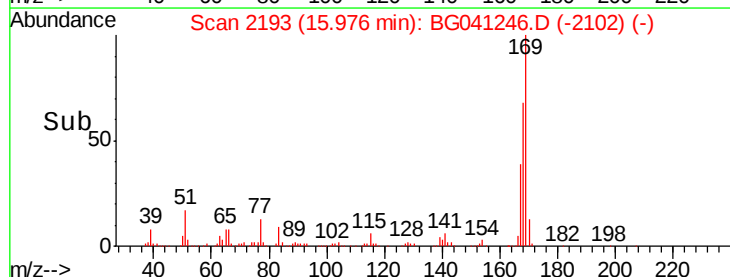
Ion	Ratio	Lower	Upper
169	100		
168	68.3	56.9	85.3
167	39.2	30.5	45.7

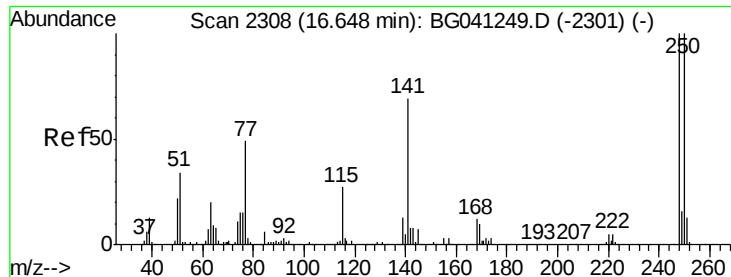


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

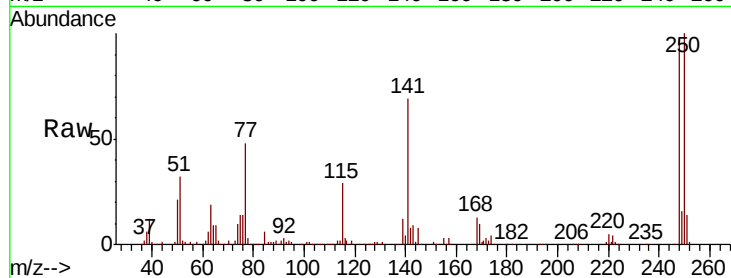




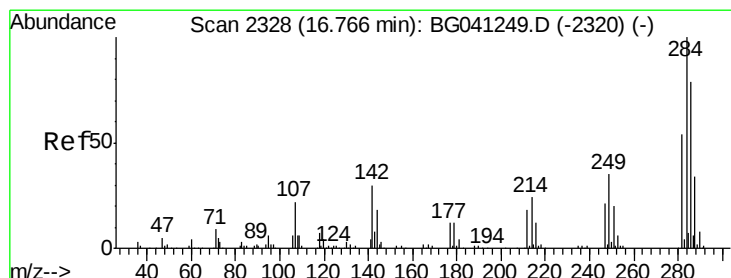
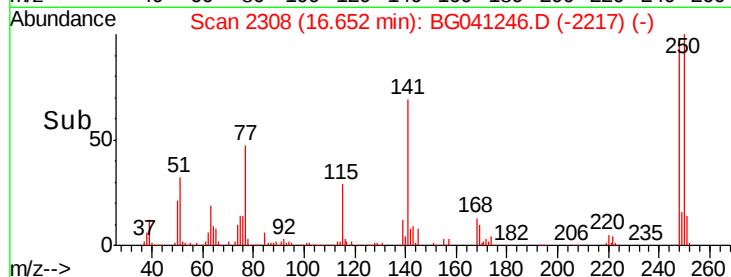
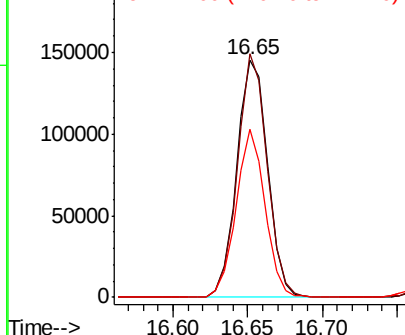
#67
4-Bromophenyl-phenylether
Concen: 39.174 ng
RT: 16.65 min Scan# 2308
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 208744
Ion Ratio Lower Upper
248 100
250 102.6 80.0 120.0
141 71.0 55.5 83.3

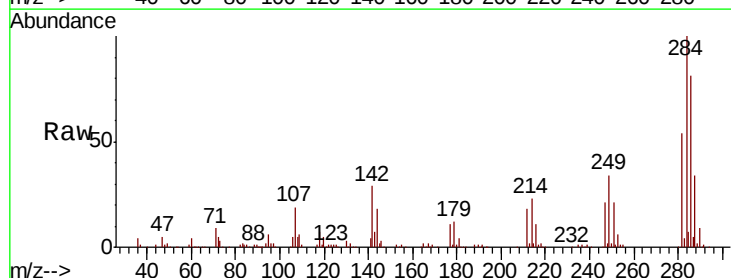


Abundance Ion 248.00 (247.70 to 248.70): E
200000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

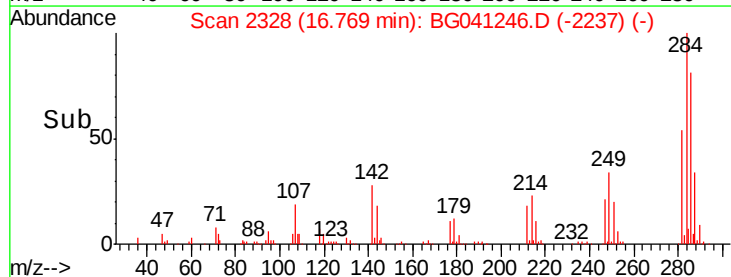
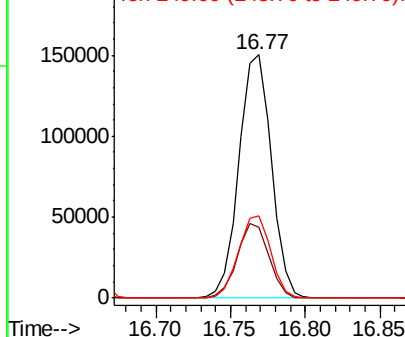


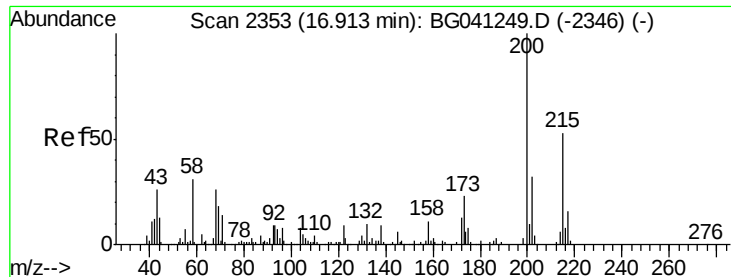
#68
Hexachlorobenzene
Concen: 39.947 ng
RT: 16.77 min Scan# 2328
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion:284 Resp: 226664
Ion Ratio Lower Upper
284 100
142 28.9 24.2 36.4
249 34.0 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
200000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.307 ng

RT: 16.92 min Scan# 2353

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

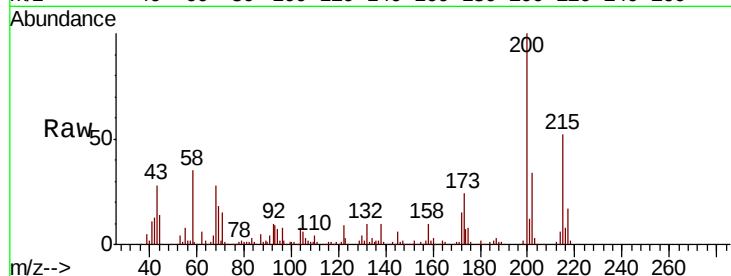
Instrument :

BNA_G

ClientSampleId :

Tot Ion:200 Resp: 164062

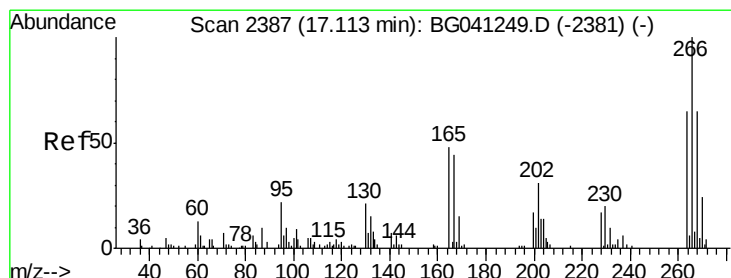
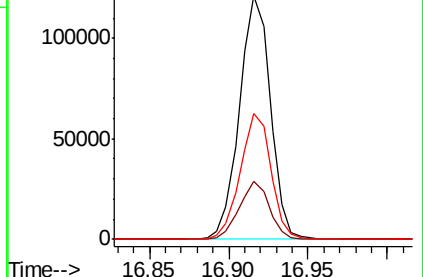
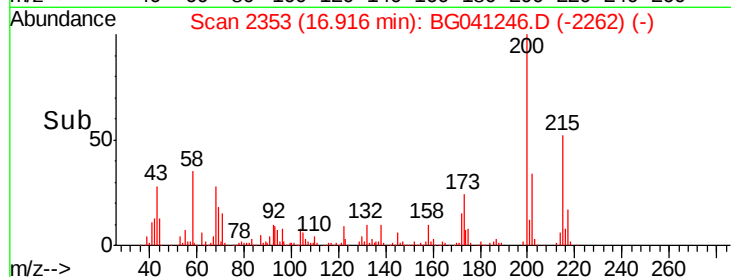
Ion	Ratio	Lower	Upper
200	100		
173	23.7	3.2	43.2
215	51.9	33.2	73.2



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: 34.880 ng

RT: 17.12 min Scan# 2387

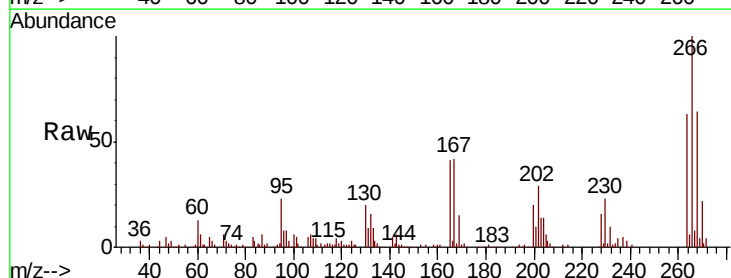
Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Tgt Ion:266 Resp: 95911

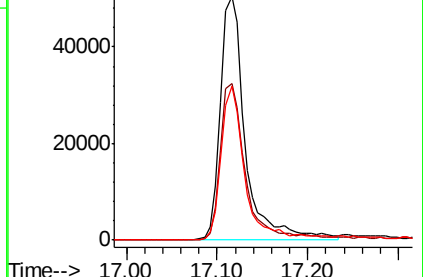
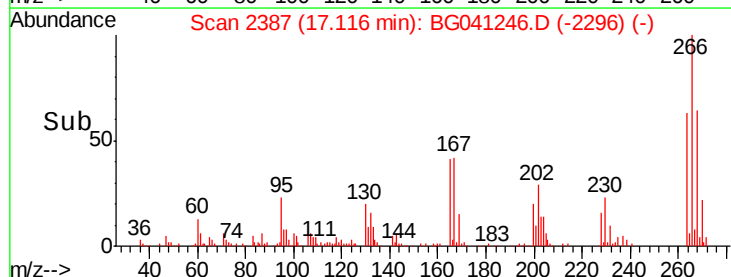
Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.7	77.5
264	63.5	51.8	77.8

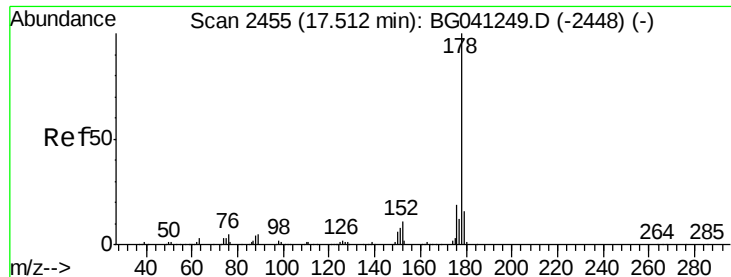


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

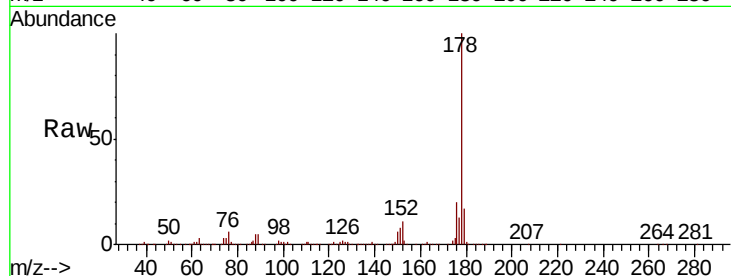




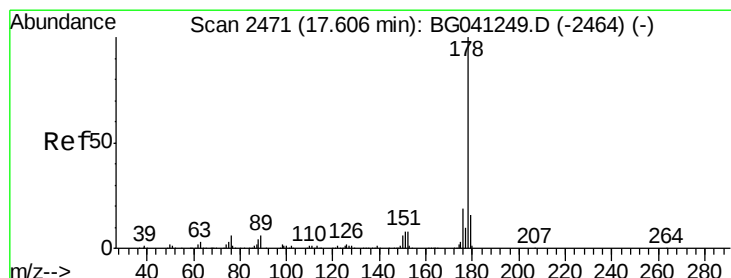
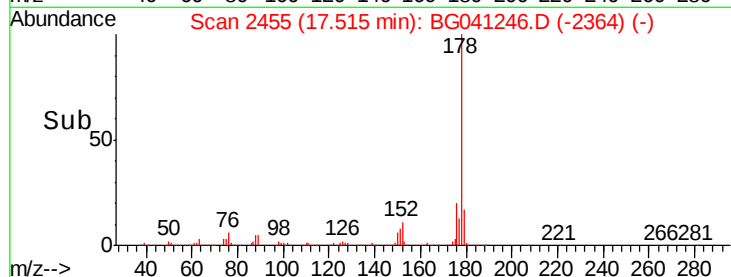
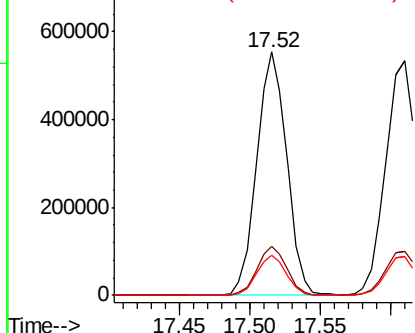
#71
Phenanthrene
Concen: 40.219 ng
RT: 17.52 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	16.5	13.0	19.6

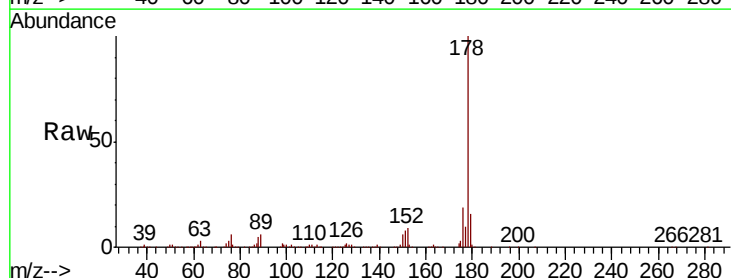


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

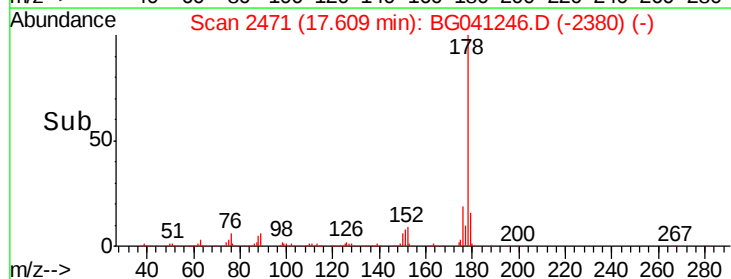
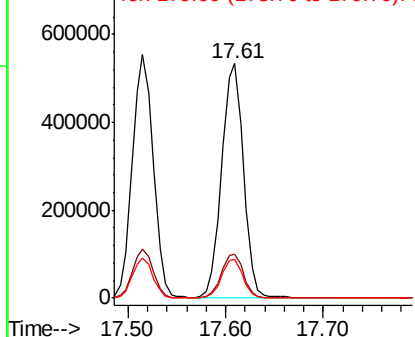


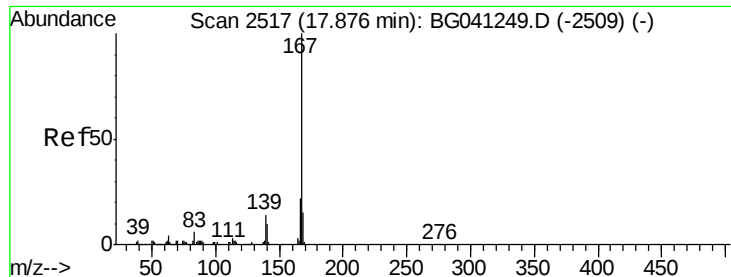
#72
Anthracene
Concen: 40.903 ng
RT: 17.61 min Scan# 2471
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	16.3	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: 40.954 ng

RT: 17.88 min Scan# 2517

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampleId :

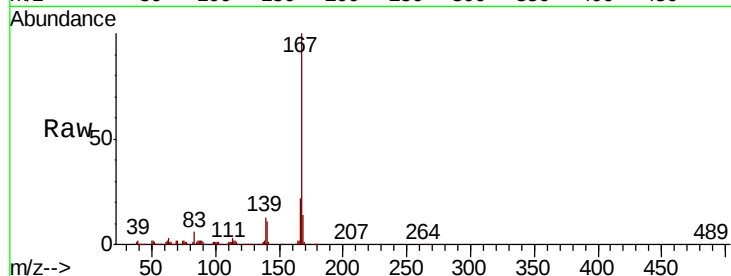
Tot Ion:167 Resp: 712811

Ion Ratio Lower Upper

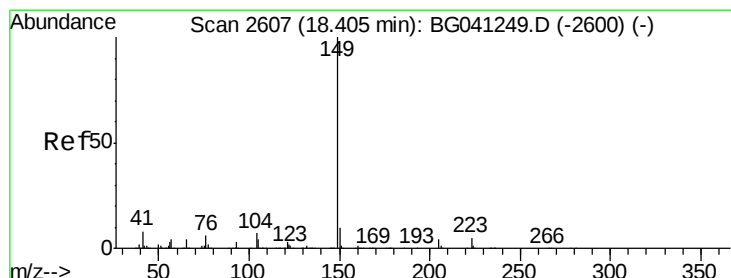
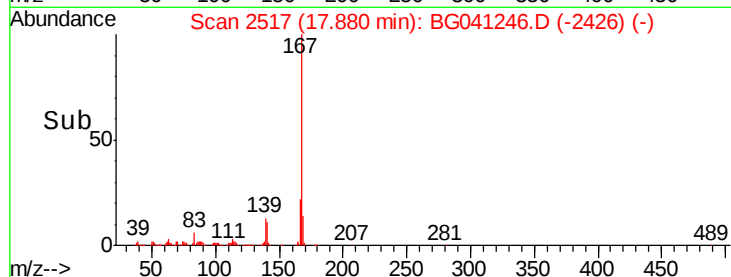
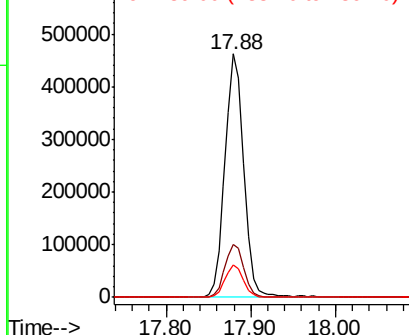
167 100

166 22.0 17.6 26.4

139 13.1 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: 40.715 ng

RT: 18.41 min Scan# 2607

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

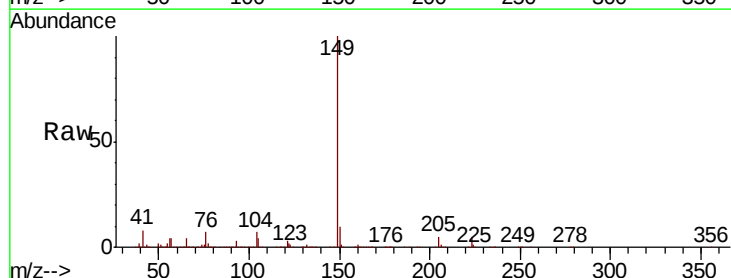
Tgt Ion:149 Resp: 880770

Ion Ratio Lower Upper

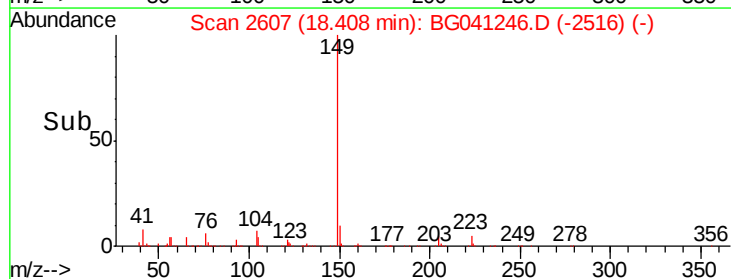
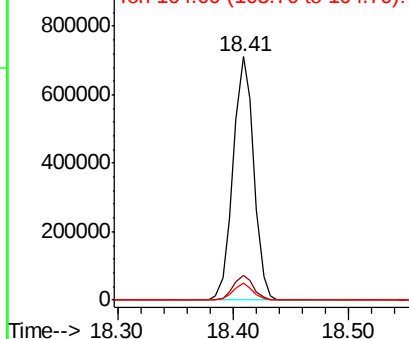
149 100

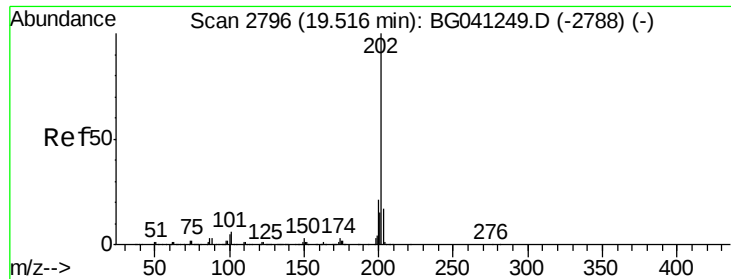
150 10.1 7.9 11.9

104 6.9 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: 41.314 ng

RT: 19.52 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampleId :

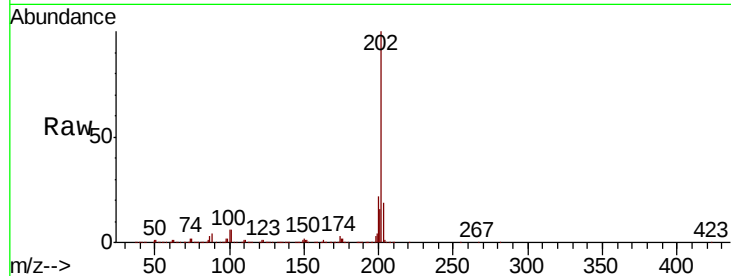
Tot Ion:202 Resp: 1049529

Ion Ratio Lower Upper

202 100

101 6.5 0.0 25.9

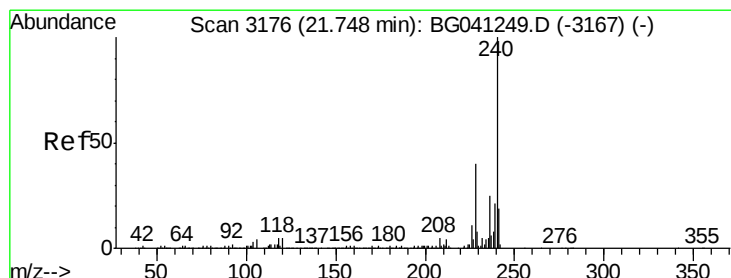
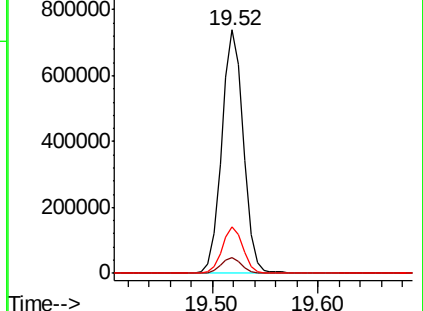
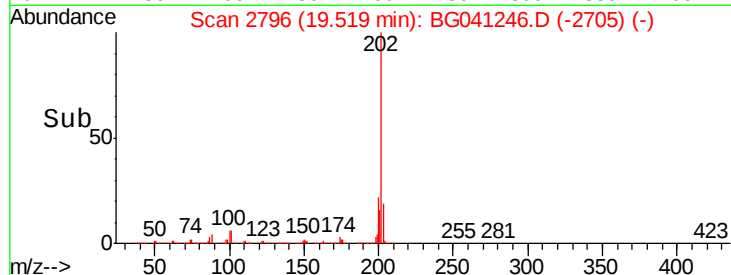
203 19.0 0.0 37.5



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: BG041246.D

Acq: 14 Jun 2019 9:44

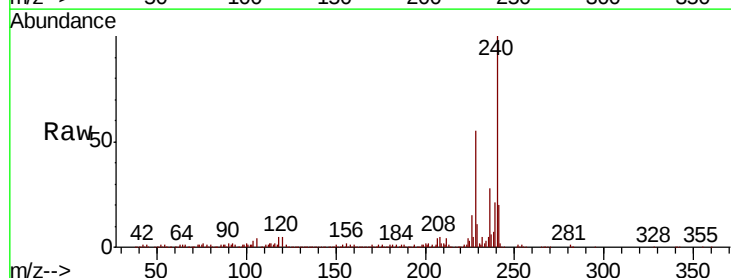
Tgt Ion:240 Resp: 379245

Ion Ratio Lower Upper

240 100

120 4.9 4.1 6.1

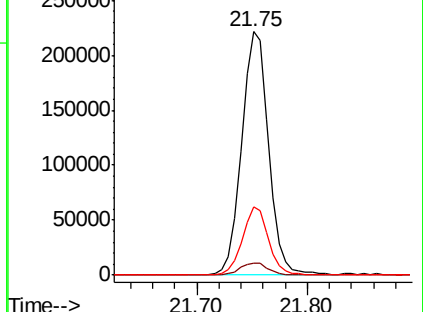
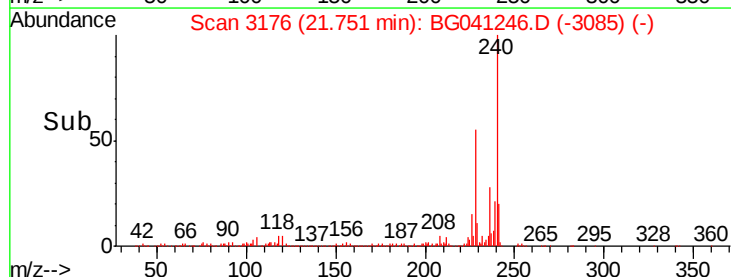
236 27.8 19.9 29.9

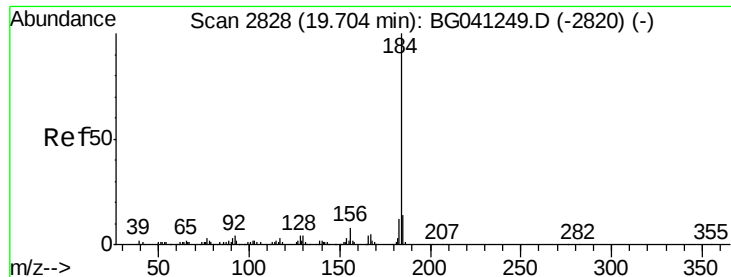


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.849 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

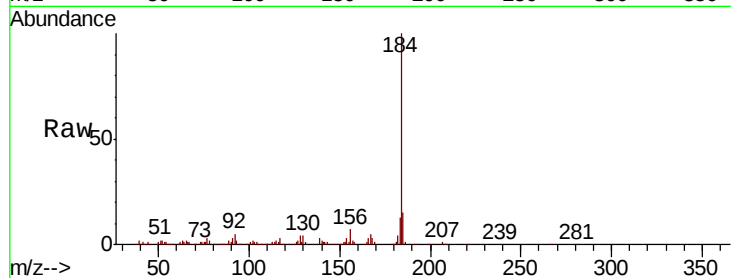
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 270041

Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.5	17.3
183	12.8	9.6	14.4

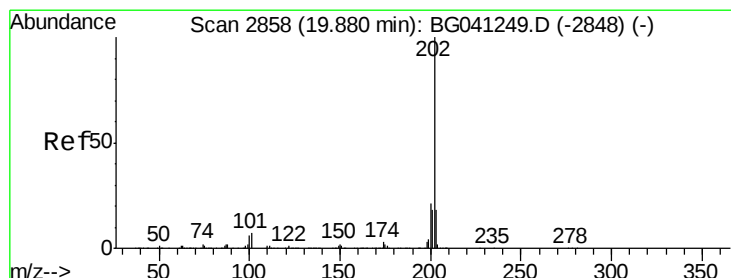
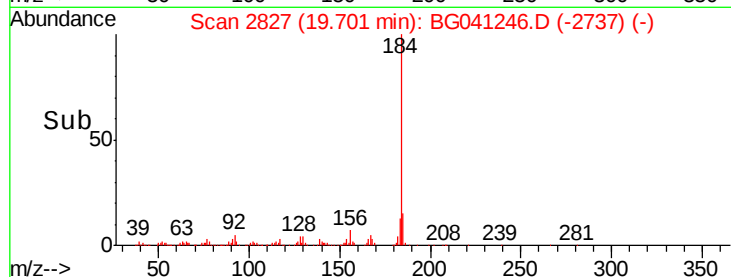
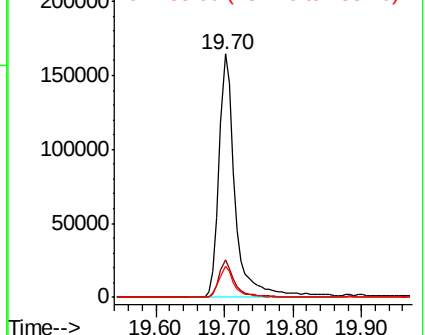


Abundance

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: 42.915 ng

RT: 19.88 min Scan# 2858

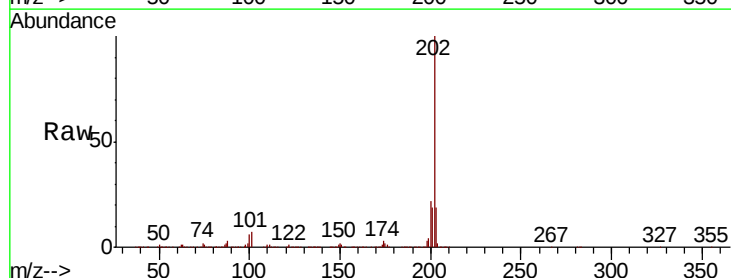
Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Tgt Ion:202 Resp: 1058014

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.0	25.4
203	19.2	14.5	21.7

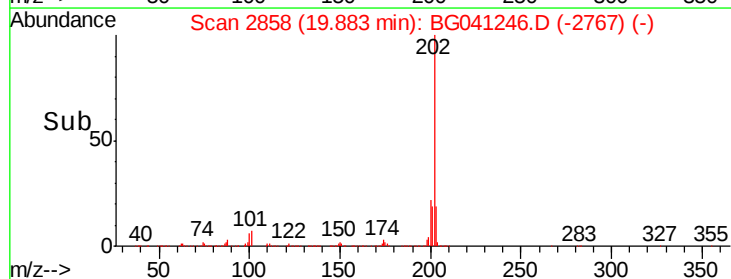
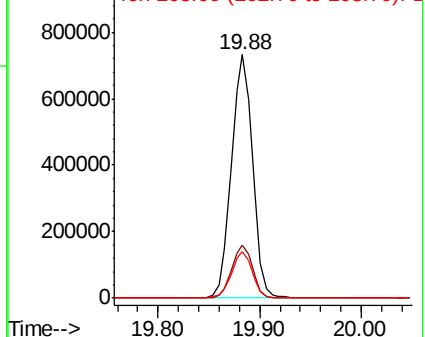


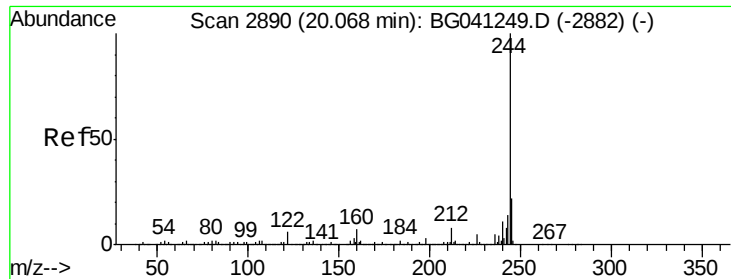
Abundance

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: 86.668 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampled :

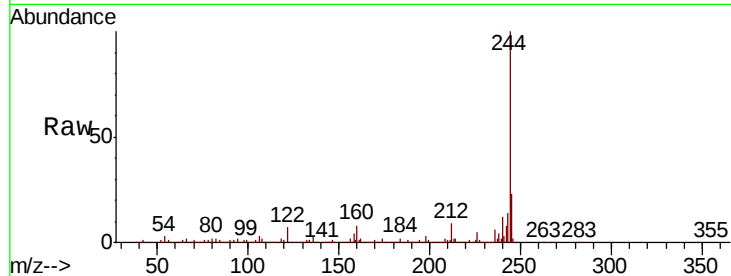
Tot Ion:244 Resp: 1548677

Ion Ratio Lower Upper

244 100

212 9.3 6.6 9.8

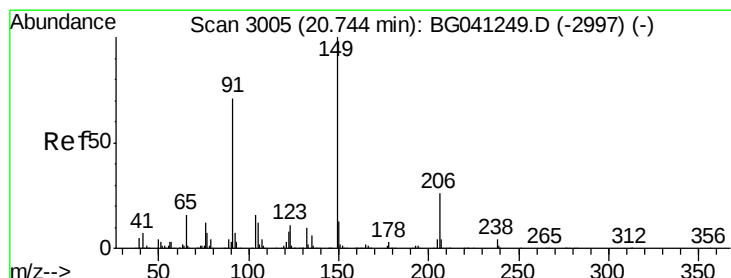
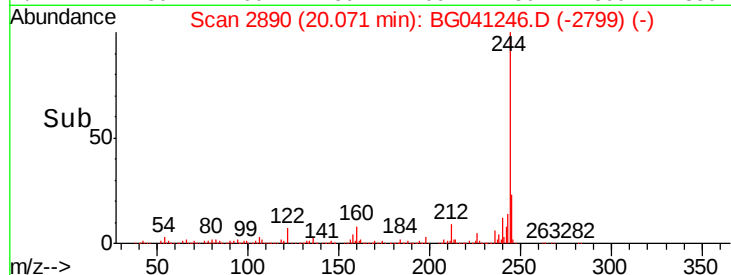
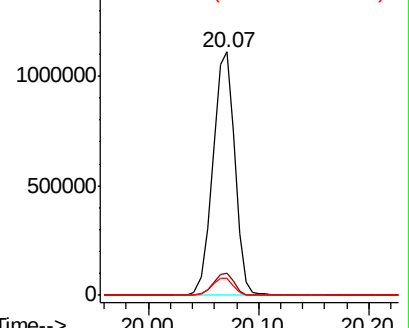
122 7.2 4.6 7.0#



Abundance Ion 244.00 (243.70 to 244.70): E

1500000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.668 ng

RT: 20.75 min Scan# 3005

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

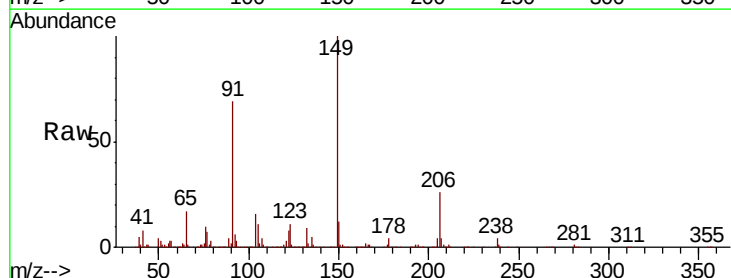
Tgt Ion:149 Resp: 418954

Ion Ratio Lower Upper

149 100

91 69.2 56.5 84.7

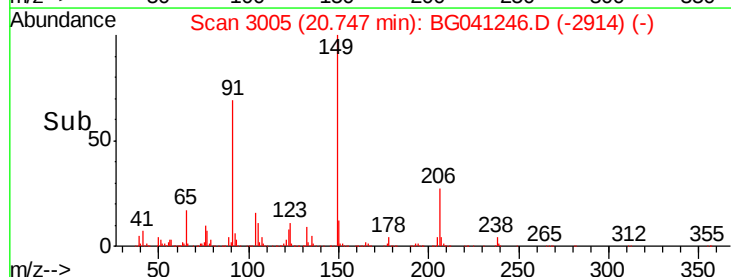
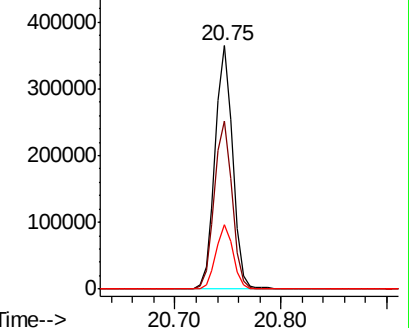
206 26.5 21.0 31.4

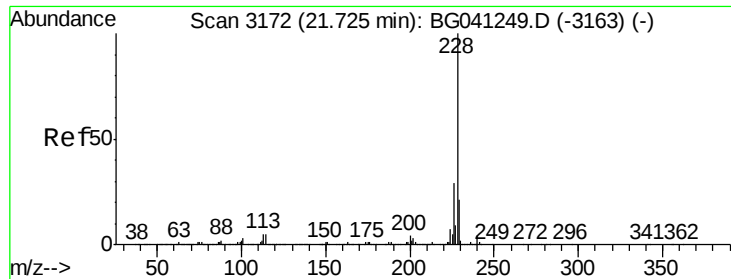


Abundance Ion 149.00 (148.70 to 149.70): E

500000 Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.988 ng

RT: 21.73 min Scan# 3173

Delta R.T. 0.01 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampleId :

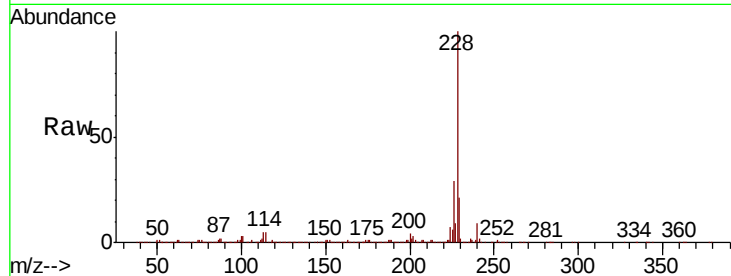
Tot Ion:228 Resp: 1034735

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.1	34.7
229	20.5	16.6	24.8

228 100

226 28.8 23.1 34.7

229 20.5 16.6 24.8

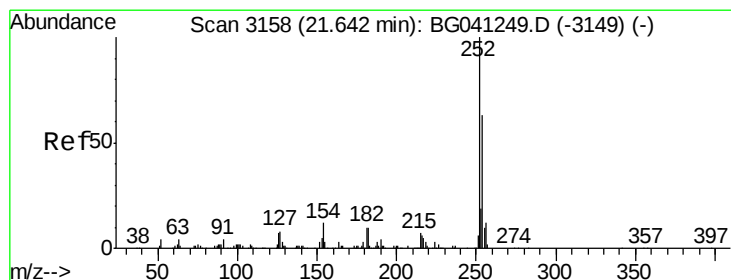
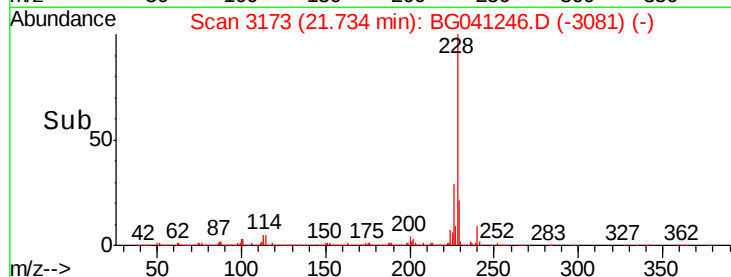
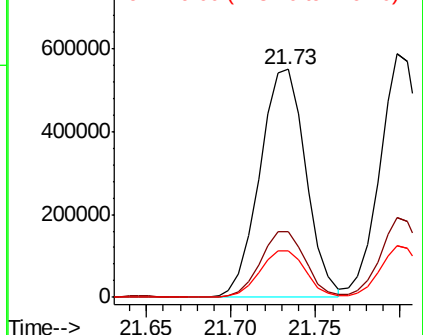


Abundance

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: 39.132 ng

RT: 21.65 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

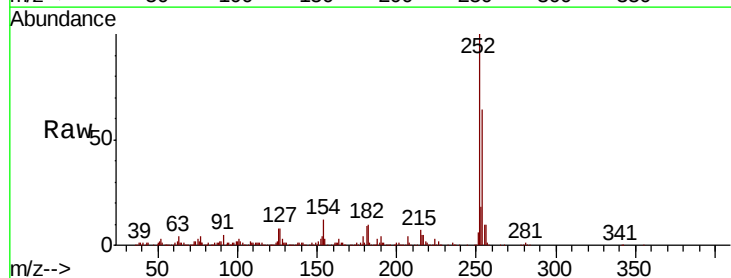
Tgt Ion:252 Resp: 347465

Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.7	76.1
126	7.6	5.3	7.9

252 100

254 63.6 50.7 76.1

126 7.6 5.3 7.9

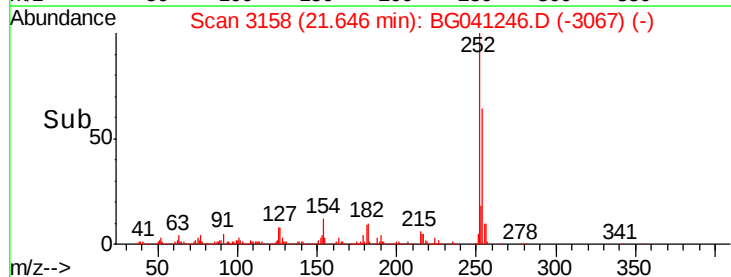
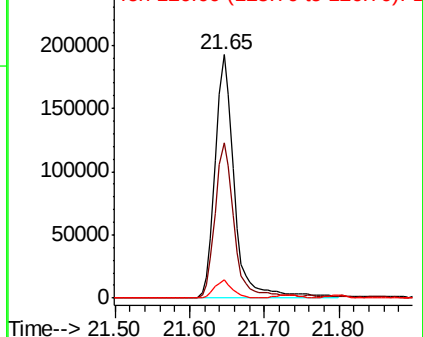


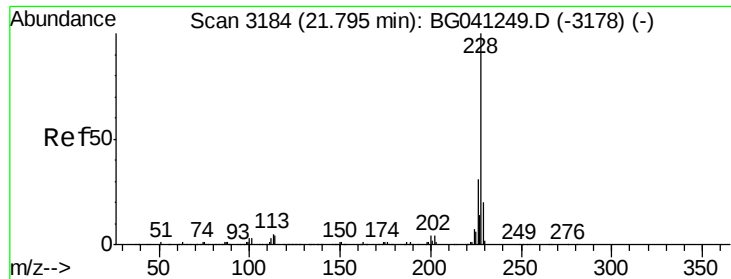
Abundance

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: 42.120 ng

RT: 21.80 min Scan# 3184

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

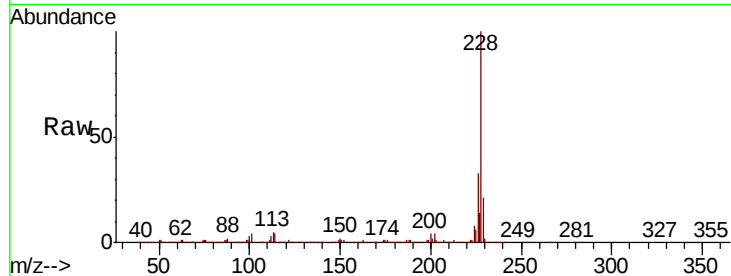
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1017555

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.8	37.2
229	21.4	15.8	23.6

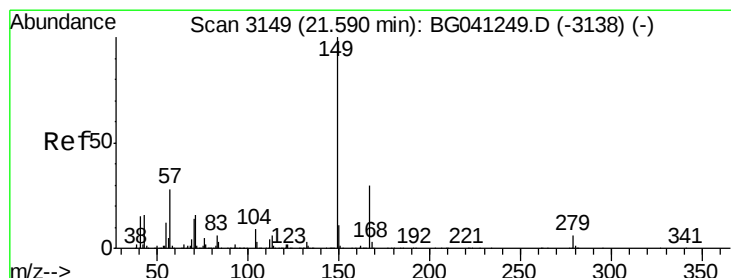
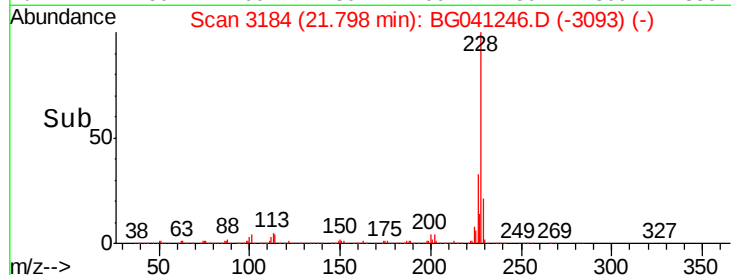
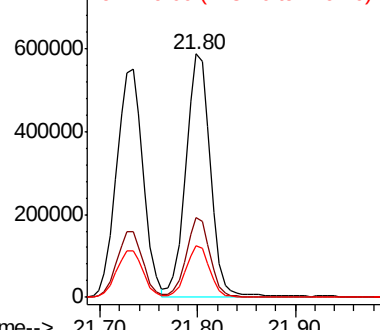


Abundance

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: 42.533 ng

RT: 21.60 min Scan# 3150

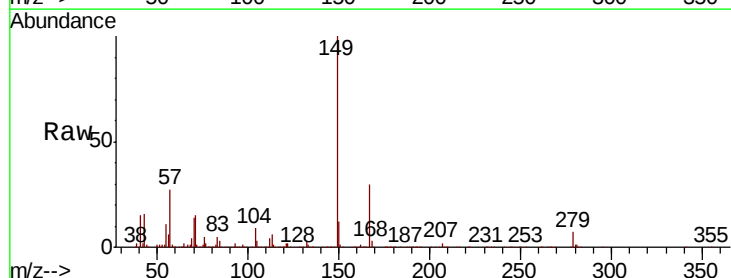
Delta R.T. 0.01 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Tgt Ion:149 Resp: 574441

Ion	Ratio	Lower	Upper
149	100		
167	30.0	23.8	35.8
279	7.2	4.6	7.0

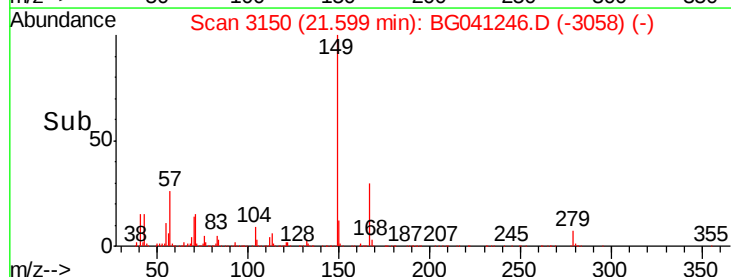
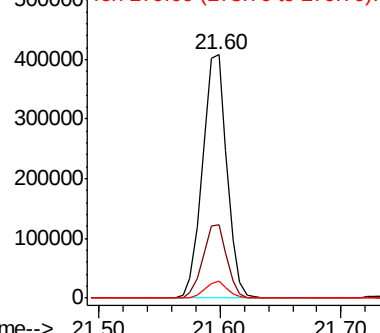


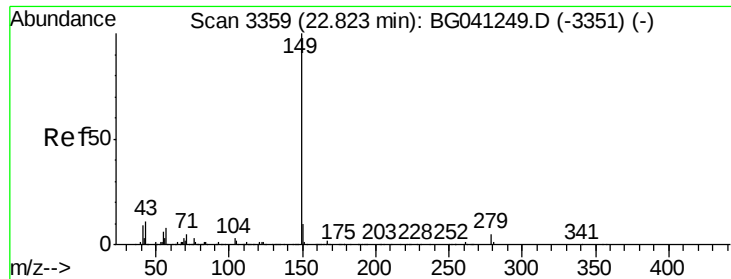
Abundance

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: 42.998 ng

RT: 22.83 min Scan# 3360

Delta R.T. 0.01 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampleId :

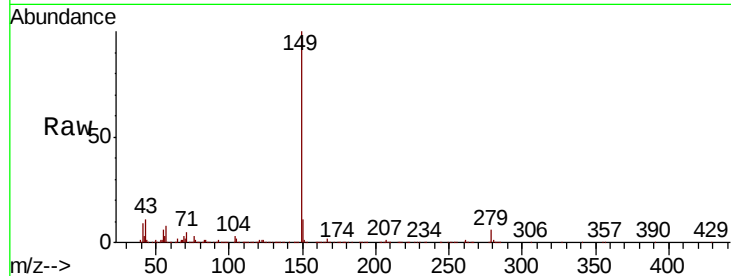
Tot Ion:149 Resp: 967156

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

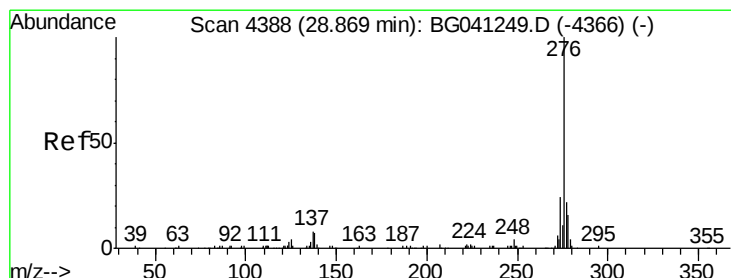
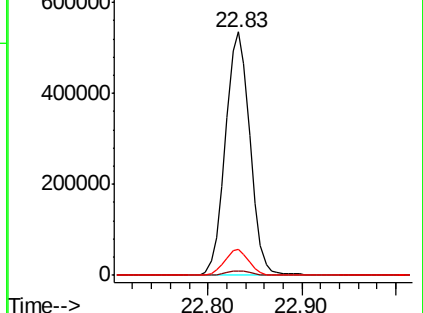
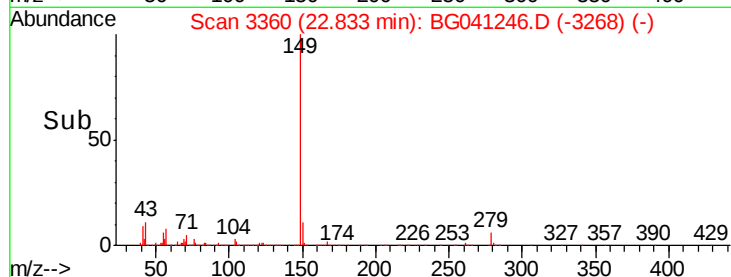
43 10.3 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 21.265 ng

RT: 28.90 min Scan# 4392

Delta R.T. 0.03 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

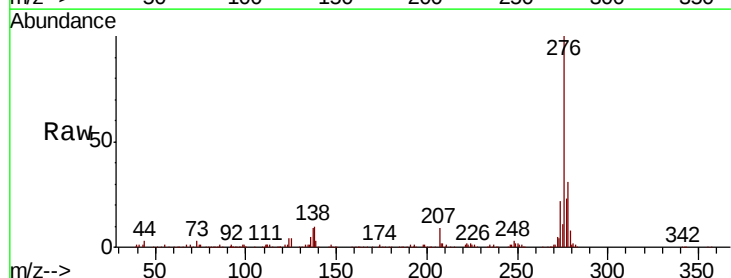
Tgt Ion:276 Resp: 629301

Ion Ratio Lower Upper

276 100

138 6.8 3.0 4.6#

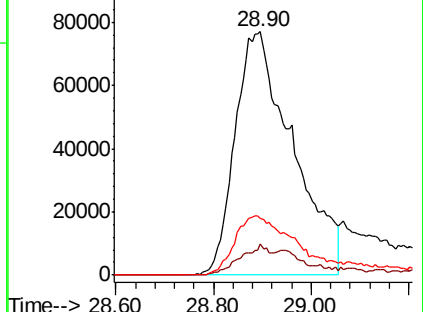
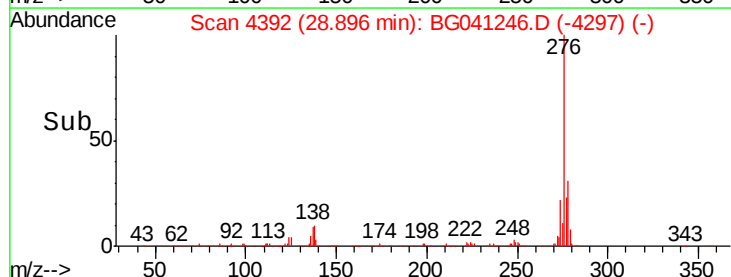
277 25.7 6.8 10.2#

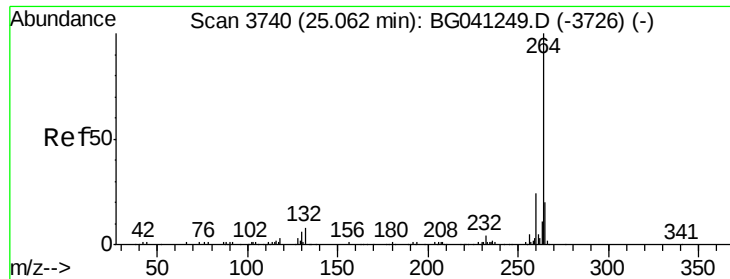


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3741

Delta R.T. 0.01 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampleId :

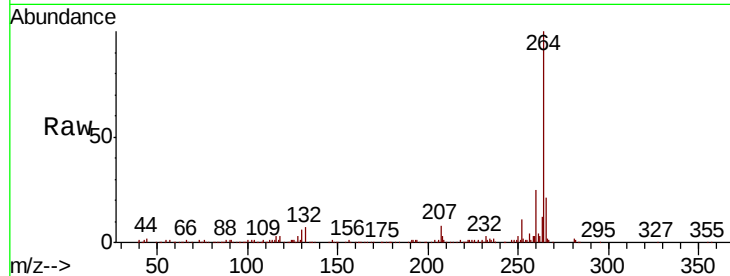
Tot Ion:264 Resp: 351495

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

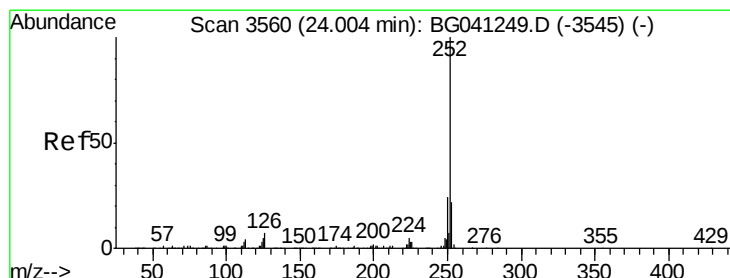
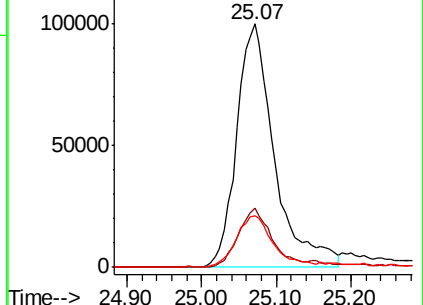
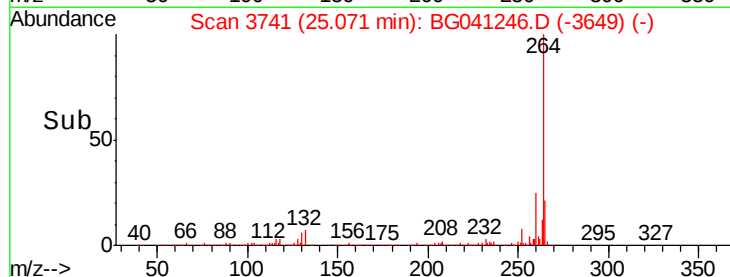
265 21.2 16.5 24.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.987 ng

RT: 24.01 min Scan# 3560

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

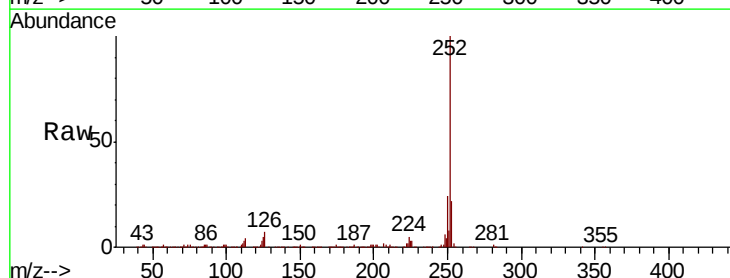
Tgt Ion:252 Resp: 895142

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

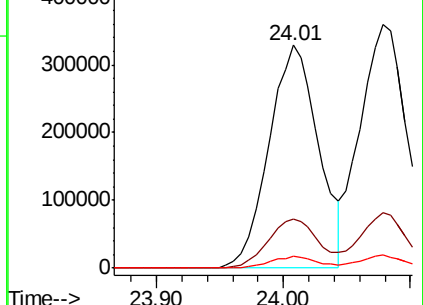
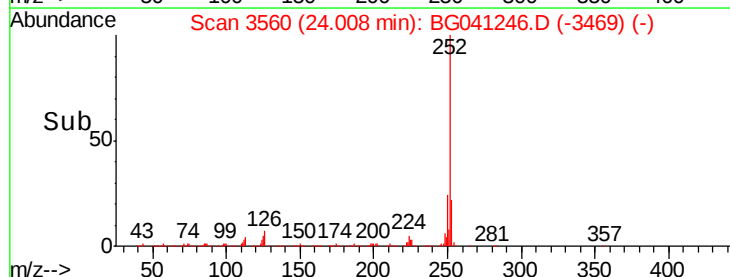
125 5.4 4.1 6.1

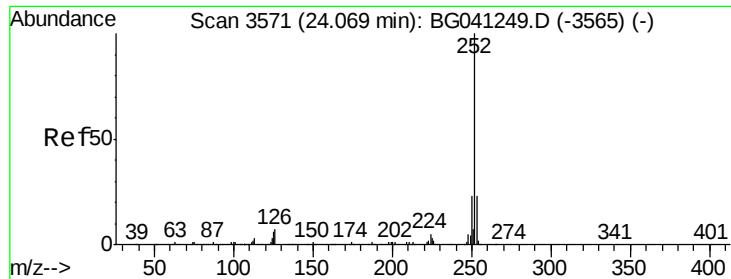


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.298 ng

RT: 24.08 min Scan# 3572

Delta R.T. 0.01 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampled :

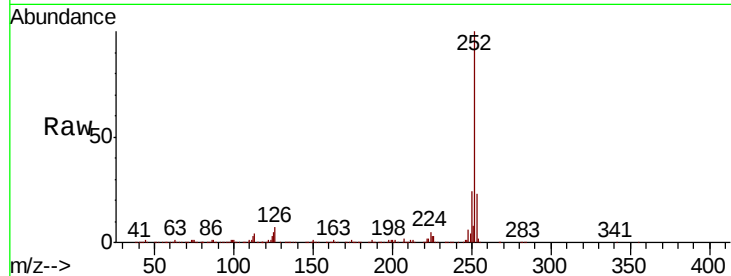
Tot Ion:252 Resp: 1040043

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

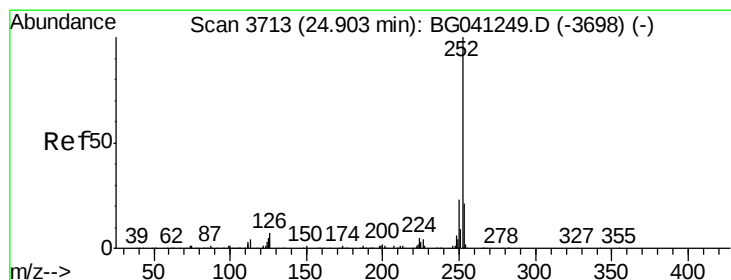
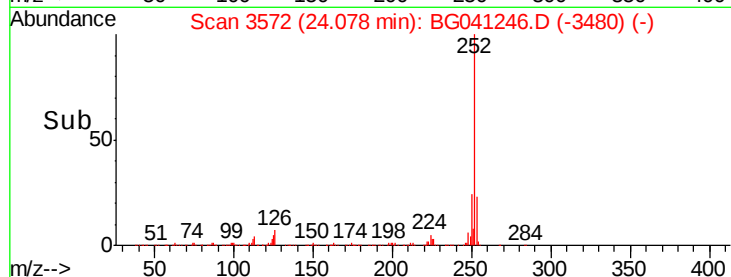
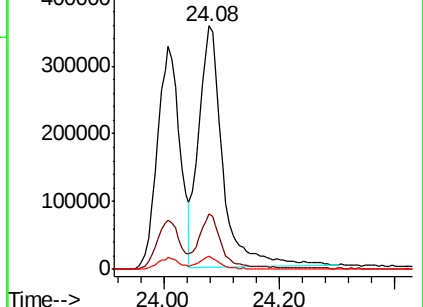
125 5.4 4.2 6.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.991 ng

RT: 24.92 min Scan# 3715

Delta R.T. 0.01 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

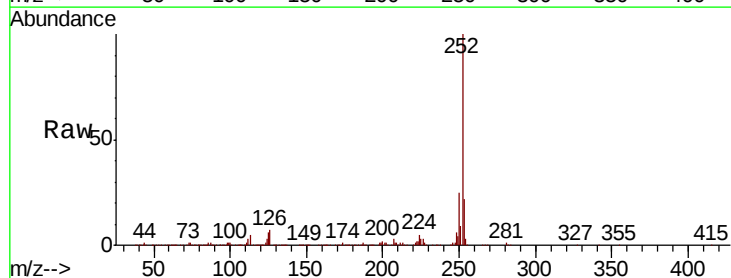
Tgt Ion:252 Resp: 874452

Ion Ratio Lower Upper

252 100

253 21.9 16.7 25.1

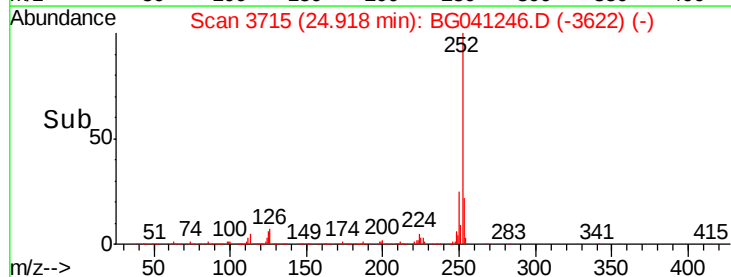
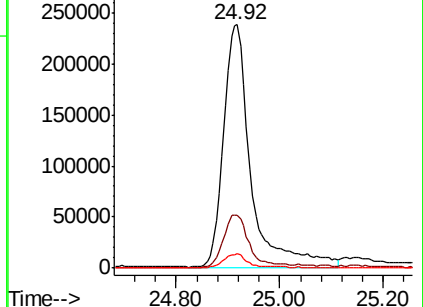
125 5.9 4.2 6.2

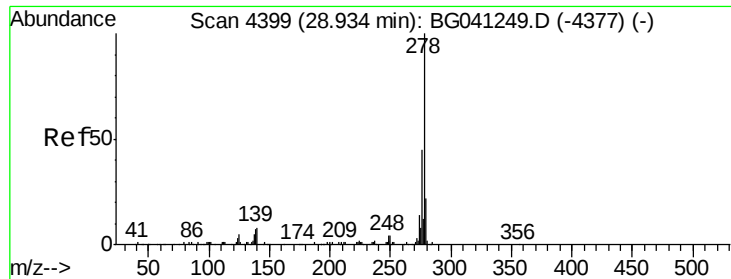


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



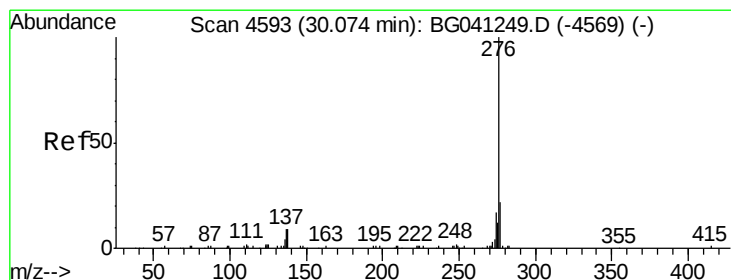
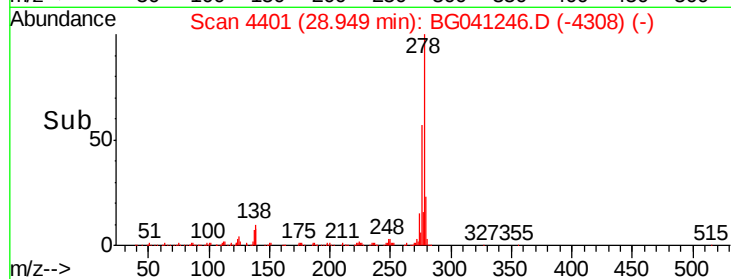
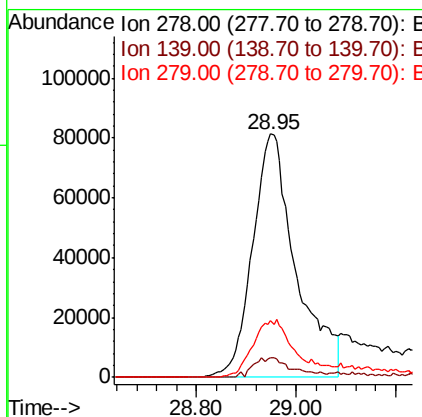
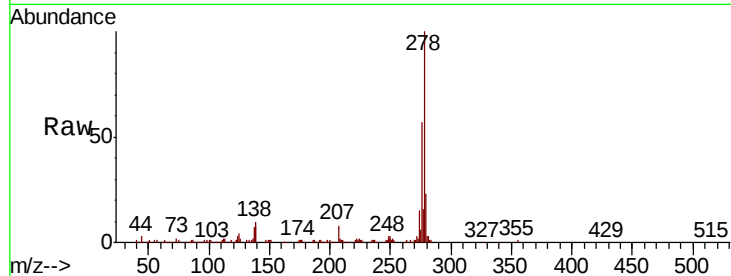


#91
Dibenzo(a,h)anthracene
Concen: 24.266 ng
RT: 28.95 min Scan# 4401
Delta R.T. 0.01 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 493195

Ion	Ratio	Lower	Upper
278	100		
139	8.0	6.2	9.2
279	23.2	17.6	26.4



#92
Benzo(g,h,i)perylene
Concen: 23.104 ng
RT: 30.09 min Scan# 4595
Delta R.T. 0.01 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion:276 Resp: 456199

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.0	27.0
138	8.8	8.4	12.6

