

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061419\
 Data File : BG041247.D
 Acq On : 14 Jun 2019 10:31
 Operator : HP/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 14 13:19:33 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	33669	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	157376	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	108380	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	251814	20.00	ng	0.00
76) Chrysene-d12	21.75	240	243005	20.00	ng	0.00
87) Perylene-d12	25.07	264	202228	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	34044	18.23	ng	0.00
7) Phenol-d6	7.24	99	54206	18.80	ng	0.00
23) Nitrobenzene-d5	9.27	82	66981	18.89	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	25500	15.85	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	168840	22.43	ng	0.00
79) Terphenyl-d14	20.06	244	270392	23.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	7024	8.290	ng	93
3) Pyridine	3.90	79	20196	8.056	ng	88
4) n-Nitrosodimethylamine	3.82	42	9107	7.827	ng	# 90
6) Aniline	7.41	93	35929	9.334	ng	95
8) 2-Chlorophenol	7.65	128	22792	10.239	ng	85
9) Benzaldehyde	7.24	77	20783	12.082	ng	96
10) Phenol	7.27	94	29367	9.498	ng	99
11) bis(2-Chloroethyl)ether	7.51	93	22161	9.880	ng	97
12) 1,3-Dichlorobenzene	7.98	146	26959	10.140	ng	95
13) 1,4-Dichlorobenzene	8.13	146	28137	10.455	ng	99
14) 1,2-Dichlorobenzene	8.45	146	26131	10.000	ng	93
15) Benzyl Alcohol	8.33	79	24797	9.296	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	34843	9.507	ng	99
17) 2-Methylphenol	8.53	107	22573	10.083	ng	95
18) Hexachloroethane	9.17	117	10671	10.288	ng	95
19) n-Nitroso-di-n-propylamine	8.89	70	21913	9.875	ng	96
20) 3+4-Methylphenols	8.86	107	29937	9.654	ng	98
22) Acetophenone	8.93	105	43011	9.743	ng	# 97
24) Nitrobenzene	9.31	77	35060	9.705	ng	97
25) Isophorone	9.83	82	60430	8.957	ng	97
26) 2-Nitrophenol	10.03	139	13739	9.225	ng	90
27) 2,4-Dimethylphenol	10.07	122	23468	9.541	ng	81
28) bis(2-Chloroethoxy)methane	10.31	93	33071	9.082	ng	97
29) 2,4-Dichlorophenol	10.56	162	29022	9.291	ng	95
30) 1,2,4-Trichlorobenzene	10.77	180	34784	9.789	ng	91
31) Naphthalene	10.96	128	82119	9.719	ng	97
32) Benzoic acid	10.19	122	1169	0.666	ng	# 83
33) 4-Chloroaniline	11.08	127	33709	8.598	ng	93
34) Hexachlorobutadiene	11.22	225	26411	9.714	ng	98
35) Caprolactam	11.84	113	7403	7.177	ng	92
36) 4-Chloro-3-methylphenol	12.19	107	29070	8.149	ng	93
37) 2-Methylnaphthalene	12.56	142	60877	9.354	ng	98
38) 1-Methylnaphthalene	12.56	142	60877	9.927	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	46550	10.656	ng	98

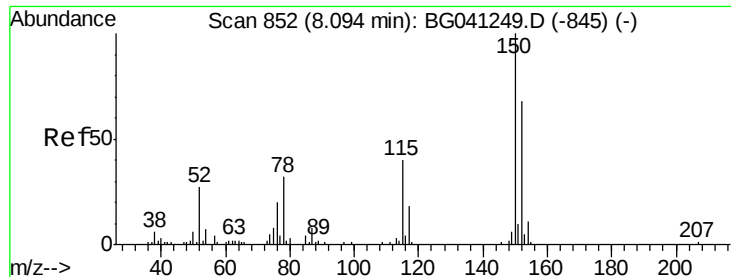
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061419\
 Data File : BG041247.D
 Acq On : 14 Jun 2019 10:31
 Operator : HP/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 14 13:19:33 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)
41) Hexachlorocyclopentadiene	12.89	237	13207	6.748	ng	94
43) 2,4,6-Trichlorophenol	13.16	196	26138	9.249	ng	96
44) 2,4,5-Trichlorophenol	13.24	196	25918	8.696	ng	92
46) 1,1'-Biphenyl	13.56	154	83735	10.438	ng	99
47) 2-Chloronaphthalene	13.61	162	73321	10.646	ng	94
48) 2-Nitroaniline	13.82	65	23753	9.614	ng	95
49) Acenaphthylene	14.45	152	106125	10.238	ng	99
50) Dimethylphthalate	14.17	163	91076	9.927	ng	99
51) 2,6-Dinitrotoluene	14.30	165	18845	9.527	ng	97
52) Acenaphthene	14.79	154	62986	10.031	ng	97
53) 3-Nitroaniline	14.64	138	17170	8.680	ng	99
54) 2,4-Dinitrophenol	14.89	184	285	0.372	ng	# 58
55) Dibenzofuran	15.12	168	105285	9.964	ng	99
56) 4-Nitrophenol	14.96	139	4667	3.440	ng	# 76
57) 2,4-Dinitrotoluene	15.09	165	25171	9.008	ng	# 96
58) Fluorene	15.77	166	82026	9.748	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.34	232	20193	6.894	ng	# 91
60) Diethylphthalate	15.52	149	89337	9.542	ng	98
61) 4-Chlorophenyl-phenylether	15.75	204	53997	9.873	ng	95
62) 4-Nitroaniline	15.81	138	12358	5.901	ng	93
63) Azobenzene	16.05	77	79505	9.343	ng	97
65) 4,6-Dinitro-2-methylphenol	15.86	198	2971	2.459	ng	95
66) n-Nitrosodiphenylamine	15.97	169	70052	9.896	ng	96
67) 4-Bromophenyl-phenylether	16.65	248	31971	9.408	ng	90
68) Hexachlorobenzene	16.76	284	38322	10.590	ng	98
69) Atrazine	16.91	200	28832	10.556	ng	96
70) Pentachlorophenol	17.13	266	5684	3.241	ng	90
71) Phenanthrene	17.51	178	138285	10.543	ng	96
72) Anthracene	17.61	178	133647	10.331	ng	99
73) Carbazole	17.88	167	111868	10.078	ng	100
74) Di-n-butylphthalate	18.40	149	140951	10.217	ng	98
75) Fluoranthene	19.52	202	173792	10.727	ng	99
77) Benzidine	19.71	184	41501	7.159	ng	96
78) Pyrene	19.88	202	179322	11.352	ng	95
80) Butylbenzylphthalate	20.74	149	64404	10.476	ng	98
81) Benzo(a)anthracene	21.72	228	163035	10.079	ng	96
82) 3,3'-Dichlorobenzidine	21.65	252	45893	8.066	ng	98
83) Chrysene	21.79	228	164649	10.636	ng	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	89179	10.305	ng	99
85) Di-n-octyl phthalate	22.83	149	146509	10.165	ng	100
86) Indeno(1,2,3-cd)pyrene	28.86	276	27537	1.452	ng	# 60
88) Benzo(b)fluoranthene	24.00	252	111030	9.052	ng	# 99
89) Benzo(k)fluoranthene	24.07	252	149482	12.315	ng	# 98
90) Benzo(a)pyrene	24.91	252	118004	10.084	ng	94
91) Dibenzo(a,h)anthracene	28.95	278	56578	4.839	ng	97
92) Benzo(g,h,i)perylene	30.08	276	31160	2.743	ng	99

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

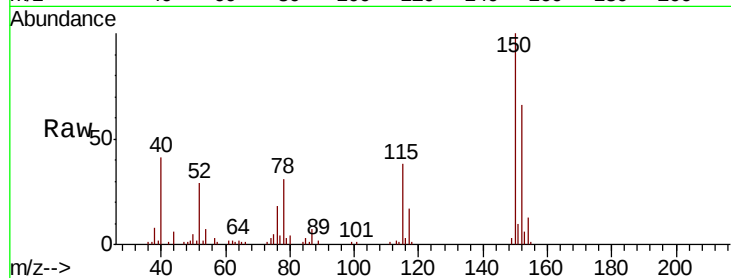


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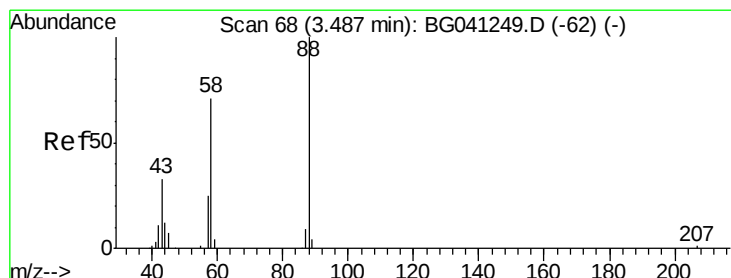
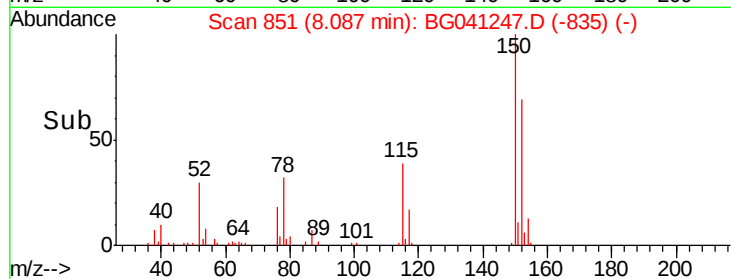
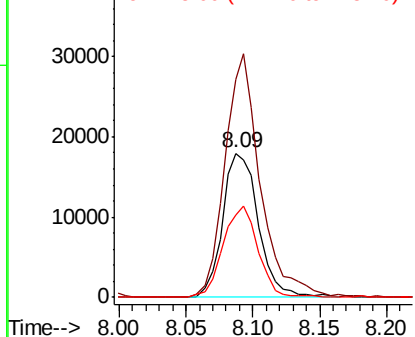
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33669
Ion Ratio Lower Upper
152 100
150 150.8 118.6 177.8
115 56.9 47.7 71.5



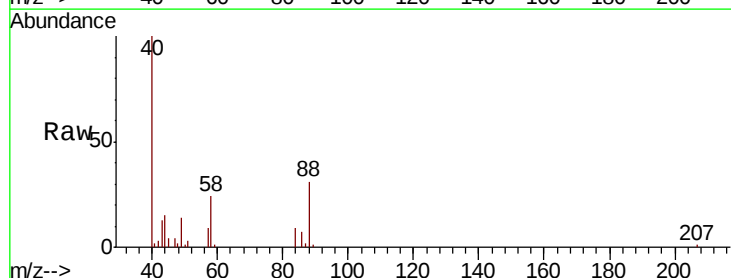
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



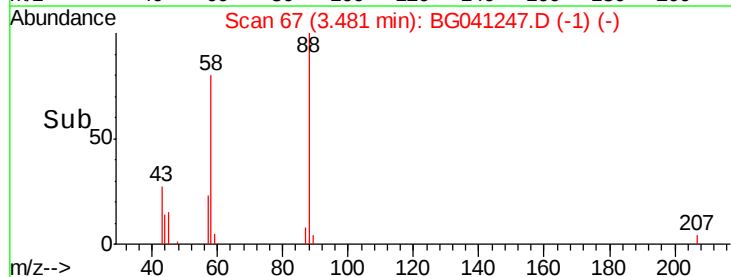
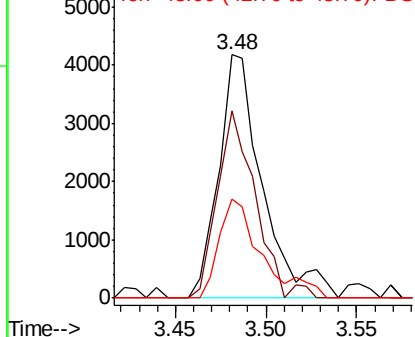
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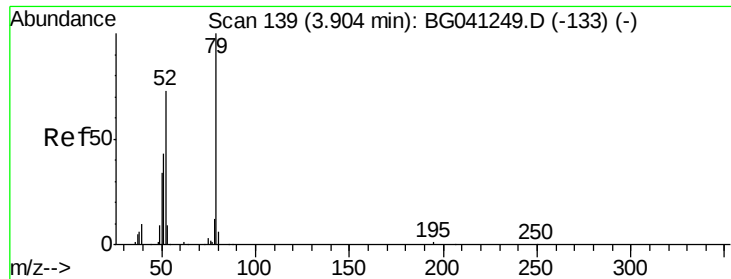
1,4-Dioxane
Concen: 8.290 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Tgt Ion: 88 Resp: 7024
Ion Ratio Lower Upper
88 100
58 66.9 57.5 86.3
43 39.6 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: 8.056 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_G

ClientSampleId :

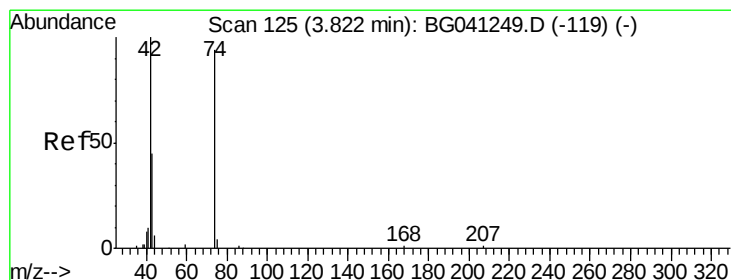
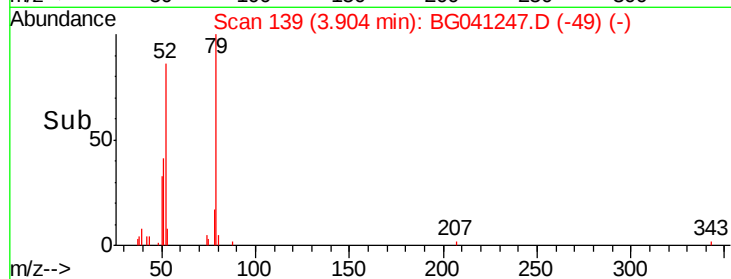
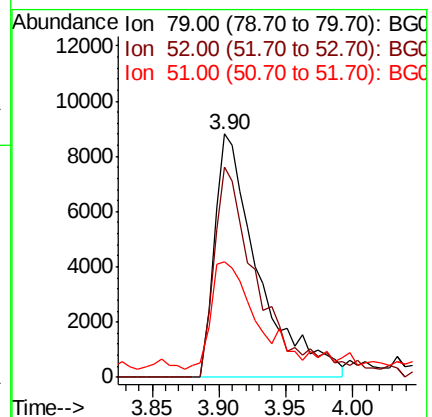
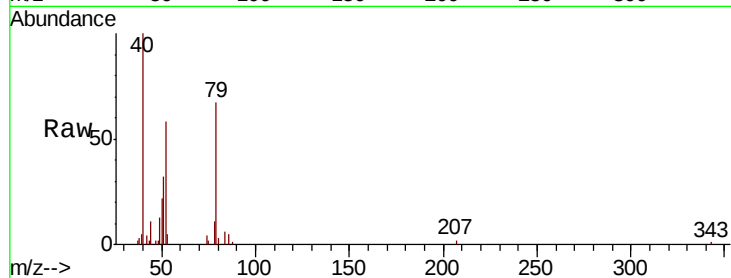
Tot Ion: 79 Resp: 20196

Ion Ratio Lower Upper

79 100

52 86.1 58.2 87.4

51 47.7 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 7.827 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

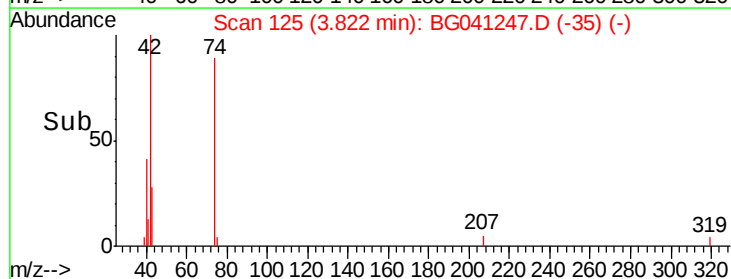
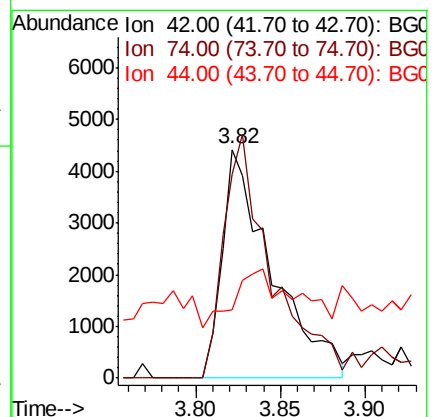
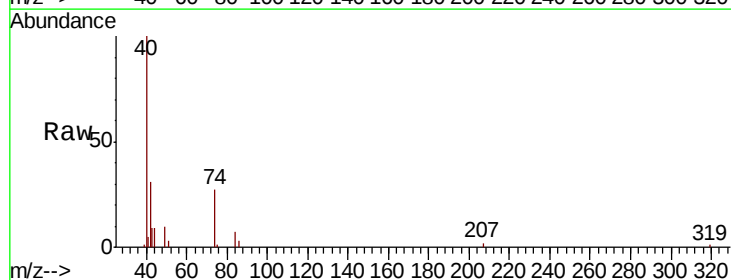
Tgt Ion: 42 Resp: 9107

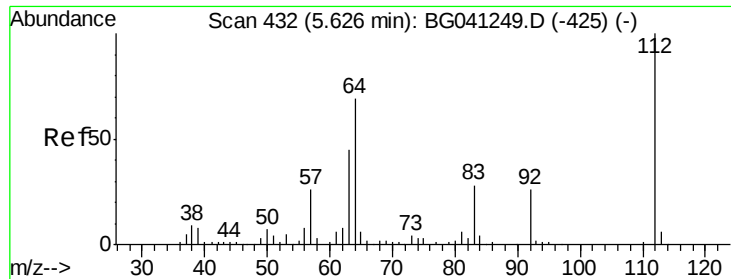
Ion Ratio Lower Upper

42 100

74 89.2 75.2 112.8

44 29.6 9.4 14.2#





#5

2-Fluorophenol

Concen: 18.233 ng

RT: 5.63 min Scan# 432

Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_G

ClientSampled :

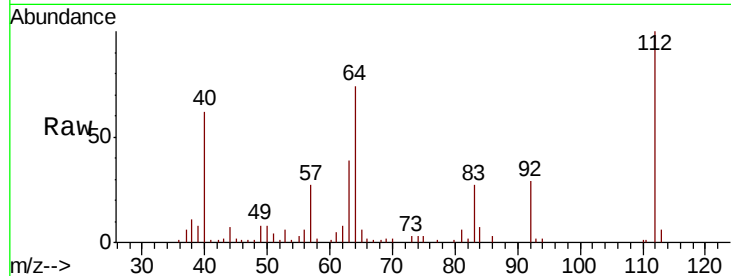
Tot Ion:112 Resp: 34044

Ion Ratio Lower Upper

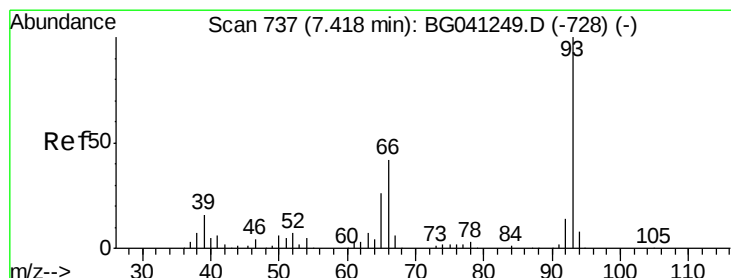
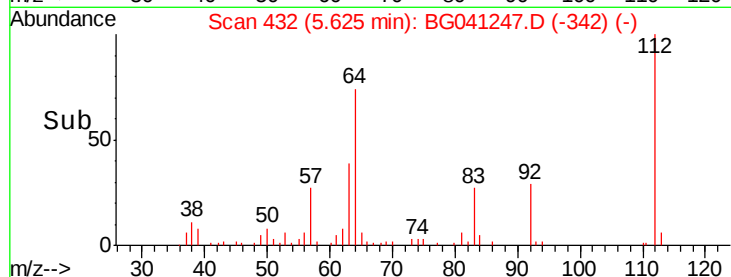
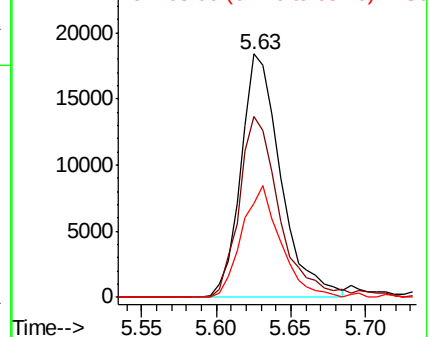
112 100

64 74.0 55.2 82.8

63 38.7 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: 9.334 ng

RT: 7.41 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

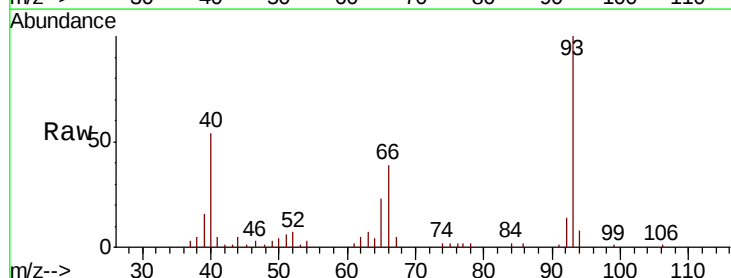
Tgt Ion: 93 Resp: 35929

Ion Ratio Lower Upper

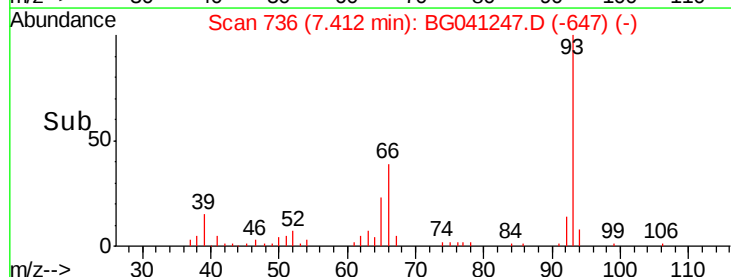
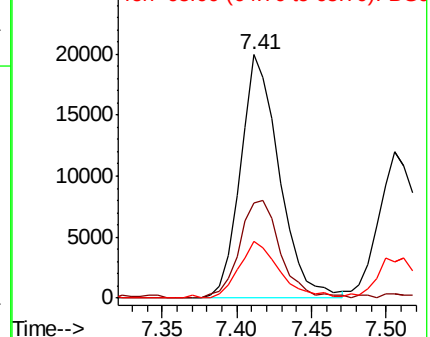
93 100

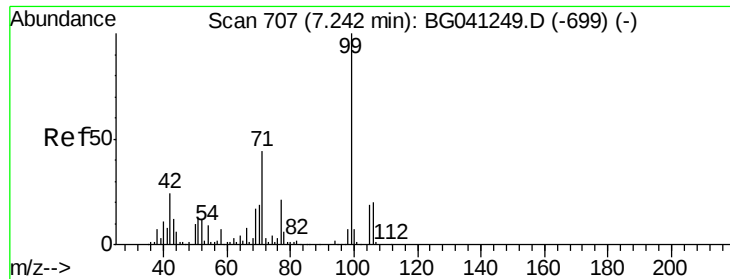
66 39.2 33.8 50.8

65 23.4 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: 18.798 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_G

ClientSampleId :

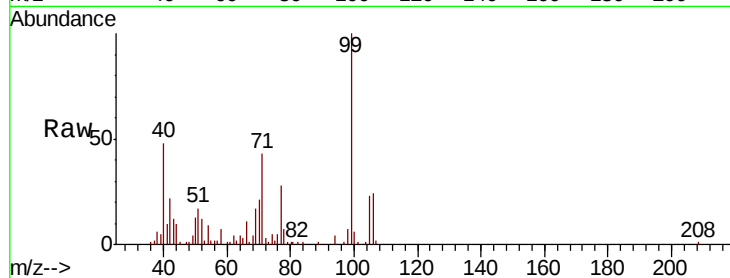
Tot Ion: 99 Resp: 54206

Ion Ratio Lower Upper

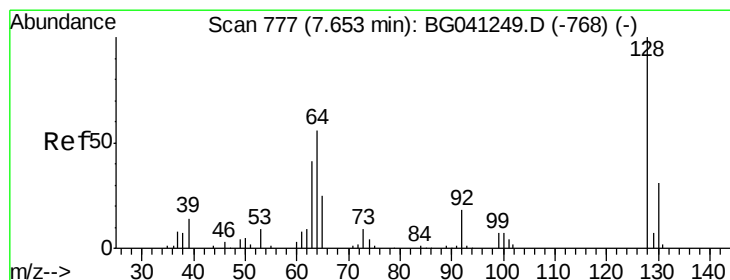
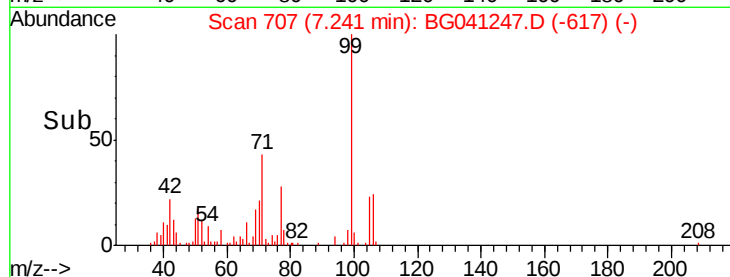
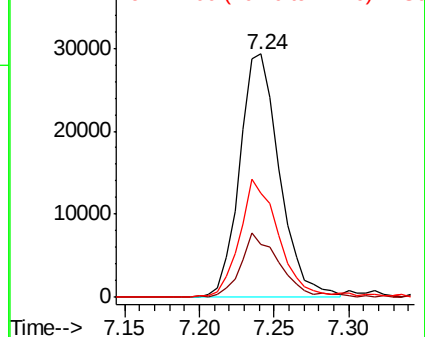
99 100

42 21.7 19.2 28.8

71 42.7 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: 10.239 ng

RT: 7.65 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

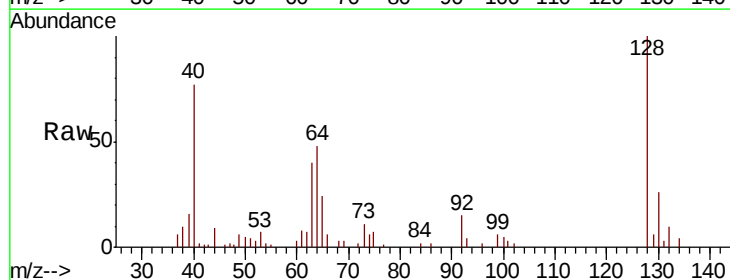
Tgt Ion: 128 Resp: 22792

Ion Ratio Lower Upper

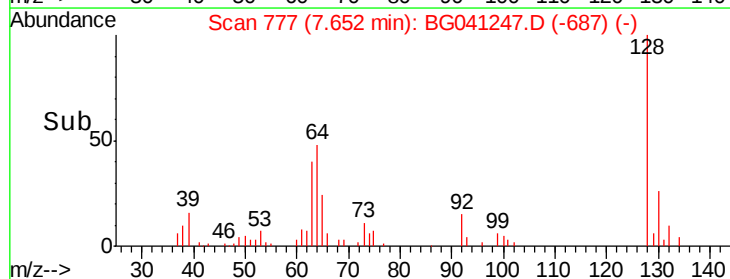
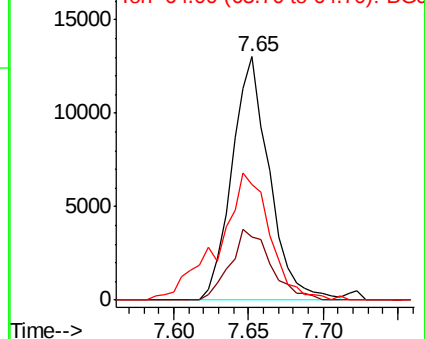
128 100

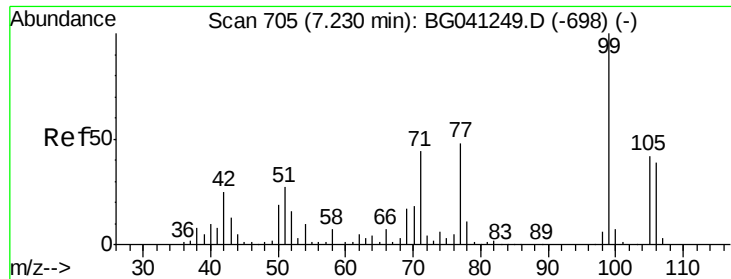
130 26.0 11.4 51.4

64 47.7 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: 12.082 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_G

ClientSampled :

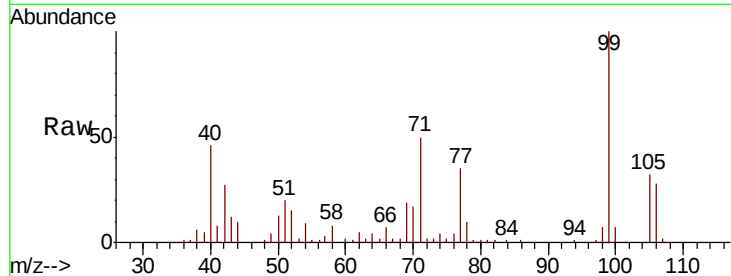
Tot Ion: 77 Resp: 20783

Ion Ratio Lower Upper

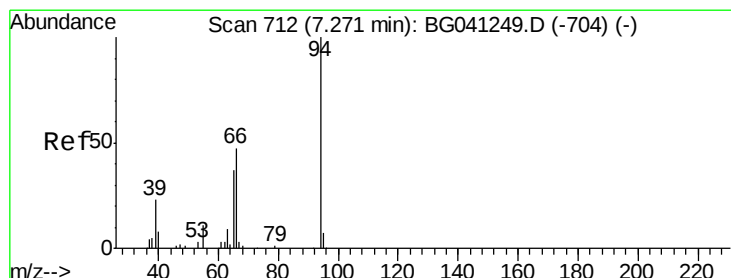
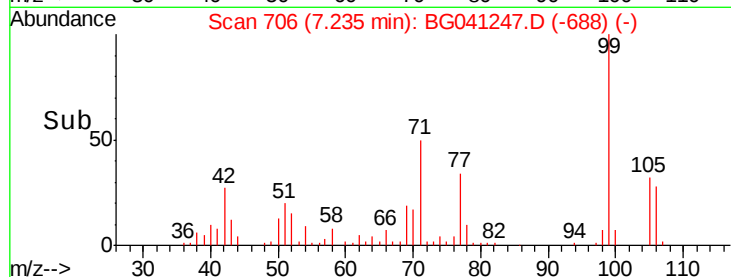
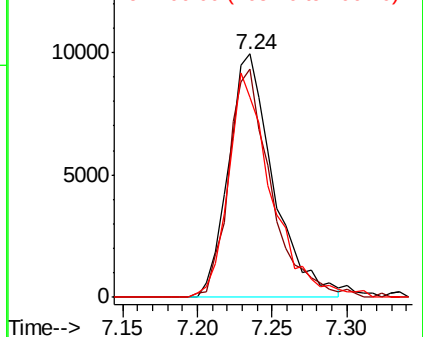
77 100

105 93.9 67.0 107.0

106 82.1 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: 9.498 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

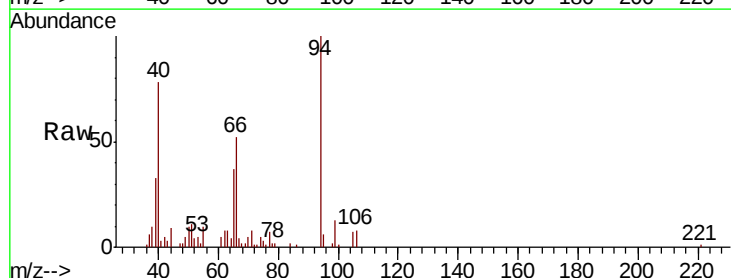
Tgt Ion: 94 Resp: 29367

Ion Ratio Lower Upper

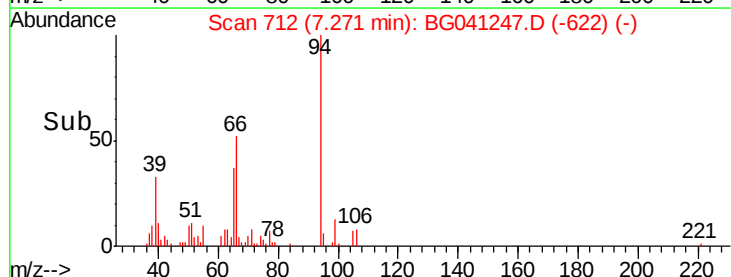
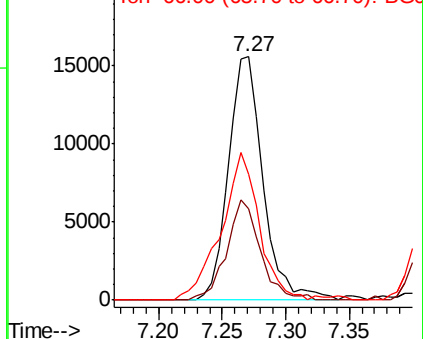
94 100

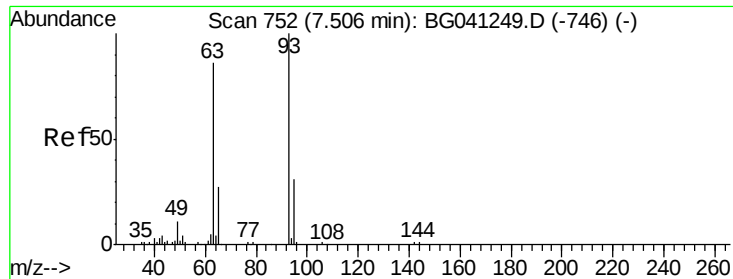
65 37.3 17.3 57.3

66 51.9 30.8 70.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

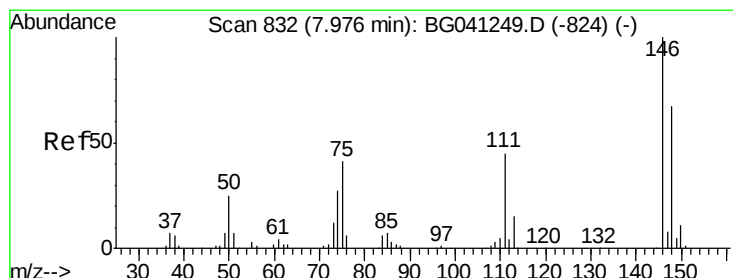
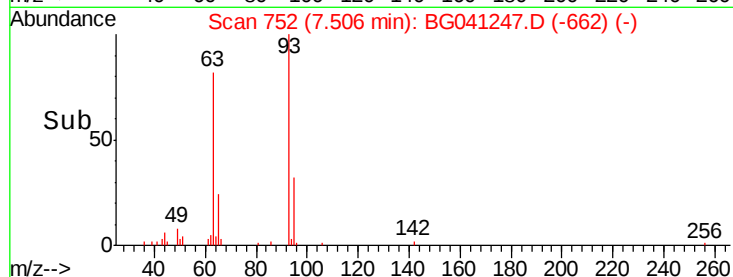
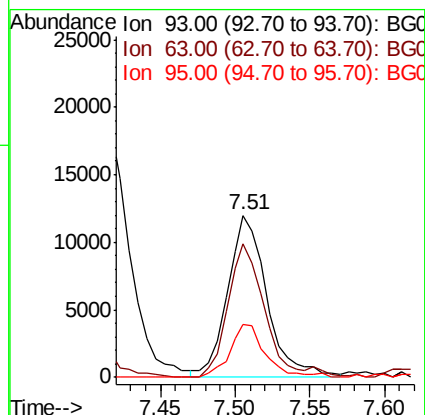
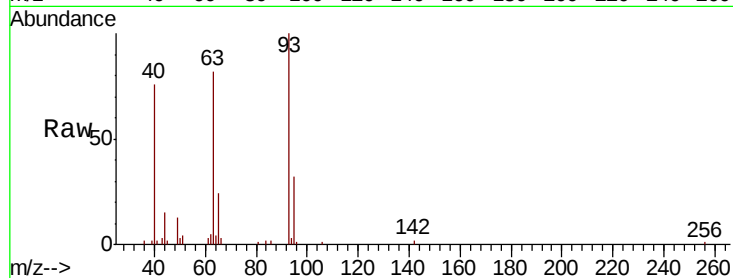




#11
bis(2-Chloroethyl)ether
Concen: 9.880 ng
RT: 7.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

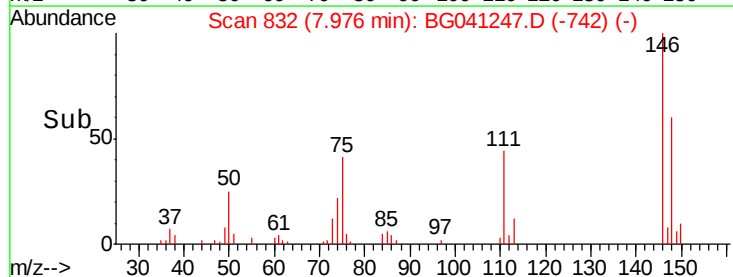
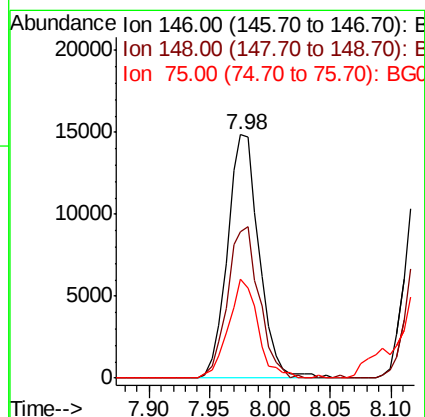
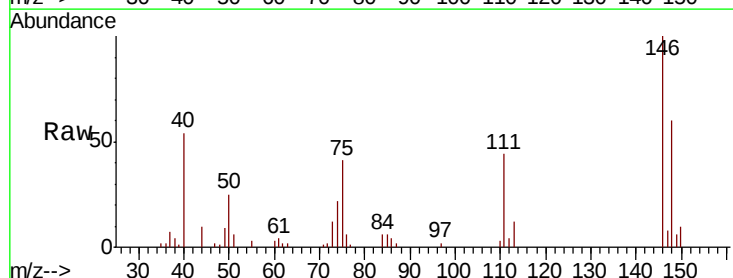
Instrument :
BNA_G
ClientSampleId :

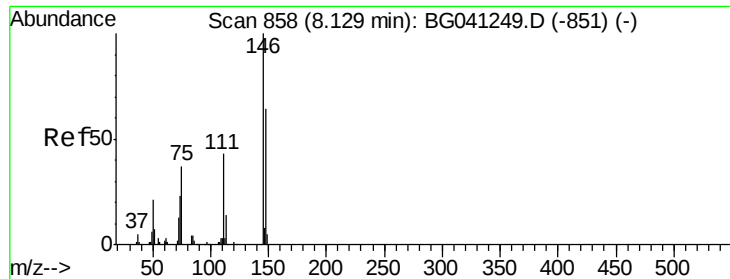
Tot Ion: 93 Resp: 22161
Ion Ratio Lower Upper
93 100
63 82.3 64.4 104.4
95 32.4 10.7 50.7



#12
1,3-Dichlorobenzene
Concen: 10.140 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Tgt Ion: 146 Resp: 26959
Ion Ratio Lower Upper
146 100
148 60.3 53.2 79.8
75 40.5 32.6 49.0

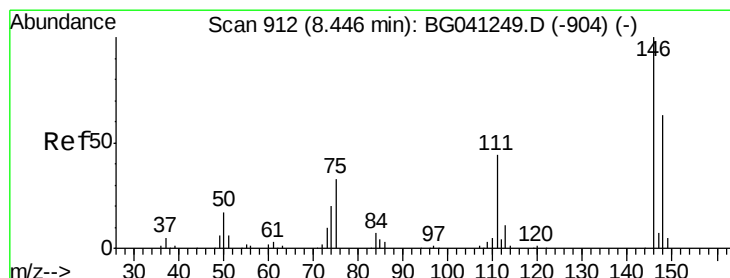
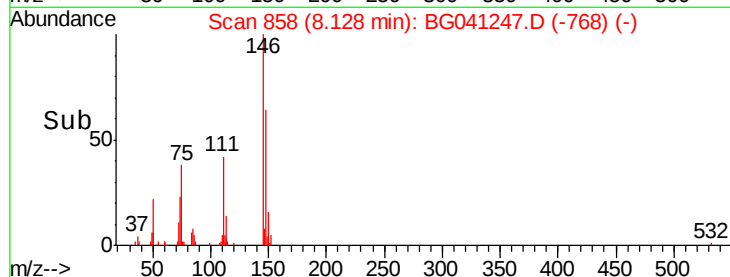
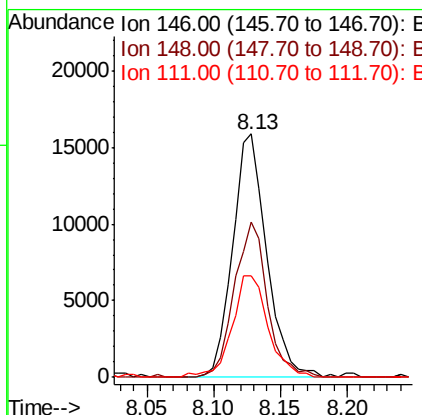
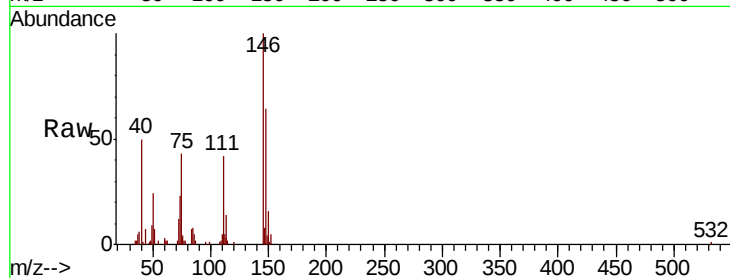




#13
 1,4-Dichlorobenzene
 Concen: 10.455 ng
 RT: 8.13 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: BG041247.D
 Acq: 14 Jun 2019 10:31

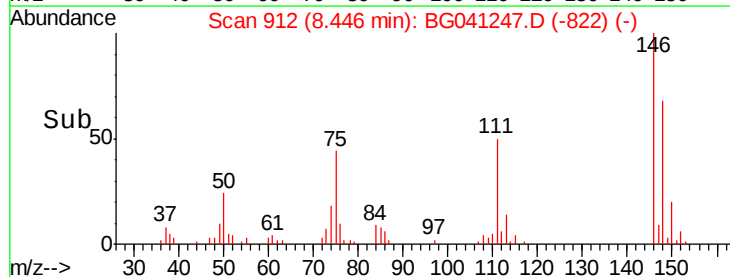
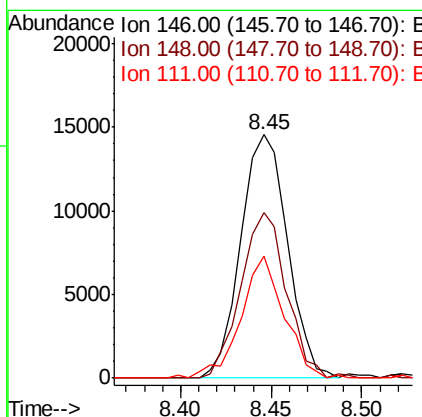
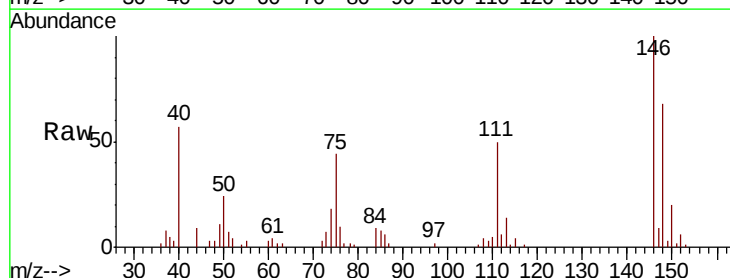
Instrument :
 BNA_G
 ClientSampleId :

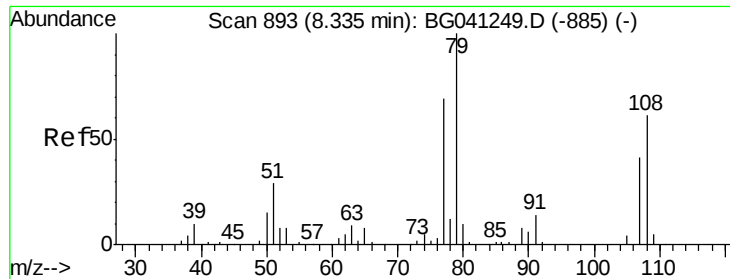
Tot Ion:146 Resp: 28137
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.4 77.0
 111 41.7 34.6 51.8



#14
 1,2-Dichlorobenzene
 Concen: 10.000 ng
 RT: 8.45 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BG041247.D
 Acq: 14 Jun 2019 10:31

Tgt Ion:146 Resp: 26131
 Ion Ratio Lower Upper
 146 100
 148 68.0 50.7 76.1
 111 50.2 35.6 53.4





#15

Benzyl Alcohol

Concen: 9.296 ng

RT: 8.33 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_G

ClientSampleId :

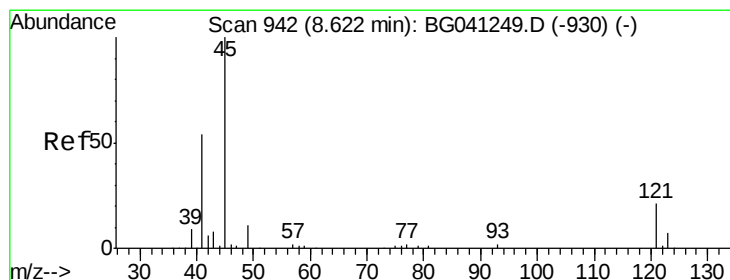
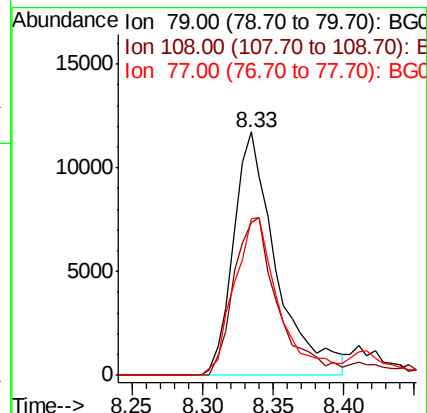
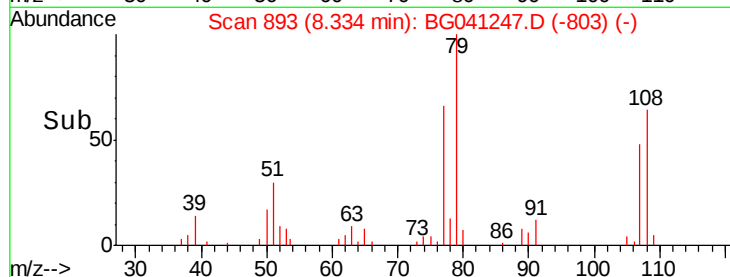
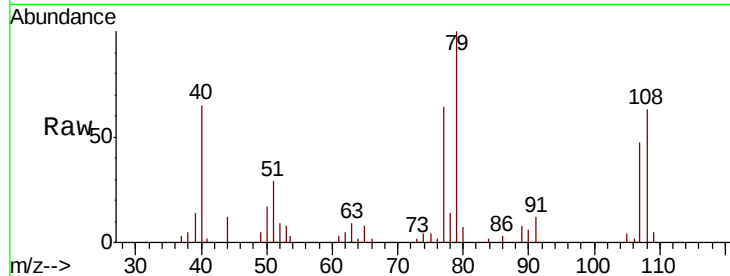
Tot Ion: 79 Resp: 24797

Ion Ratio Lower Upper

79 100

108 62.7 48.8 73.2

77 64.5 55.2 82.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.507 ng

RT: 8.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

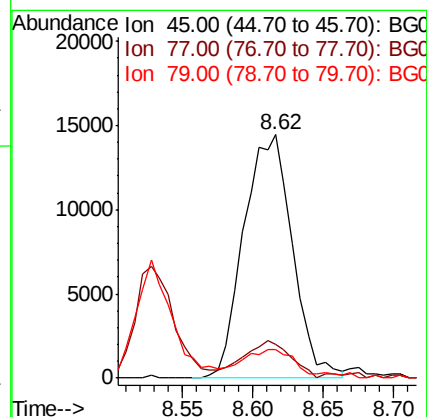
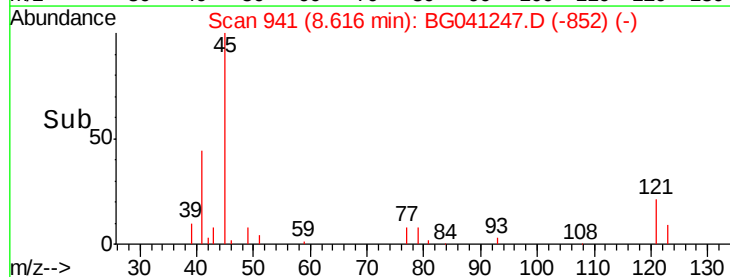
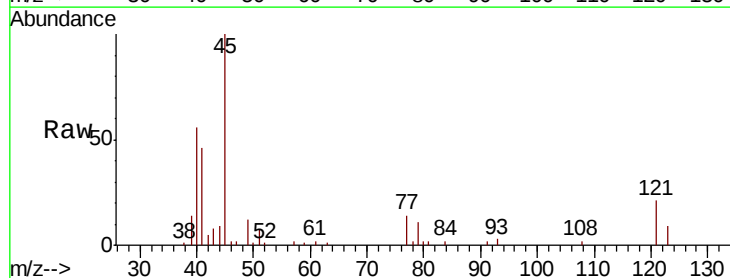
Tgt Ion: 45 Resp: 34843

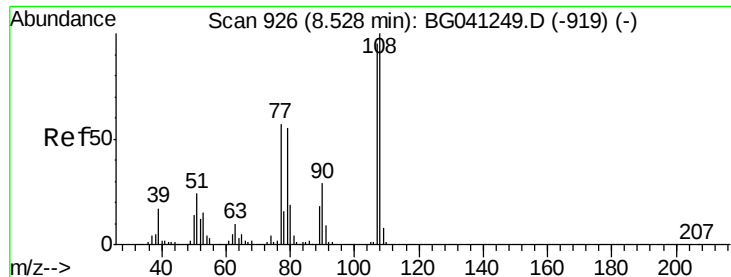
Ion Ratio Lower Upper

45 100

77 13.9 0.0 33.2

79 11.5 0.0 31.3





#17

2-Methylphenol

Concen: 10.083 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 22573

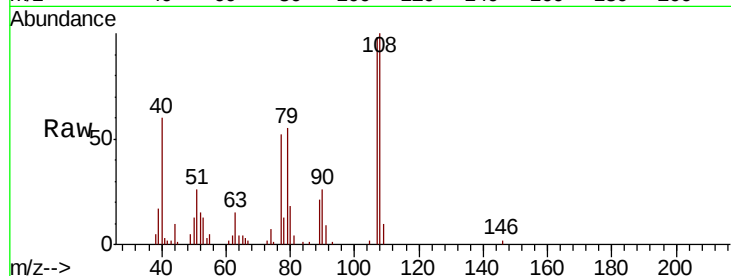
Ion Ratio Lower Upper

107 100

108 102.1 84.8 127.2

77 53.2 48.8 73.2

79 56.6 47.0 70.6



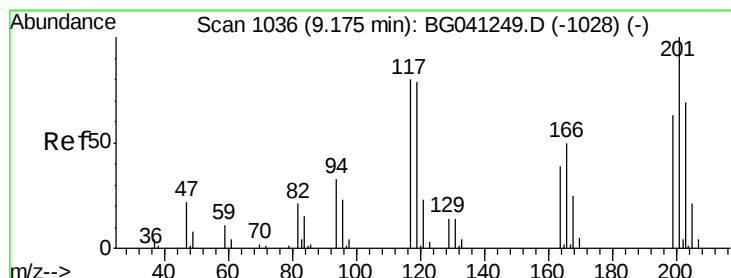
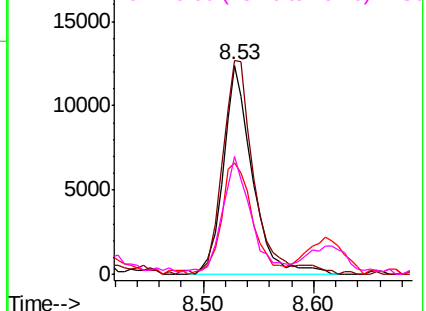
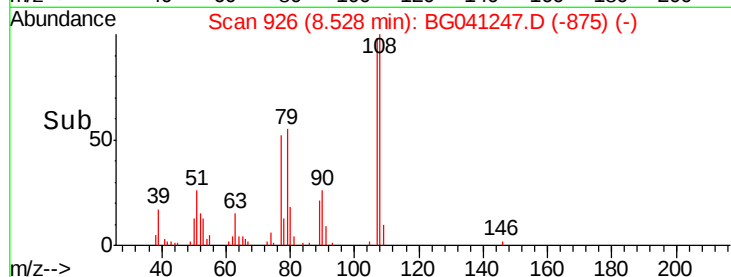
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 10.288 ng

RT: 9.17 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

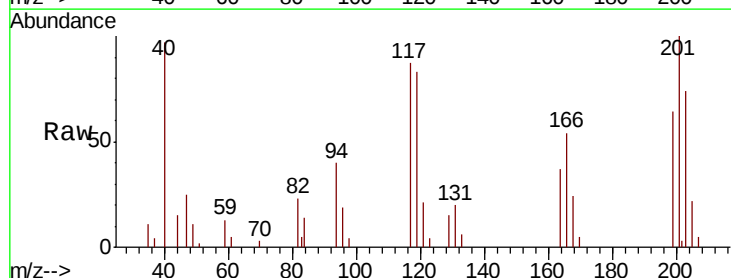
Tgt Ion:117 Resp: 10671

Ion Ratio Lower Upper

117 100

119 95.1 79.1 118.7

201 118.4 100.2 150.2

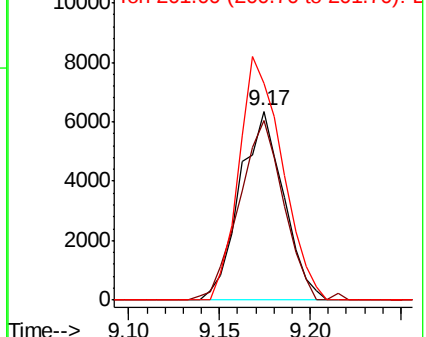
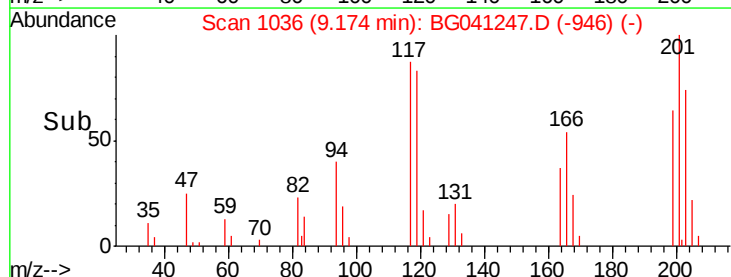


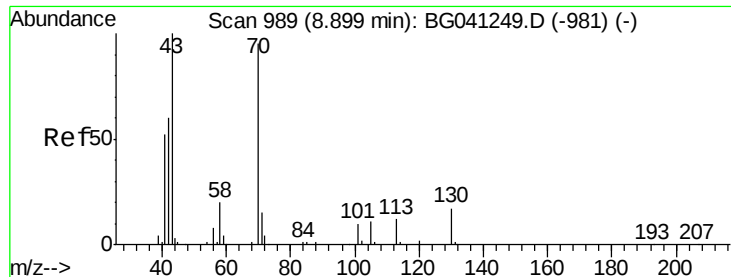
Abundance

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

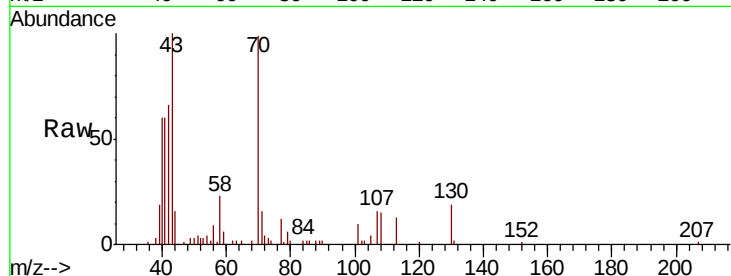




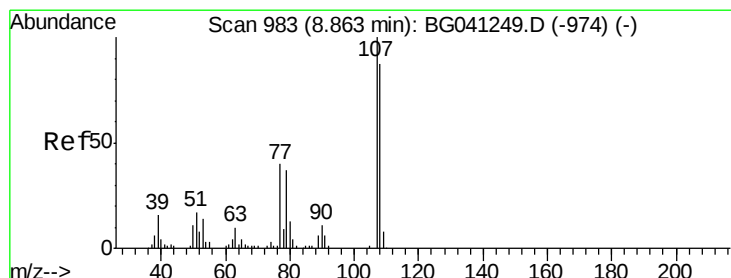
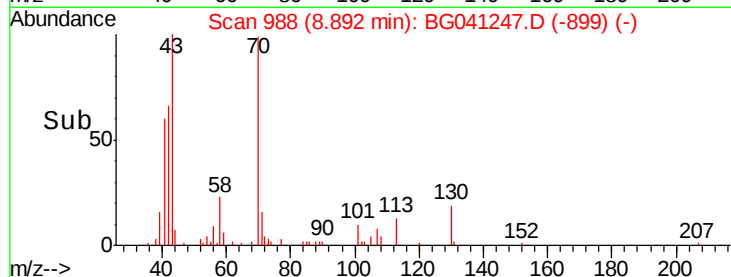
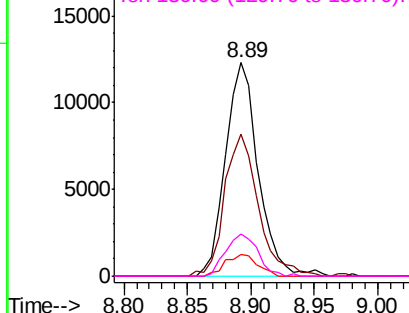
#19
n-Nitroso-di-n-propylamine
Concen: 9.875 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.01 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	21913
Ion	Ratio	Lower	Upper
70	100		
42	66.5	50.7	76.1
101	10.2	8.3	12.5
130	19.5	14.1	21.1

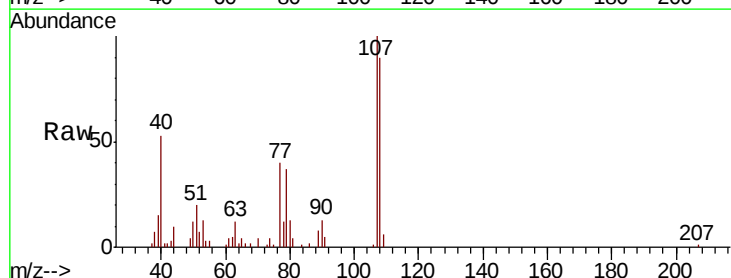


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

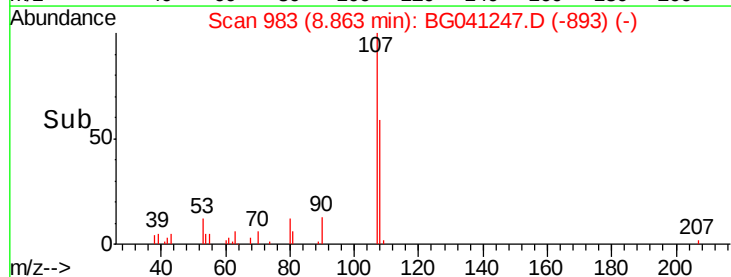
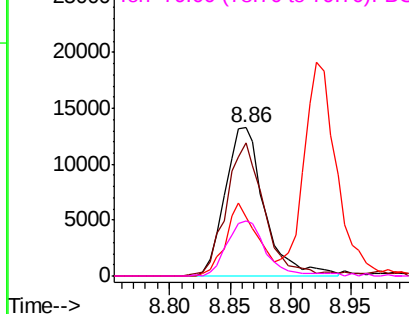


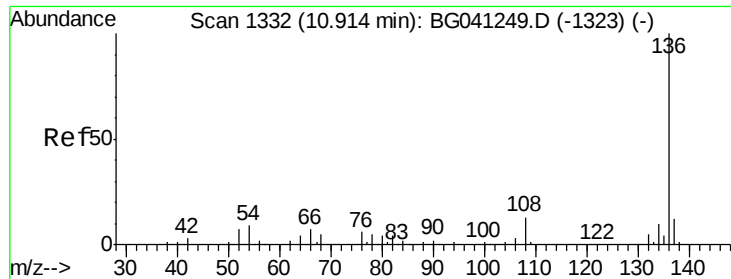
#20
3+4-Methylphenols
Concen: 9.654 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Tgt Ion:	107	Resp:	29937
Ion	Ratio	Lower	Upper
107	100		
108	89.9	67.2	107.2
77	40.0	20.4	60.4
79	37.0	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

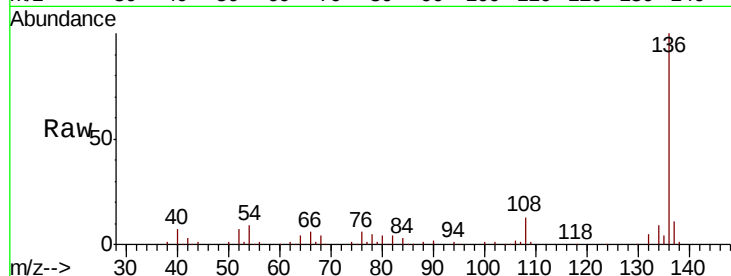




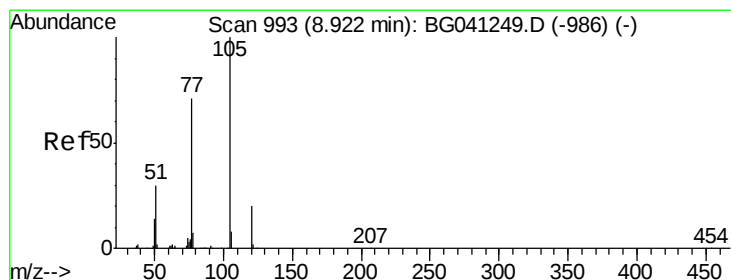
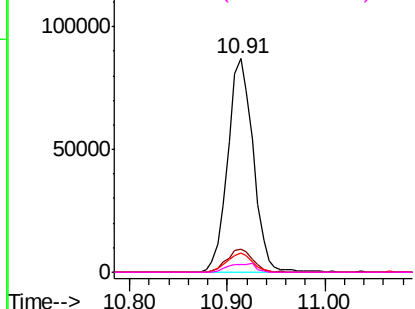
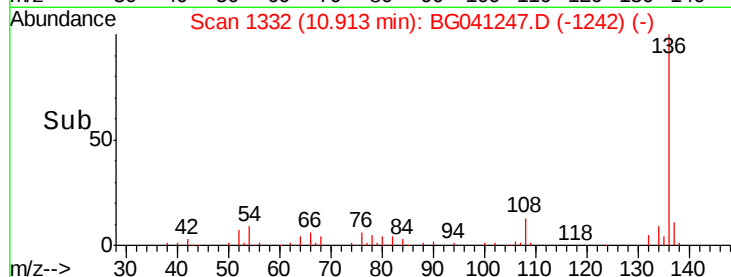
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	157376
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.7 14.5
54	9.3	7.4 11.2
68	4.3	4.2 6.4

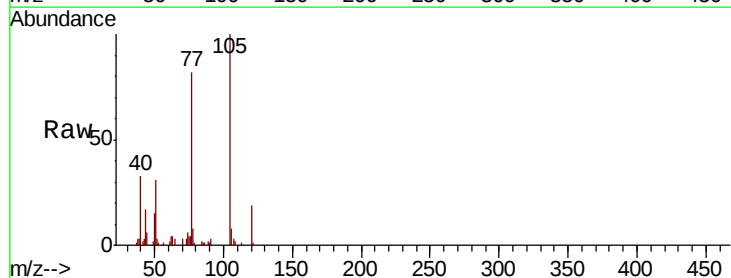


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

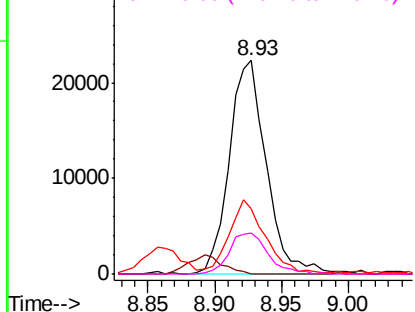
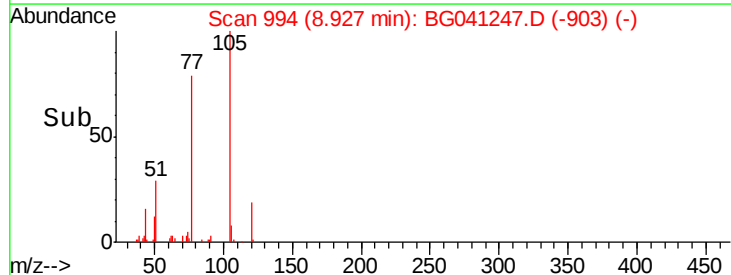


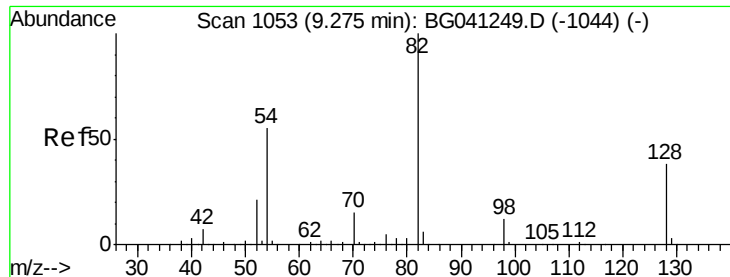
#22
Acetophenone
Concen: 9.743 ng
RT: 8.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Tgt Ion:105	Resp:	43011
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.7 1.1#
51	30.8	26.6 40.0
120	19.5	15.8 23.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

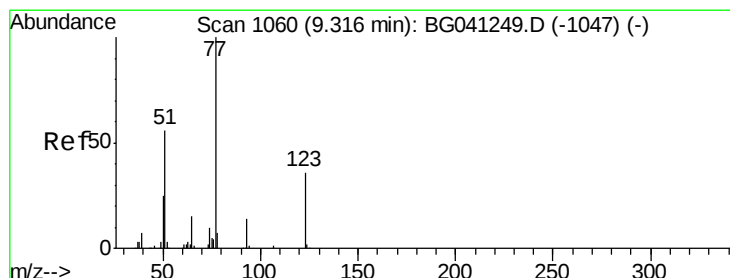
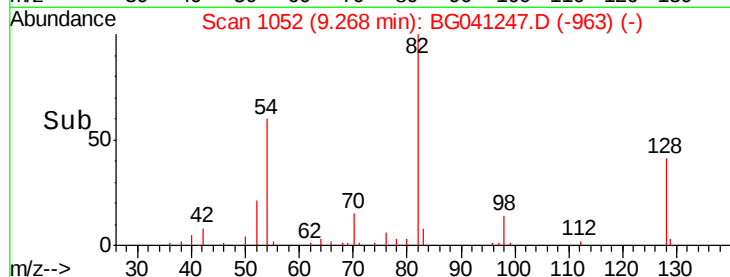
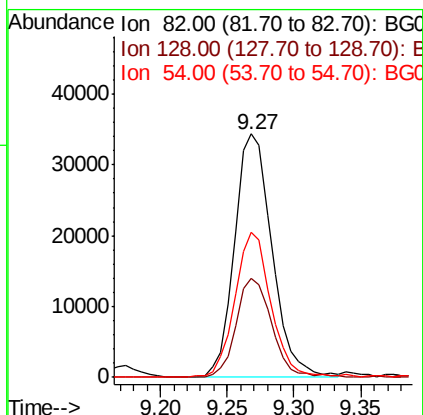
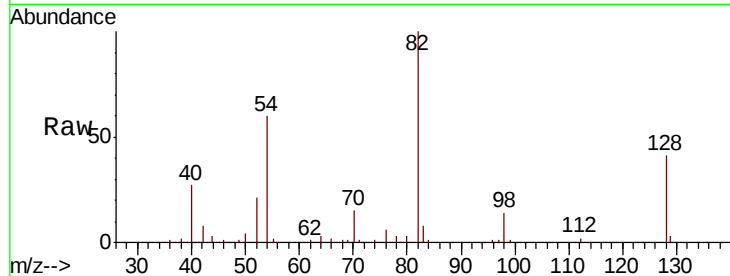




#23
Nitrobenzene-d5
Concen: 18.894 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

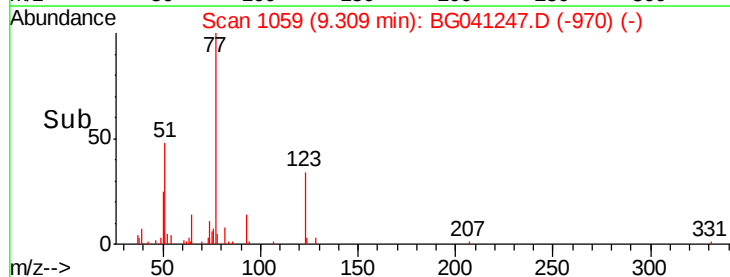
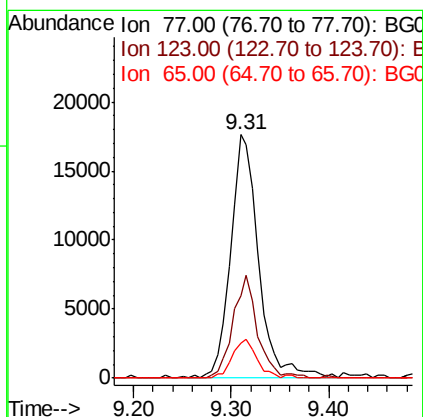
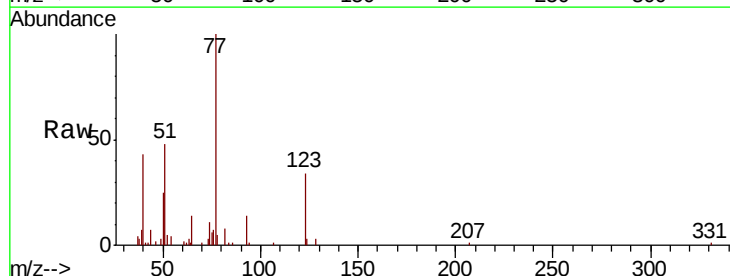
Instrument :
BNA_G
ClientSampleId :

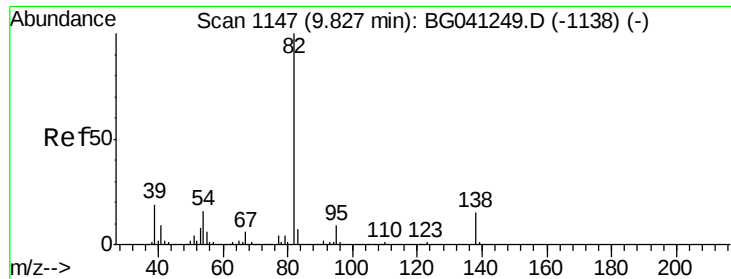
Tot Ion	82	Resp	66981
Ion Ratio	100	Lower	Upper
128	40.6	30.2	45.2
54	59.7	44.0	66.0



#24
Nitrobenzene
Concen: 9.705 ng
RT: 9.31 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Tgt Ion	77	Resp	35060
Ion Ratio	100	Lower	Upper
123	34.0	28.8	43.2
65	14.4	11.8	17.8





#25

Isophorone

Concen: 8.957 ng

RT: 9.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_G

ClientSampleId :

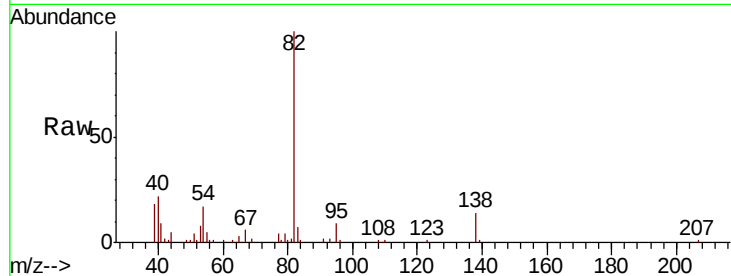
Tot Ion: 82 Resp: 60430

Ion Ratio Lower Upper

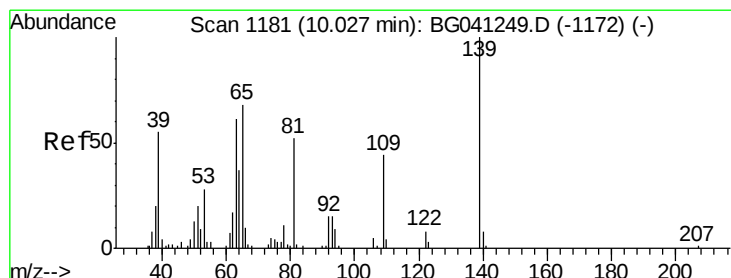
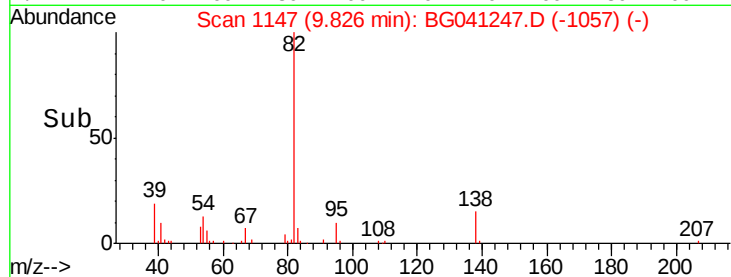
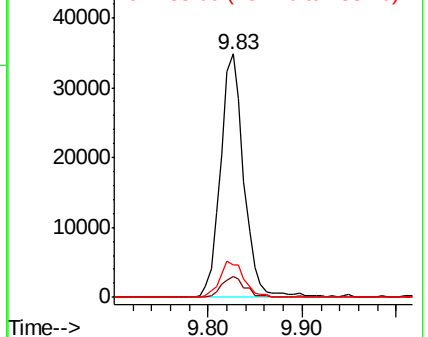
82 100

95 8.6 7.3 10.9

138 13.5 12.0 18.0



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



#26

2-Nitrophenol

Concen: 9.225 ng

RT: 10.03 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

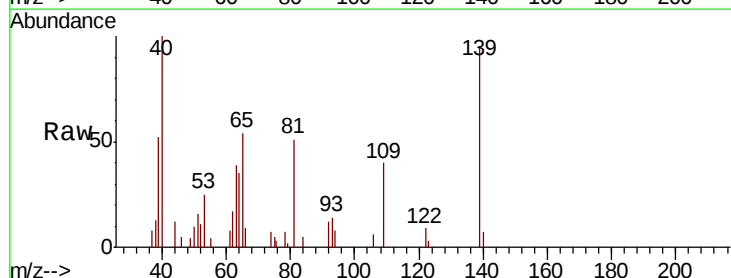
Tgt Ion: 139 Resp: 13739

Ion Ratio Lower Upper

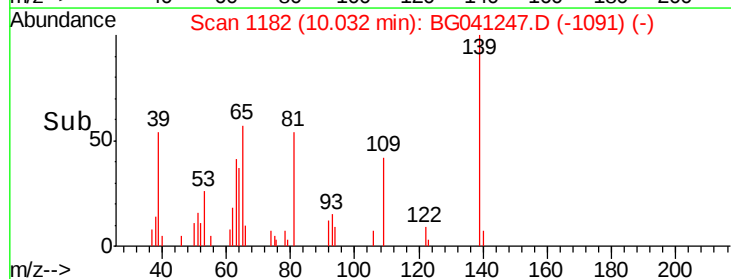
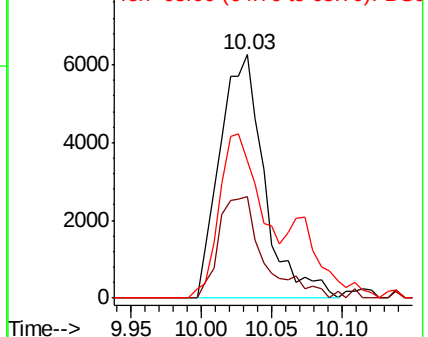
139 100

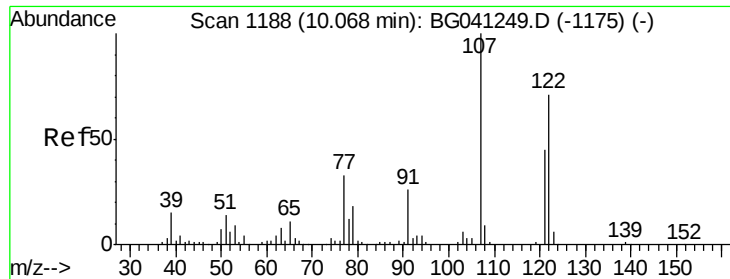
109 41.8 35.0 52.4

65 56.6 54.6 82.0



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

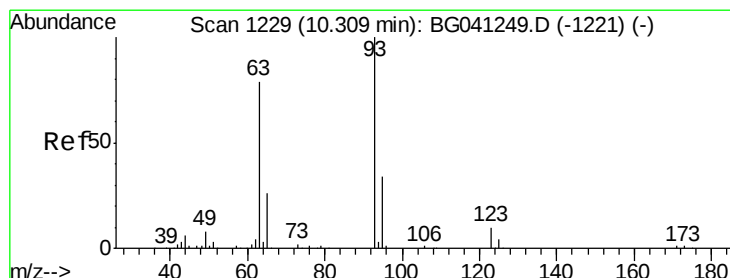
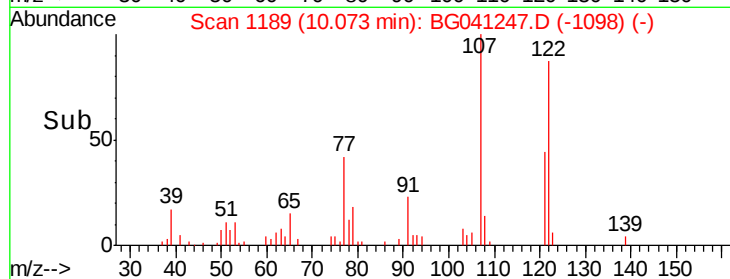
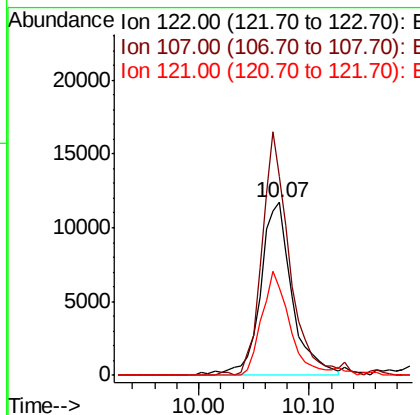
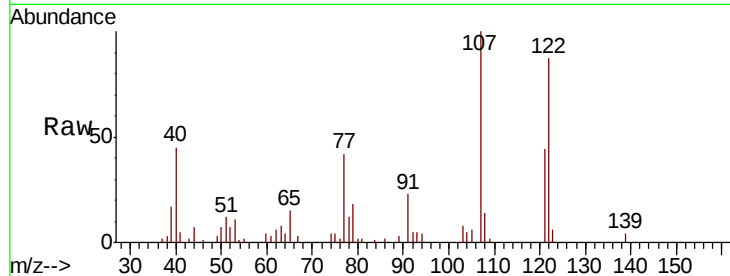




#27
 2,4-Dimethylphenol
 Concen: 9.541 ng
 RT: 10.07 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BG041247.D
 Acq: 14 Jun 2019 10:31

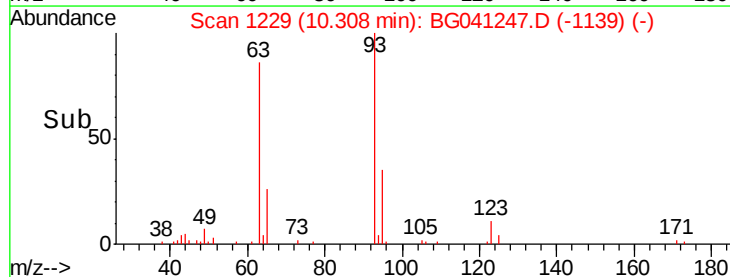
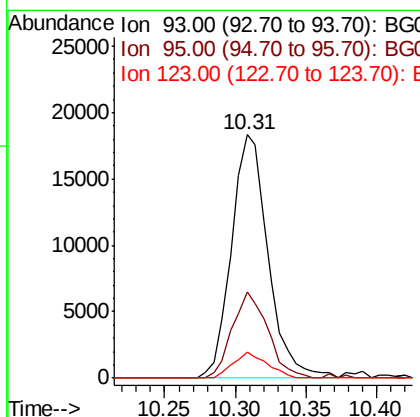
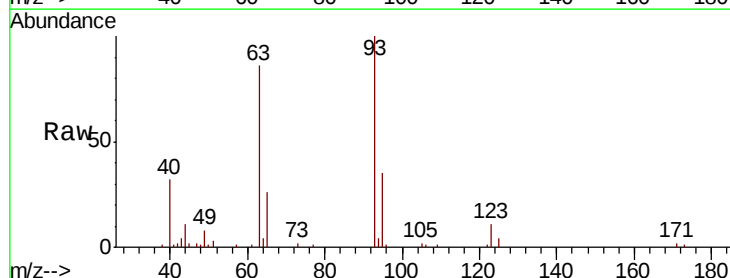
Instrument :
 BNA_G
 ClientSampled :

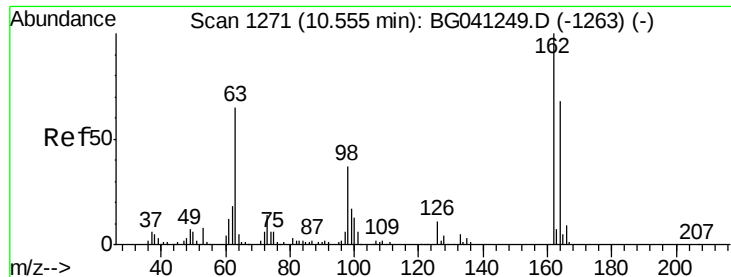
Tot Ion: 122 Resp: 23468
 Ion Ratio Lower Upper
 122 100
 107 115.2 112.1 168.1
 121 50.7 50.0 75.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 9.082 ng
 RT: 10.31 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BG041247.D
 Acq: 14 Jun 2019 10:31

Tgt Ion: 93 Resp: 33071
 Ion Ratio Lower Upper
 93 100
 95 35.4 26.9 40.3
 123 10.7 7.9 11.9

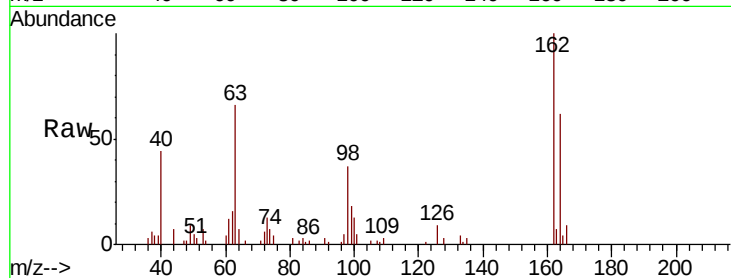




#29
2,4-Dichlorophenol
Concen: 9.291 ng
RT: 10.56 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.5	47.6	87.6
98	37.1	17.0	57.0

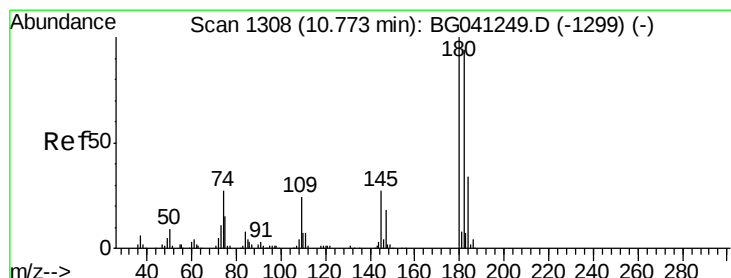
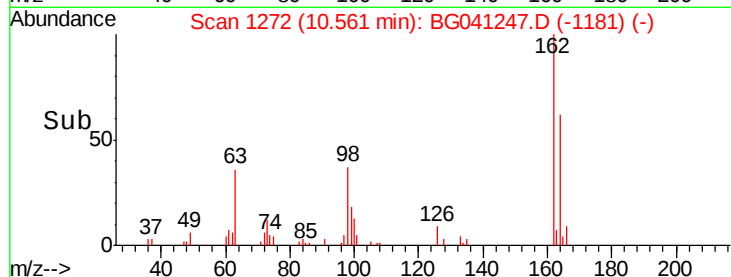
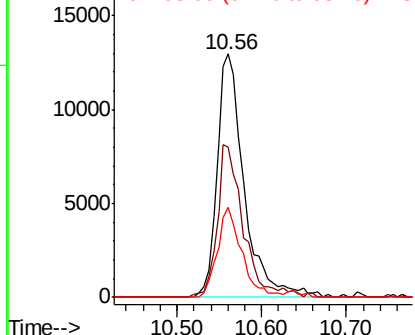


Abundance

Ion 162.00 (161.70 to 162.70): E

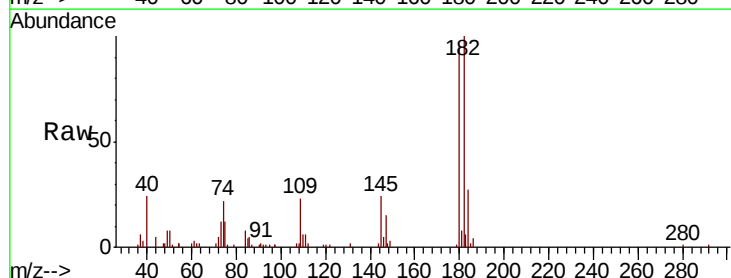
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 9.789 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	103.7	75.1	112.7
145	24.8	21.3	31.9

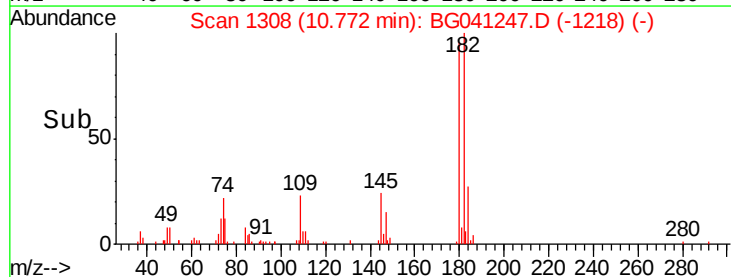
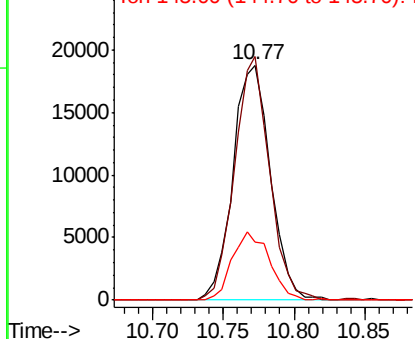


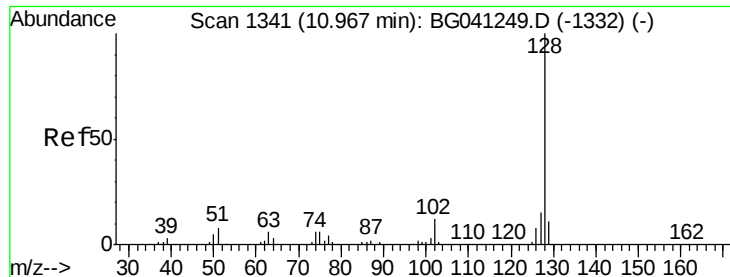
Abundance

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

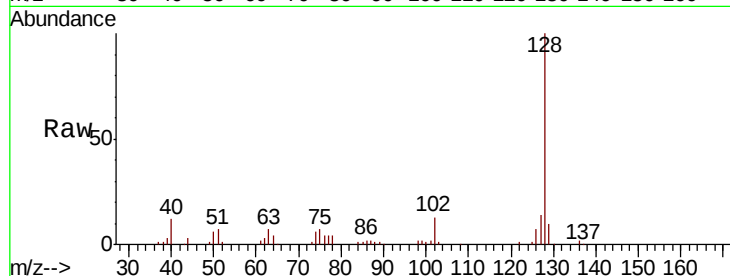




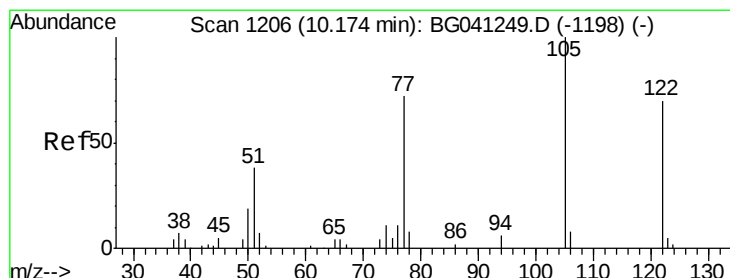
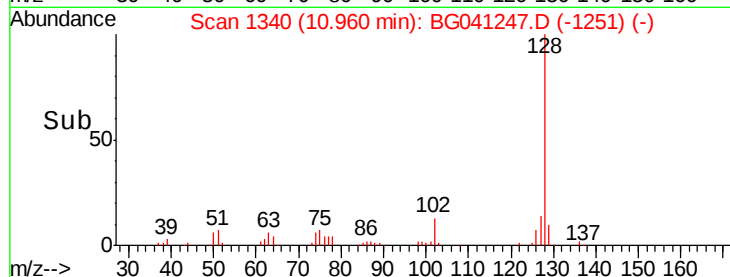
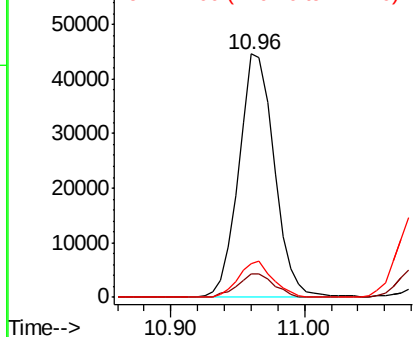
#31
Naphthalene
Concen: 9.719 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 82119
Ion Ratio Lower Upper
128 100
129 9.8 9.0 13.4
127 13.6 11.7 17.5

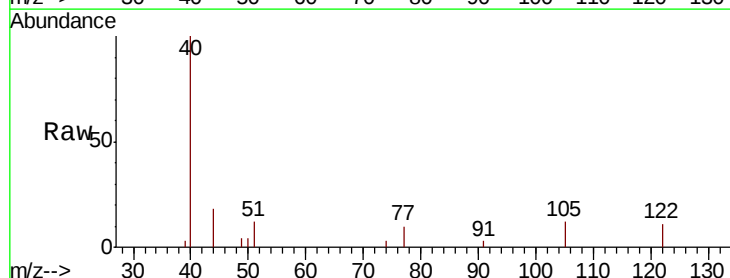


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

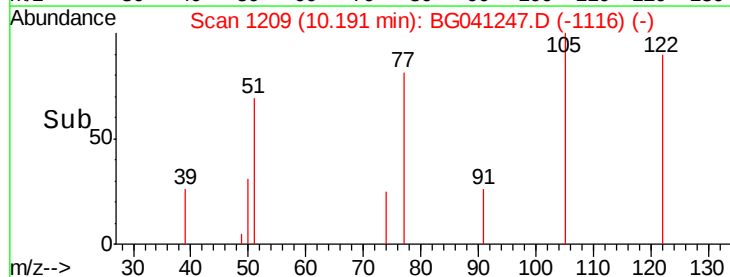
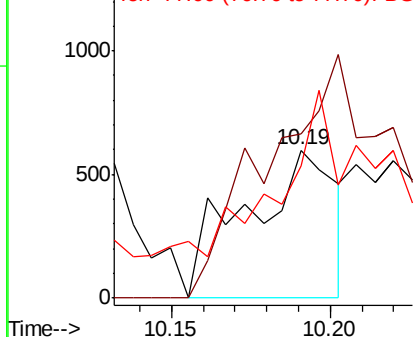


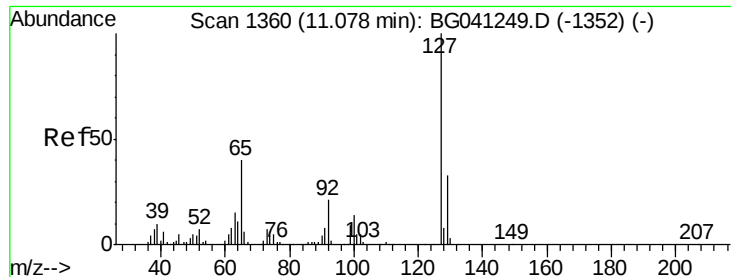
#32
Benzoic acid
Concen: 0.666 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.02 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Tgt Ion:122 Resp: 1169
Ion Ratio Lower Upper
122 100
105 110.7 113.8 153.8#
77 89.1 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): BGC

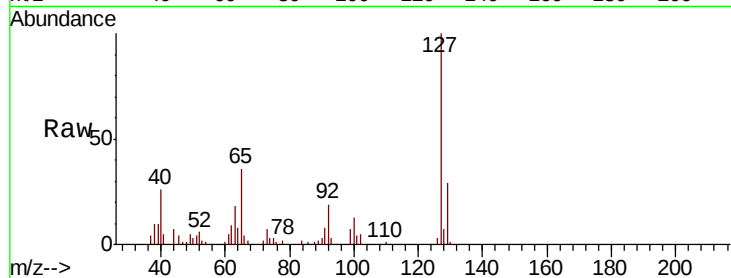




#33
4-Chloroaniline
Concen: 8.598 ng
RT: 11.08 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	33709
Ion	Ratio	Lower	Upper
127	100		
129	28.5	26.2	39.4
65	35.7	31.8	47.8
92	18.7	17.0	25.4



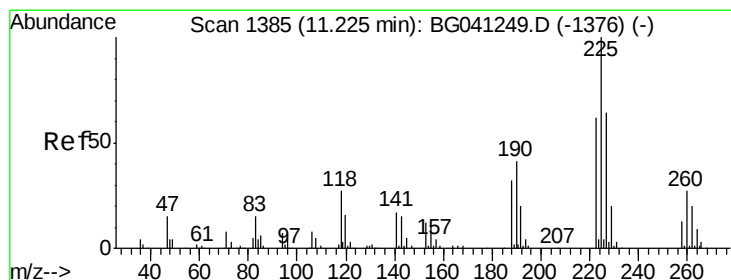
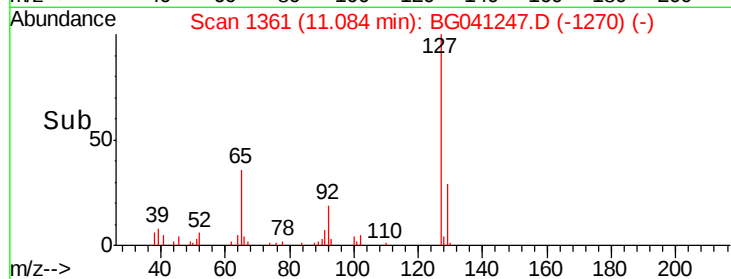
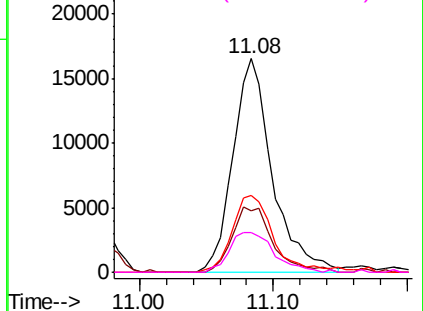
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

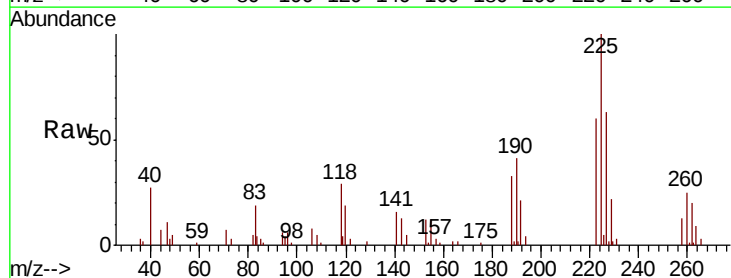
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 9.714 ng
RT: 11.22 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Tgt Ion:	225	Resp:	26411
Ion	Ratio	Lower	Upper
225	100		
223	60.3	50.0	75.0
227	63.1	51.0	76.4

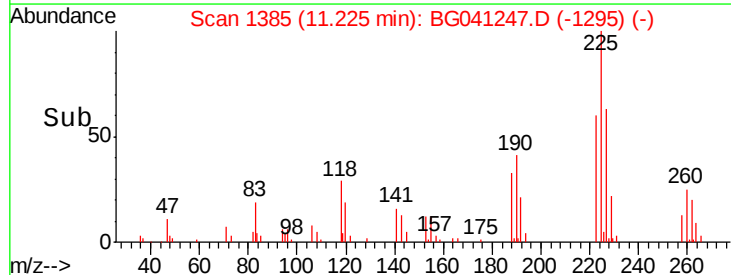
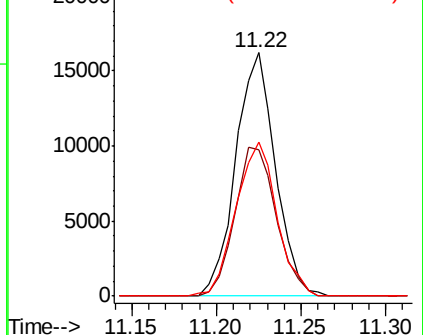


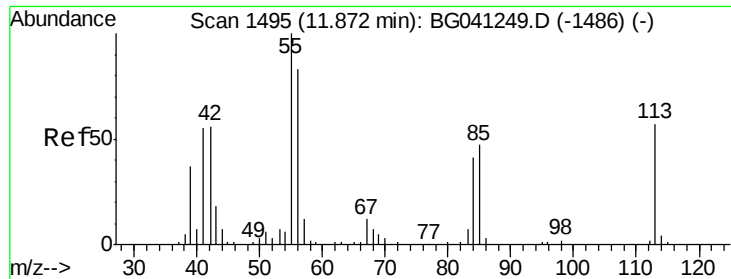
Abundance

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

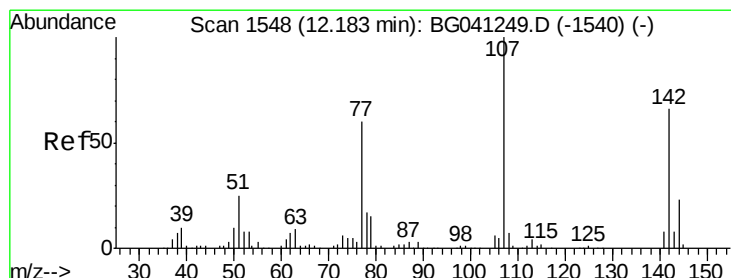
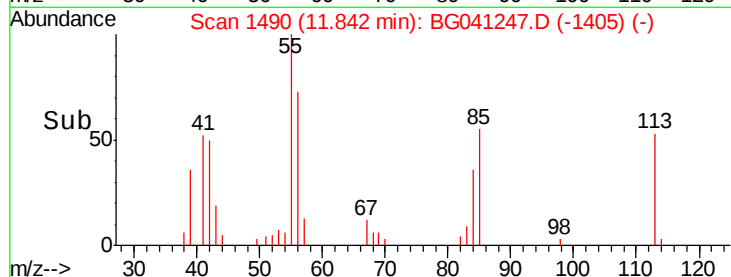
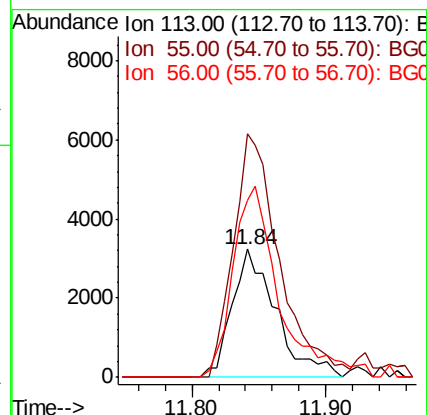
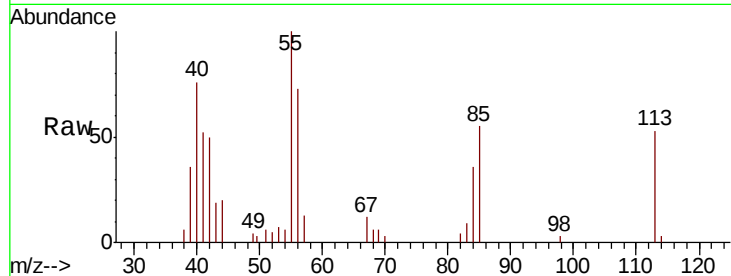




#35
Caprolactam
Concen: 7.177 ng
RT: 11.84 min Scan# 1490
Delta R.T. -0.03 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

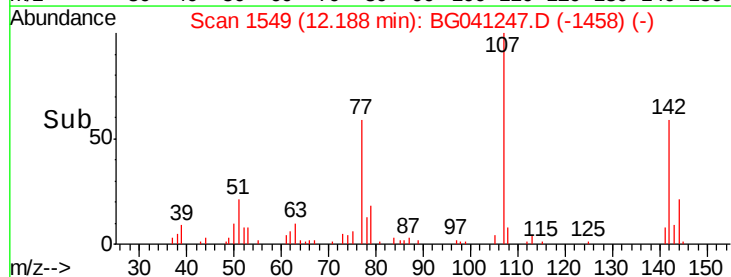
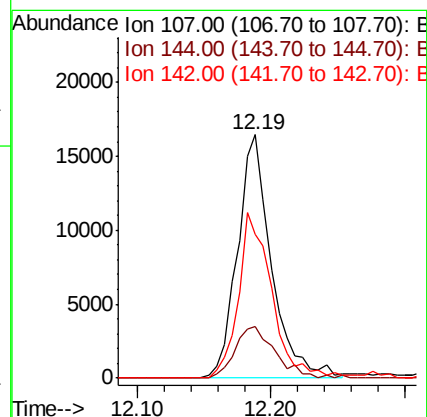
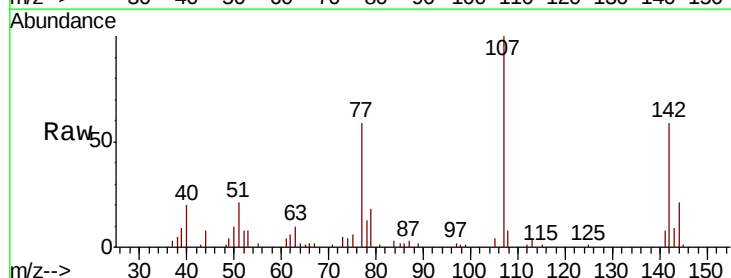
Instrument :
BNA_G
ClientSampleId :

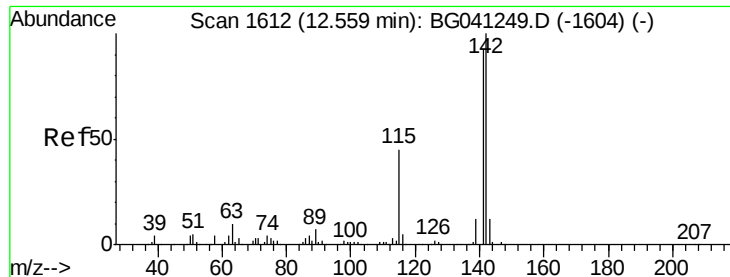
Tot Ion:113 Resp: 7403
Ion Ratio Lower Upper
113 100
55 190.1 155.8 195.8
56 138.5 125.1 165.1



#36
4-Chloro-3-methylphenol
Concen: 8.149 ng
RT: 12.19 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Tgt Ion:107 Resp: 29070
Ion Ratio Lower Upper
107 100
144 21.3 18.2 27.2
142 59.2 52.5 78.7

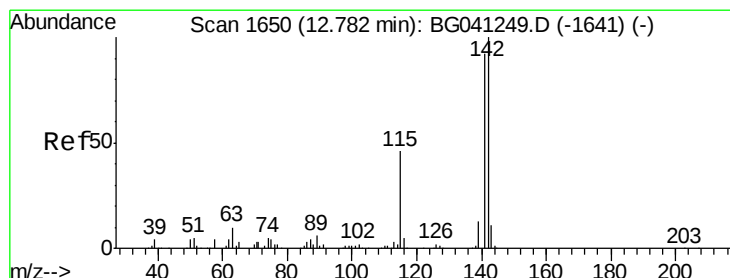
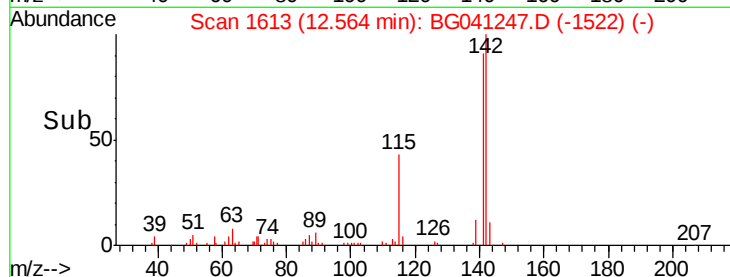
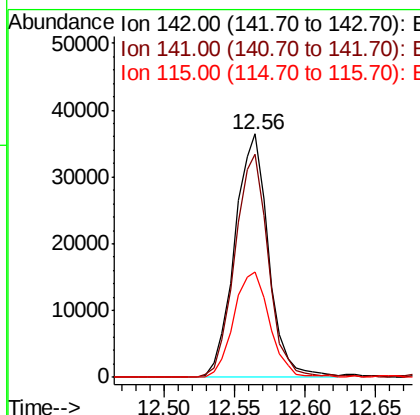
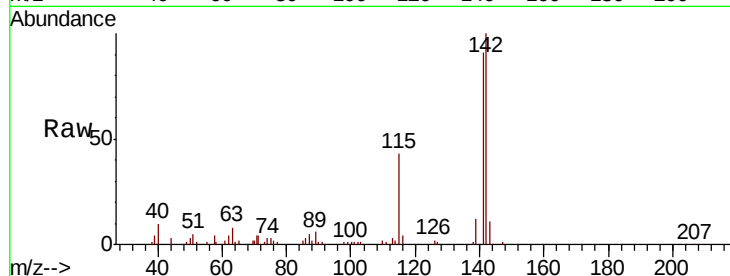




#37
2-Methylnaphthalene
Concen: 9.354 ng
RT: 12.56 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

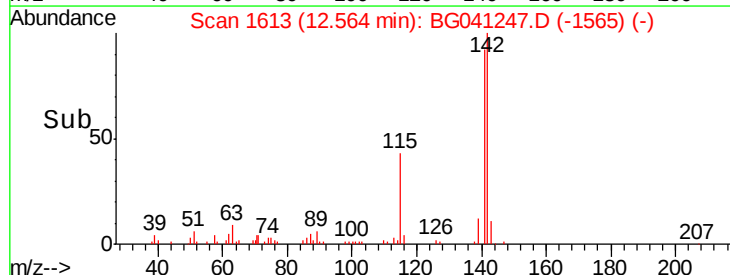
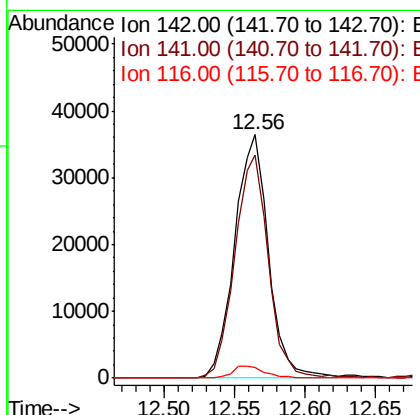
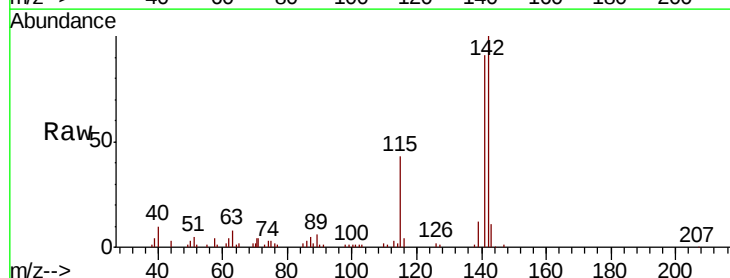
Instrument :
BNA_G
ClientSampleId :

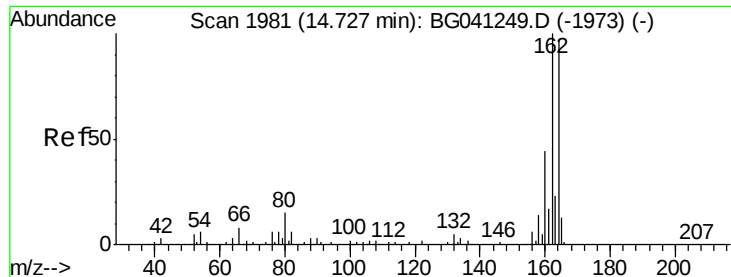
Tot Ion:142 Resp: 60877
Ion Ratio Lower Upper
142 100
141 91.5 74.0 111.0
115 43.2 36.2 54.4



#38
1-Methylnaphthalene
Concen: 9.927 ng
RT: 12.56 min Scan# 1613
Delta R.T. -0.22 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Tgt Ion:142 Resp: 60877
Ion Ratio Lower Upper
142 100
141 91.5 73.7 110.5
116 4.1 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: BG041247.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_G

ClientSampleId :

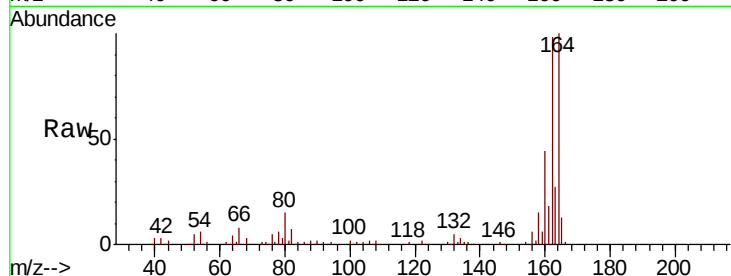
Tot Ion:164 Resp: 108380

Ion Ratio Lower Upper

164 100

162 98.2 82.6 124.0

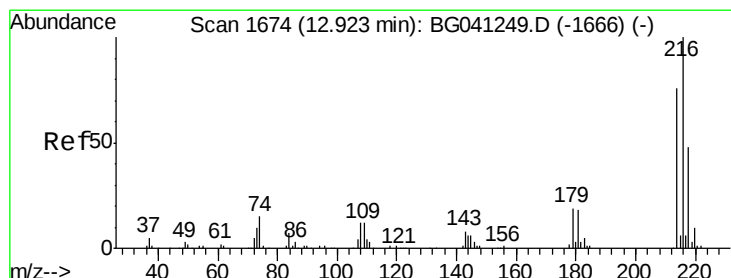
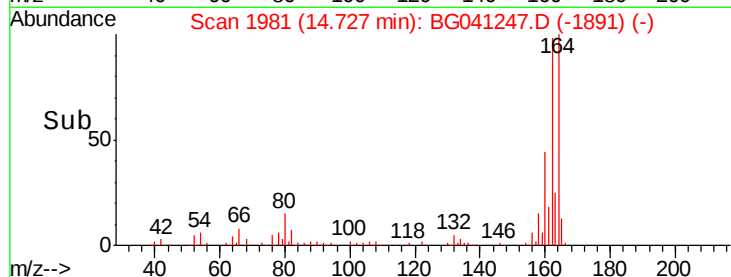
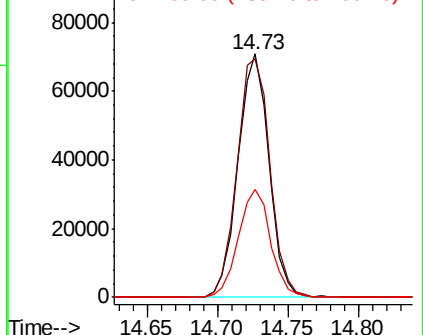
160 44.2 36.5 54.7



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: 10.656 ng

RT: 12.92 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

Tgt Ion:216 Resp: 46550

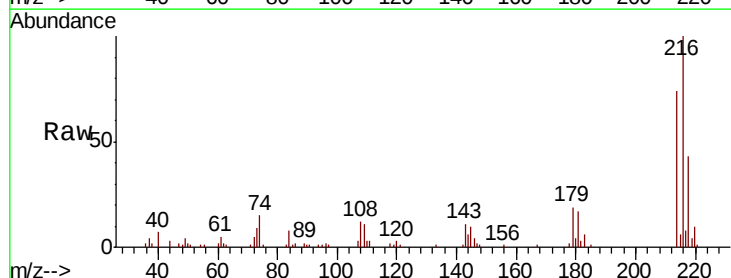
Ion Ratio Lower Upper

216 100

214 78.2 63.6 95.4

179 20.0 15.2 22.8

108 14.1 12.2 18.2

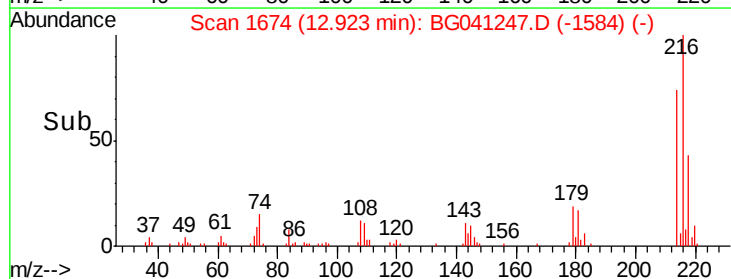
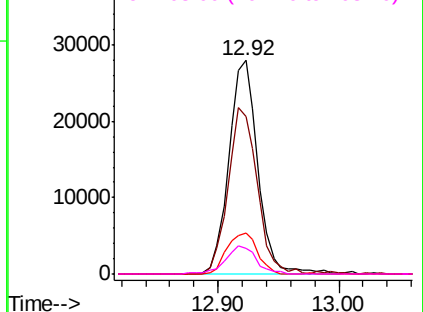


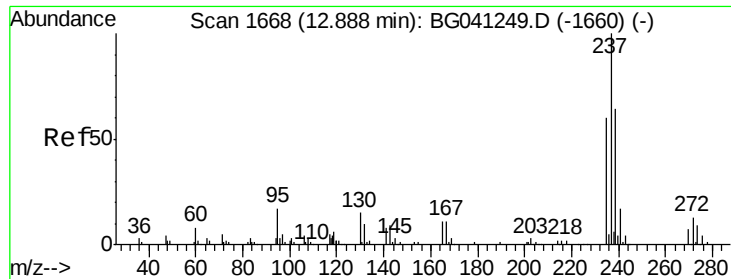
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 6.748 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_G

ClientSampled :

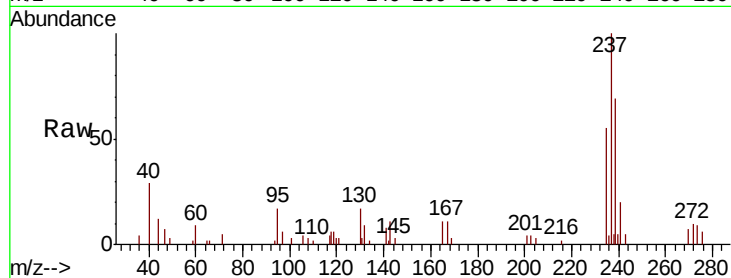
Tot Ion:237 Resp: 13207

Ion Ratio Lower Upper

237 100

235 55.1 39.6 79.6

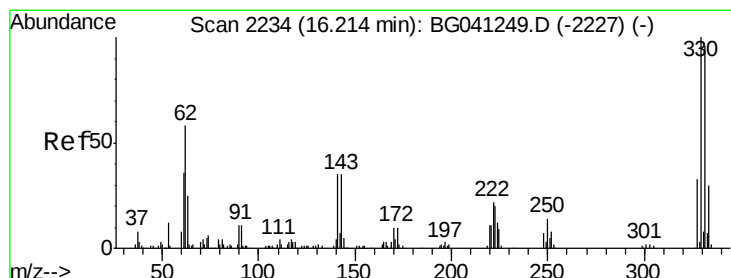
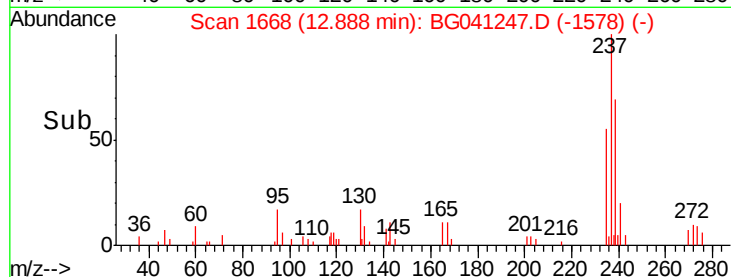
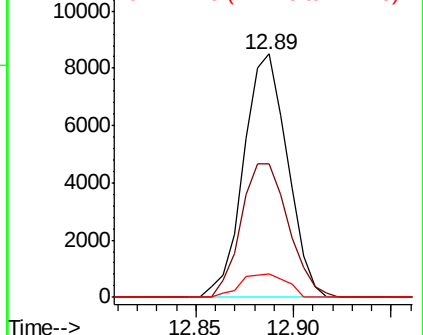
272 9.8 0.0 33.0



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: 15.849 ng

RT: 16.21 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

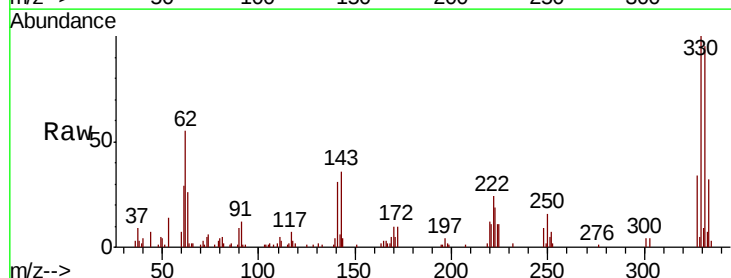
Tgt Ion:330 Resp: 25500

Ion Ratio Lower Upper

330 100

332 97.8 75.0 112.6

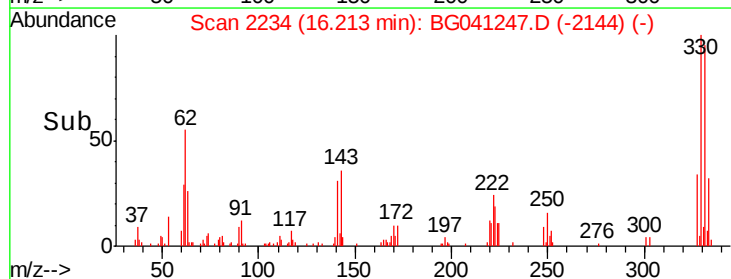
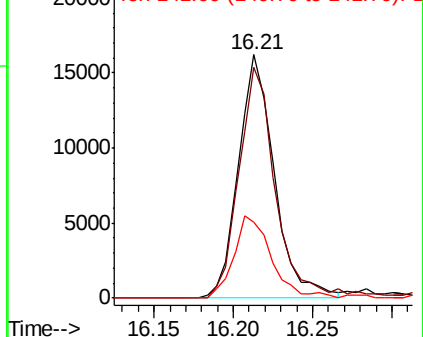
141 35.2 29.5 44.3

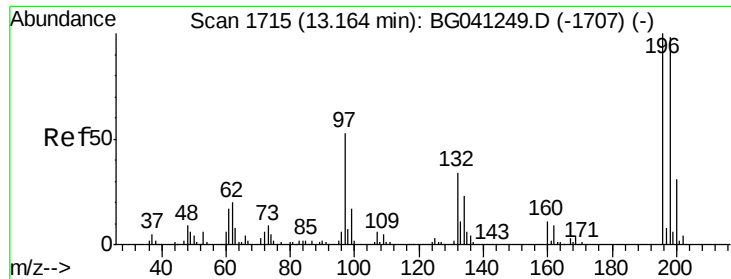


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

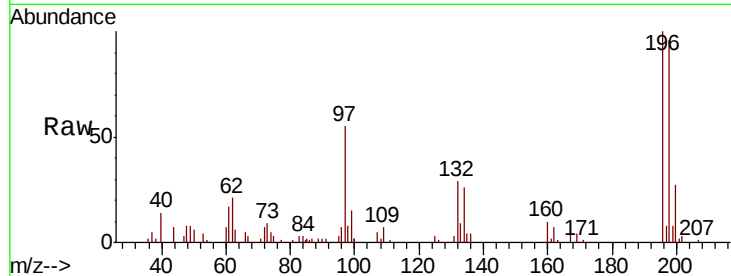




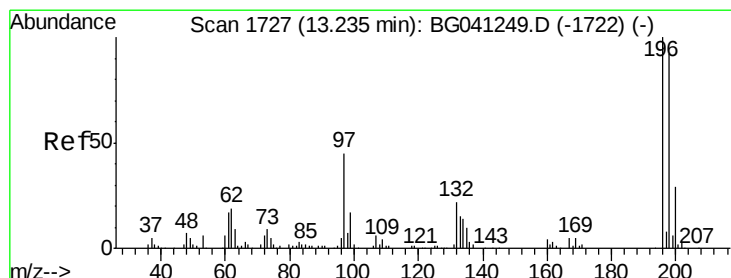
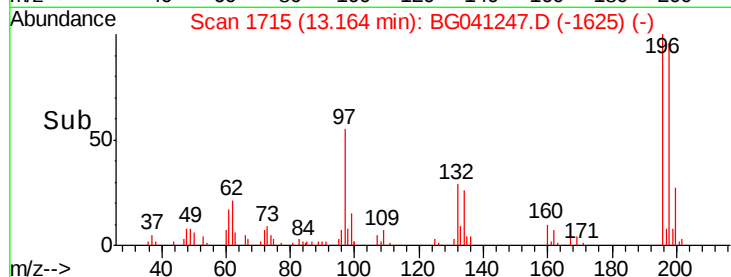
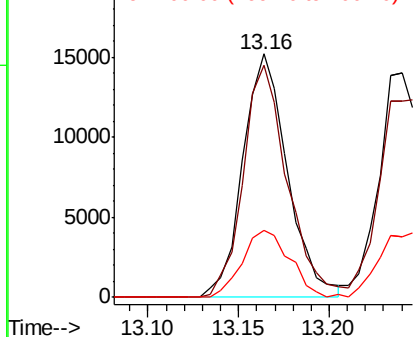
#43
 2,4,6-Trichlorophenol
 Concen: 9.249 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG041247.D
 Acq: 14 Jun 2019 10:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 26138
 Ion Ratio Lower Upper
 196 100
 198 95.6 78.6 118.0
 200 27.3 25.0 37.4

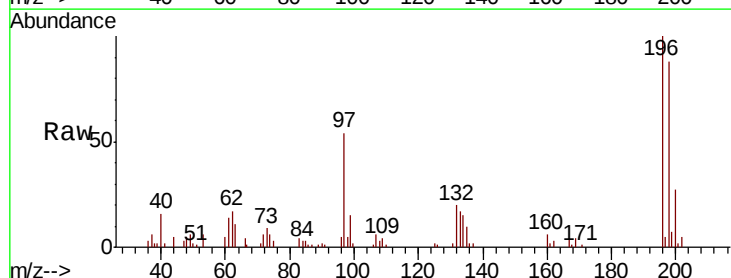


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

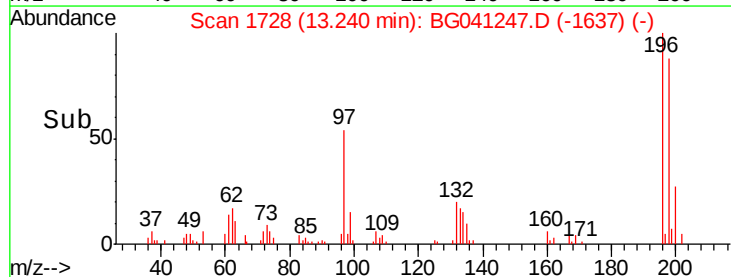
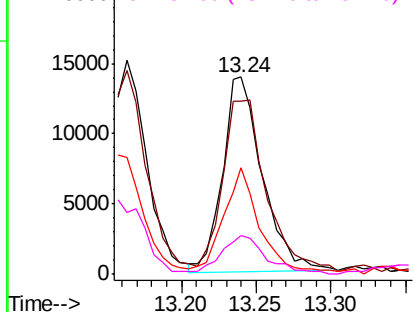


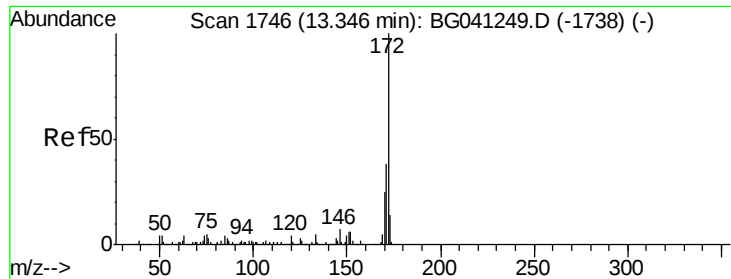
#44
 2,4,5-Trichlorophenol
 Concen: 8.696 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. 0.01 min
 Lab File: BG041247.D
 Acq: 14 Jun 2019 10:31

Tgt Ion:196 Resp: 25918
 Ion Ratio Lower Upper
 196 100
 198 87.8 74.3 111.5
 97 53.9 36.2 54.4
 132 19.5 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

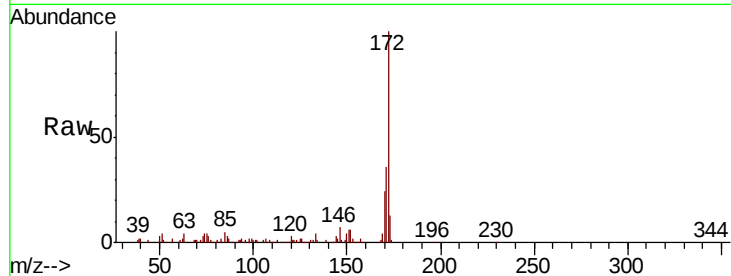




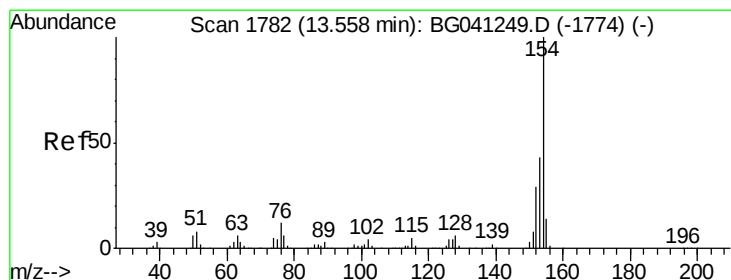
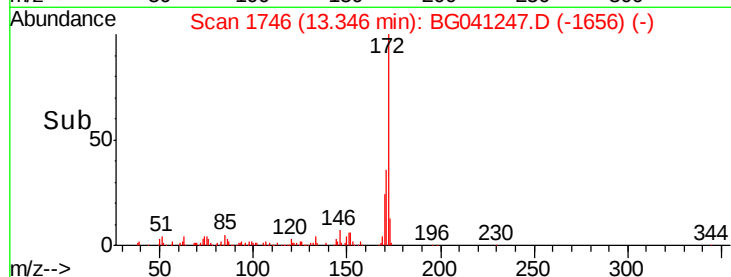
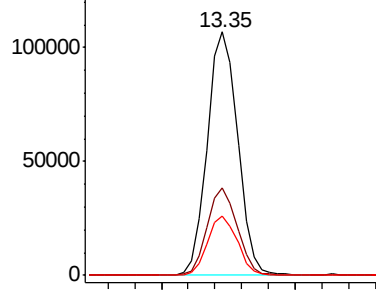
#45
2-Fluorobiphenyl
Concen: 22.435 ng
RT: 13.35 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.4	45.6
170	24.1	19.8	29.6

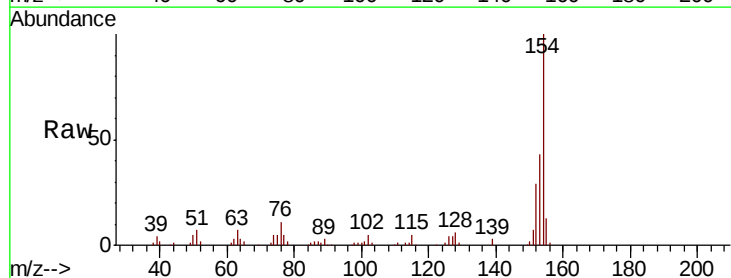


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

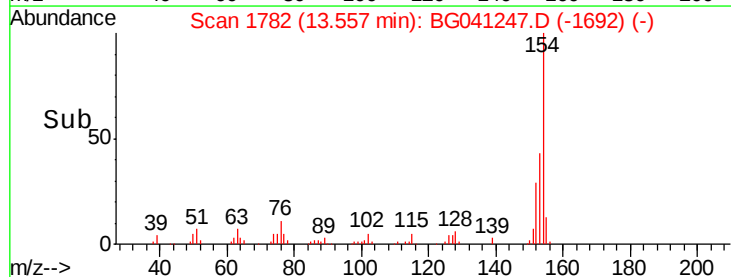
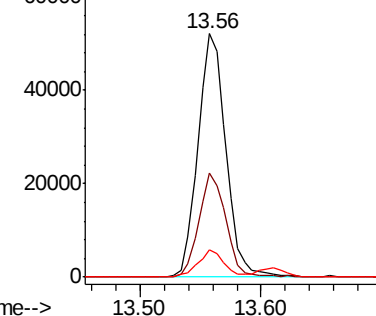


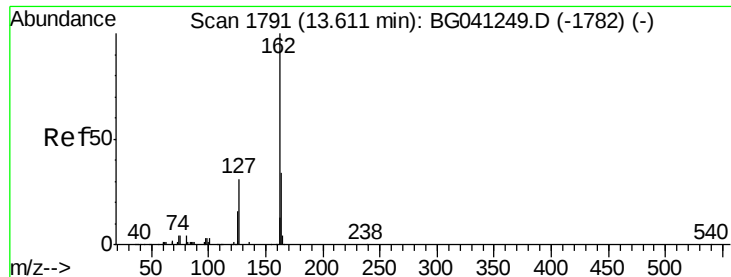
#46
1,1'-Biphenyl
Concen: 10.438 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.8	62.8
76	11.3	0.0	31.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGO





#47

2-Chloronaphthalene

Concen: 10.646 ng

RT: 13.61 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_G

ClientSampleId :

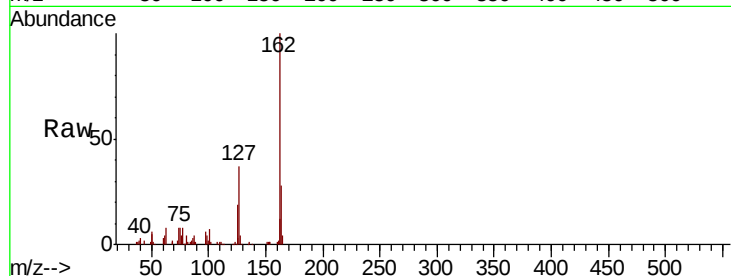
Tot Ion:162 Resp: 73321

Ion Ratio Lower Upper

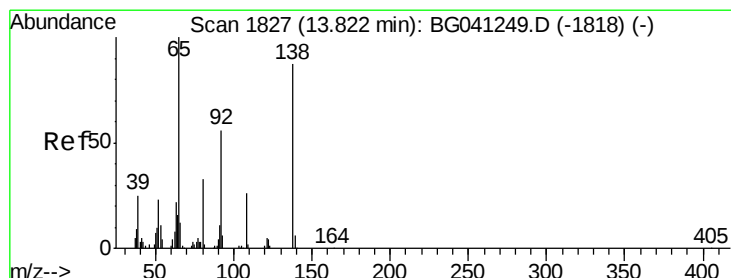
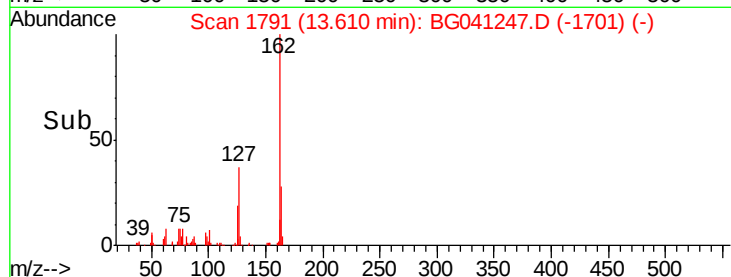
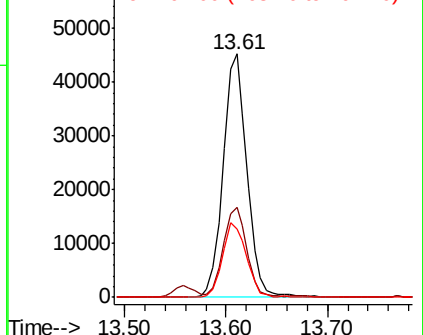
162 100

127 37.0 28.5 42.7

164 28.3 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: 9.614 ng

RT: 13.82 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

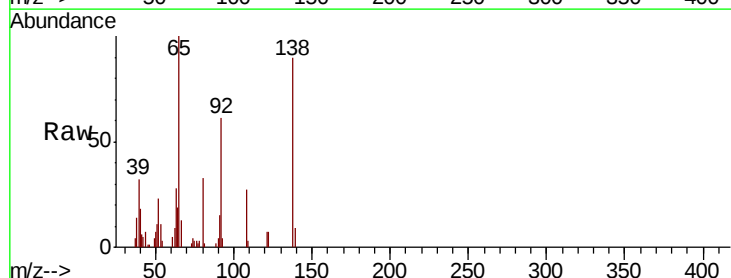
Tgt Ion: 65 Resp: 23753

Ion Ratio Lower Upper

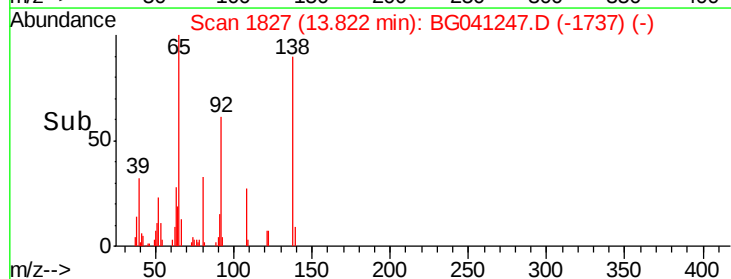
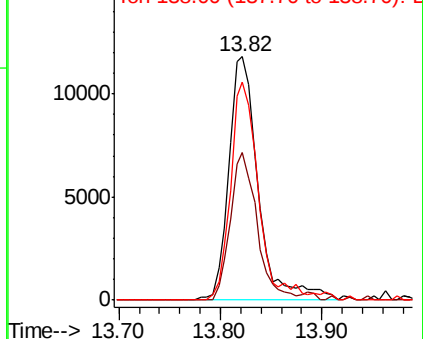
65 100

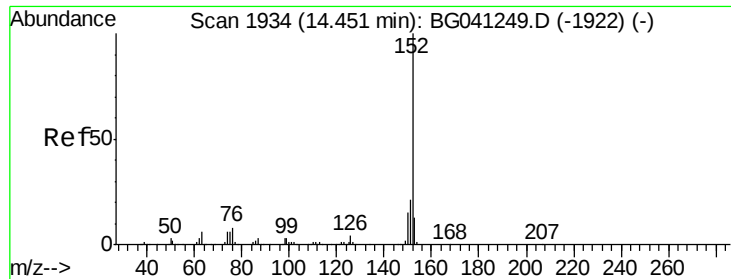
92 60.6 44.6 66.8

138 89.7 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: 10.238 ng

RT: 14.45 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_G

ClientSampleId :

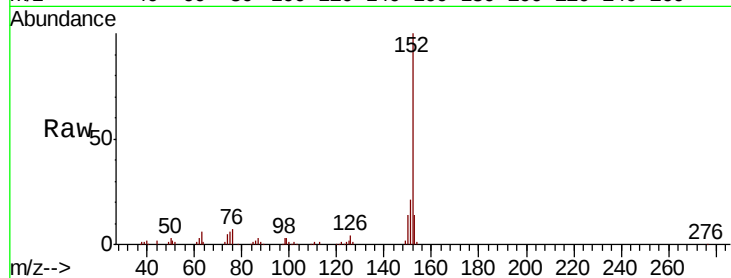
Tot Ion:152 Resp: 106125

Ion Ratio Lower Upper

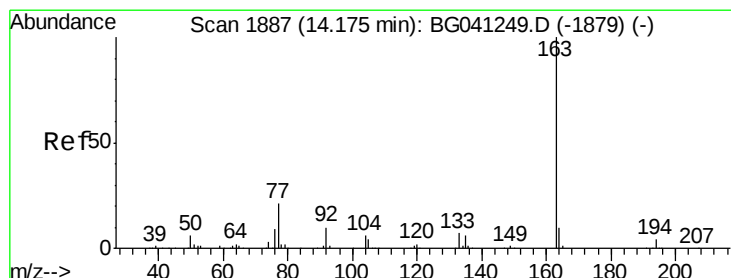
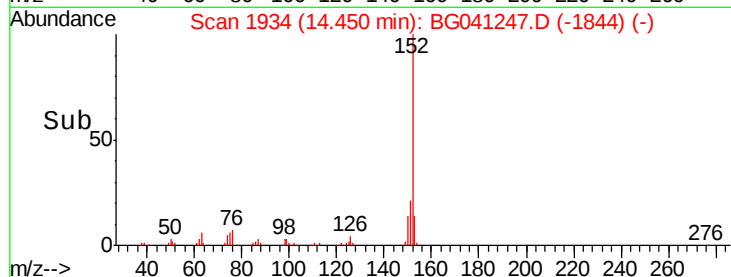
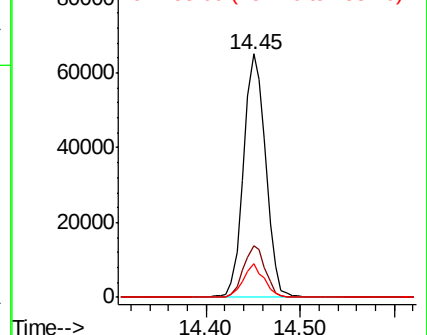
152 100

151 20.9 16.7 25.1

153 14.0 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: 9.927 ng

RT: 14.17 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

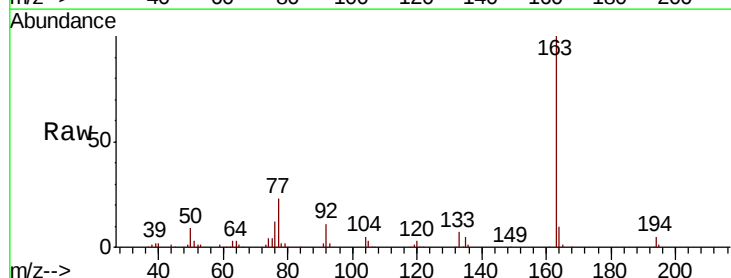
Tgt Ion:163 Resp: 91076

Ion Ratio Lower Upper

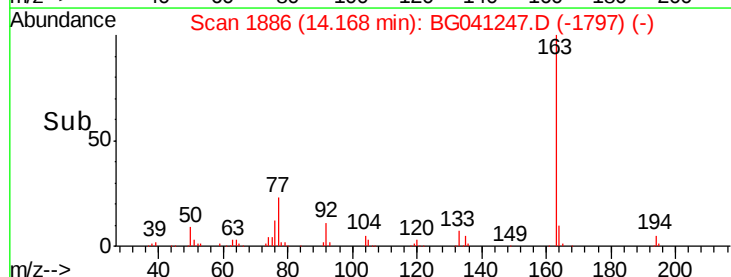
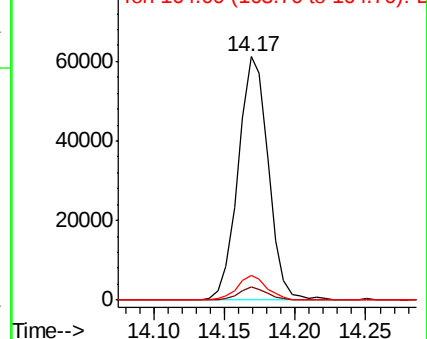
163 100

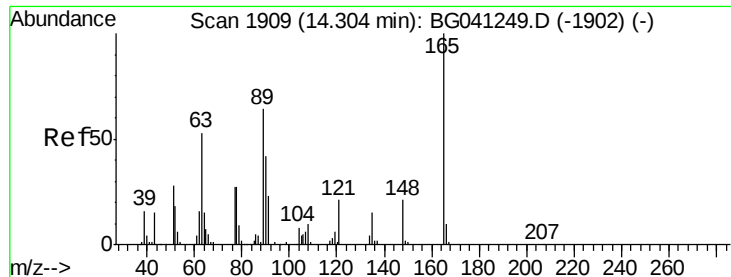
194 5.2 3.5 5.3

164 10.1 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

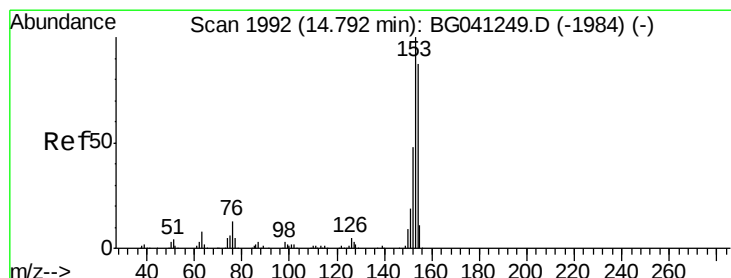
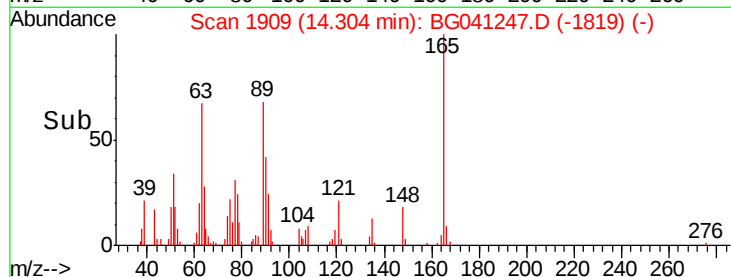
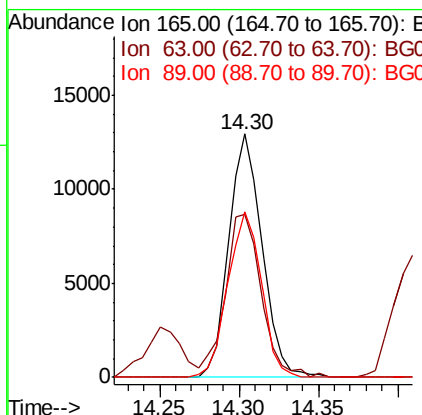
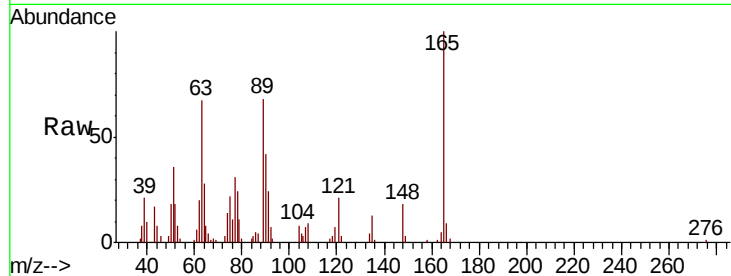




#51
 2,6-Dinitrotoluene
 Concen: 9.527 ng
 RT: 14.30 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: BG041247.D
 Acq: 14 Jun 2019 10:31

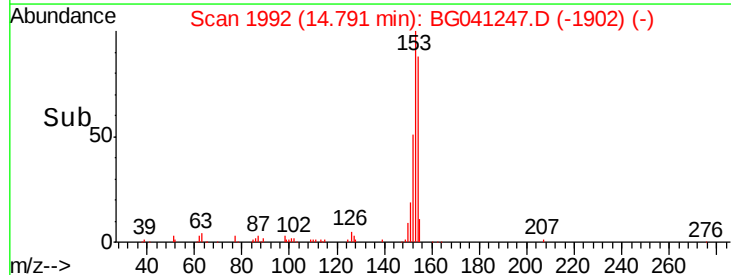
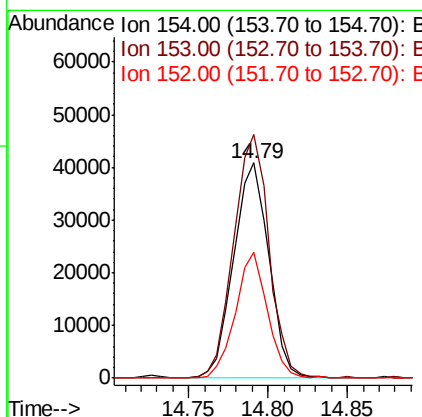
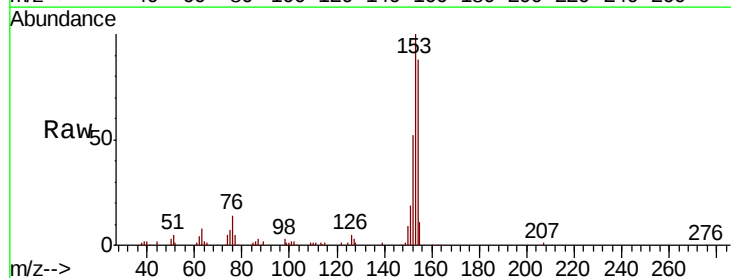
Instrument :
 BNA_G
 ClientSampleId :

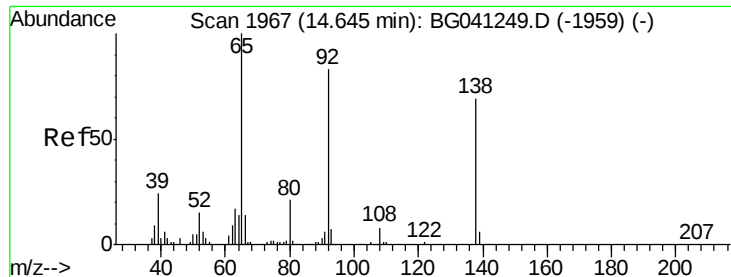
Tot Ion	Ratio	Lower	Upper
165	100		
63	66.7	53.8	80.8
89	67.8	51.0	76.4



#52
 Acenaphthene
 Concen: 10.031 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: BG041247.D
 Acq: 14 Jun 2019 10:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	92.3	138.5
152	58.4	44.0	66.0





#53

3-Nitroaniline

Concen: 8.680 ng

RT: 14.64 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_G

ClientSampleId :

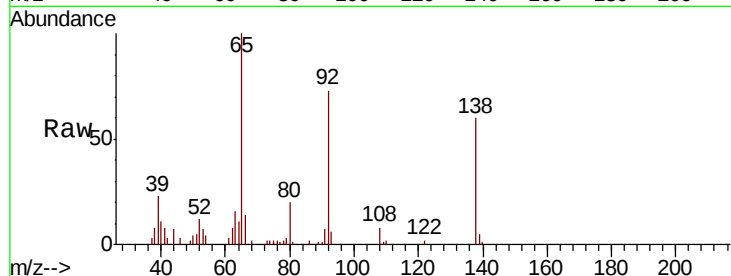
Tot Ion:138 Resp: 17170

Ion Ratio Lower Upper

138 100

108 13.0 8.8 13.2

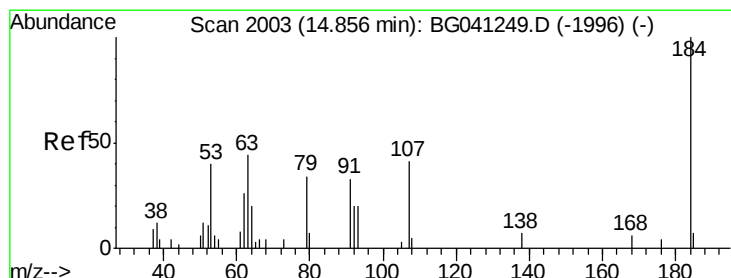
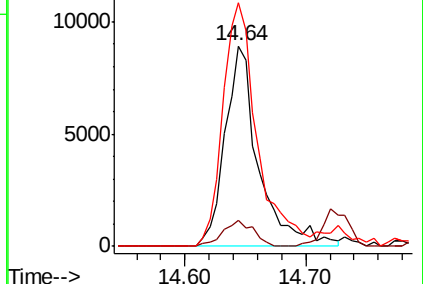
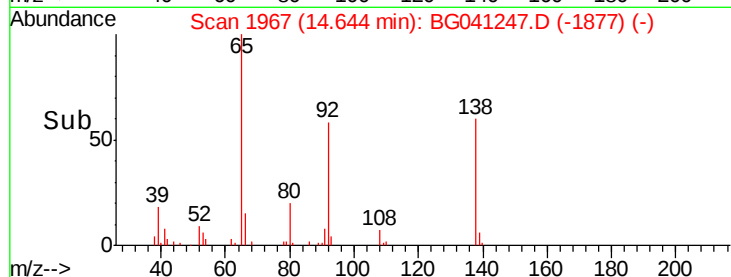
92 121.6 96.8 145.2



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: 0.372 ng

RT: 14.89 min Scan# 2008

Delta R.T. 0.03 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

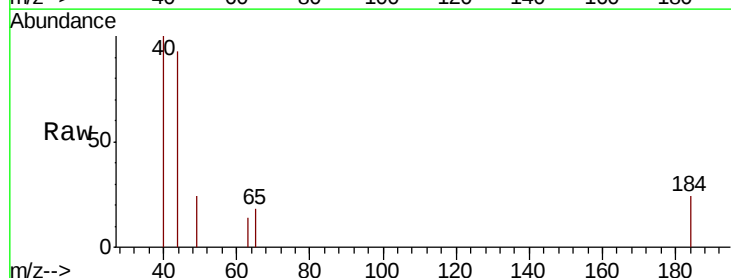
Tgt Ion:184 Resp: 285

Ion Ratio Lower Upper

184 100

63 60.9 43.2 64.8

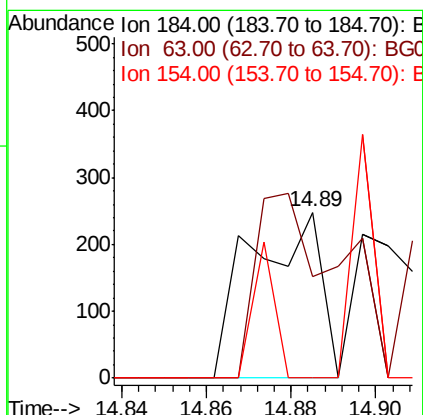
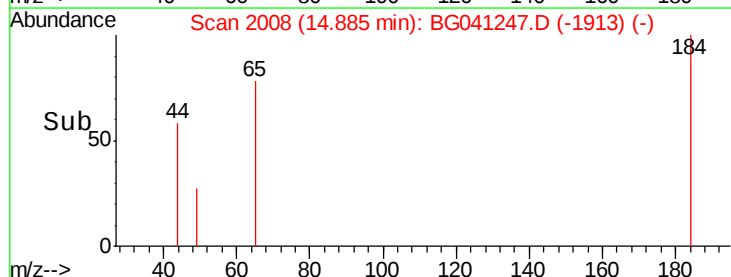
154 0.0 43.1 64.7#

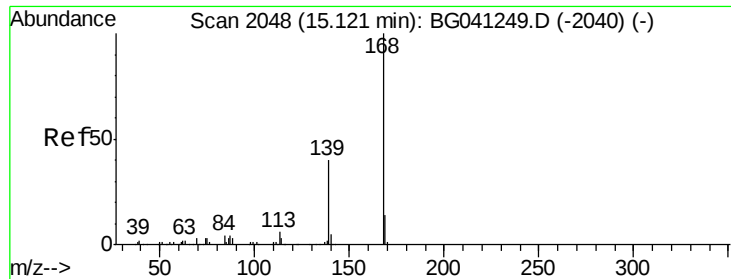


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

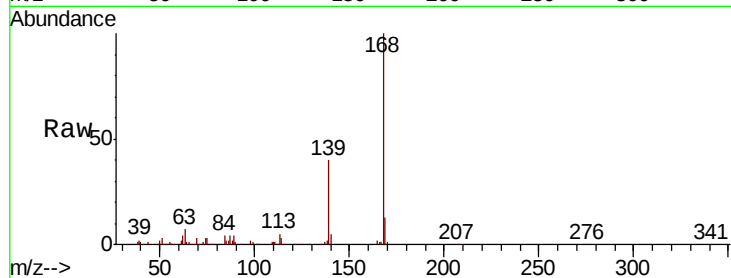




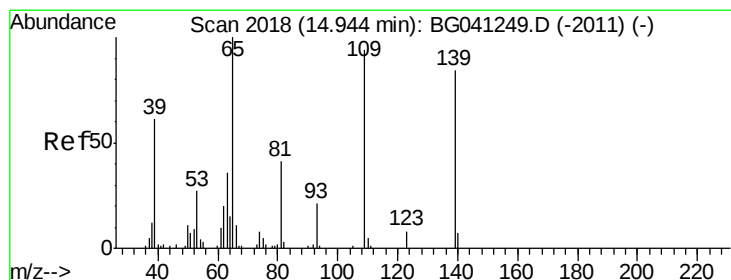
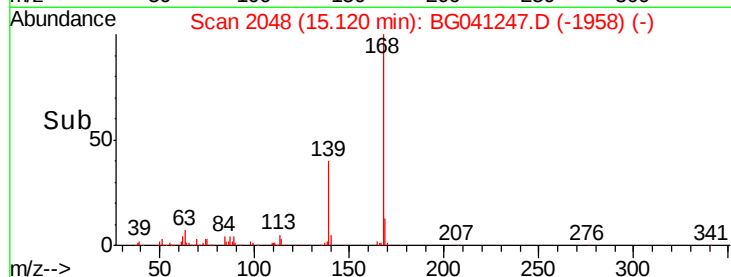
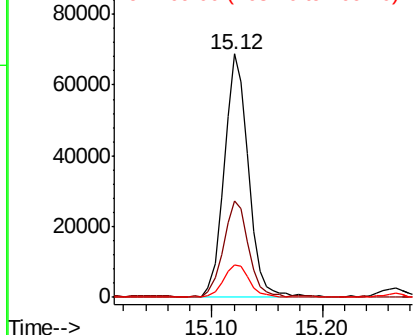
#55
Dibenzenofuran
Concen: 9.964 ng
RT: 15.12 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	32.0	48.0
169	13.2	11.2	16.8

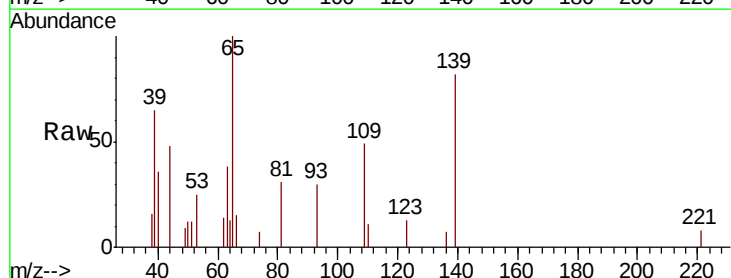


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

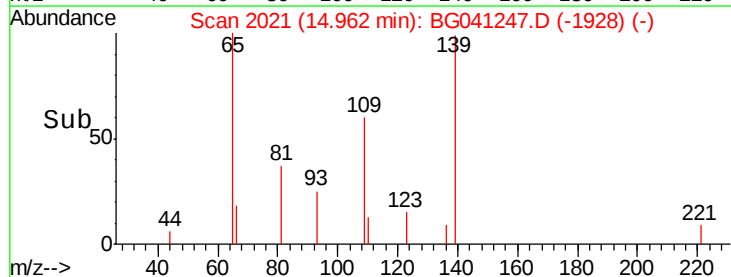
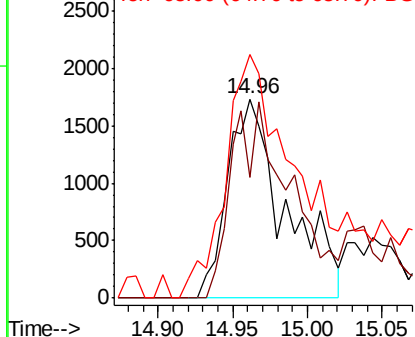


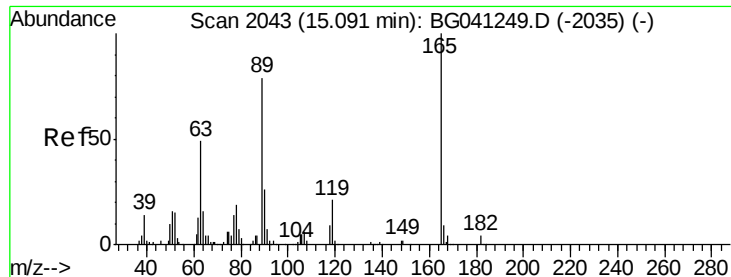
#56
4-Nitrophenol
Concen: 3.440 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.02 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.5	92.6	132.6#
65	122.2	101.0	141.0



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

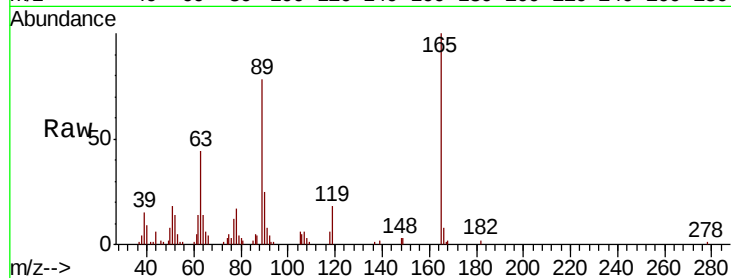




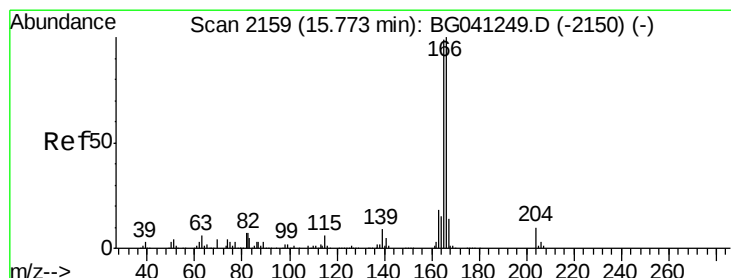
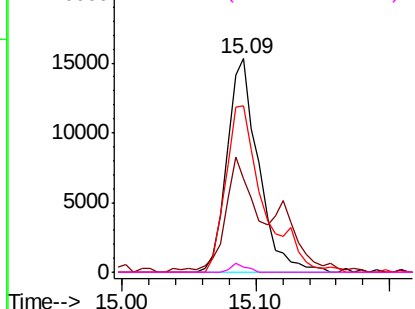
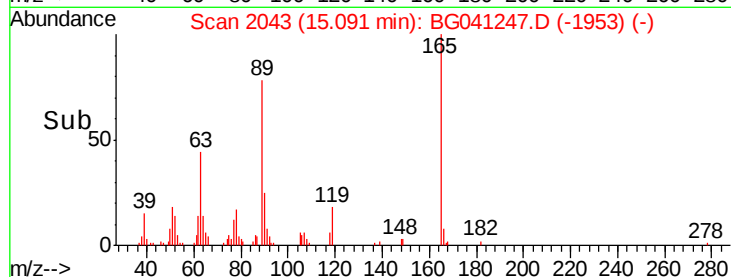
#57
 2,4-Dinitrotoluene
 Concen: 9.008 ng
 RT: 15.09 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BG041247.D
 Acq: 14 Jun 2019 10:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 25171
 Ion Ratio Lower Upper
 165 100
 63 43.6 39.4 59.2
 89 78.0 62.8 94.2
 182 2.4 2.8 4.2#

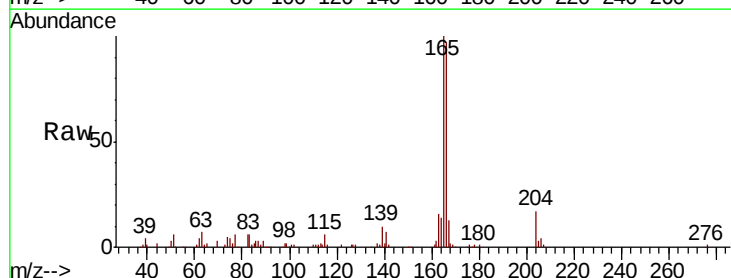


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

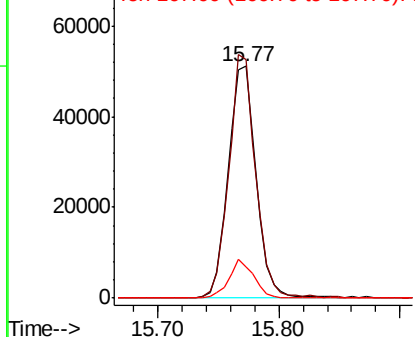
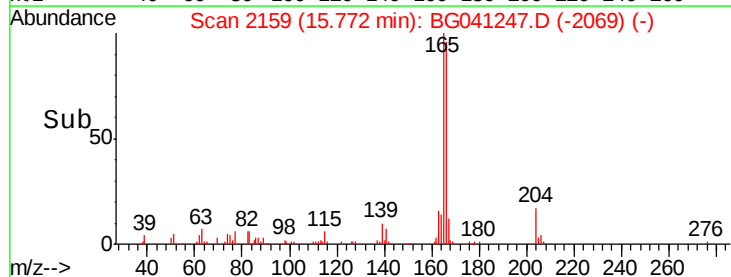


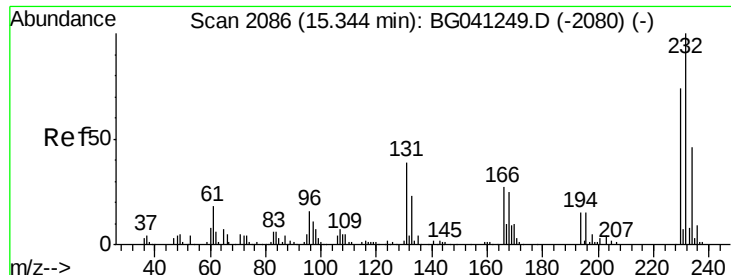
#58
 Fluorene
 Concen: 9.748 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG041247.D
 Acq: 14 Jun 2019 10:31

Tgt Ion:166 Resp: 82026
 Ion Ratio Lower Upper
 166 100
 165 103.1 79.4 119.0
 167 13.2 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

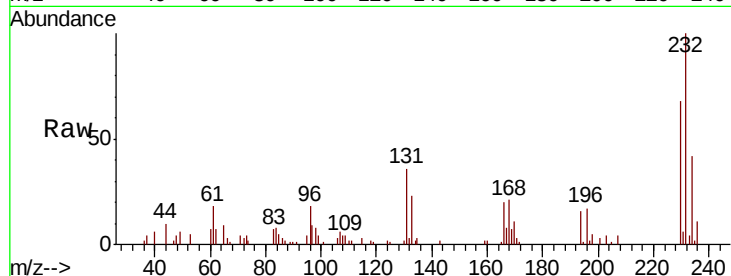




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 6.894 ng
 RT: 15.34 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BG041247.D
 Acq: 14 Jun 2019 10:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.1	30.3	45.5
130	1.3	1.8	2.8
166	30.1	21.0	31.4



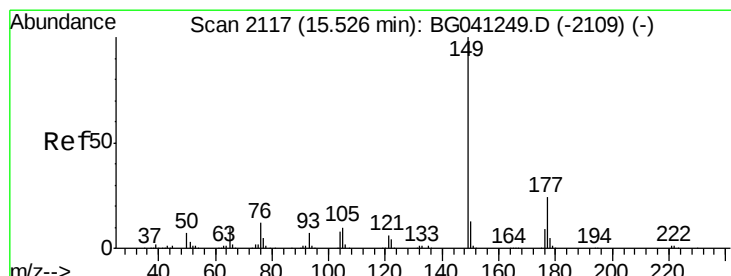
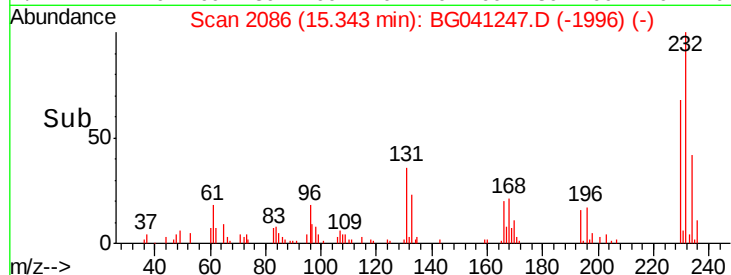
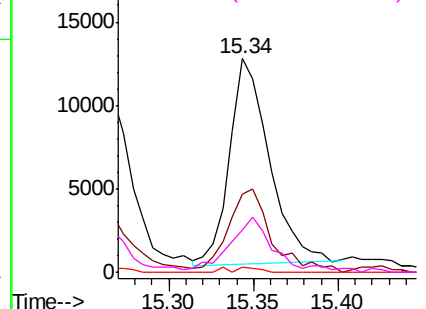
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

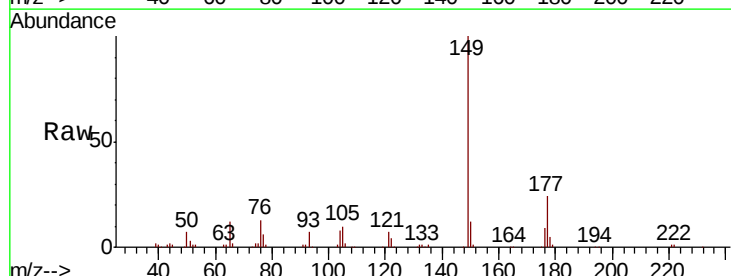
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 9.542 ng
 RT: 15.52 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BG041247.D
 Acq: 14 Jun 2019 10:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.0	28.4
150	12.2	10.6	16.0

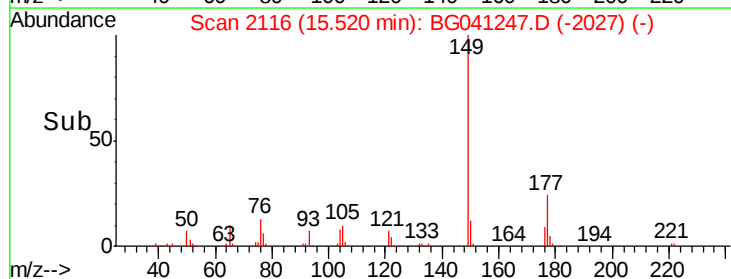
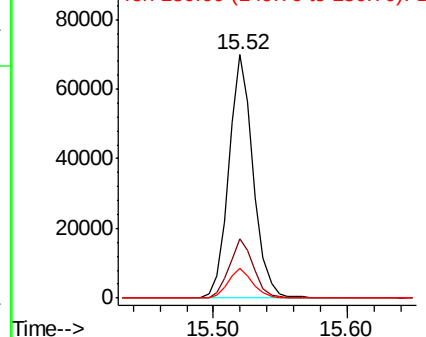


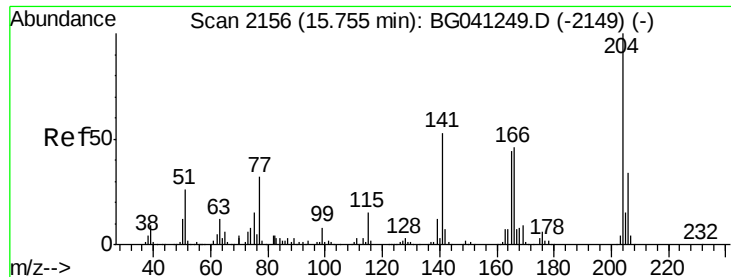
Abundance

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

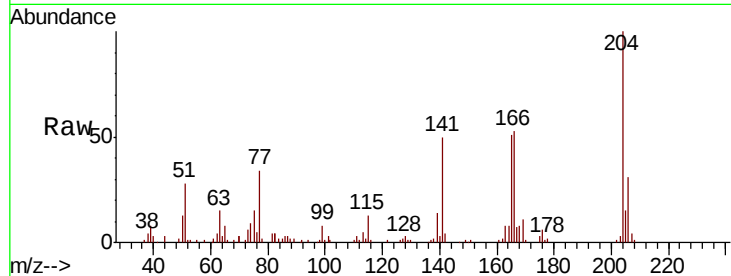




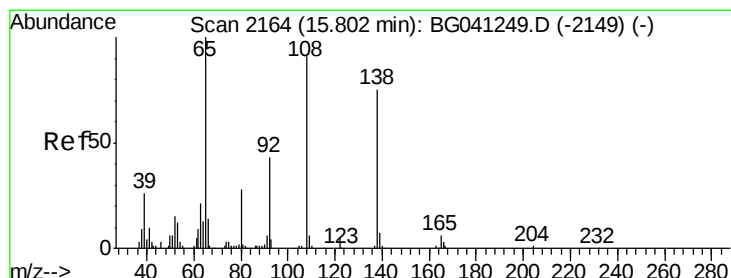
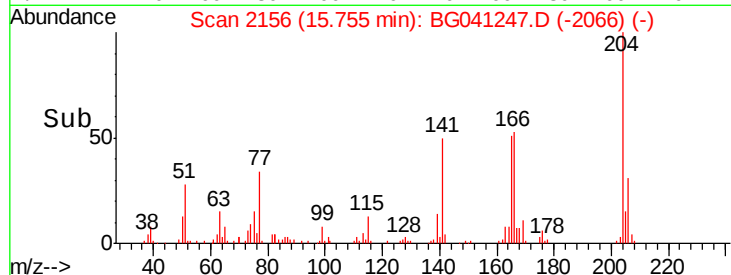
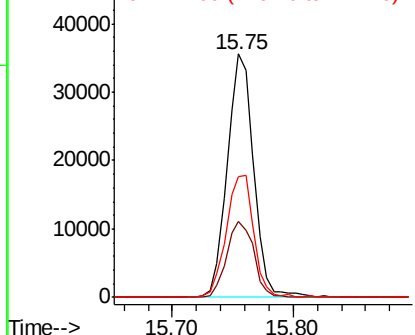
#61
 4-Chlorophenyl-phenylether
 Concen: 9.873 ng
 RT: 15.75 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BG041247.D
 Acq: 14 Jun 2019 10:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.1	27.3	40.9
141	49.7	42.6	63.8

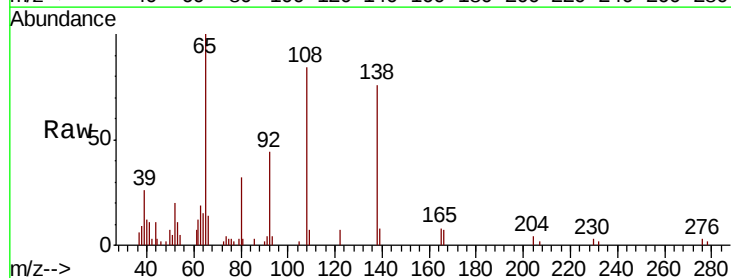


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

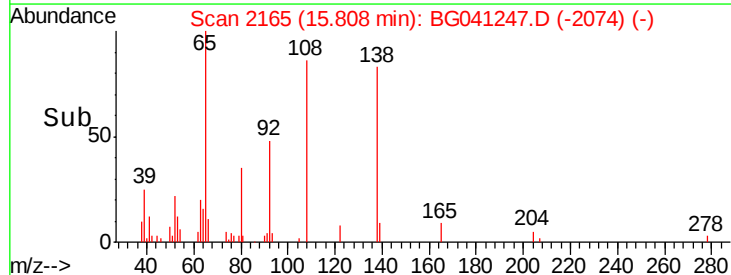
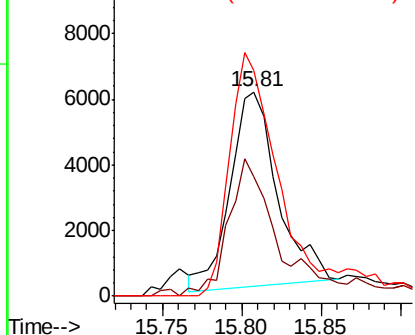


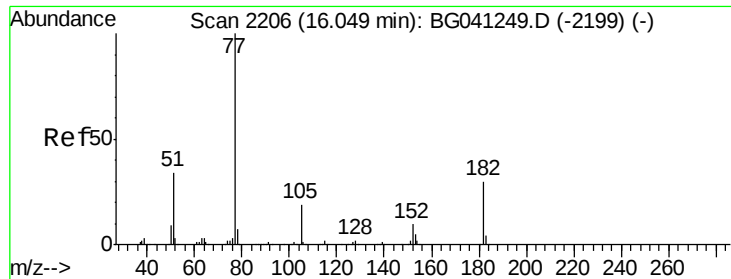
#62
 4-Nitroaniline
 Concen: 5.901 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.01 min
 Lab File: BG041247.D
 Acq: 14 Jun 2019 10:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.5	36.9	76.9
108	110.3	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

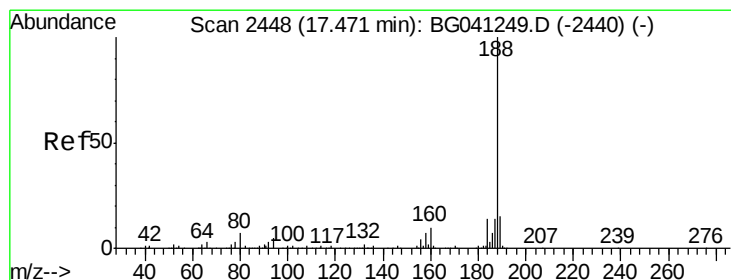
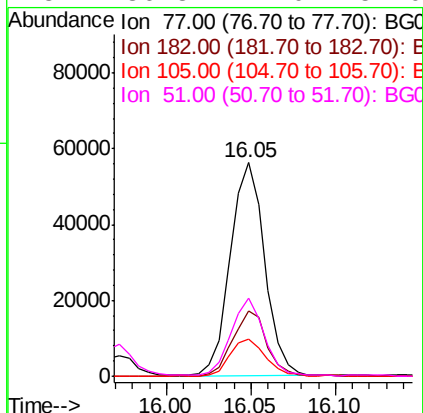
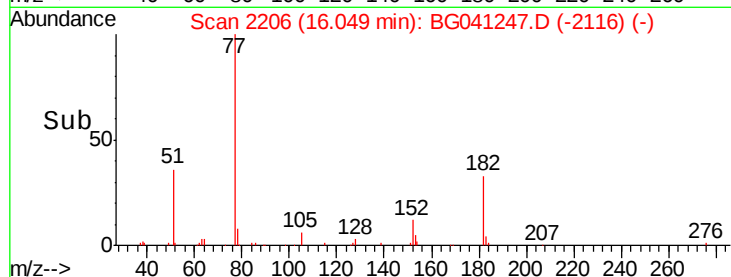
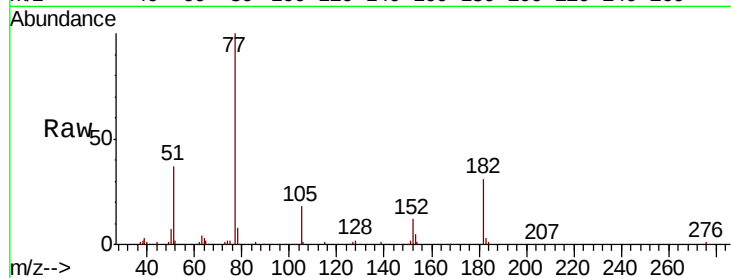




#63
Azobenzene
Concen: 9.343 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

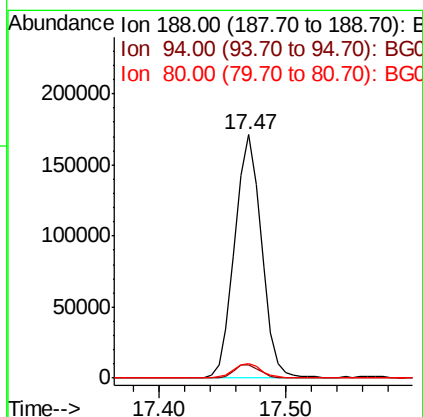
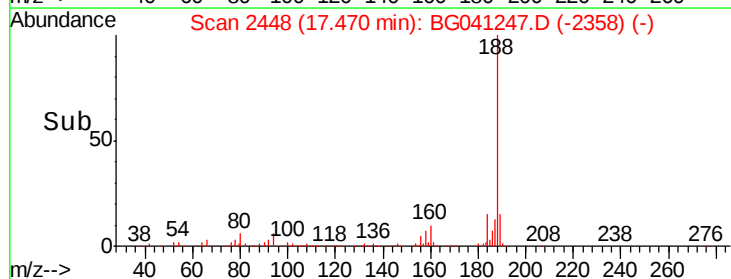
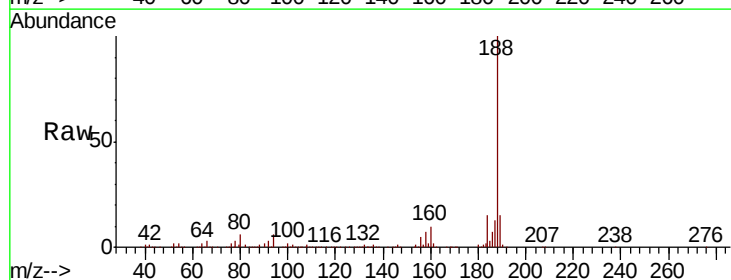
Instrument :
BNA_G
ClientSampleId :

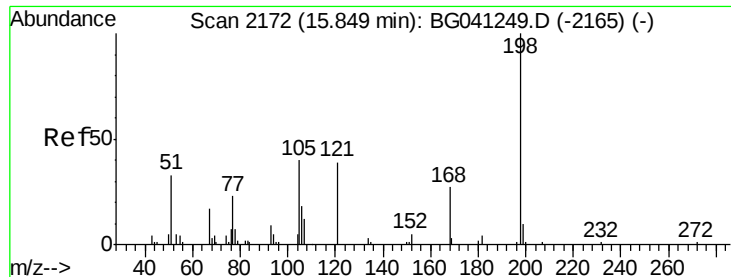
Tot Ion: 77 Resp: 79505
Ion Ratio Lower Upper
77 100
182 30.8 9.9 49.9
105 17.6 0.0 38.7
51 36.8 14.0 54.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Tgt Ion: 188 Resp: 251814
Ion Ratio Lower Upper
188 100
94 5.6 4.0 6.0
80 6.0 5.5 8.3





#65

4,6-Dinitro-2-methylphenol

Concen: 2.459 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_G

ClientSampleId :

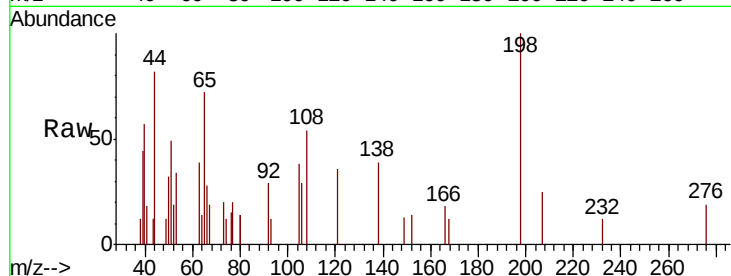
Tot Ion:198 Resp: 2971

Ion Ratio Lower Upper

198 100

51 49.1 28.0 68.0

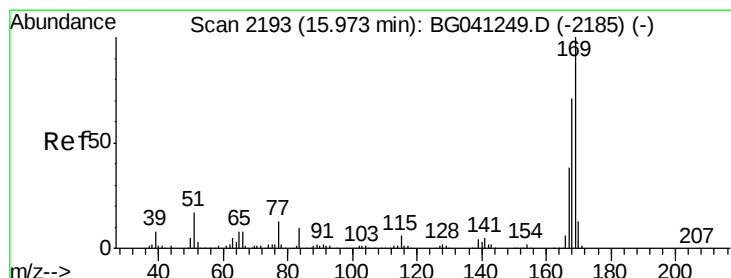
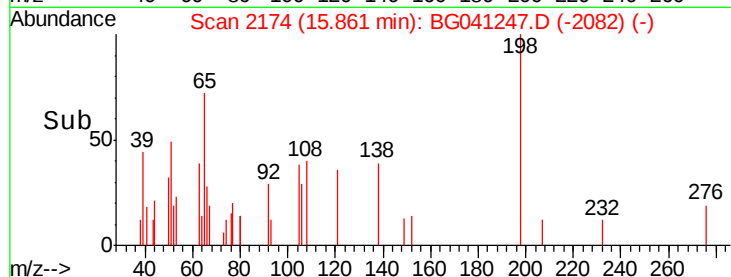
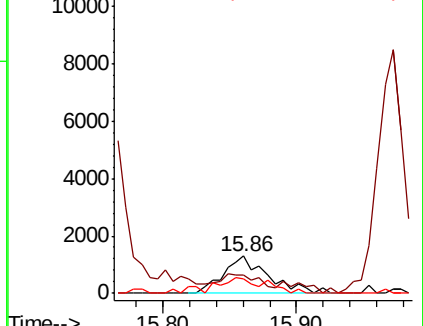
105 37.9 22.9 62.9



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: 9.896 ng

RT: 15.97 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

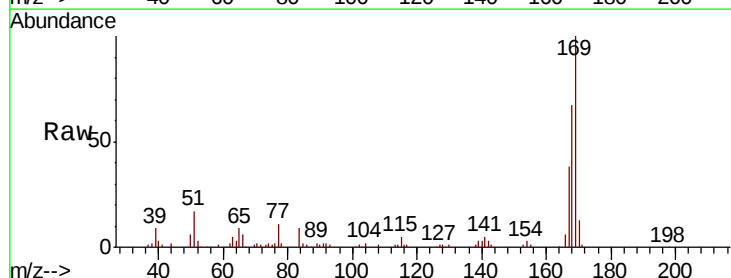
Tgt Ion:169 Resp: 70052

Ion Ratio Lower Upper

169 100

168 66.9 56.9 85.3

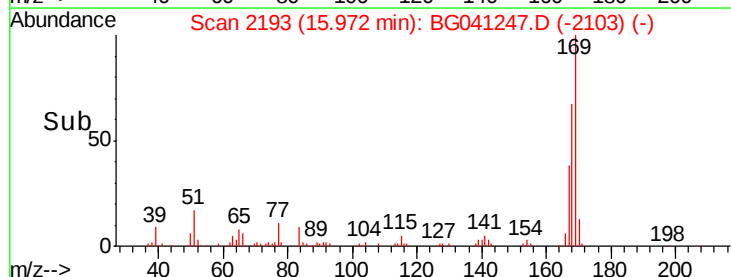
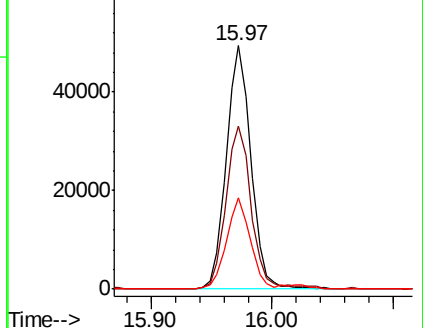
167 37.6 30.5 45.7

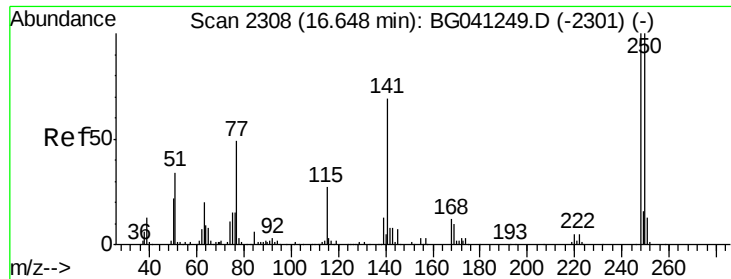


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

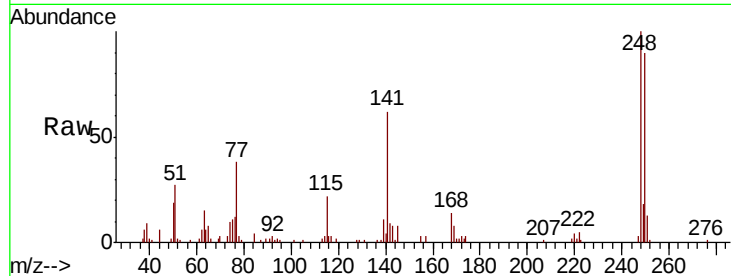




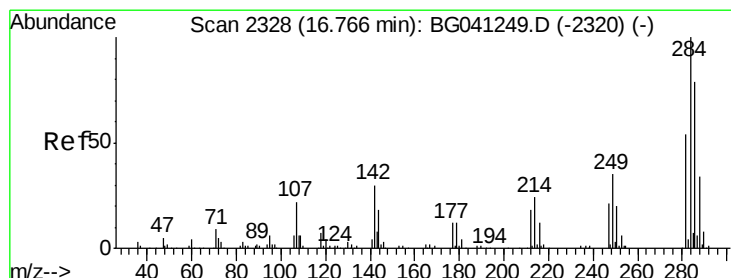
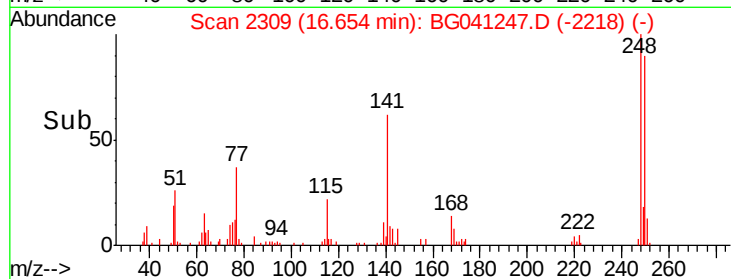
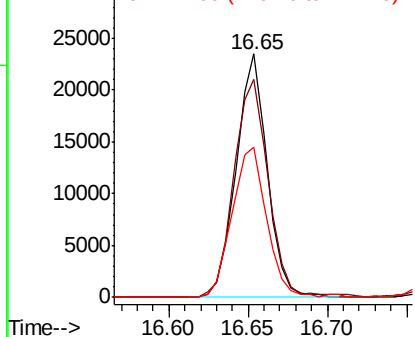
#67
4-Bromophenyl-phenylether
Concen: 9.408 ng
RT: 16.65 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 31971
Ion Ratio Lower Upper
248 100
250 89.7 80.0 120.0
141 61.6 55.5 83.3

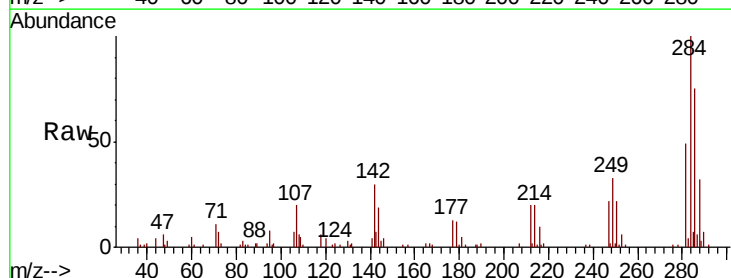


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

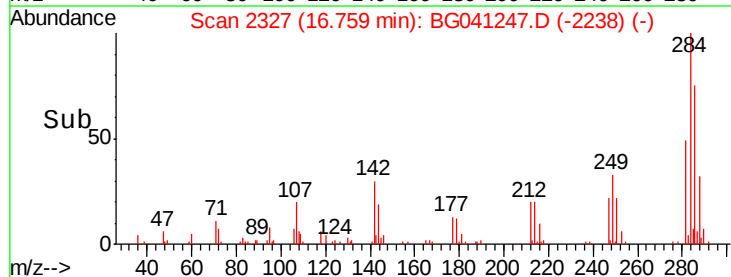
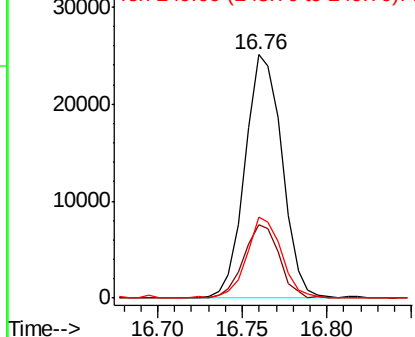


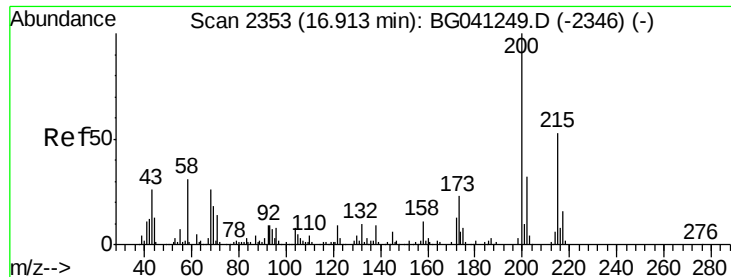
#68
Hexachlorobenzene
Concen: 10.590 ng
RT: 16.76 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Tgt Ion:284 Resp: 38322
Ion Ratio Lower Upper
284 100
142 30.3 24.2 36.4
249 33.2 28.2 42.2



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





#69

Atrazine

Concen: 10.556 ng

RT: 16.91 min Scan# 2353

Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_G

ClientSampleId :

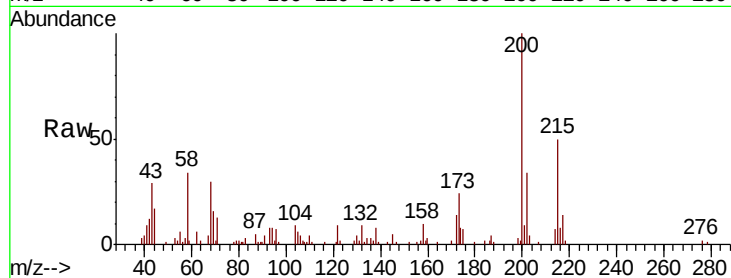
Tot Ion:200 Resp: 28832

Ion Ratio Lower Upper

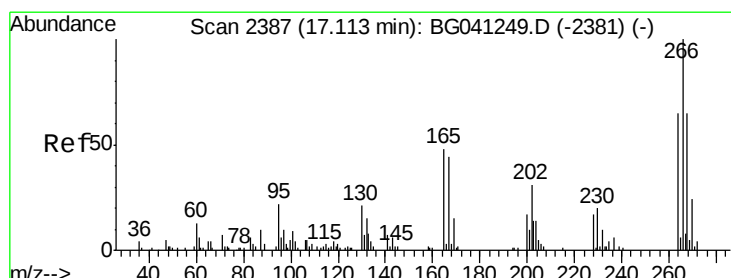
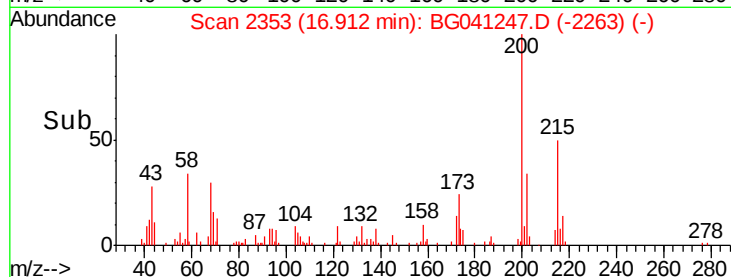
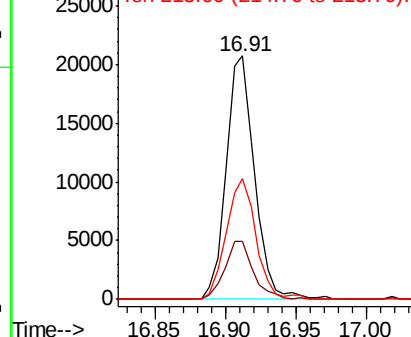
200 100

173 23.6 3.2 43.2

215 49.8 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: 3.241 ng

RT: 17.13 min Scan# 2390

Delta R.T. 0.02 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

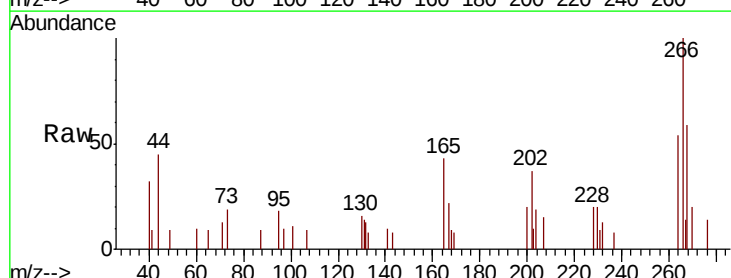
Tgt Ion:266 Resp: 5684

Ion Ratio Lower Upper

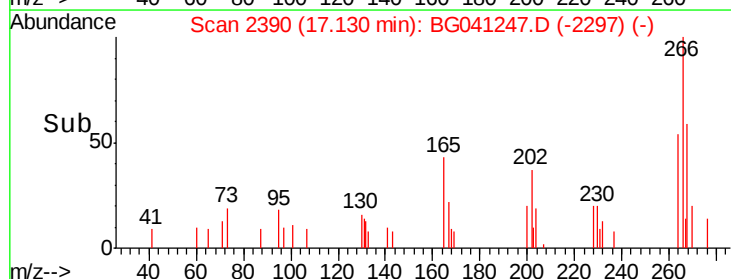
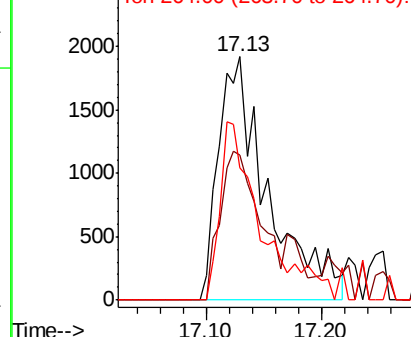
266 100

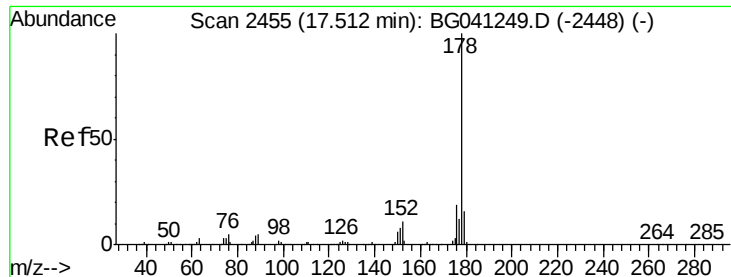
268 59.4 51.7 77.5

264 54.3 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

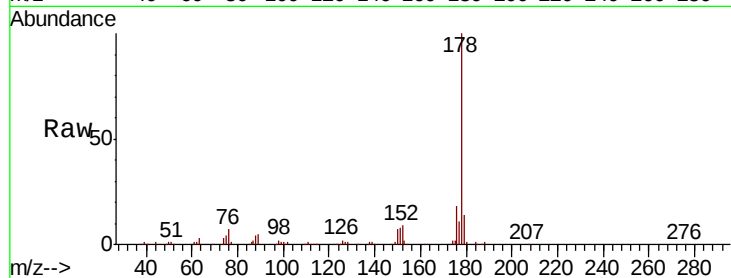




#71
Phenanthrene
Concen: 10.543 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	13.9	13.0	19.6

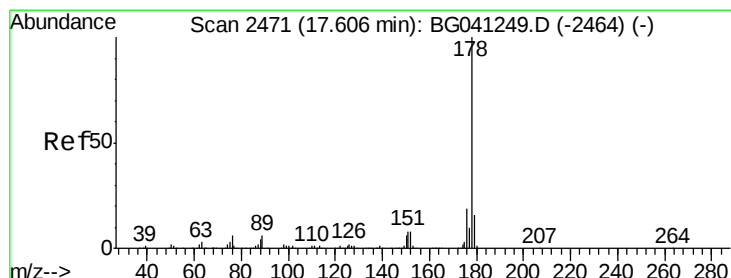
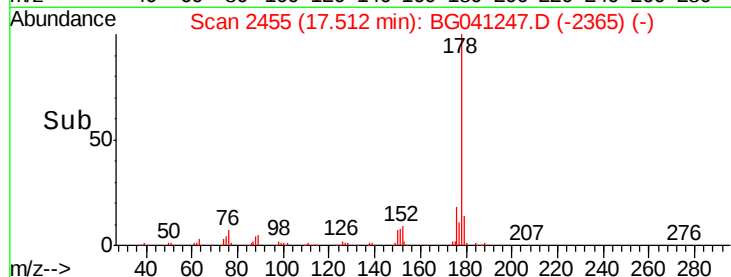
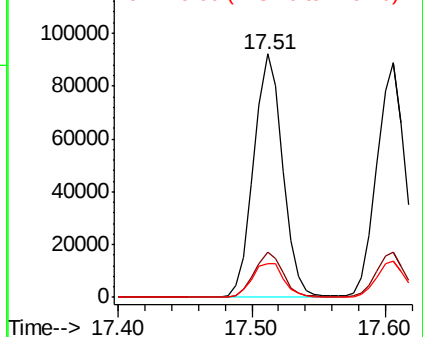


Abundance

Ion 178.00 (177.70 to 178.70): E

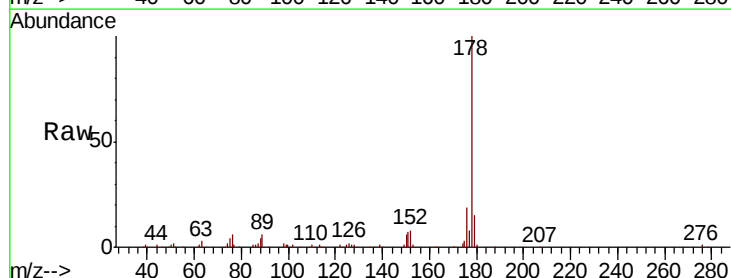
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 10.331 ng
RT: 17.61 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.4	12.4	18.6

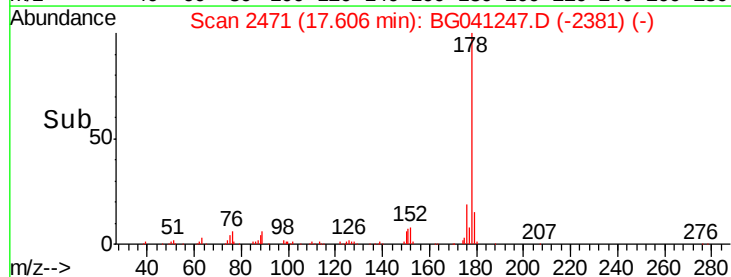
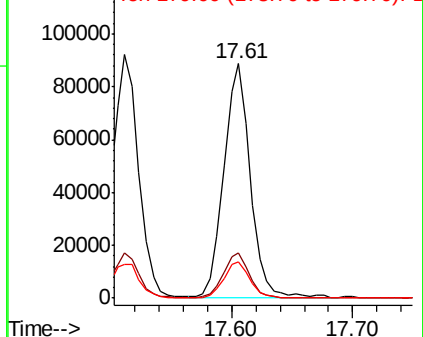


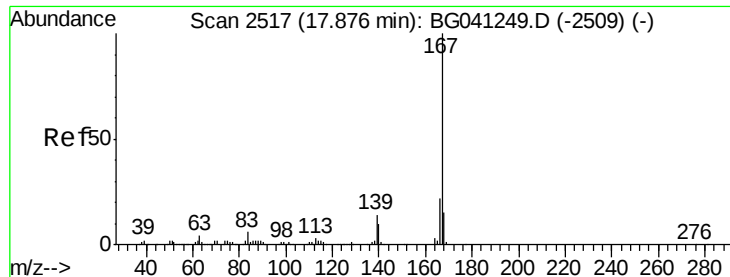
Abundance

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: 10.078 ng

RT: 17.88 min Scan# 2518

Delta R.T. 0.01 min

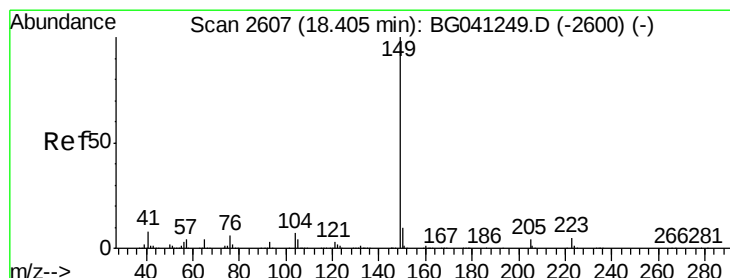
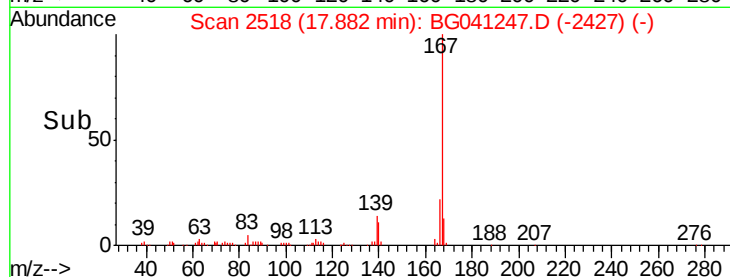
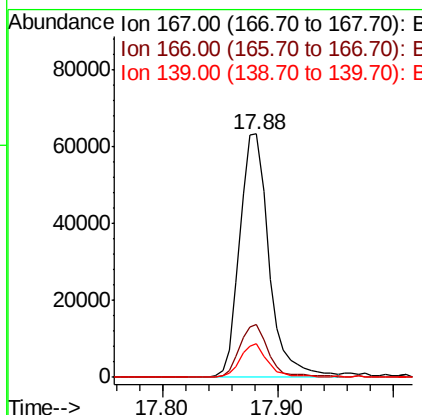
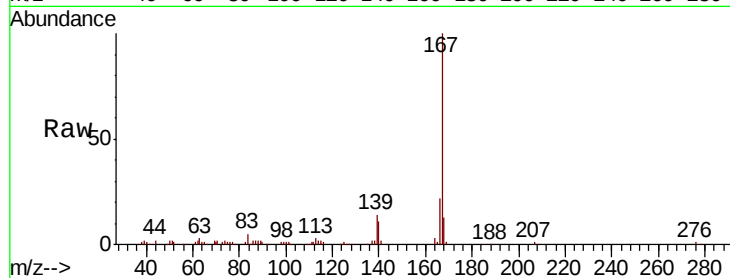
Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:167 Resp: 111868

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.6	10.9	16.3



#74

Di-n-butylphthalate

Concen: 10.217 ng

RT: 18.40 min Scan# 2607

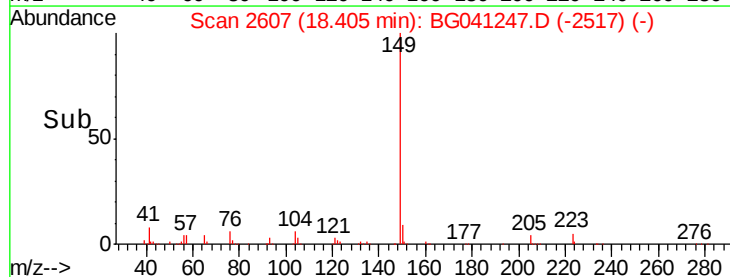
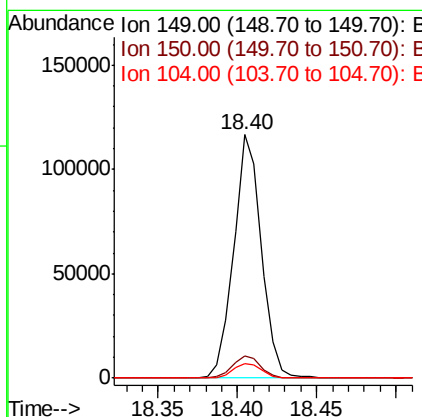
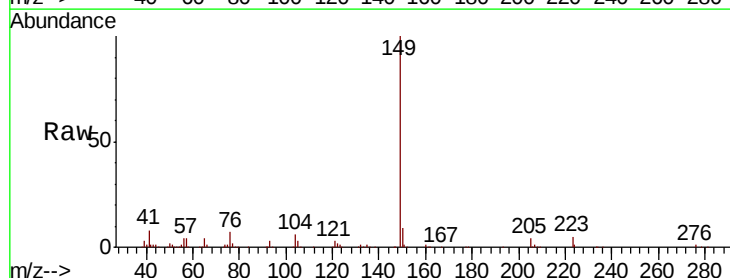
Delta R.T. -0.00 min

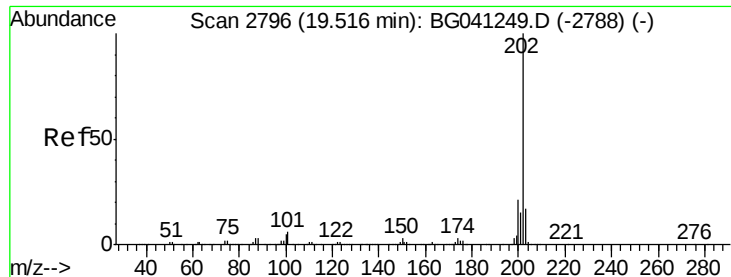
Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

Tgt Ion:149 Resp: 140951

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.9	11.9
104	6.0	5.2	7.8





#75

Fluoranthene

Concen: 10.727 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_G

ClientSampleId :

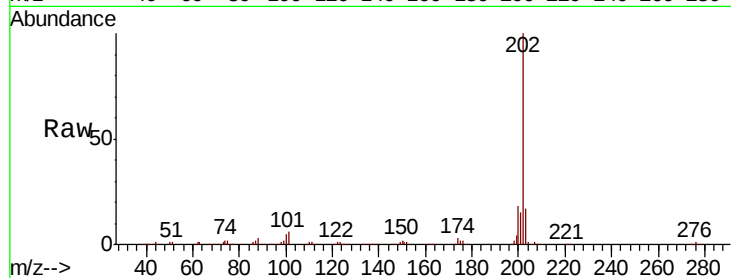
Tot Ion:202 Resp: 173792

Ion Ratio Lower Upper

202 100

101 5.9 0.0 25.9

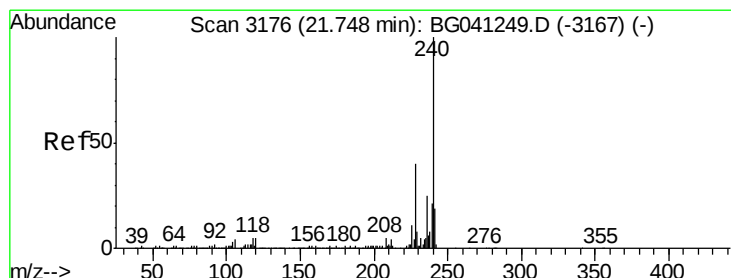
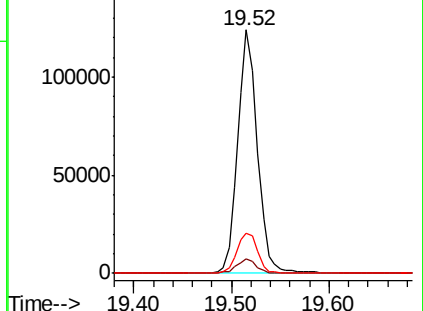
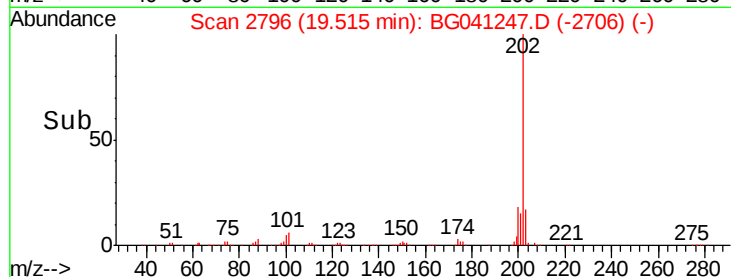
203 16.6 0.0 37.5



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: BG041247.D

Acq: 14 Jun 2019 10:31

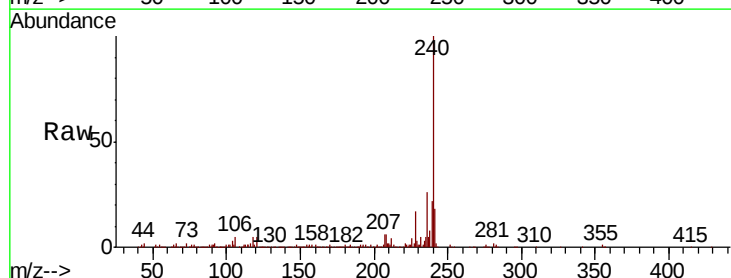
Tgt Ion:240 Resp: 243005

Ion Ratio Lower Upper

240 100

120 4.8 4.1 6.1

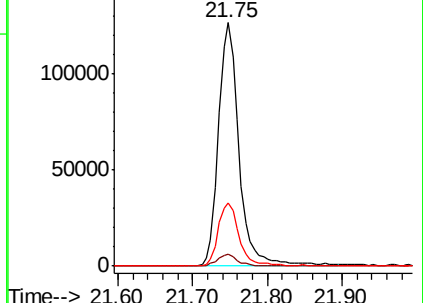
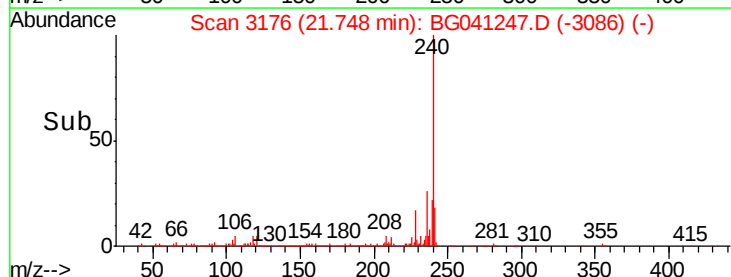
236 26.1 19.9 29.9

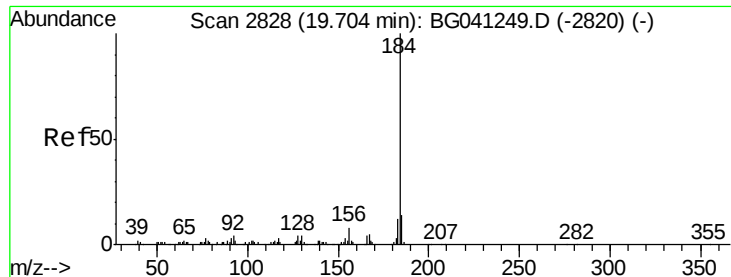


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.159 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.01 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

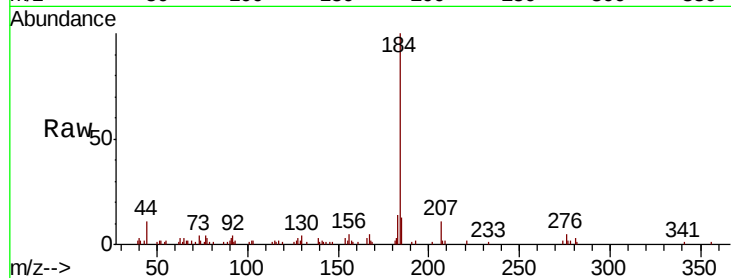
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 41501

Ion	Ratio	Lower	Upper
184	100		
185	13.0	11.5	17.3
183	13.7	9.6	14.4

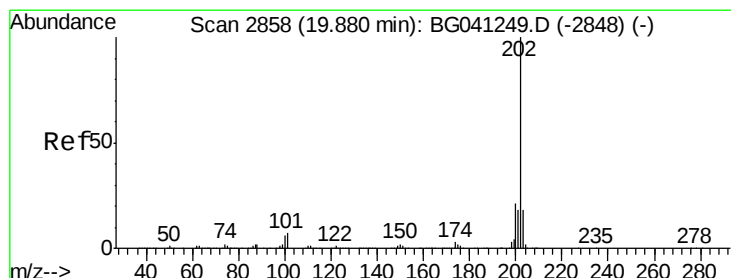
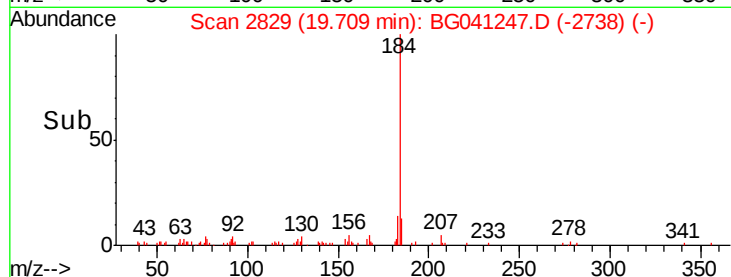
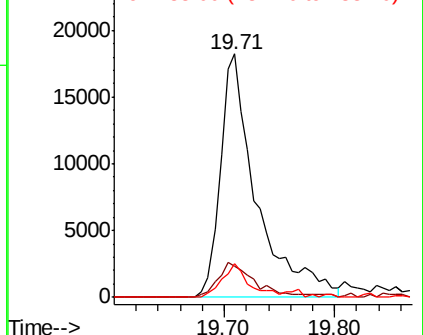


Abundance

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: 11.352 ng

RT: 19.88 min Scan# 2858

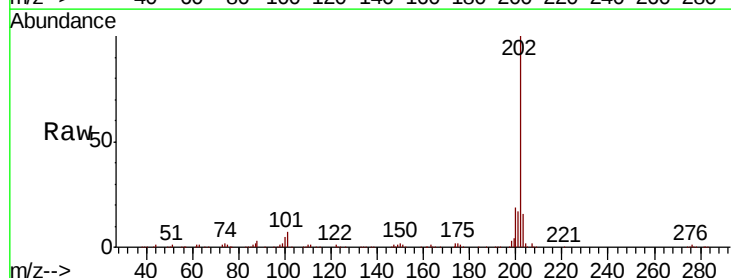
Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

Tgt Ion:202 Resp: 179322

Ion	Ratio	Lower	Upper
202	100		
200	19.3	17.0	25.4
203	15.8	14.5	21.7

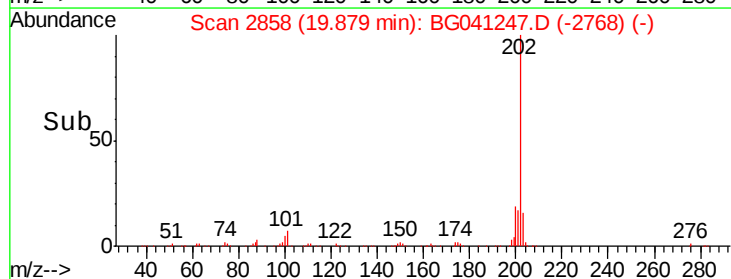
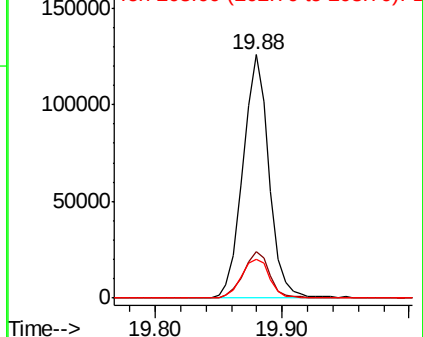


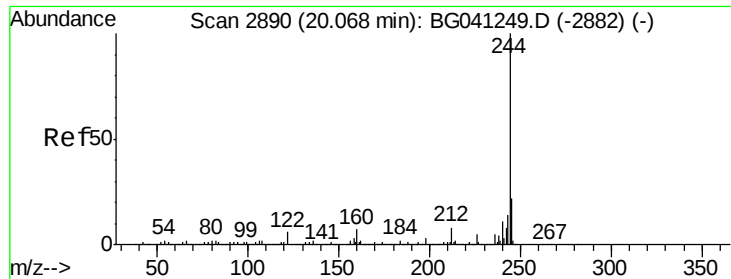
Abundance

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: 23.615 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_G

ClientSampleId :

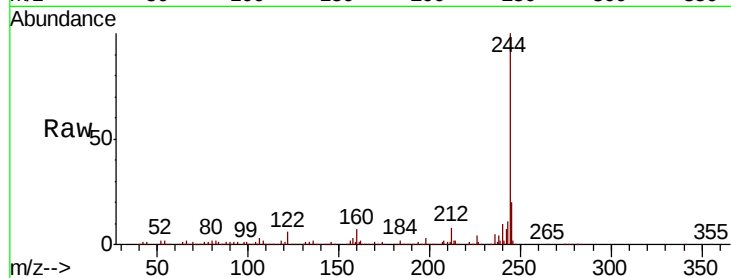
Tot Ion:244 Resp: 270392

Ion Ratio Lower Upper

244 100

212 7.5 6.6 9.8

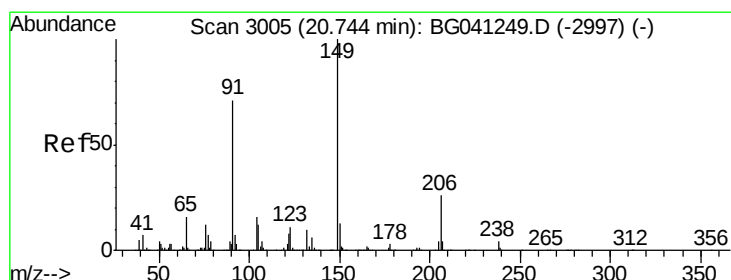
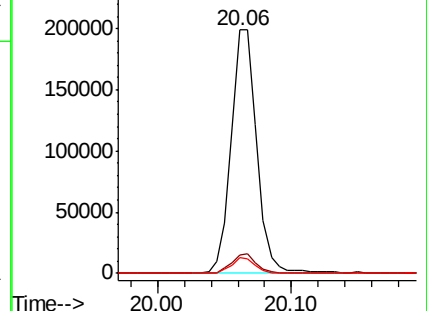
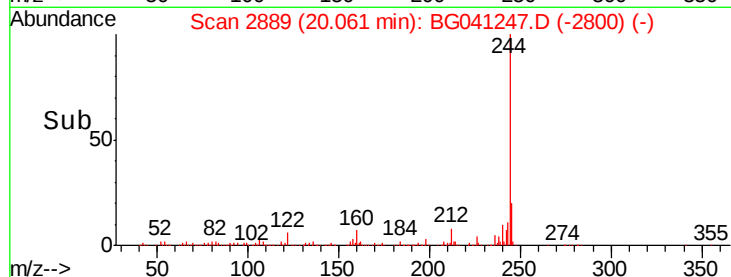
122 6.5 4.6 7.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 10.476 ng

RT: 20.74 min Scan# 3005

Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

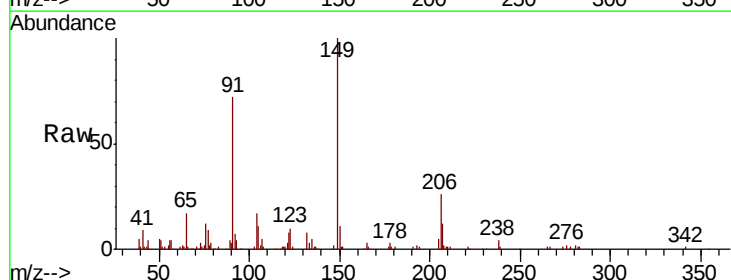
Tgt Ion:149 Resp: 64404

Ion Ratio Lower Upper

149 100

91 72.2 56.5 84.7

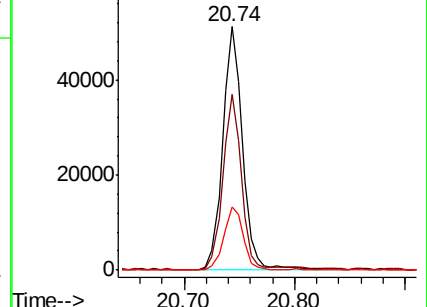
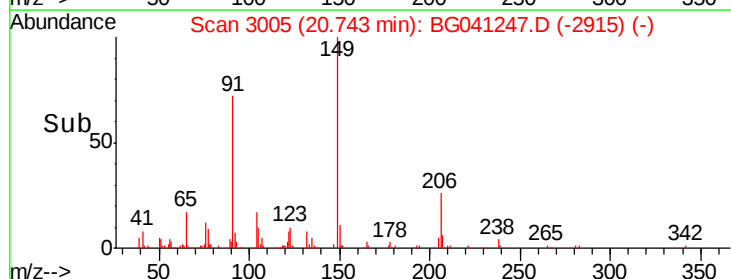
206 25.8 21.0 31.4

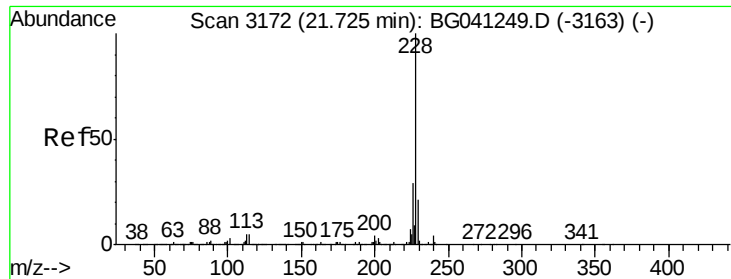


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 10.079 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_G

ClientSampleId :

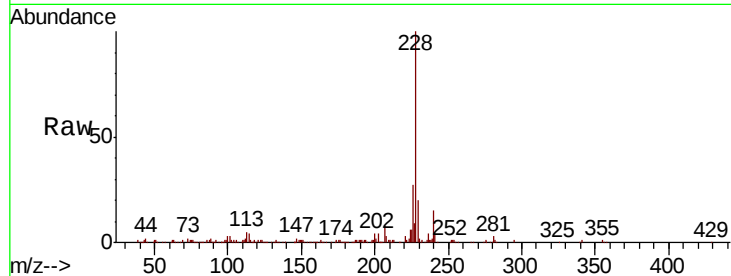
Tot Ion:228 Resp: 163035

Ion	Ratio	Lower	Upper
228	100		
226	26.5	23.1	34.7
229	19.5	16.6	24.8

228 100

226 26.5 23.1 34.7

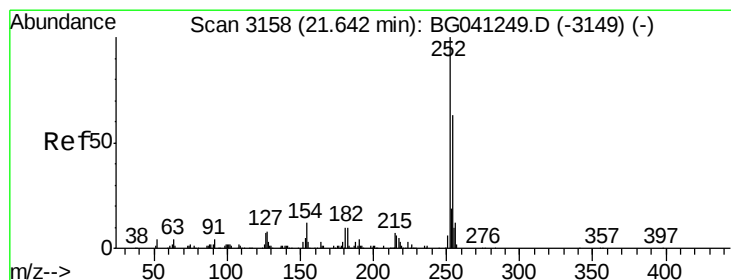
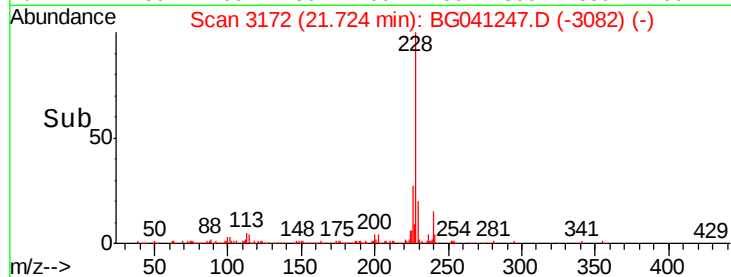
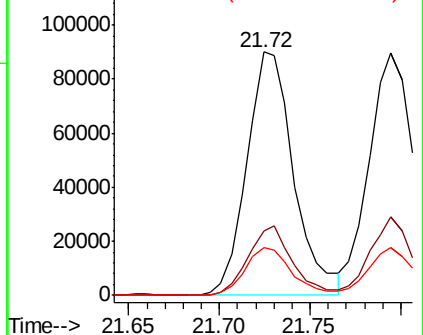
229 19.5 16.6 24.8



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: 8.066 ng

RT: 21.65 min Scan# 3159

Delta R.T. 0.01 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

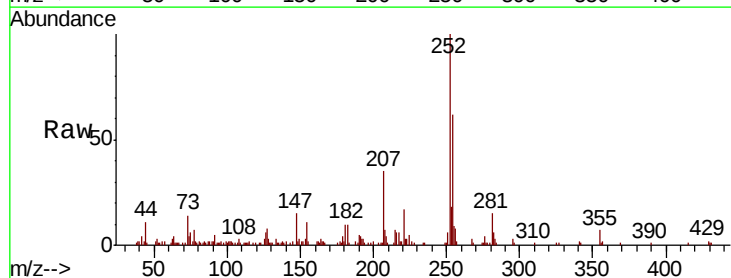
Tgt Ion:252 Resp: 45893

Ion	Ratio	Lower	Upper
252	100		
254	61.5	50.7	76.1
126	6.3	5.3	7.9

252 100

254 61.5 50.7 76.1

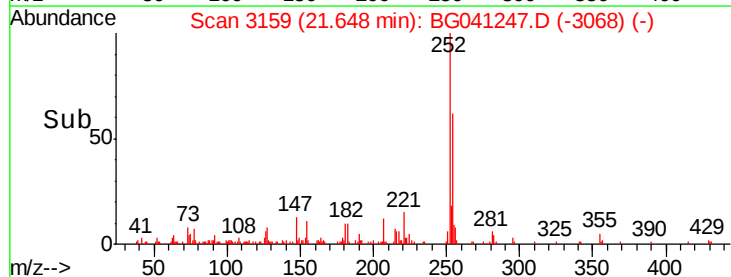
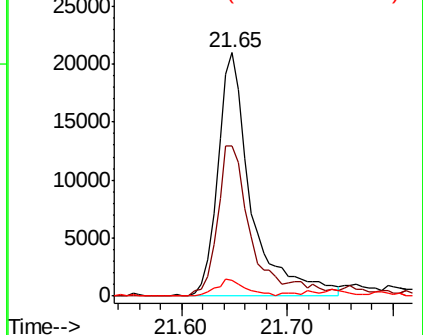
126 6.3 5.3 7.9

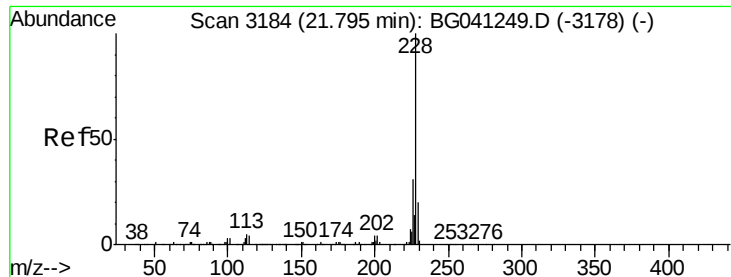


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 10.636 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

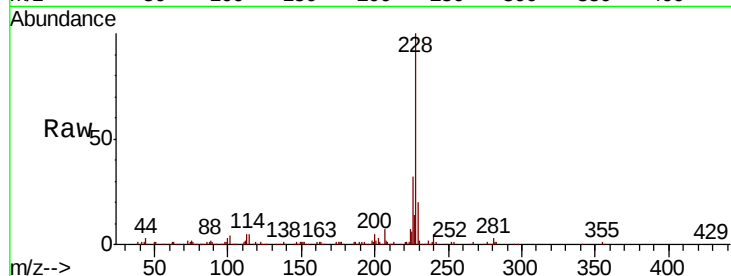
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 164649

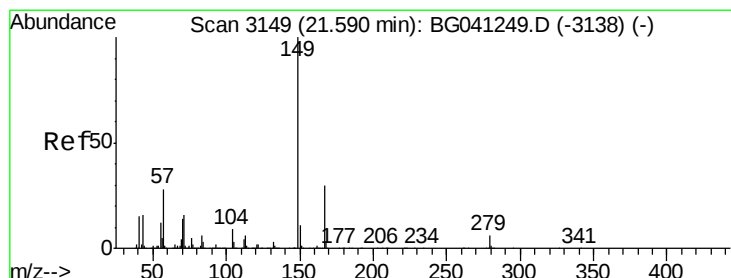
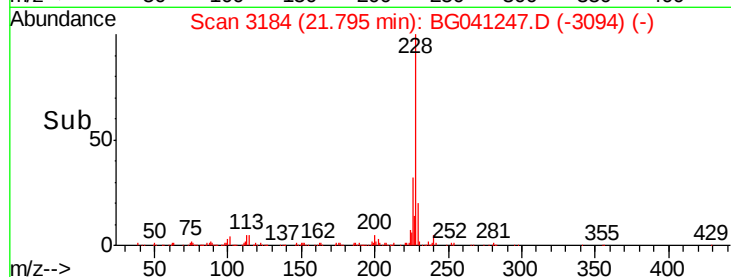
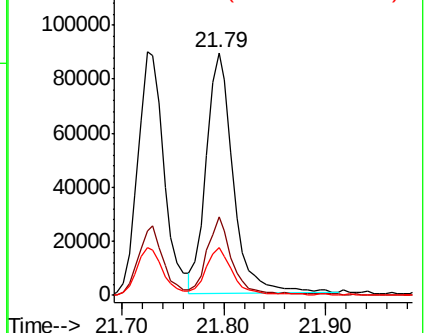
Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.8	37.2
229	19.6	15.8	23.6



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: 10.305 ng

RT: 21.59 min Scan# 3150

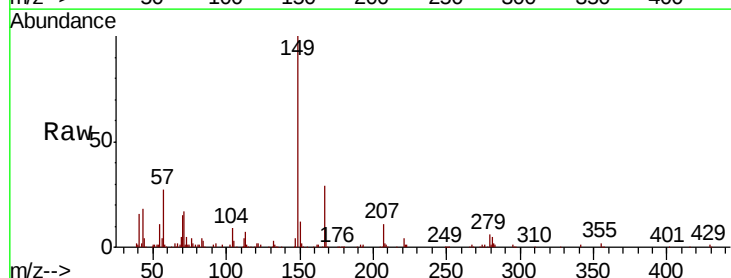
Delta R.T. 0.01 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

Tgt Ion:149 Resp: 89179

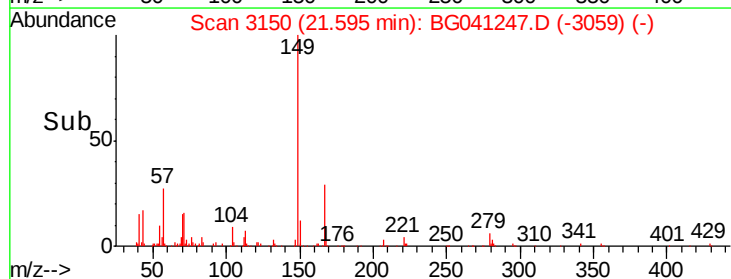
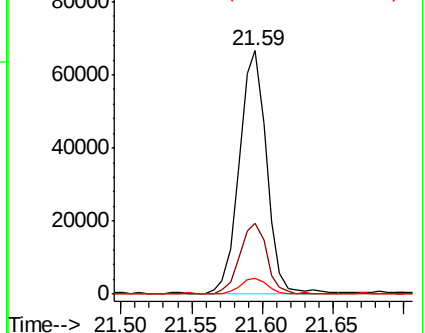
Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.8	35.8
279	6.4	4.6	7.0

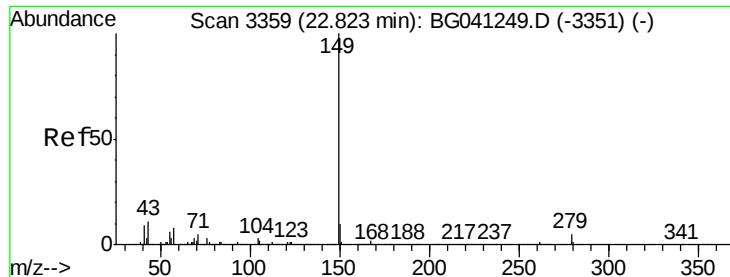


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

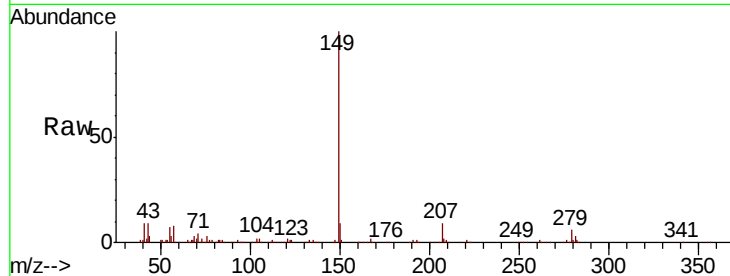




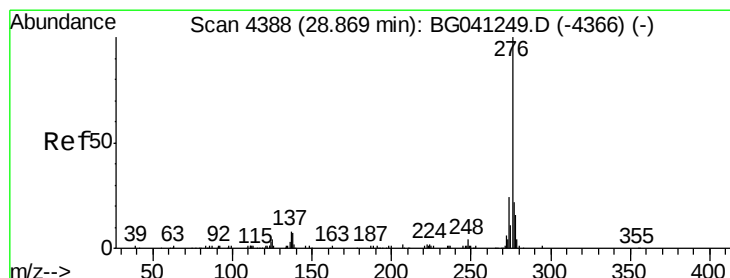
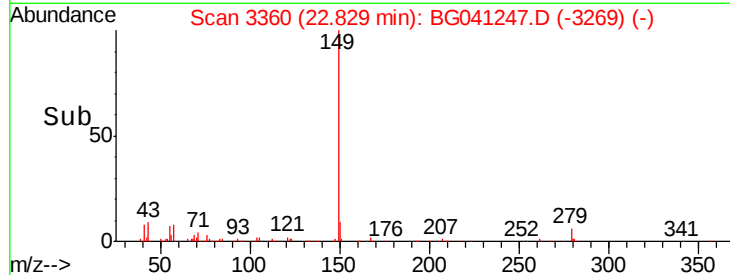
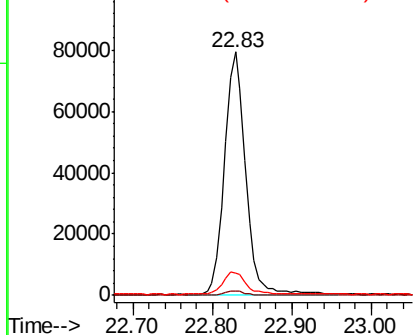
#85
Di-n-octyl phthalate
Concen: 10.165 ng
RT: 22.83 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	10.2	8.2	12.4

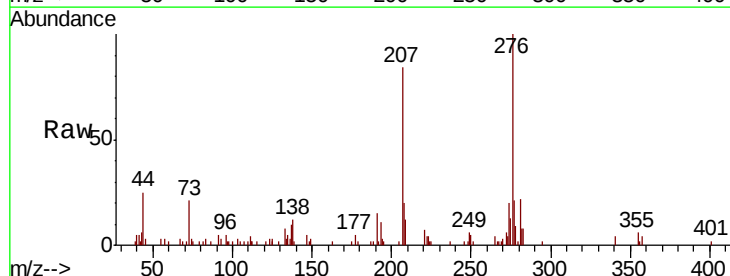


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

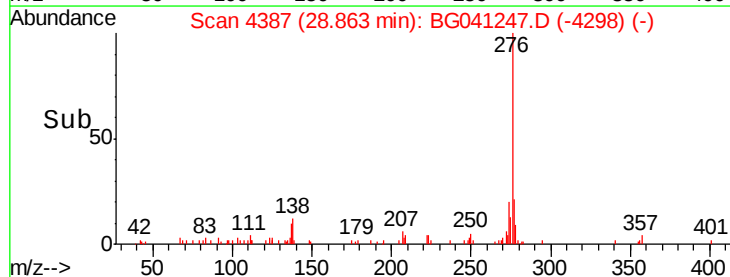
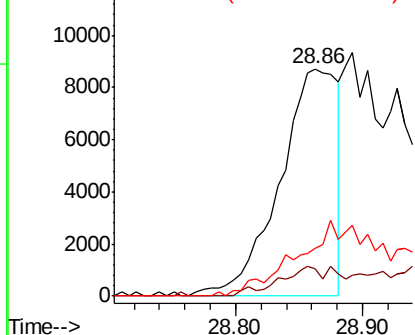


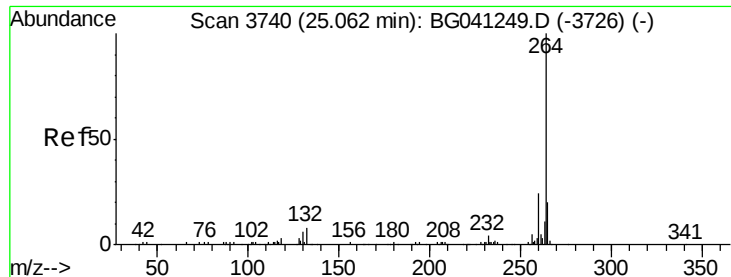
#86
Indeno(1,2,3-cd)pyrene
Concen: 1.452 ng
RT: 28.86 min Scan# 4387
Delta R.T. -0.01 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.2	3.0	4.6#
277	27.8	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: BG041247.D

Acq: 14 Jun 2019 10:31

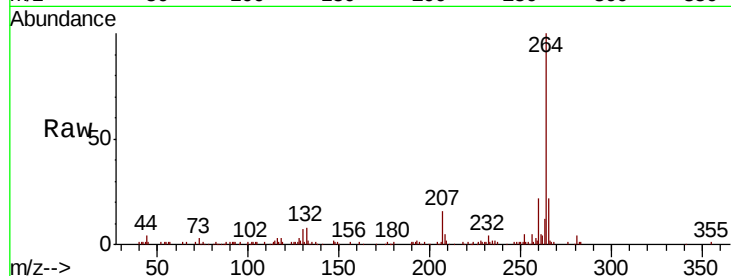
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 202228

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.4	29.0
265	22.1	16.5	24.7

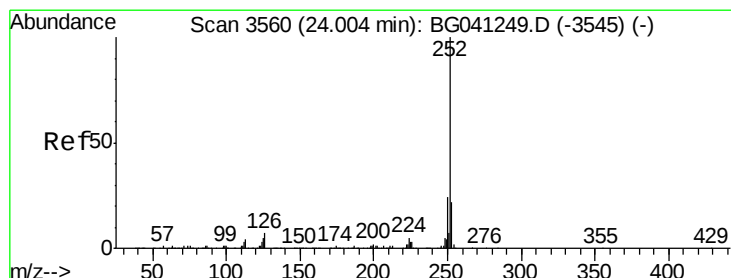
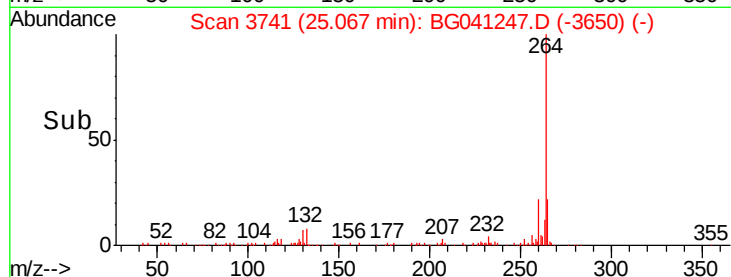
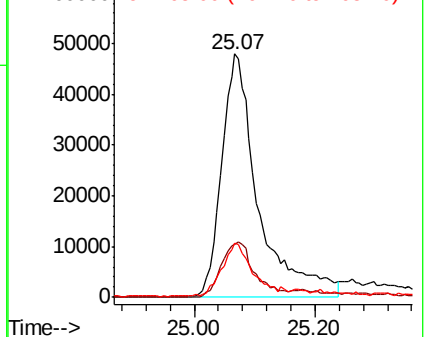


Abundance

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: 9.052 ng

RT: 24.00 min Scan# 3560

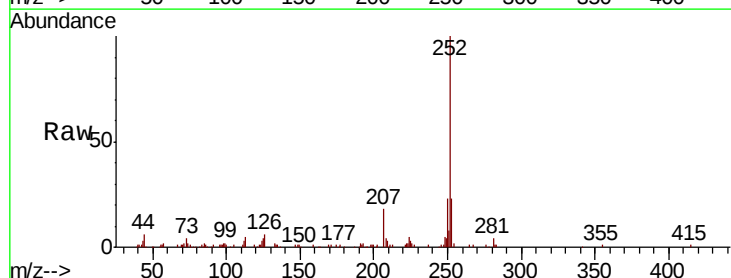
Delta R.T. -0.00 min

Lab File: BG041247.D

Acq: 14 Jun 2019 10:31

Tgt Ion:252 Resp: 111030

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	4.0	4.1	6.1#

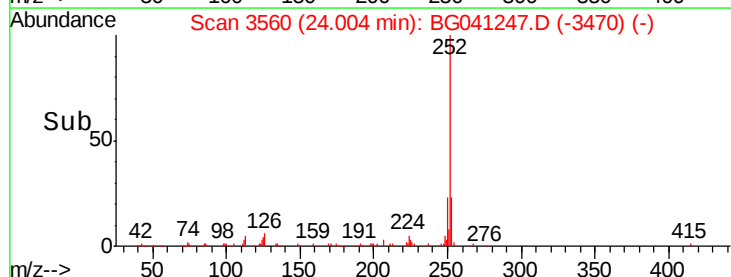
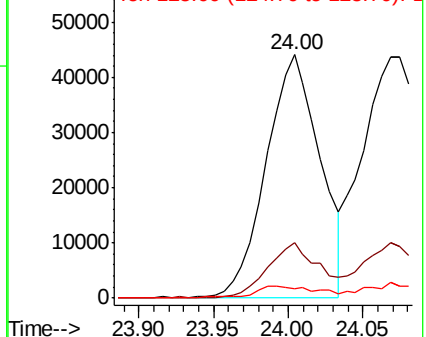


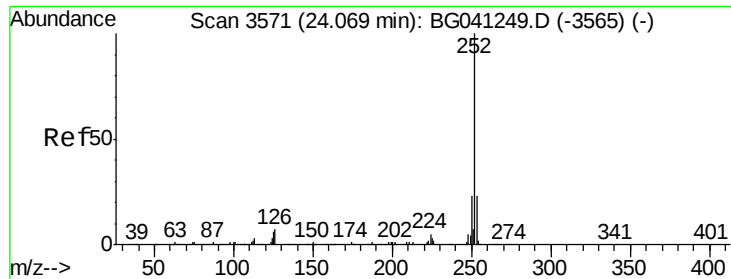
Abundance

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

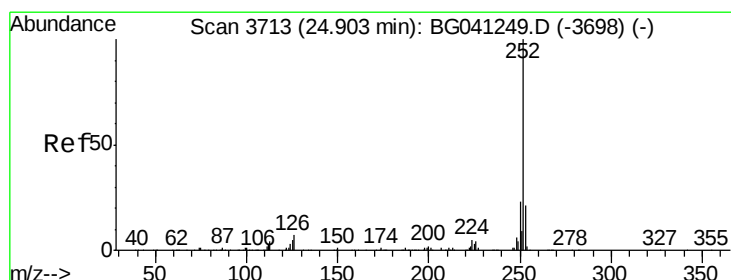
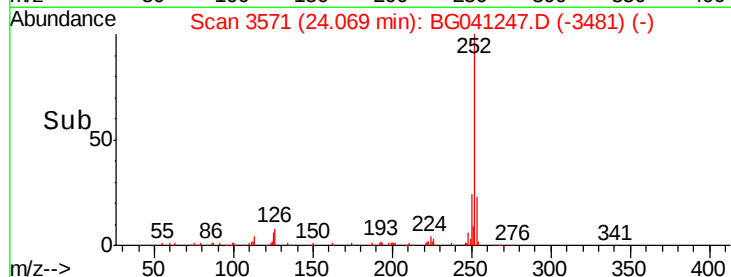
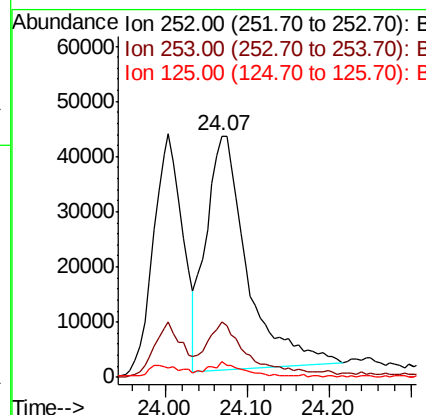
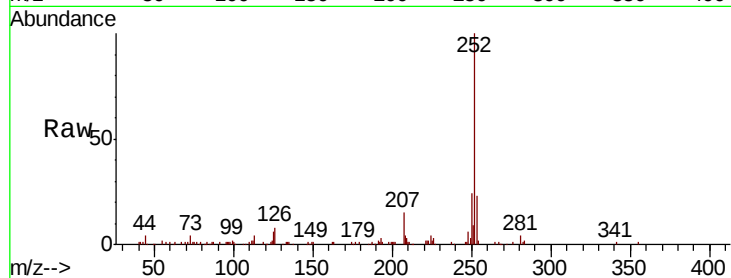




#89
Benzo(k)fluoranthene
Concen: 12.315 ng
RT: 24.07 min Scan# 3571
Delta R.T. -0.00 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

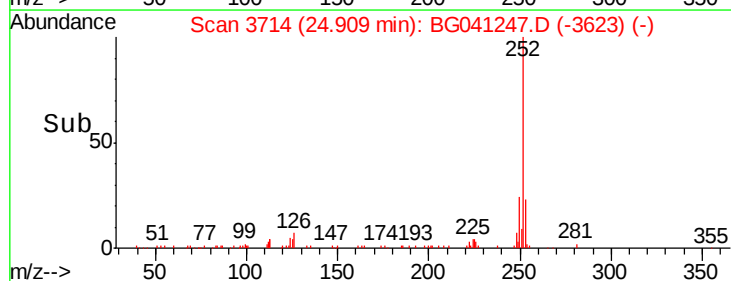
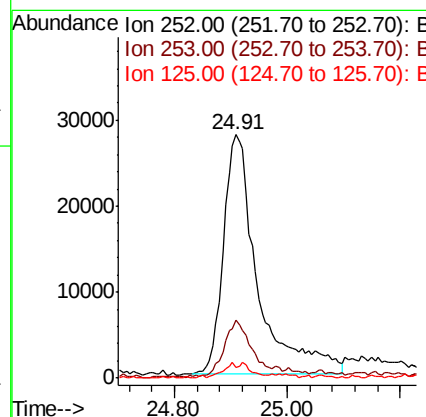
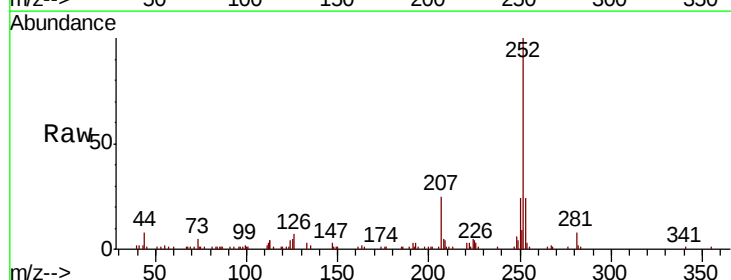
Instrument :
BNA_G
ClientSampleId :

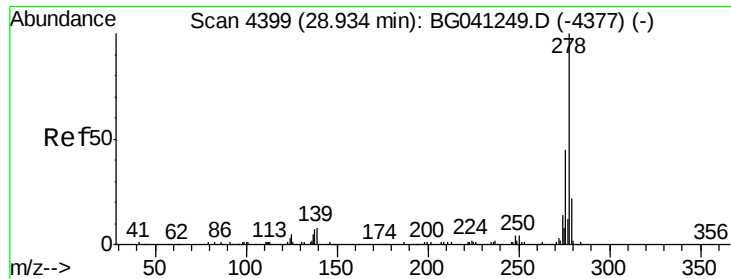
Tot Ion:252 Resp: 149482
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 6.4 4.2 6.2#



#90
Benzo(a)pyrene
Concen: 10.084 ng
RT: 24.91 min Scan# 3714
Delta R.T. 0.01 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Tgt Ion:252 Resp: 118004
Ion Ratio Lower Upper
252 100
253 24.0 16.7 25.1
125 4.5 4.2 6.2

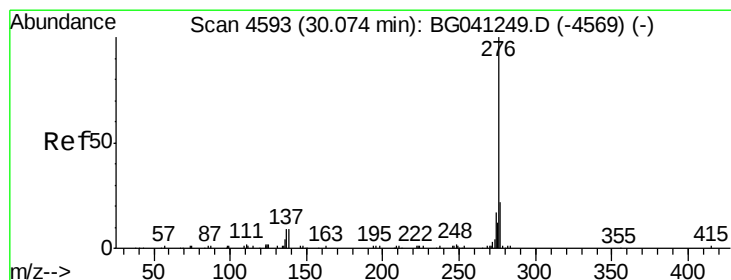
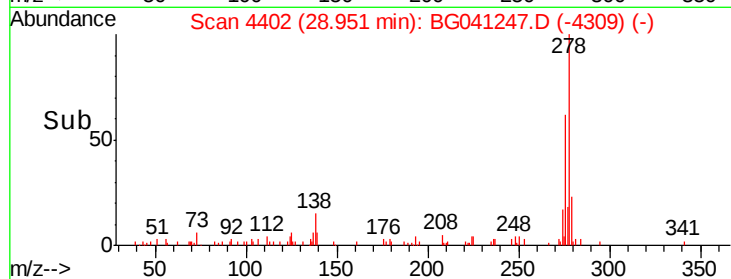
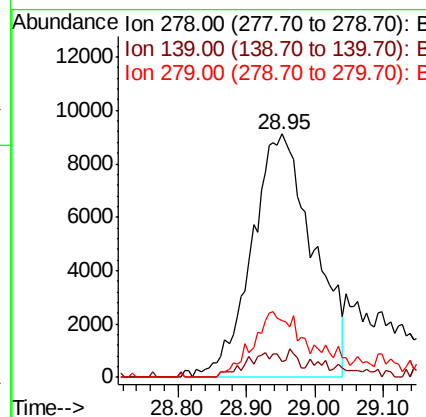
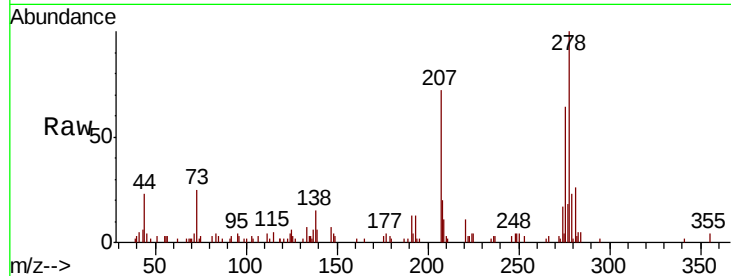




#91
Dibenzo(a,h)anthracene
Concen: 4.839 ng
RT: 28.95 min Scan# 4402
Delta R.T. 0.02 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 56578
Ion Ratio Lower Upper
278 100
139 6.4 6.2 9.2
279 23.3 17.6 26.4



#92
Benzo(g,h,i)perylene
Concen: 2.743 ng
RT: 30.08 min Scan# 4594
Delta R.T. 0.01 min
Lab File: BG041247.D
Acq: 14 Jun 2019 10:31

Tgt Ion:276 Resp: 31160
Ion Ratio Lower Upper
276 100
277 22.6 18.0 27.0
138 9.8 8.4 12.6

