

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
 Data File : BG042363.D
 Acq On : 20 Aug 2019 18:40
 Operator : HP/JU
 Sample : PB122401BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 21 04:29:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	68512	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	277493	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	198578	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	432541	20.00	ng	0.00
76) Chrysene-d12	21.70	240	426517	20.00	ng	0.00
87) Perylene-d12	24.94	264	433850	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	433835	128.30	ng	0.02
7) Phenol-d6	7.19	99	553628	120.55	ng	0.02
23) Nitrobenzene-d5	9.18	82	310904	78.80	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	309587	114.47	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	924411	78.77	ng	0.00
79) Terphenyl-d14	20.03	244	1520936	78.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	58474	40.098	ng	99
3) Pyridine	3.83	79	129789	34.746	ng	100
4) n-Nitrosodimethylamine	3.75	42	55541	43.188	ng	100
6) Aniline	7.33	93	185229	30.561	ng	98
8) 2-Chlorophenol	7.58	128	186048	45.258	ng	97
9) Benzaldehyde	7.15	77	47757	18.487	ng	98
10) Phenol	7.21	94	212950	45.609	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	155009	42.033	ng	98
12) 1,3-Dichlorobenzene	7.90	146	210699	40.272	ng	99
13) 1,4-Dichlorobenzene	8.05	146	213365	40.490	ng	100
14) 1,2-Dichlorobenzene	8.37	146	202948	40.356	ng	98
15) Benzyl Alcohol	8.26	79	136106	43.093	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	204863	40.284	ng	99
17) 2-Methylphenol	8.47	107	149661	43.351	ng	98
18) Hexachloroethane	9.11	117	70962	39.183	ng	98
19) n-Nitroso-di-n-propylamine	8.83	70	117815	39.885	ng	98
20) 3+4-Methylphenols	8.80	107	205238	42.971	ng	98
22) Acetophenone	8.84	105	249045	42.239	ng	97
24) Nitrobenzene	9.23	77	173049	43.045	ng	99
25) Isophorone	9.75	82	324572	41.140	ng	98
26) 2-Nitrophenol	9.94	139	109852	43.956	ng	99
27) 2,4-Dimethylphenol	10.01	122	177793	51.280	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	207488	40.829	ng	98
29) 2,4-Dichlorophenol	10.49	162	205484	44.574	ng	97
30) 1,2,4-Trichlorobenzene	10.70	180	227463	40.366	ng	97
31) Naphthalene	10.89	128	542826	42.212	ng	99
32) Benzoic acid	10.17	122	106659	43.242	ng	99
33) 4-Chloroaniline	10.99	127	144225	24.595	ng	99
34) Hexachlorobutadiene	11.18	225	145309	38.480	ng	97
35) Caprolactam	11.76	113	31390	21.364	ng	99
36) 4-Chloro-3-methylphenol	12.13	107	185571	43.067	ng	97
37) 2-Methylnaphthalene	12.50	142	426488	41.373	ng	99
38) 1-Methylnaphthalene	12.72	142	402998	41.042	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	264767	41.365	ng	99

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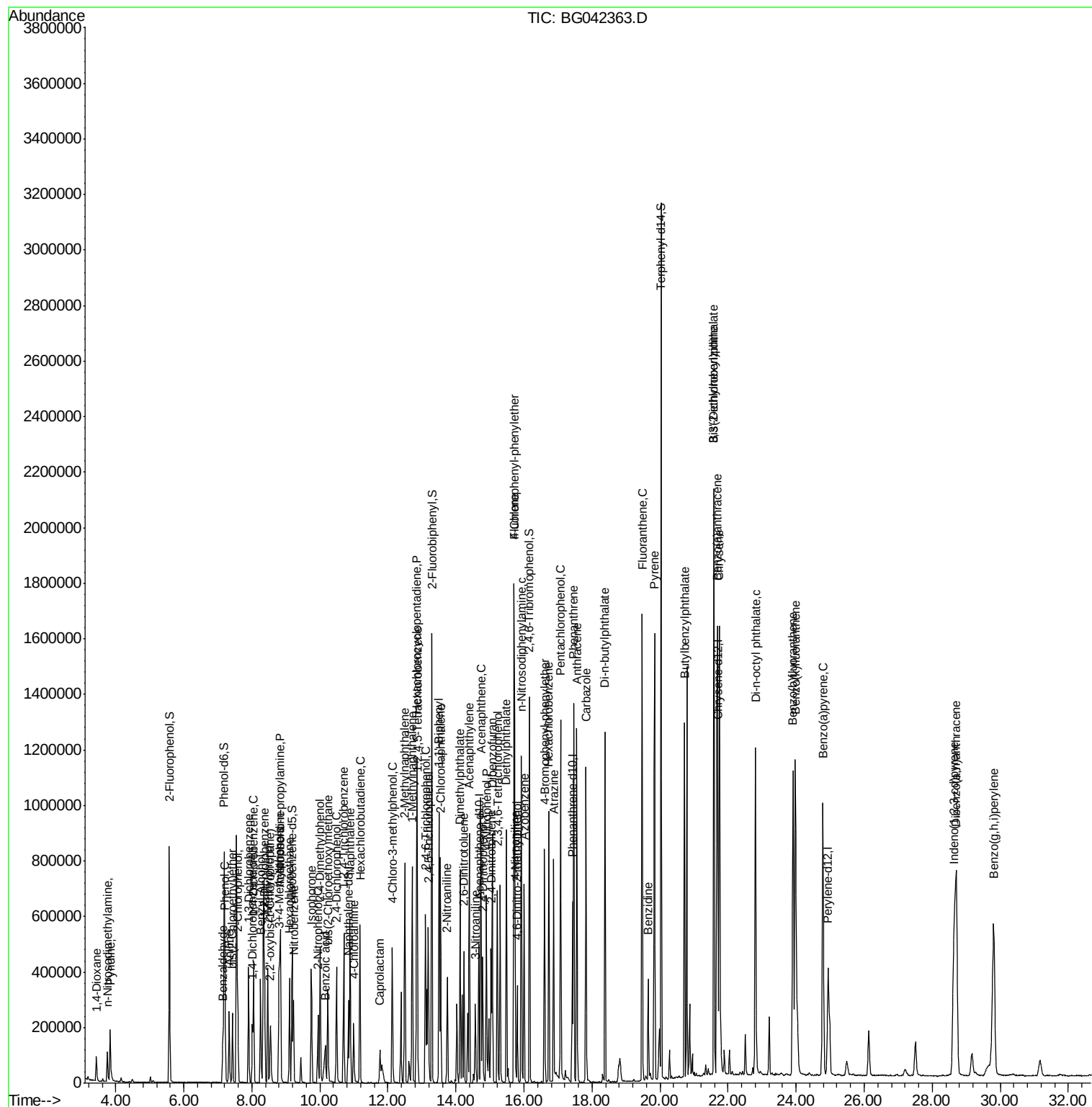
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	323355	86.881	ng	98
43) 2,4,6-Trichlorophenol	13.10	196	182687	42.643	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	193694	43.898	ng	99
46) 1,1'-Biphenyl	13.50	154	549182	42.390	ng	98
47) 2-Chloronaphthalene	13.54	162	450776	40.813	ng	100
48) 2-Nitroaniline	13.74	65	106269	40.711	ng	98
49) Acenaphthylene	14.39	152	702897	42.333	ng	99
50) Dimethylphthalate	14.12	163	573789	40.664	ng	99
51) 2,6-Dinitrotoluene	14.24	165	139932	42.372	ng	98
52) Acenaphthene	14.74	154	414958	40.968	ng	99
53) 3-Nitroaniline	14.57	138	97498	30.025	ng	99
54) 2,4-Dinitrophenol	14.78	184	158884	74.888	ng	98
55) Dibenzofuran	15.07	168	693981	42.064	ng	98
56) 4-Nitrophenol	14.90	139	259399	110.730	ng	98
57) 2,4-Dinitrotoluene	15.03	165	194526	42.130	ng	98
58) Fluorene	15.72	166	561033	41.802	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	182494	42.585	ng	92
60) Diethylphthalate	15.48	149	556005	40.728	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	326782	40.546	ng	100
62) 4-Nitroaniline	15.74	138	133472	38.897	ng	99
63) Azobenzene	16.00	77	400513	42.100	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	115928	43.926	ng	98
66) n-Nitrosodiphenylamine	15.92	169	525663	43.431	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	223484	40.601	ng	99
68) Hexachlorobenzene	16.73	284	231721	39.299	ng	97
69) Atrazine	16.88	200	187404	45.172	ng	97
70) Pentachlorophenol	17.07	266	302885	96.501	ng	98
71) Phenanthrene	17.46	178	916170	42.529	ng	99
72) Anthracene	17.55	178	931953	43.377	ng	99
73) Carbazole	17.82	167	839178	43.970	ng	100
74) Di-n-butylphthalate	18.38	149	953848	42.845	ng	99
75) Fluoranthene	19.47	202	1134180	43.660	ng	99
77) Benzidine	19.65	184	264279	23.370	ng	99
78) Pyrene	19.84	202	1126664	42.930	ng	99
80) Butylbenzylphthalate	20.72	149	437020	42.015	ng	97
81) Benzo(a)anthracene	21.68	228	1079206	41.202	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	385373	36.965	ng	100
83) Chrysene	21.74	228	1059031	42.266	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	608838	41.981	ng	99
85) Di-n-octyl phthalate	22.80	149	1063030	42.972	ng	# 90
86) Indeno(1,2,3-cd)pyrene	28.65	276	1388648	41.508	ng	99
88) Benzo(b)fluoranthene	23.91	252	1193342	50.042	ng	99
89) Benzo(k)fluoranthene	23.98	252	1182100	50.712	ng	99
90) Benzo(a)pyrene	24.79	252	1175510	51.444	ng	99
91) Dibenzo(a,h)anthracene	28.71	278	1150849	50.485	ng	99
92) Benzo(g,h,i)perylene	29.81	276	1164084	51.245	ng	99

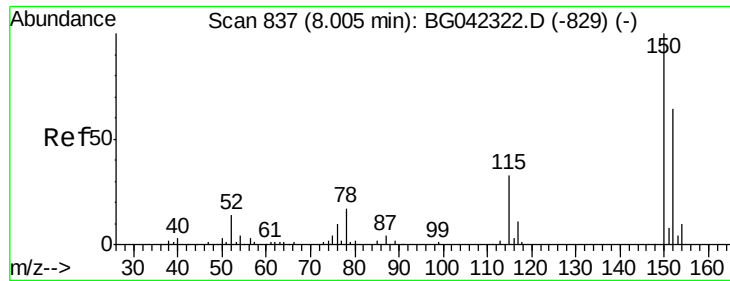
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 838

Delta R.T. 0.01 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

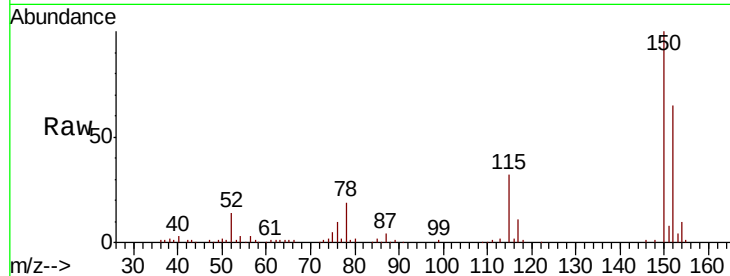
Tot Ion:152 Resp: 68512

Ion Ratio Lower Upper

152 100

150 154.8 124.3 186.5

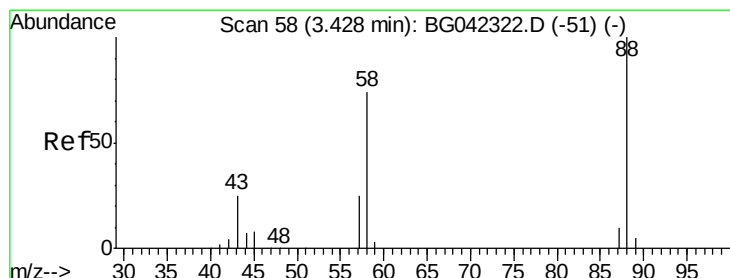
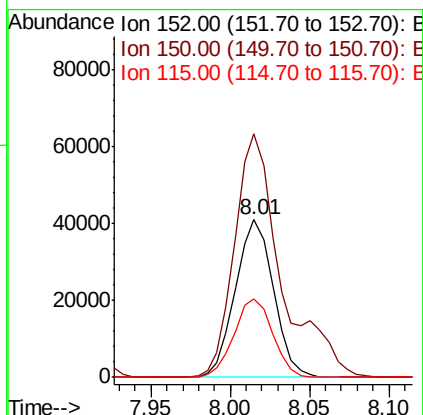
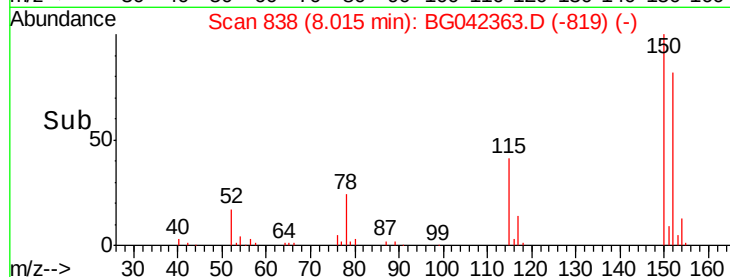
115 50.3 40.5 60.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.098 ng

RT: 3.43 min Scan# 57

Delta R.T. -0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

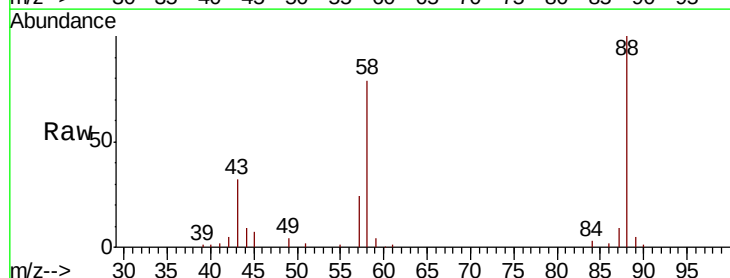
Tgt Ion: 88 Resp: 58474

Ion Ratio Lower Upper

88 100

58 73.7 58.6 88.0

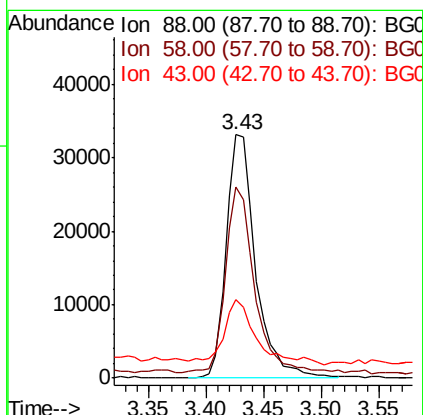
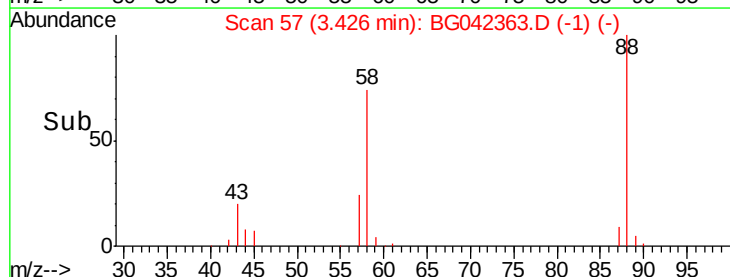
43 22.4 19.4 29.0

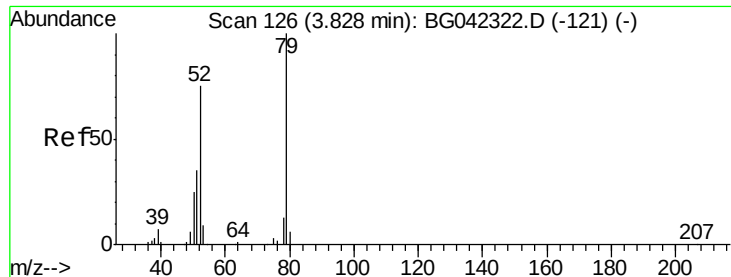


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.746 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

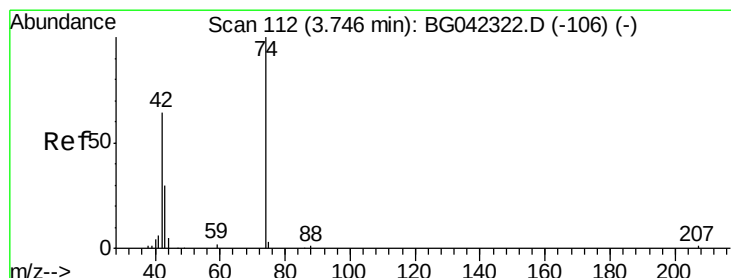
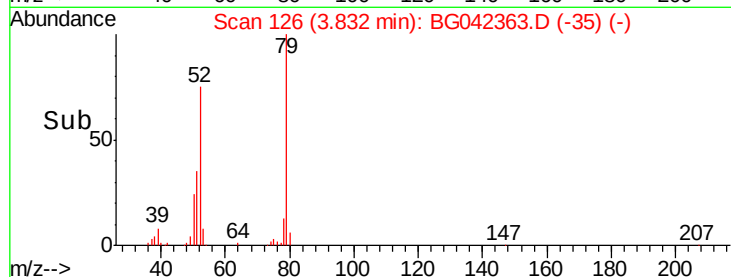
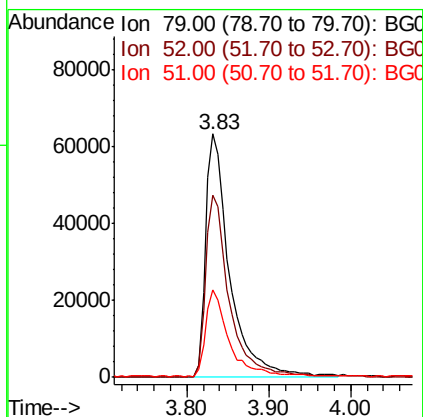
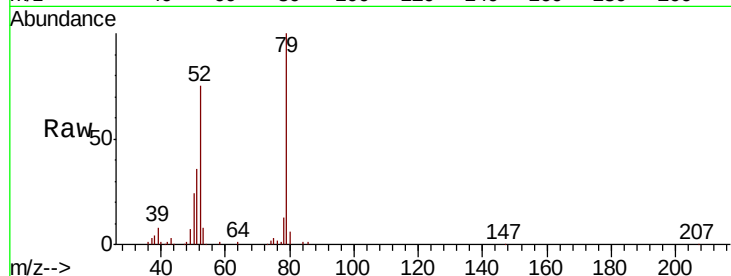
Tot Ion: 79 Resp: 129789

Ion Ratio Lower Upper

79 100

52 74.8 60.0 90.0

51 35.8 28.6 42.8



#4

n-Nitrosodimethylamine

Concen: 43.188 ng

RT: 3.75 min Scan# 112

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

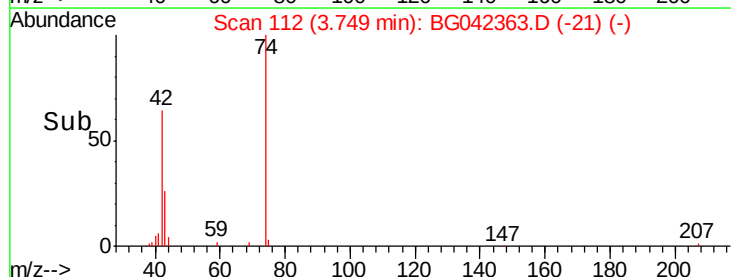
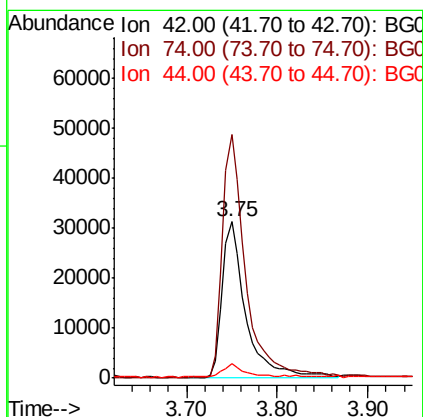
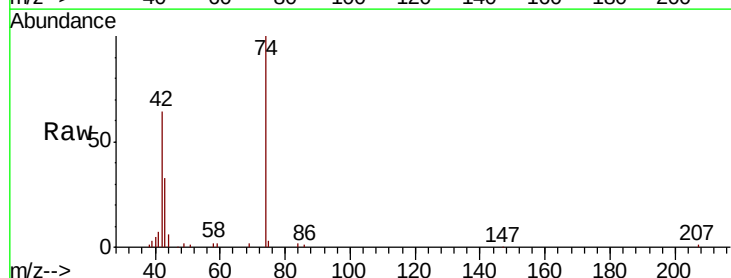
Tgt Ion: 42 Resp: 55541

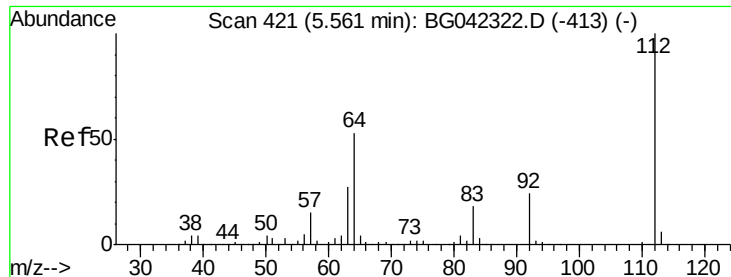
Ion Ratio Lower Upper

42 100

74 155.6 124.2 186.2

44 9.1 6.5 9.7





#5

2-Fluorophenol

Concen: 128.297 ng

RT: 5.58 min Scan# 423

Delta R.T. 0.02 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

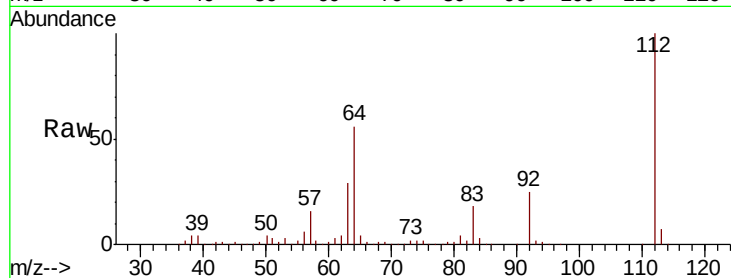
Tot Ion:112 Resp: 433835

Ion Ratio Lower Upper

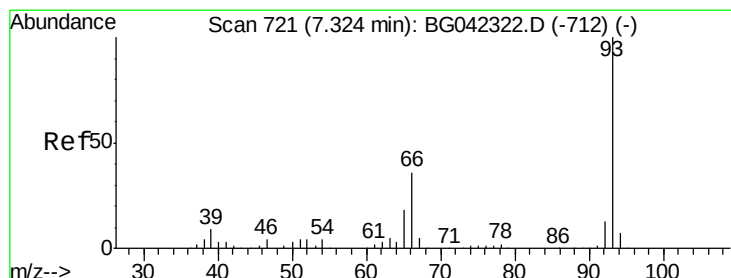
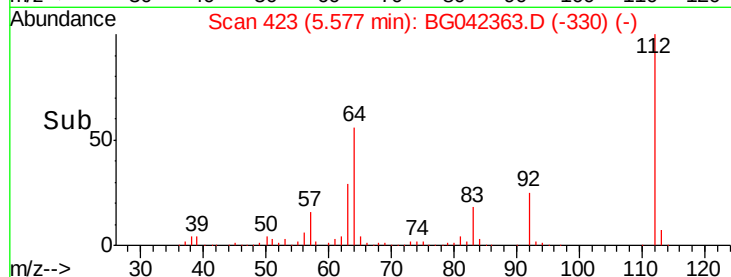
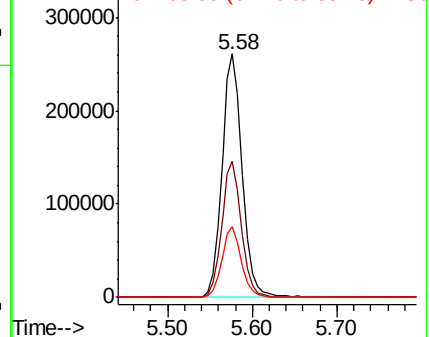
112 100

64 55.7 42.5 63.7

63 29.0 21.7 32.5



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: 30.561 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

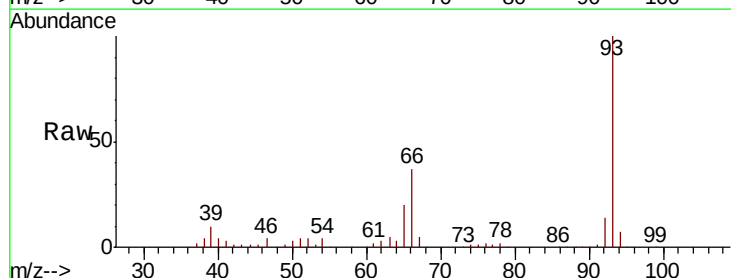
Tgt Ion: 93 Resp: 185229

Ion Ratio Lower Upper

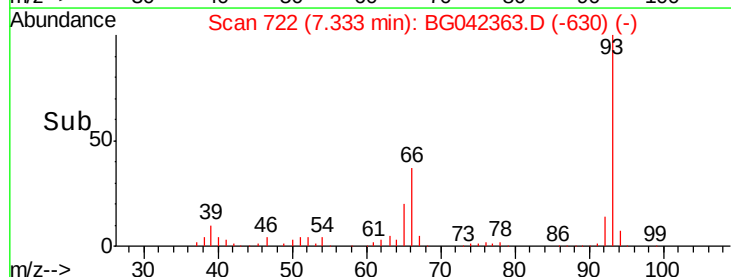
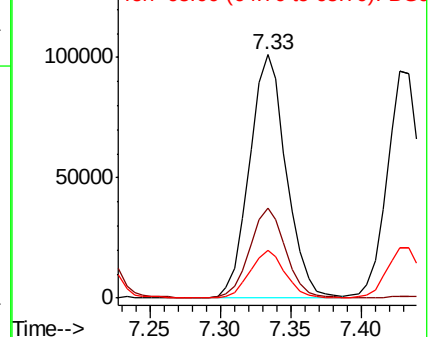
93 100

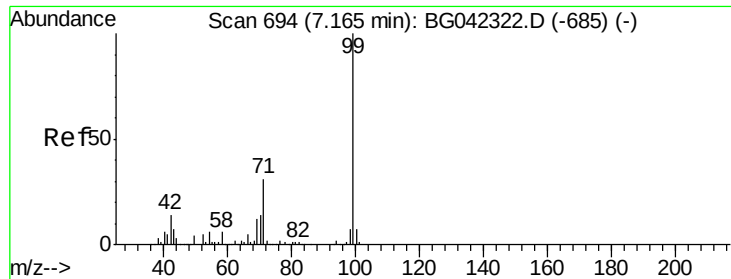
66 36.9 29.1 43.7

65 19.8 14.7 22.1



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: 120.552 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.02 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

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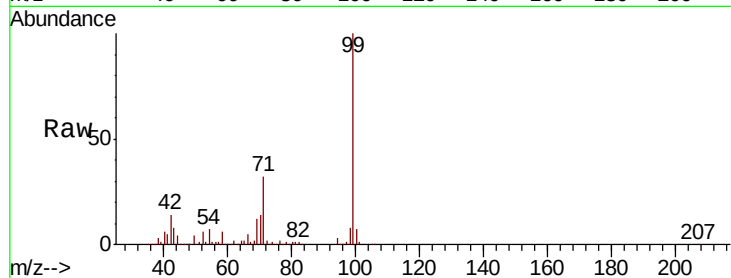
Tot Ion: 99 Resp: 553628

Ion Ratio Lower Upper

99 100

42 14.0 11.4 17.0

71 31.9 25.1 37.7

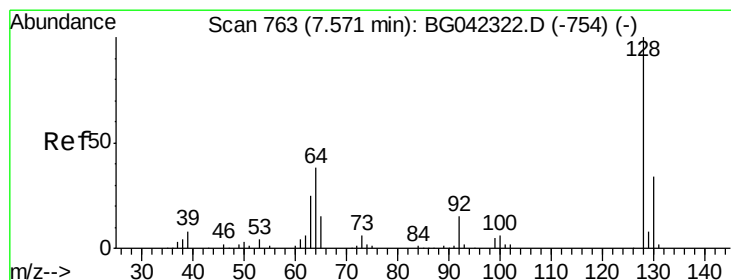
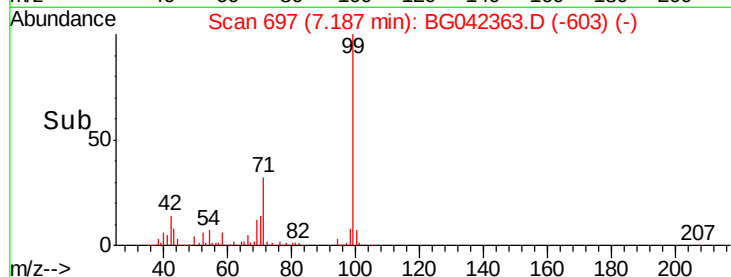
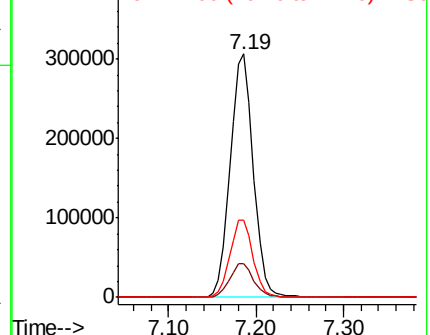


Abundance

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: 45.258 ng

RT: 7.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

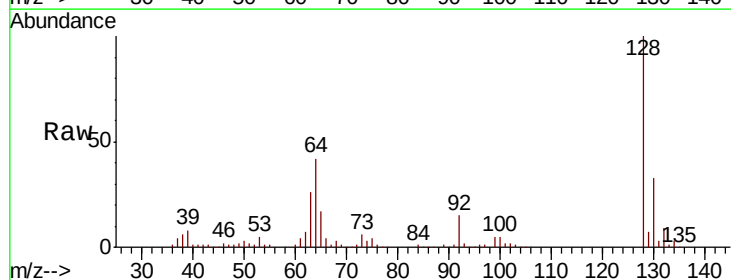
Tgt Ion: 128 Resp: 186048

Ion Ratio Lower Upper

128 100

130 32.8 13.5 53.5

64 42.1 19.8 59.8

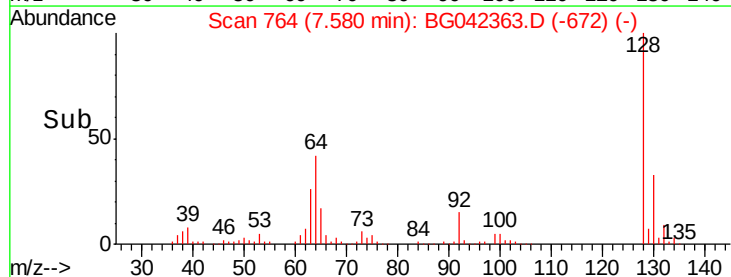
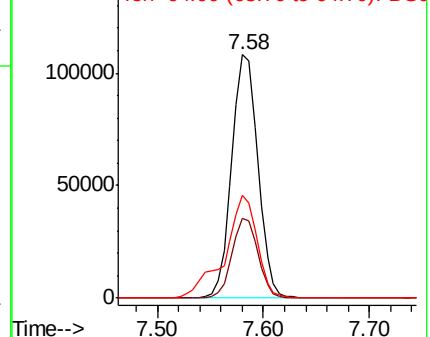


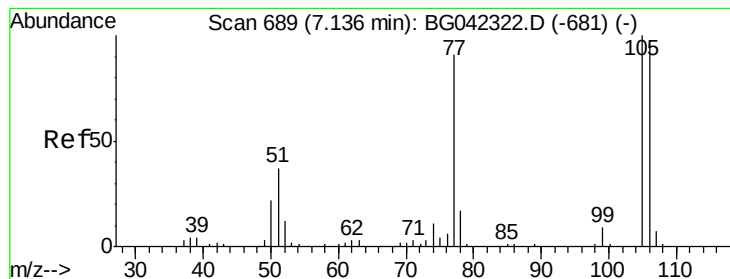
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 18.487 ng

RT: 7.15 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

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ClientSampleId :

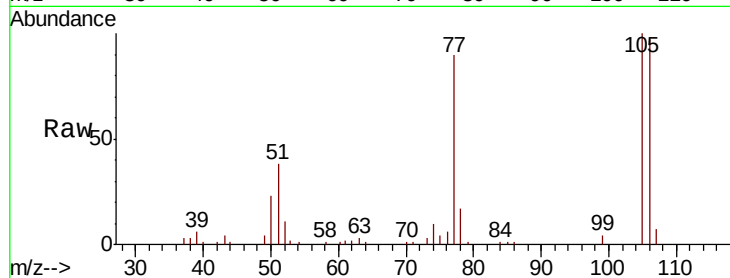
Tot Ion: 77 Resp: 47757

Ion Ratio Lower Upper

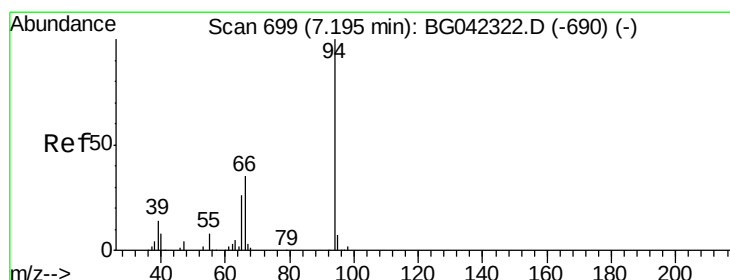
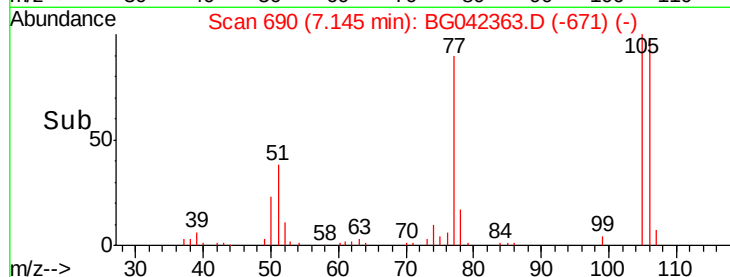
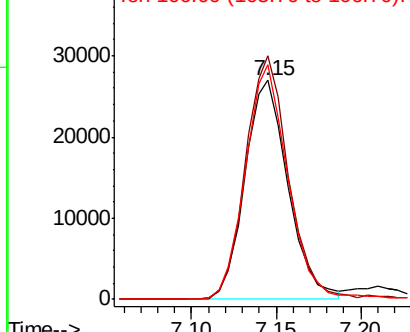
77 100

105 111.1 89.8 129.8

106 107.3 85.1 125.1



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: 45.609 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.02 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

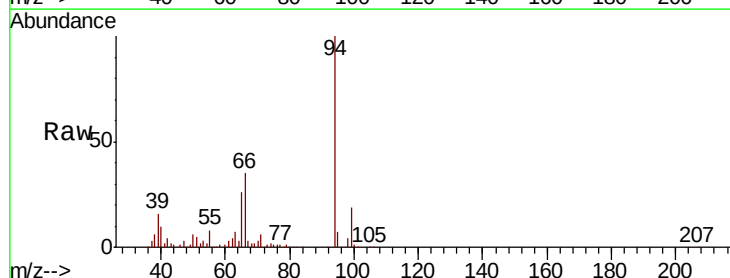
Tgt Ion: 94 Resp: 212950

Ion Ratio Lower Upper

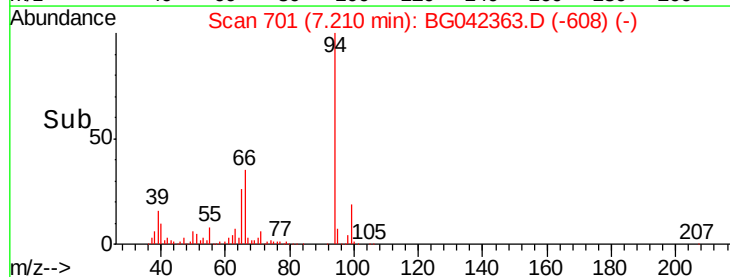
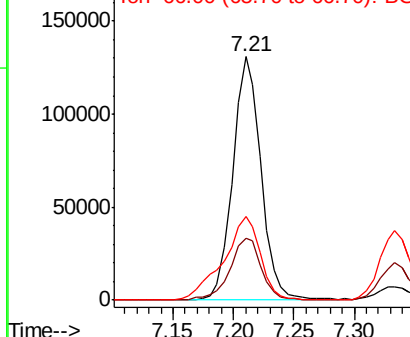
94 100

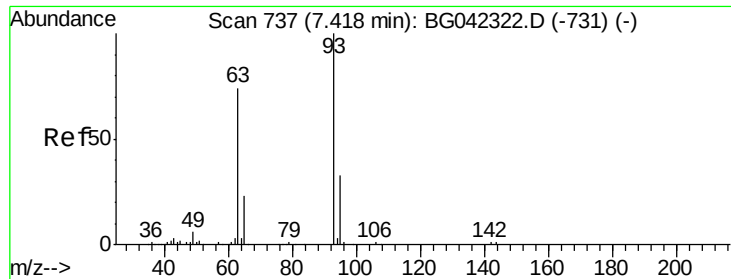
65 25.6 6.1 46.1

66 34.6 15.7 55.7



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

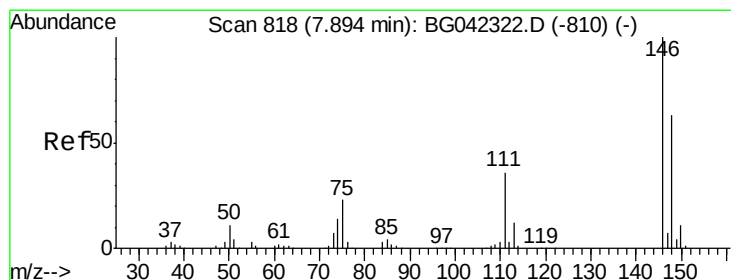
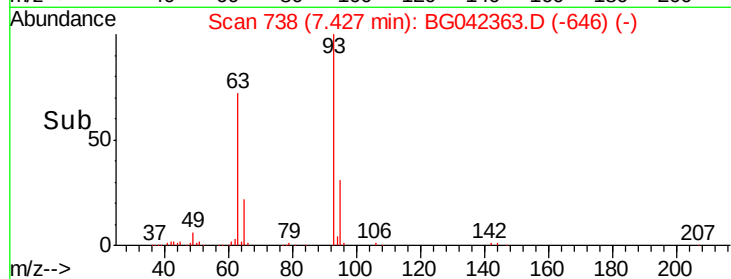
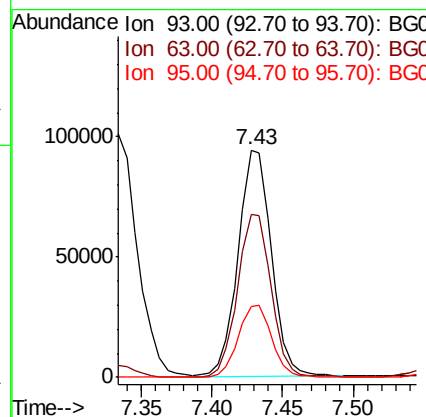
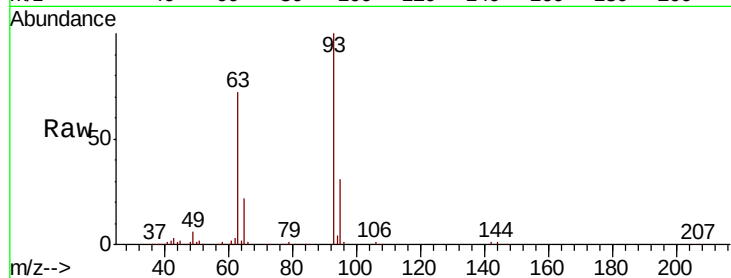




#11
 bis(2-Chloroethyl)ether
 Concen: 42.033 ng
 RT: 7.43 min Scan# 738
 Delta R.T. 0.01 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

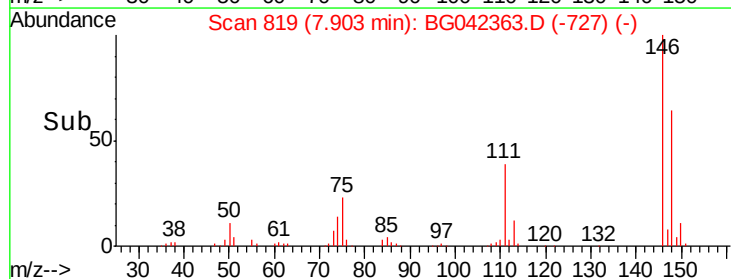
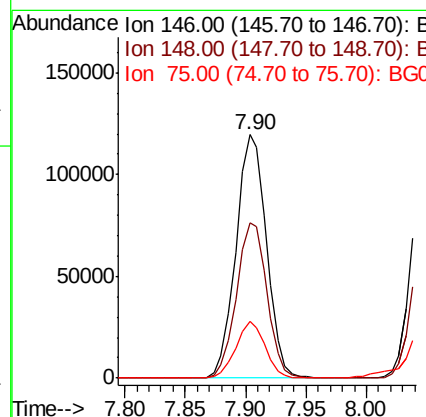
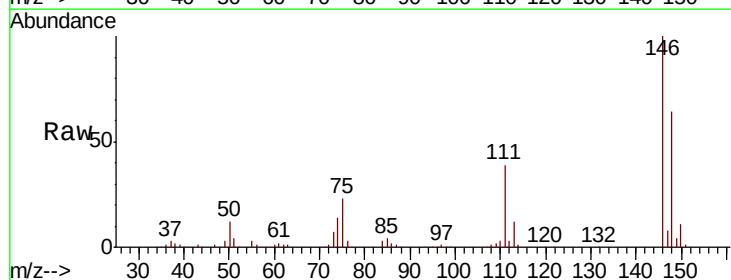
Instrument :
 BNA_G
 ClientSampleId :

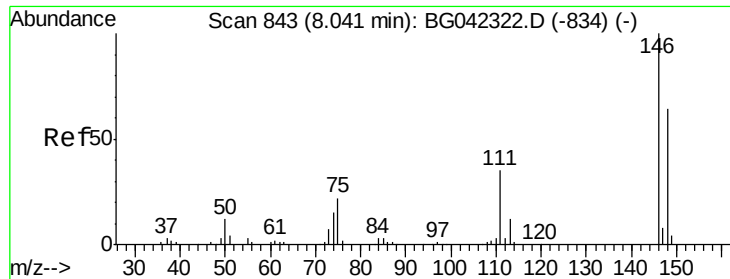
Tot Ion: 93 Resp: 155009
 Ion Ratio Lower Upper
 93 100
 63 71.6 53.0 93.0
 95 31.1 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 40.272 ng
 RT: 7.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion: 146 Resp: 210699
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.2 75.2
 75 23.5 18.2 27.4

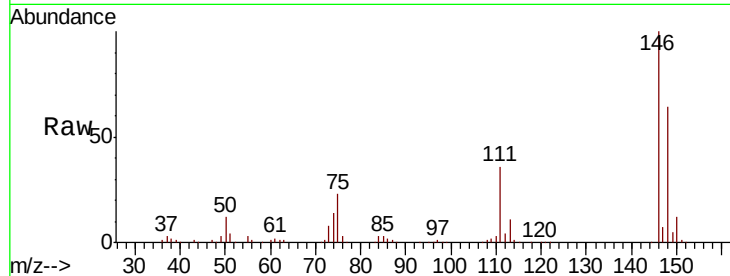




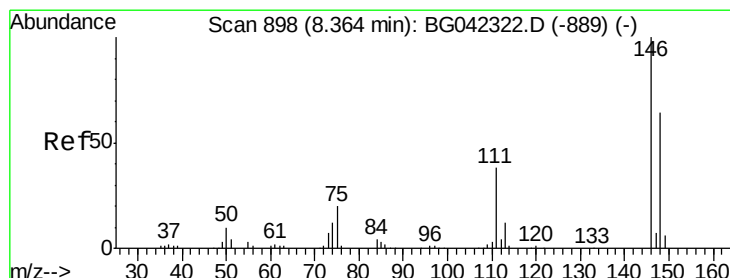
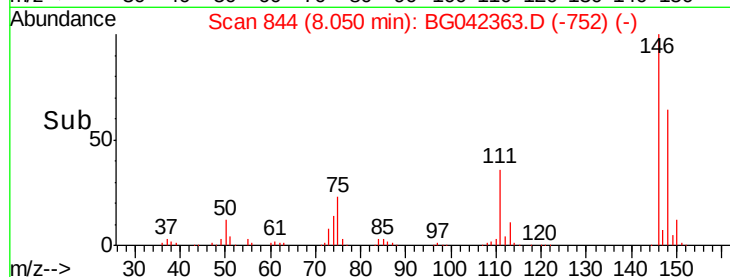
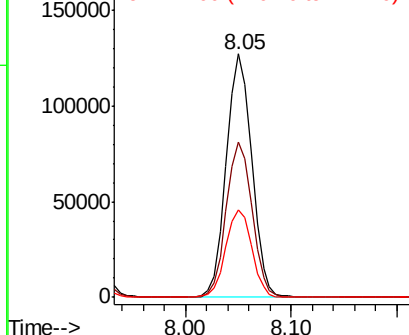
#13
 1,4-Dichlorobenzene
 Concen: 40.490 ng
 RT: 8.05 min Scan# 844
 Delta R.T. 0.01 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.9	76.3
111	35.7	28.3	42.5

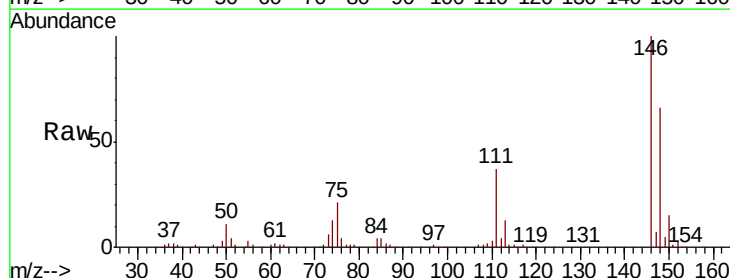


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

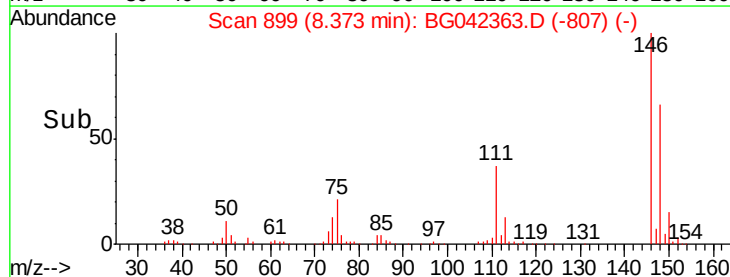
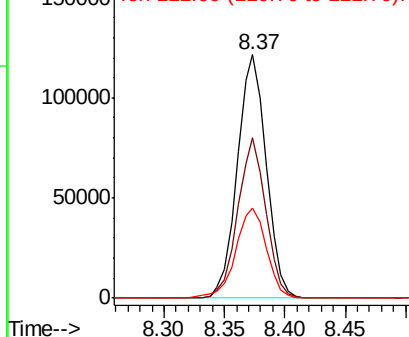


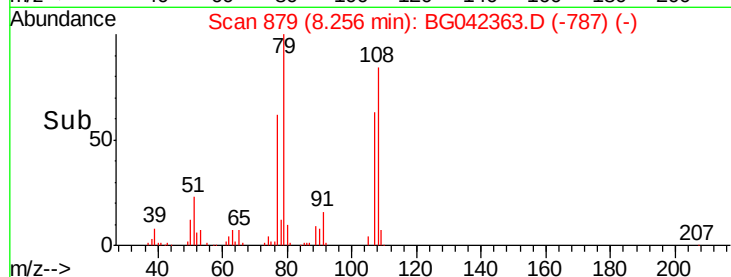
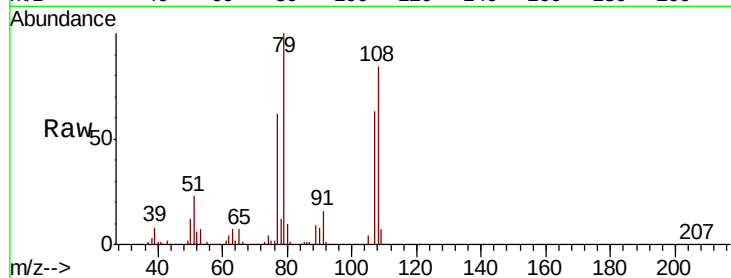
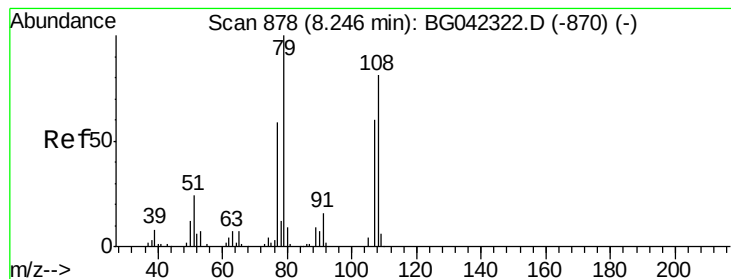
#14
 1,2-Dichlorobenzene
 Concen: 40.356 ng
 RT: 8.37 min Scan# 899
 Delta R.T. 0.01 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.0	76.4
111	37.2	30.6	46.0



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





#15

Benzyl Alcohol

Concen: 43.093 ng

RT: 8.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

ClientSampled :

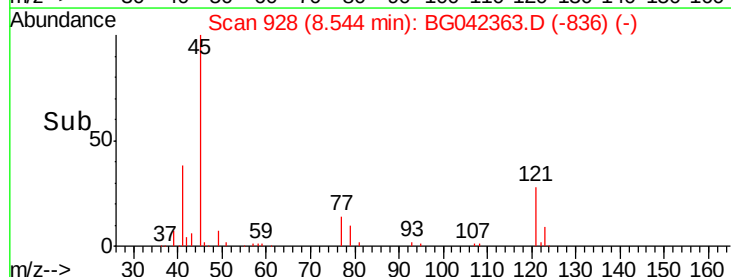
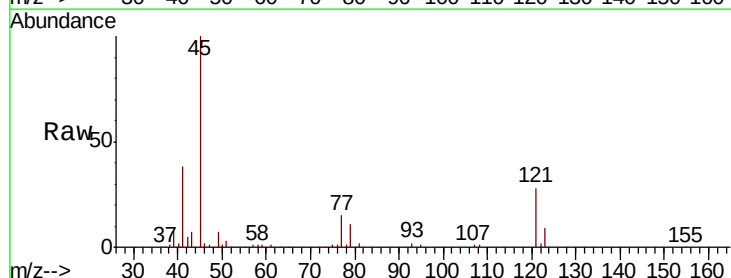
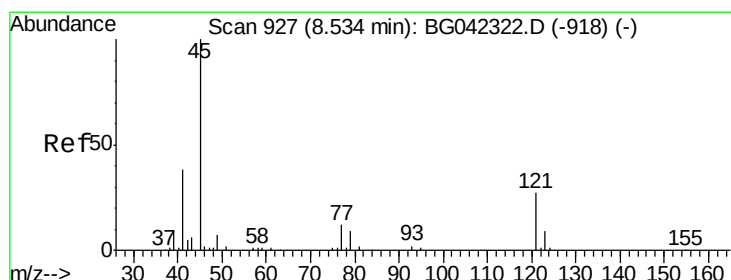
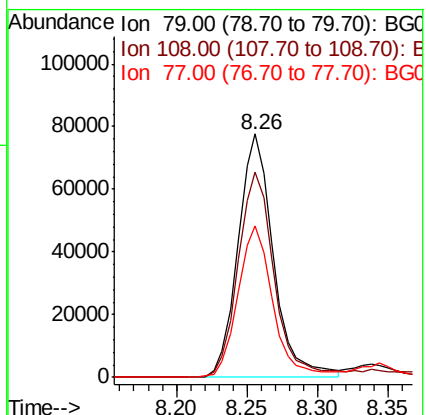
Tot Ion: 79 Resp: 136106

Ion Ratio Lower Upper

79 100

108 84.3 64.8 97.2

77 62.2 47.6 71.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.284 ng

RT: 8.54 min Scan# 928

Delta R.T. 0.01 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

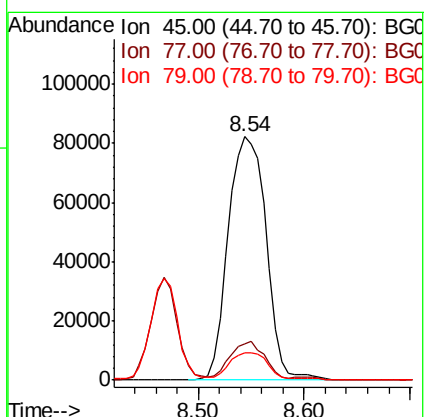
Tgt Ion: 45 Resp: 204863

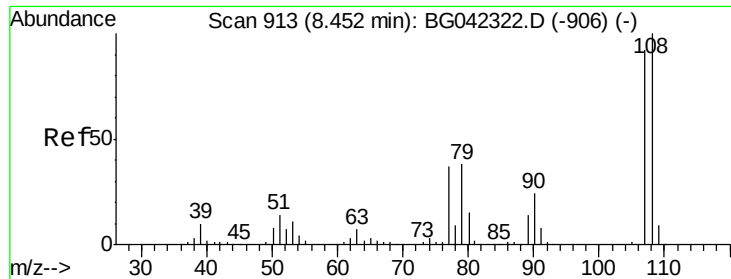
Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.6

79 11.0 0.0 31.4





#17

2-Methylphenol

Concen: 43.351 ng

RT: 8.47 min Scan# 915

Delta R.T. 0.02 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 149661

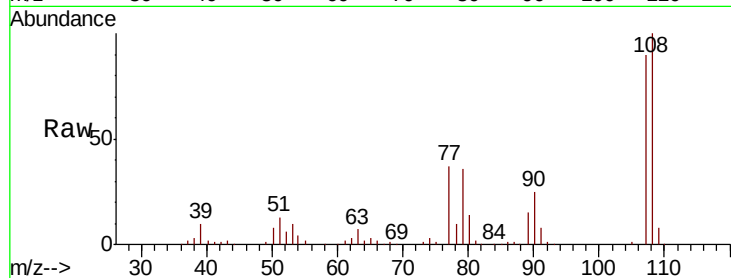
Ion Ratio Lower Upper

107 100

108 110.7 87.0 130.6

77 40.7 32.3 48.5

79 40.4 33.5 50.3



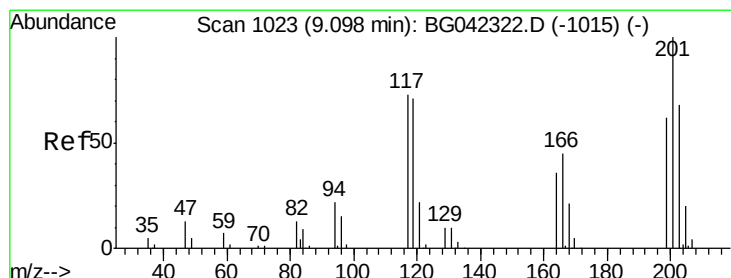
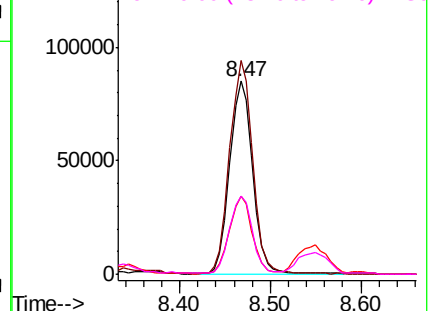
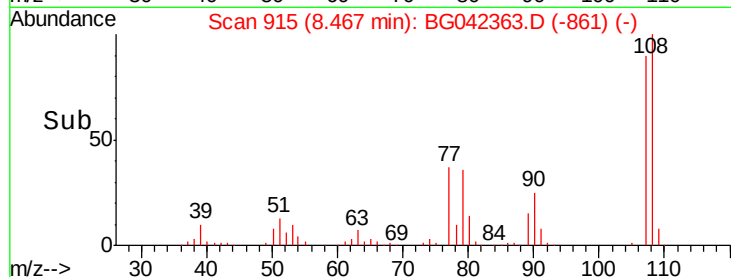
Abundance

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: 39.183 ng

RT: 9.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

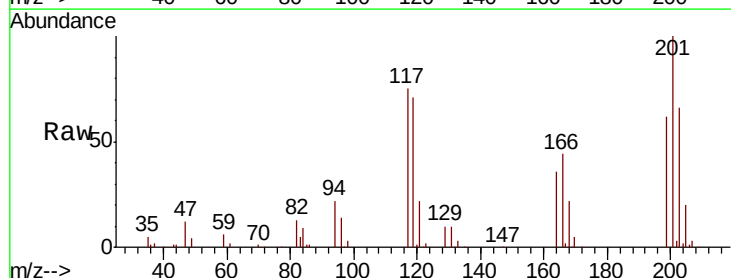
Tgt Ion:117 Resp: 70962

Ion Ratio Lower Upper

117 100

119 95.7 77.6 116.4

201 133.9 109.4 164.2

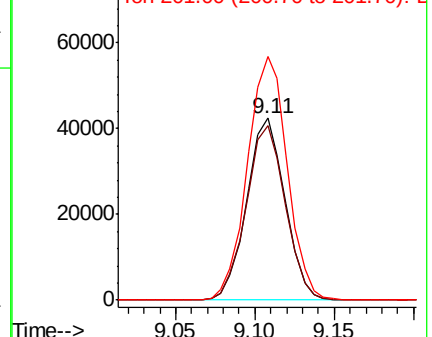
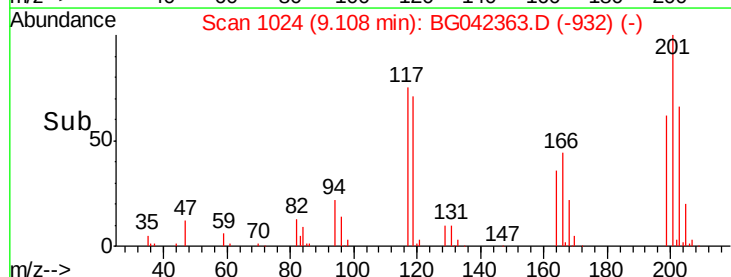


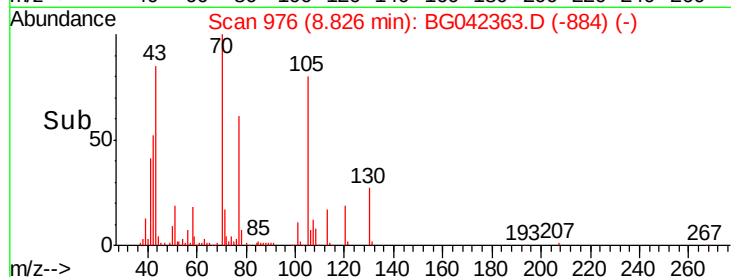
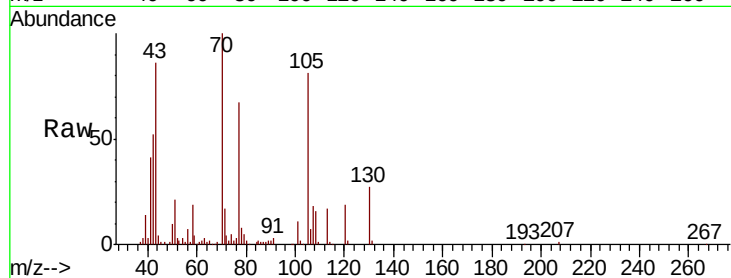
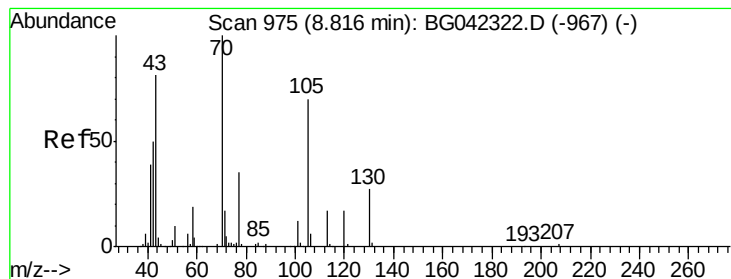
Abundance

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: 39.885 ng

RT: 8.83 min Scan# 976

Delta R.T. 0.01 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 117815

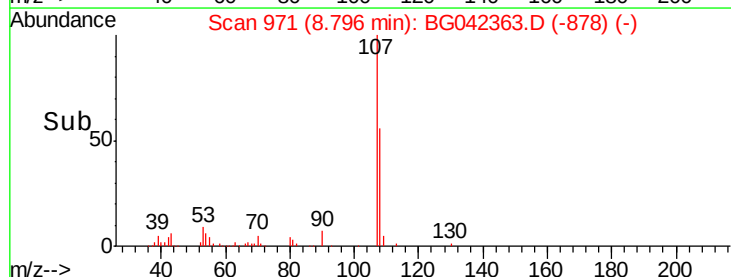
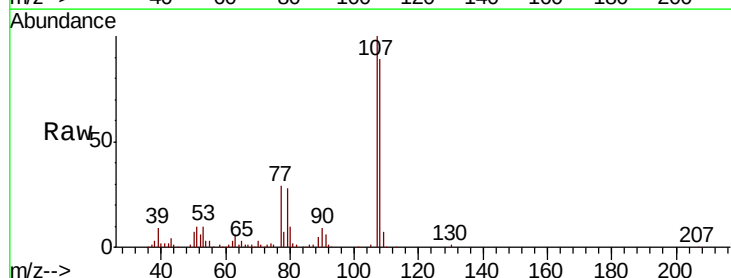
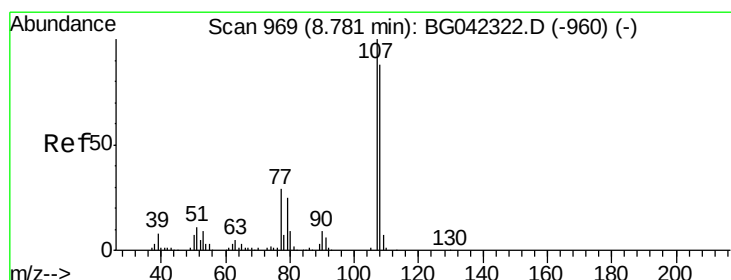
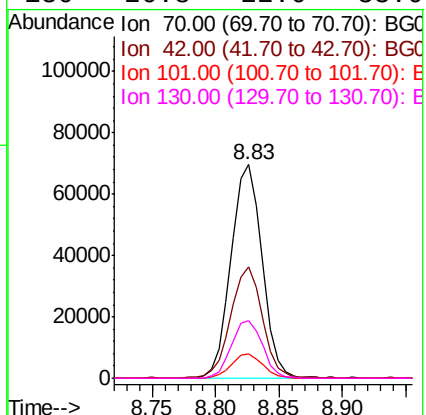
Ion Ratio Lower Upper

70 100

42 52.0 40.5 60.7

101 11.4 9.3 13.9

130 26.8 22.0 33.0



#20

3+4-Methylphenols

Concen: 42.971 ng

RT: 8.80 min Scan# 971

Delta R.T. 0.02 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Tgt Ion: 107 Resp: 205238

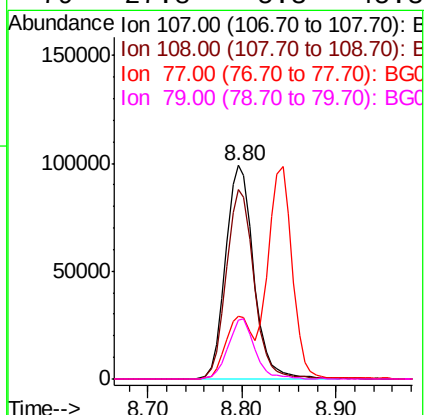
Ion Ratio Lower Upper

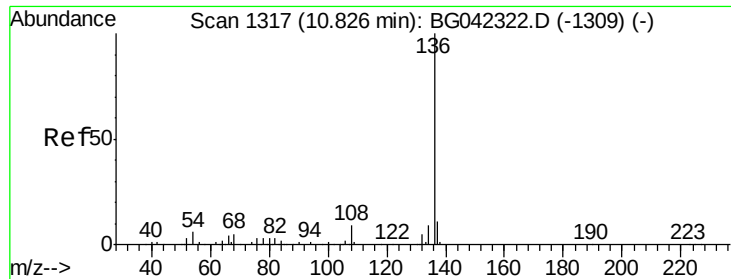
107 100

108 88.9 67.8 107.8

77 29.1 9.1 49.1

79 27.8 5.3 45.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 277493

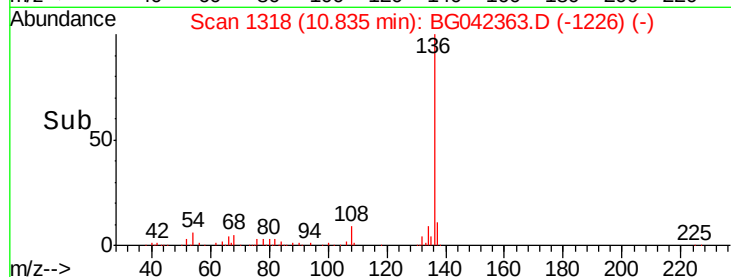
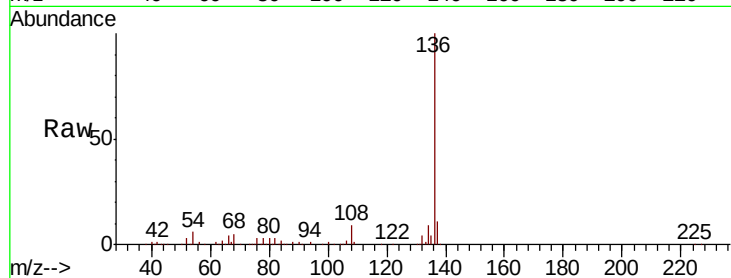
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 6.4 5.0 7.4

68 4.7 3.8 5.8

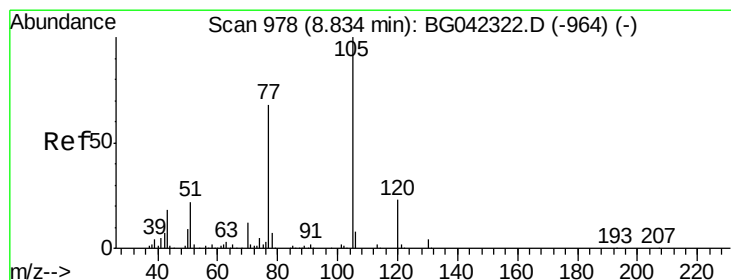
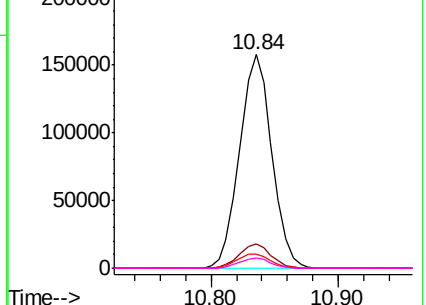


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.239 ng

RT: 8.84 min Scan# 979

Delta R.T. 0.01 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Tgt Ion:105 Resp: 249045

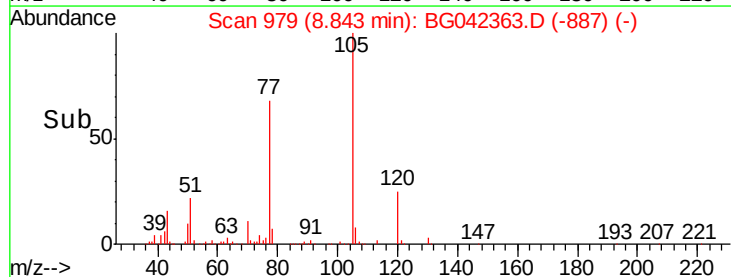
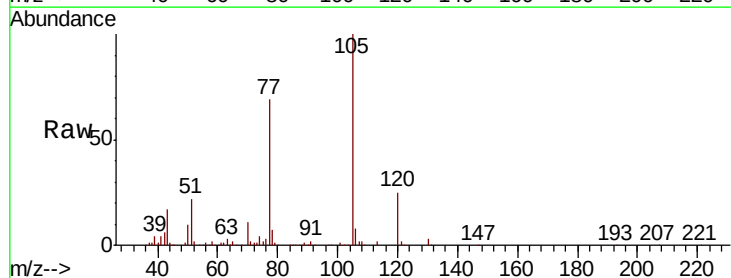
Ion Ratio Lower Upper

105 100

71 1.9 1.8 2.8

51 22.3 17.5 26.3

120 25.2 18.4 27.6

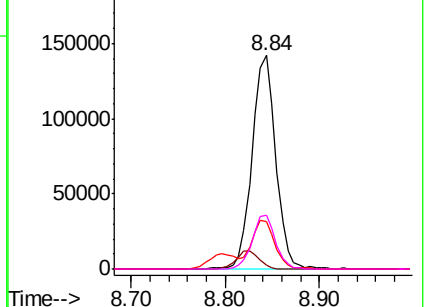


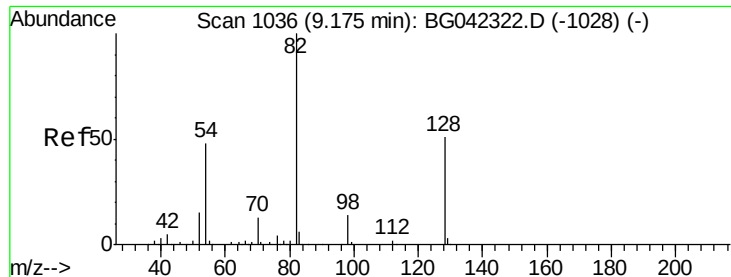
Abundance Ion 105.00 (104.70 to 105.70): E

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

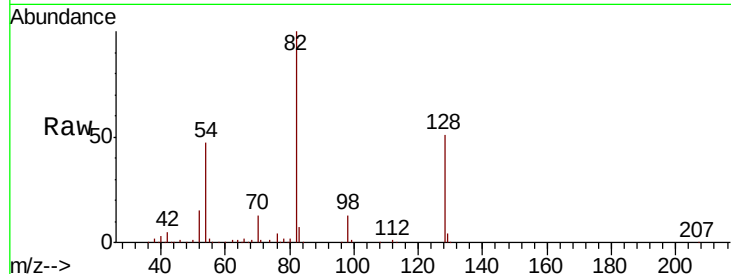




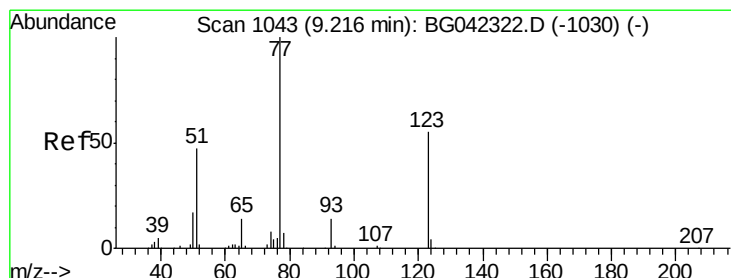
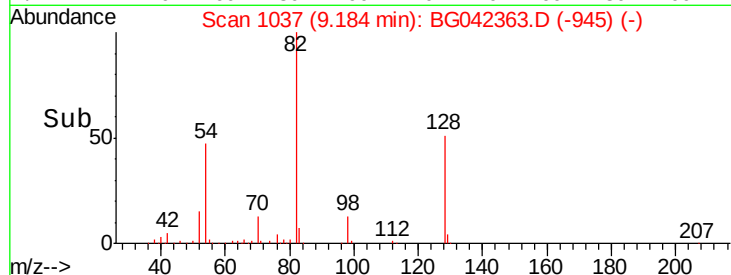
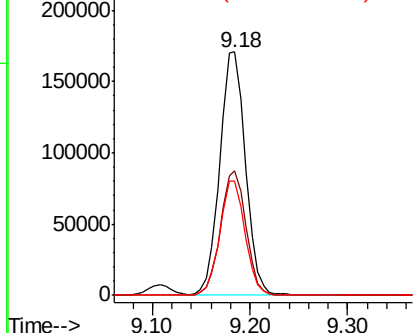
#23
Nitrobenzene-d5
Concen: 78.801 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	310904
Ion Ratio	Lower	Upper	
82	100		
128	51.4	41.0	61.4
54	46.8	38.0	57.0

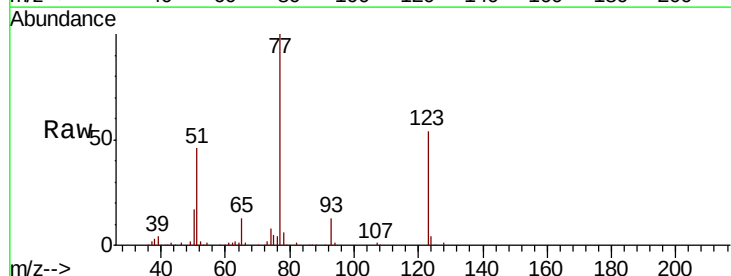


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

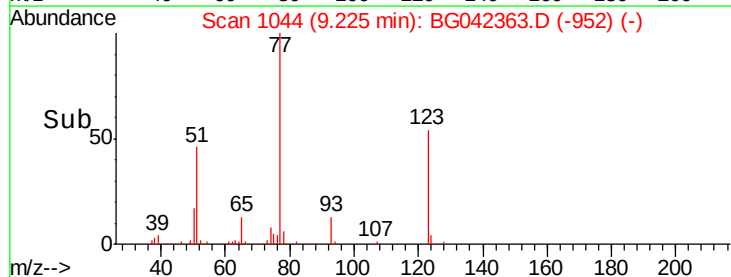
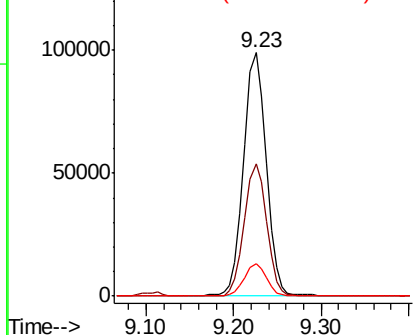


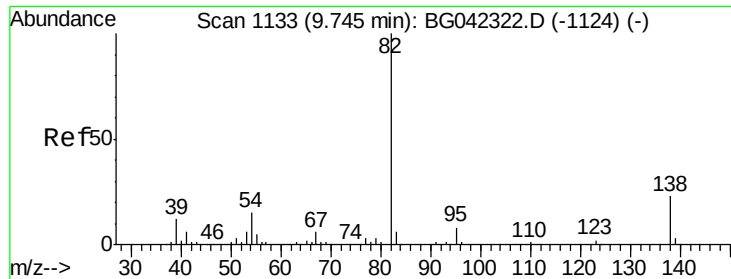
#24
Nitrobenzene
Concen: 43.045 ng
RT: 9.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion	77	Resp	173049
Ion Ratio	Lower	Upper	
77	100		
123	54.1	43.7	65.5
65	13.5	10.9	16.3



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





#25

Isophorone

Concen: 41.140 ng

RT: 9.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

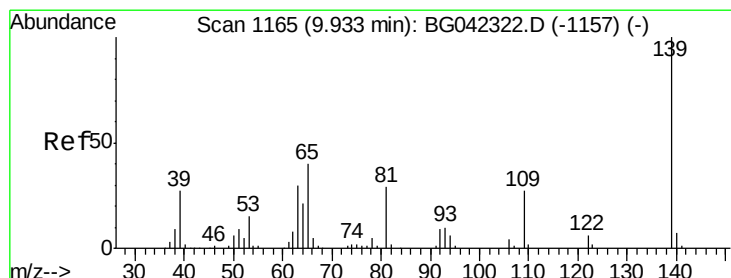
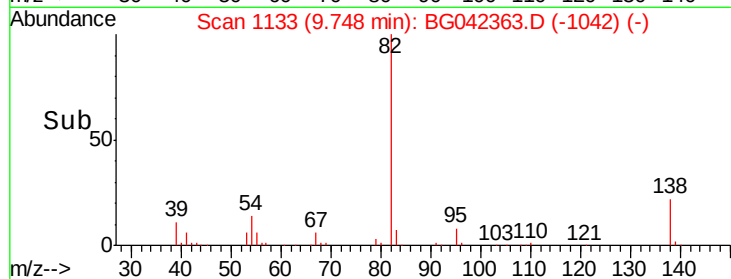
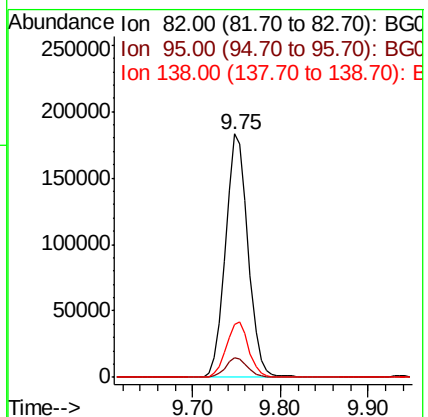
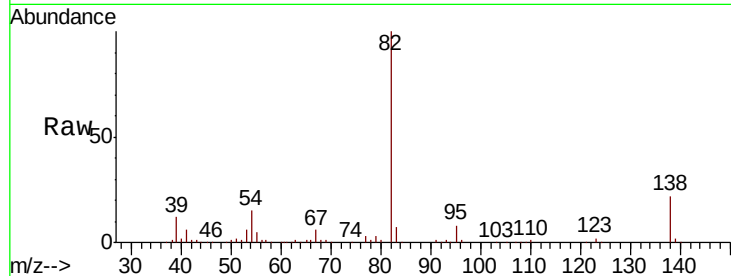
Tot Ion: 82 Resp: 324572

Ion Ratio Lower Upper

82 100

95 8.1 6.1 9.1

138 21.6 18.2 27.2



#26

2-Nitrophenol

Concen: 43.956 ng

RT: 9.94 min Scan# 1166

Delta R.T. 0.01 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

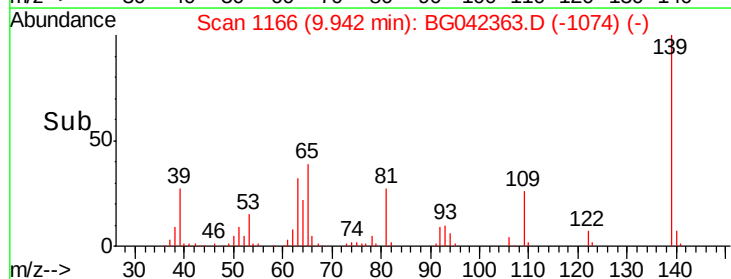
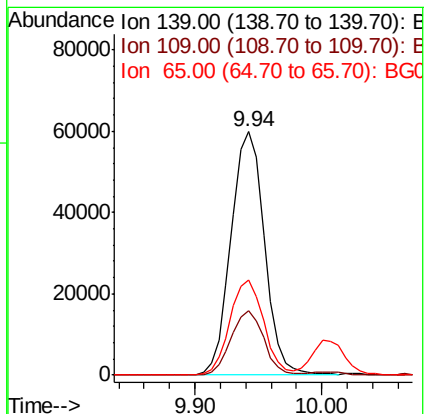
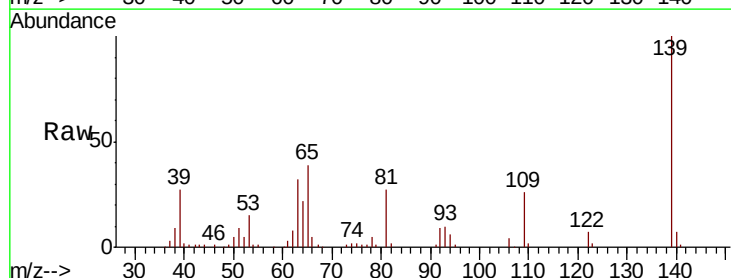
Tgt Ion: 139 Resp: 109852

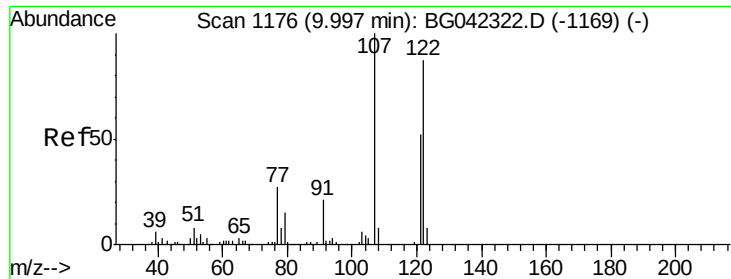
Ion Ratio Lower Upper

139 100

109 26.2 21.4 32.2

65 38.9 31.8 47.6

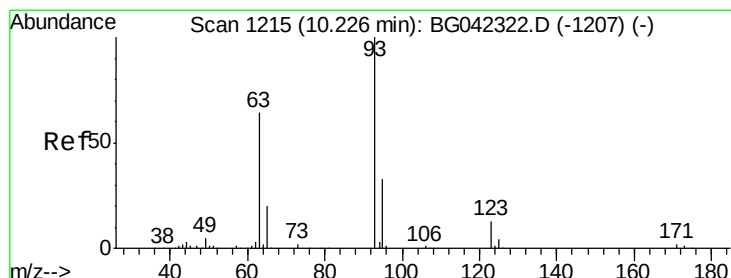
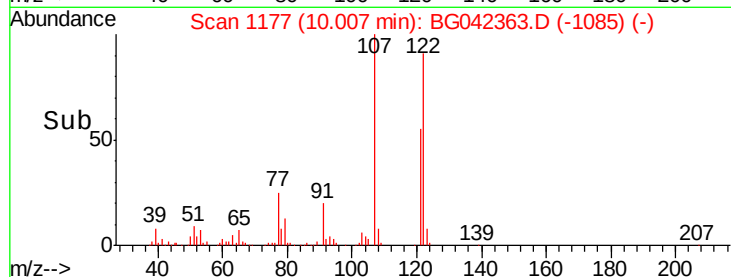
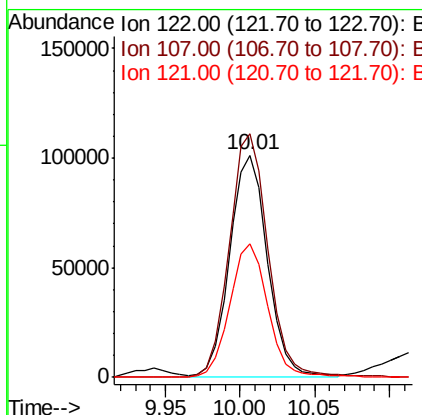
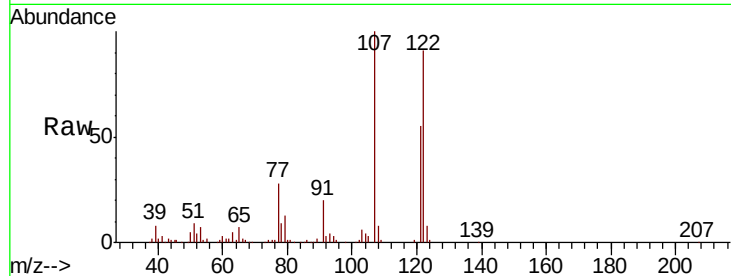




#27
 2,4-Dimethylphenol
 Concen: 51.280 ng
 RT: 10.01 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

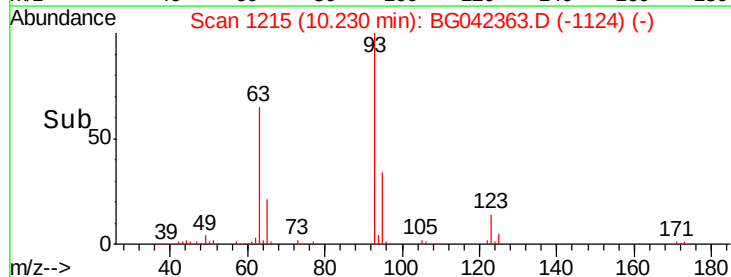
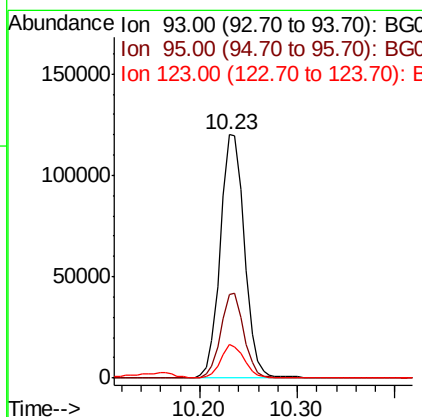
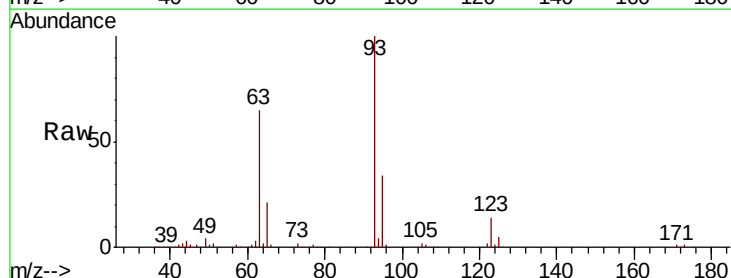
Instrument :
 BNA_G
 ClientSampled :

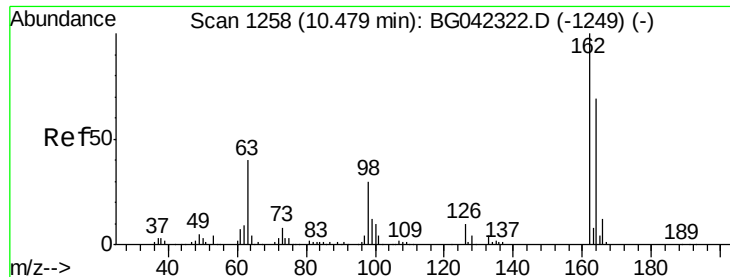
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.7	91.0	136.4
121	60.3	47.1	70.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.829 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	26.3	39.5
123	13.6	10.3	15.5

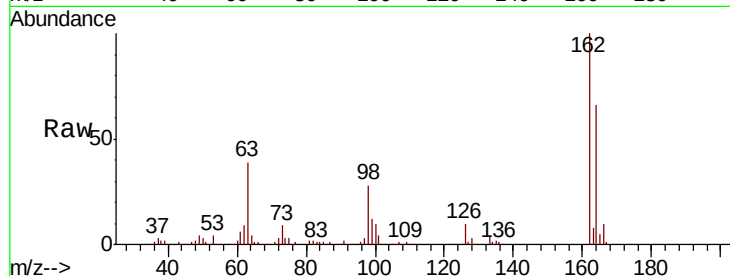




#29
 2,4-Dichlorophenol
 Concen: 44.574 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. 0.01 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	48.6	88.6
98	28.0	9.6	49.6

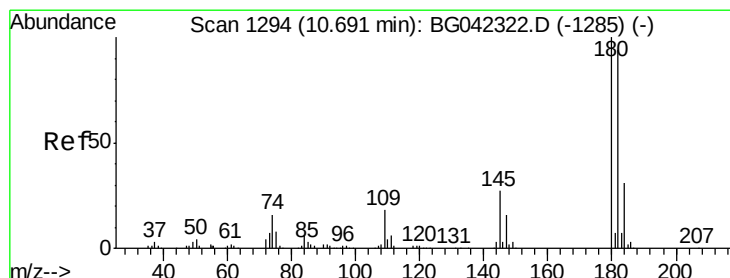
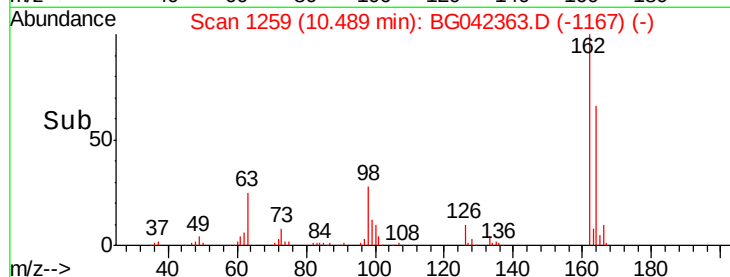
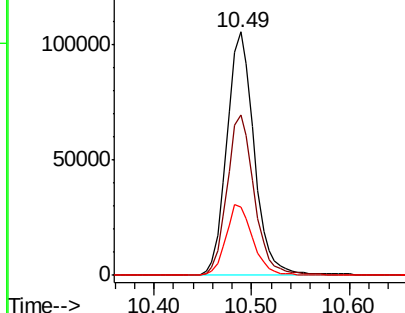


Abundance

Ion 162.00 (161.70 to 162.70): E

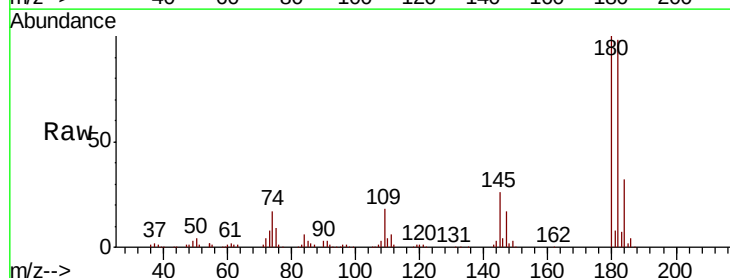
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 40.366 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	75.1	112.7
145	26.5	21.2	31.8

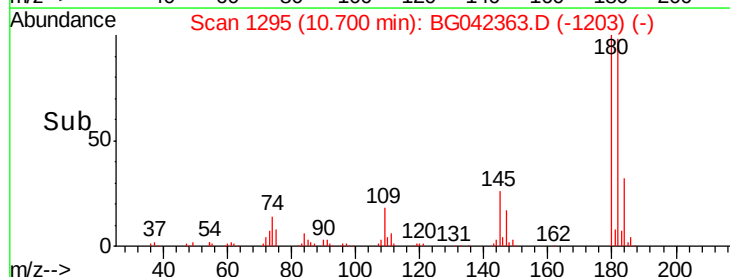
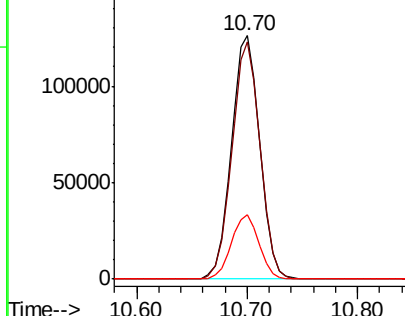


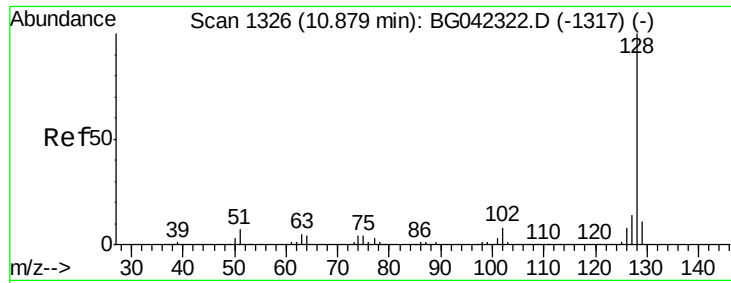
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

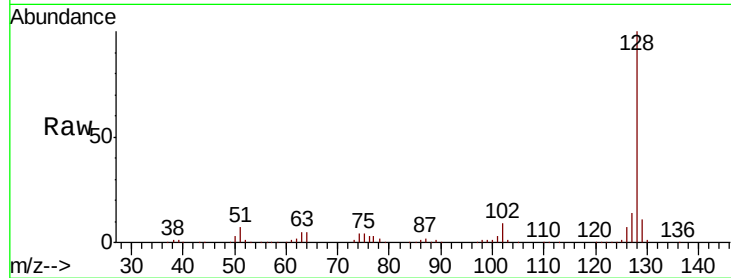




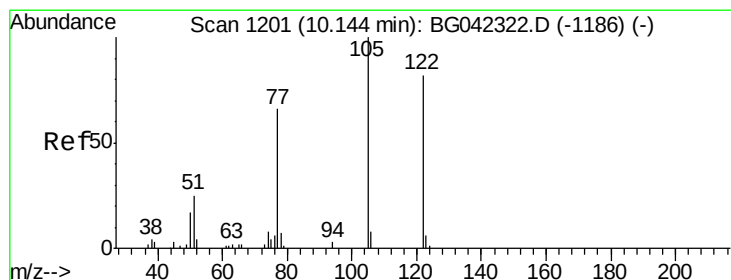
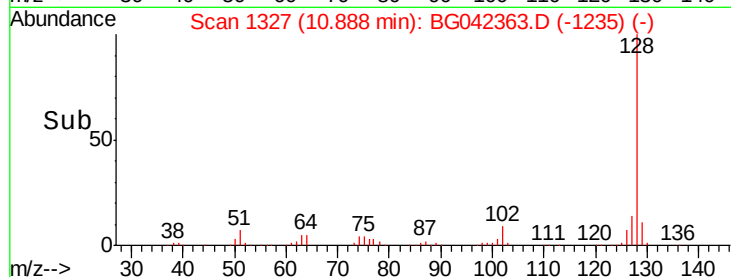
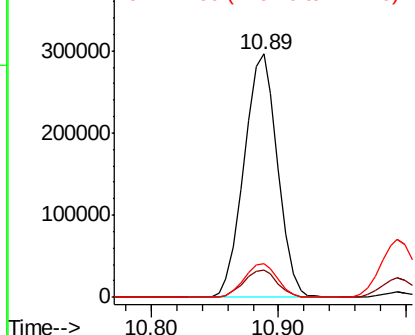
#31
Naphthalene
Concen: 42.212 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 542826
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 14.0 10.8 16.2

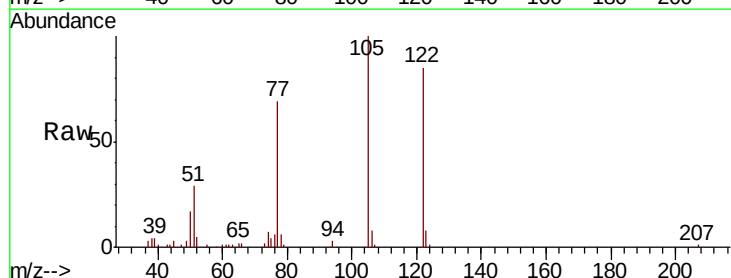


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

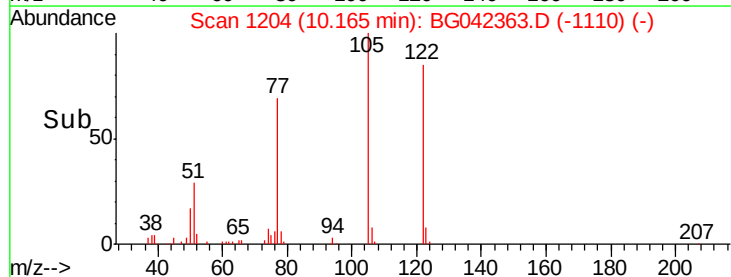
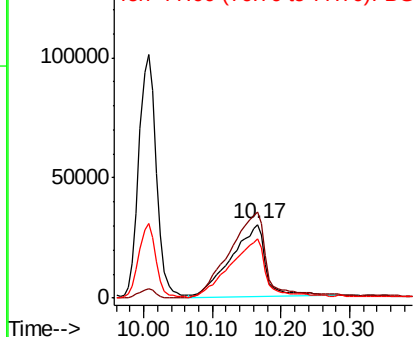


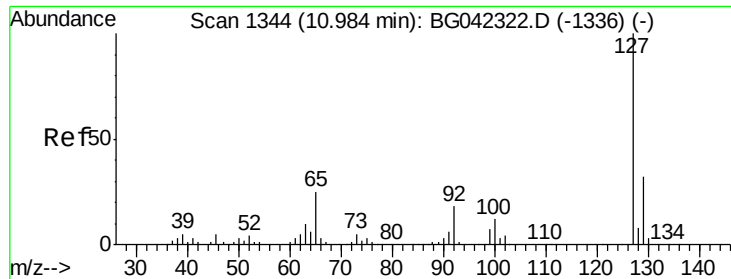
#32
Benzoic acid
Concen: 43.242 ng
RT: 10.17 min Scan# 1204
Delta R.T. 0.02 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion:122 Resp: 106659
Ion Ratio Lower Upper
122 100
105 117.7 97.7 137.7
77 81.1 58.4 98.4



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

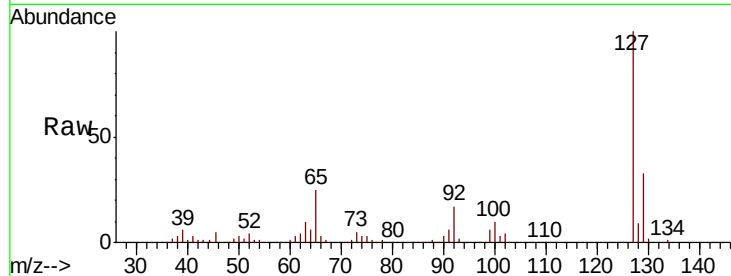




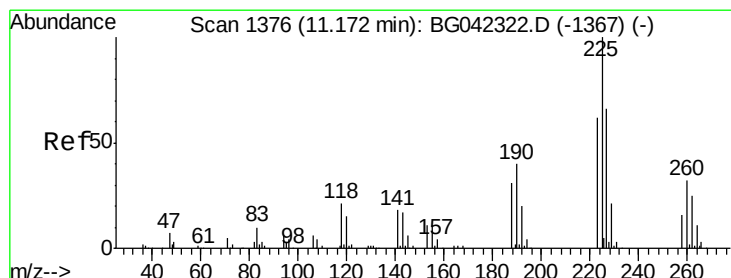
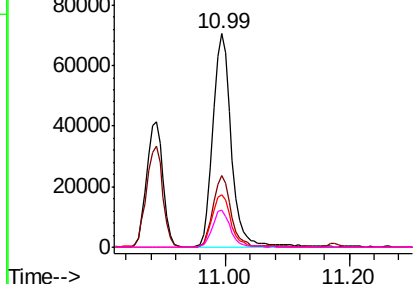
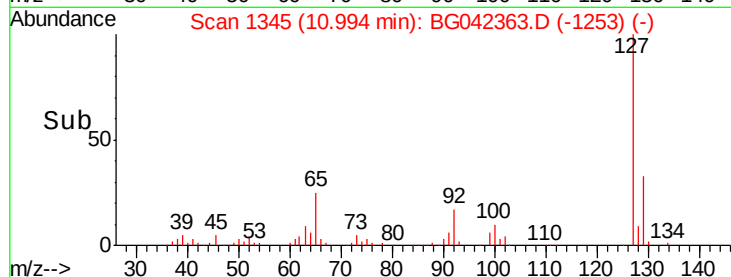
#33
4-Chloroaniline
Concen: 24.595 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	144225
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.9	38.9
65	24.8	19.8	29.8
92	17.4	14.4	21.6

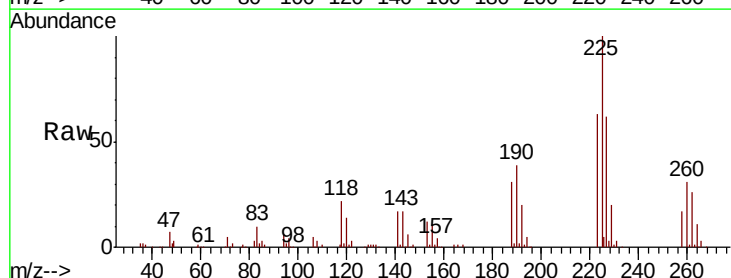


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

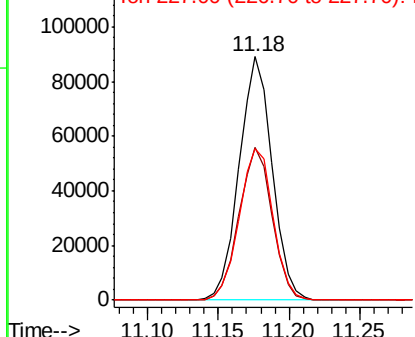
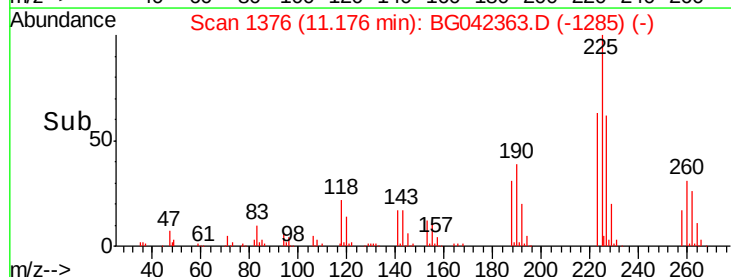


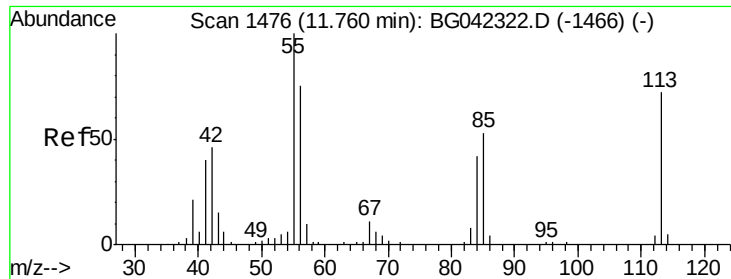
#34
Hexachlorobutadiene
Concen: 38.480 ng
RT: 11.18 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion:	225	Resp:	145309
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.8	74.8
227	62.4	52.9	79.3



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

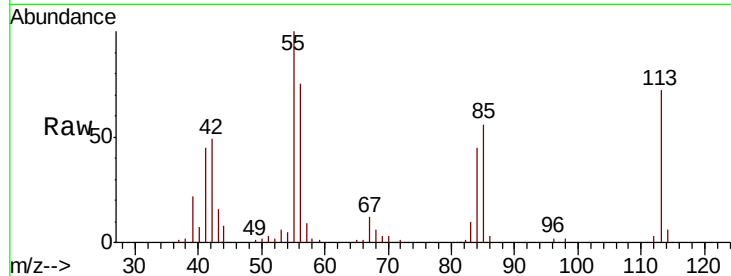




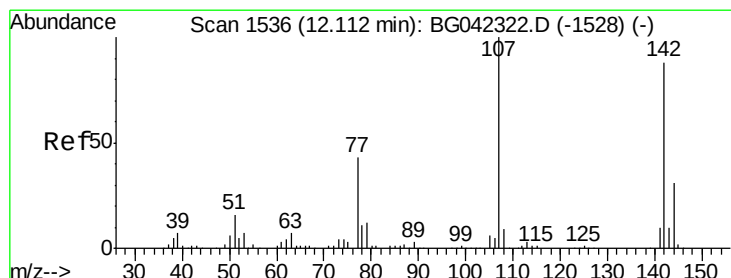
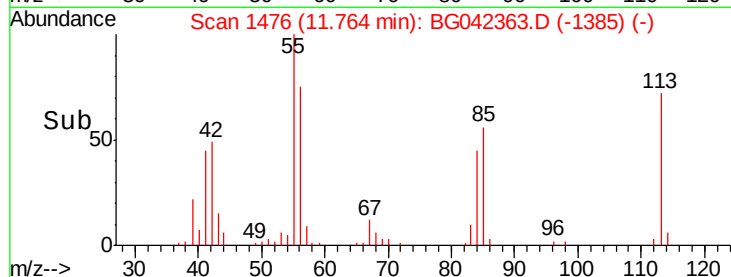
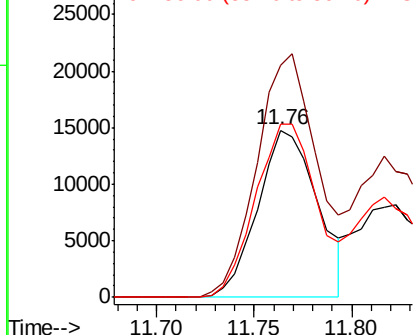
#35
 Caprolactam
 Concen: 21.364 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 31390
 Ion Ratio Lower Upper
 113 100
 55 138.6 119.4 159.4
 56 103.4 83.9 123.9

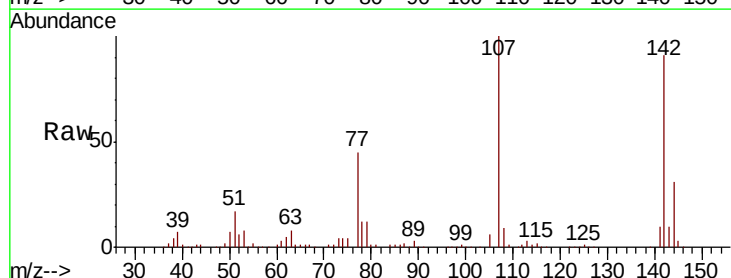


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

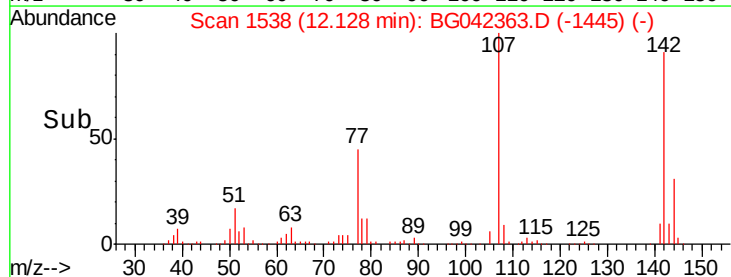
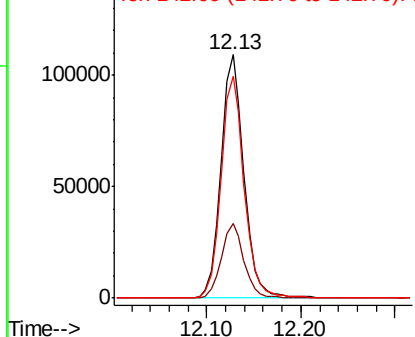


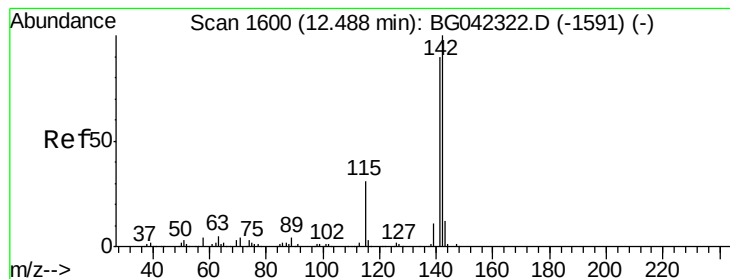
#36
 4-Chloro-3-methylphenol
 Concen: 43.067 ng
 RT: 12.13 min Scan# 1538
 Delta R.T. 0.02 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion:107 Resp: 185571
 Ion Ratio Lower Upper
 107 100
 144 30.7 24.9 37.3
 142 91.2 70.3 105.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

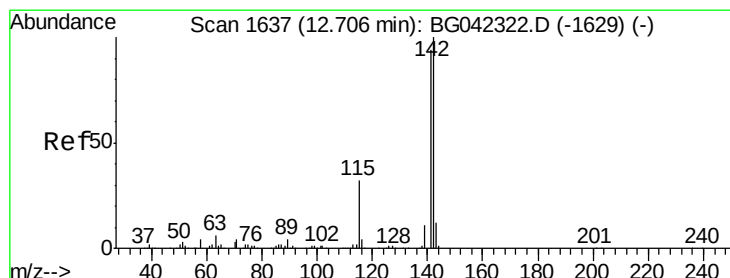
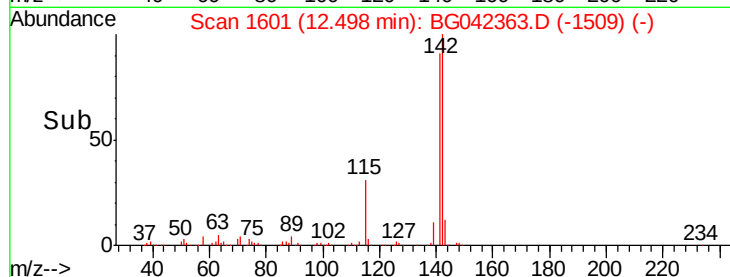
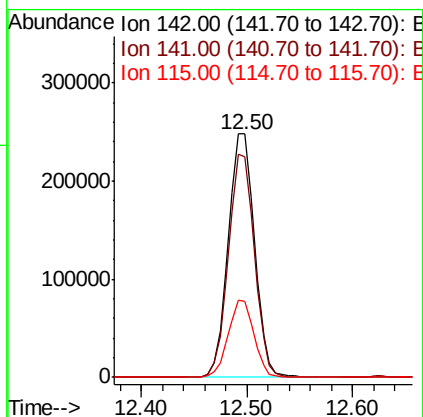
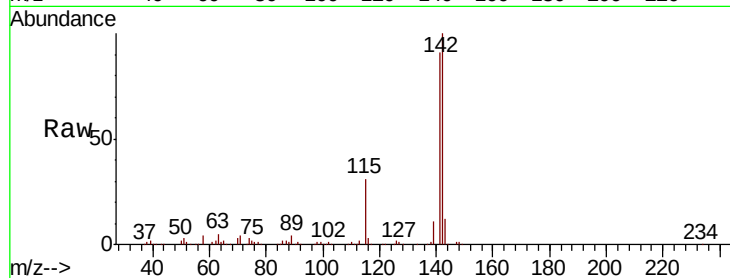




#37
 2-Methylnaphthalene
 Concen: 41.373 ng
 RT: 12.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

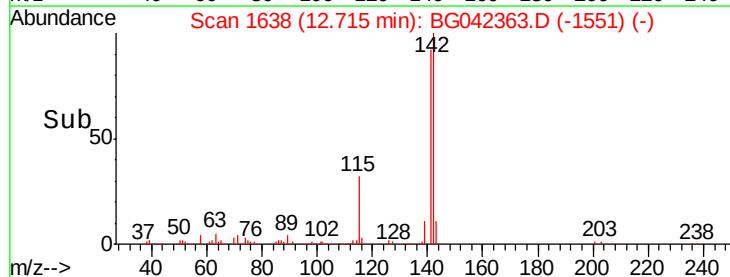
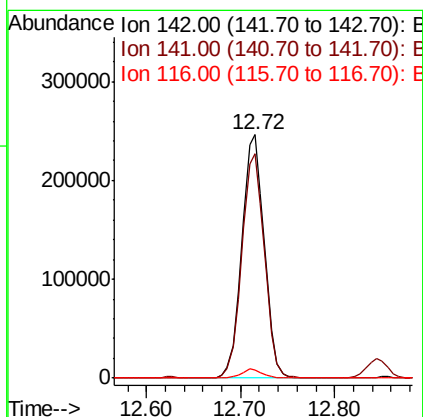
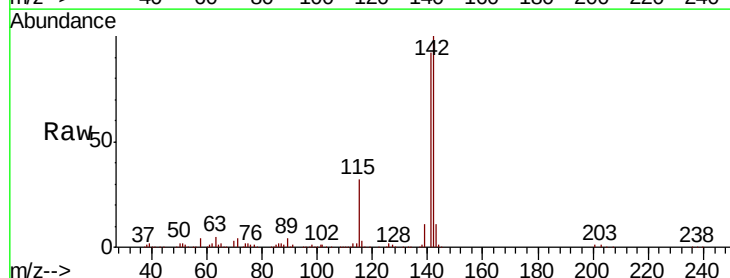
Instrument :
 BNA_G
 ClientSampleId :

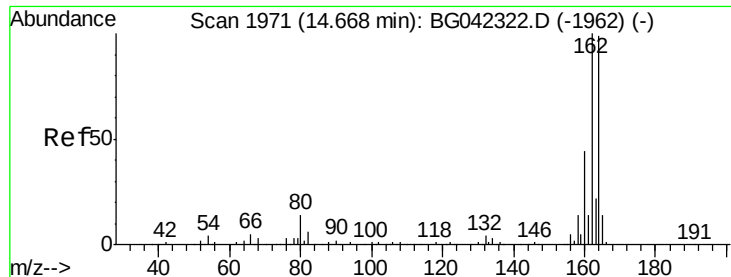
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.1	108.1
115	31.1	24.4	36.6



#38
 1-Methylnaphthalene
 Concen: 41.042 ng
 RT: 12.72 min Scan# 1638
 Delta R.T. 0.01 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	75.1	112.7
116	3.4	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

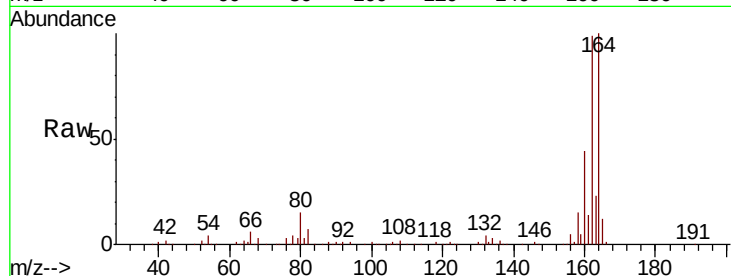
Tot Ion:164 Resp: 198578

Ion Ratio Lower Upper

164 100

162 99.1 80.6 120.8

160 43.7 35.7 53.5

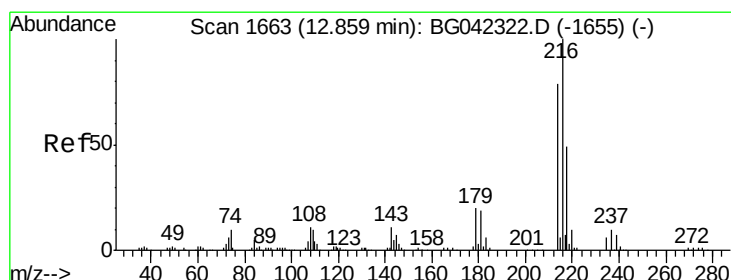
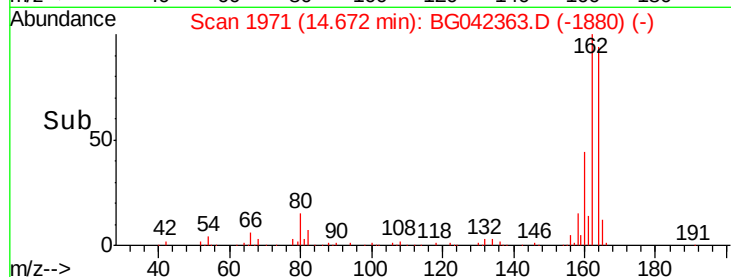
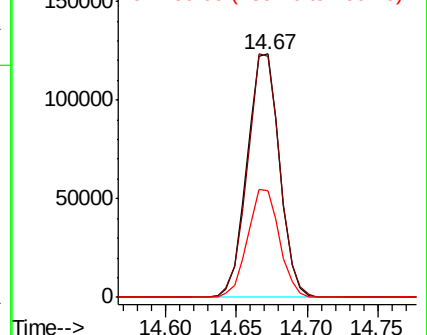


Abundance

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: 41.365 ng

RT: 12.87 min Scan# 1664

Delta R.T. 0.01 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Tgt Ion:216 Resp: 264767

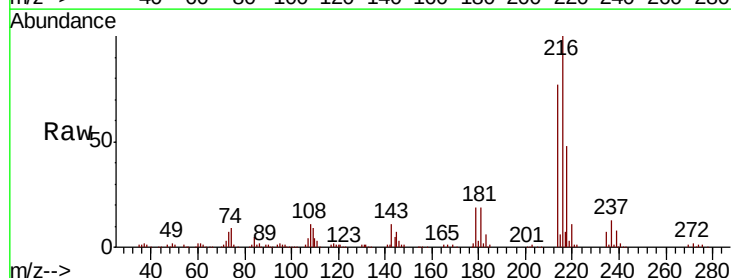
Ion Ratio Lower Upper

216 100

214 76.8 62.2 93.4

179 19.3 15.3 22.9

108 13.4 9.6 14.4



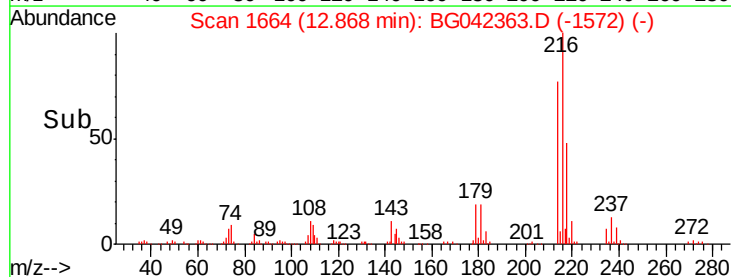
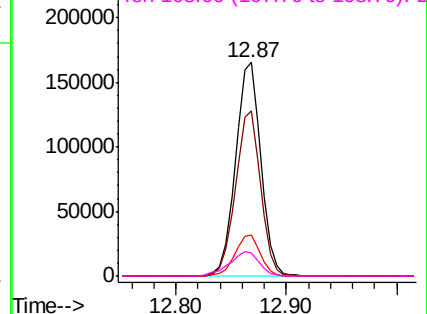
Abundance

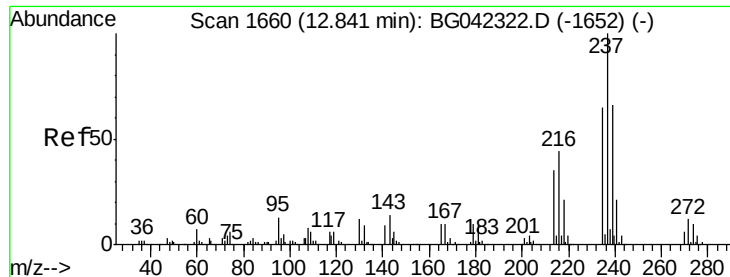
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

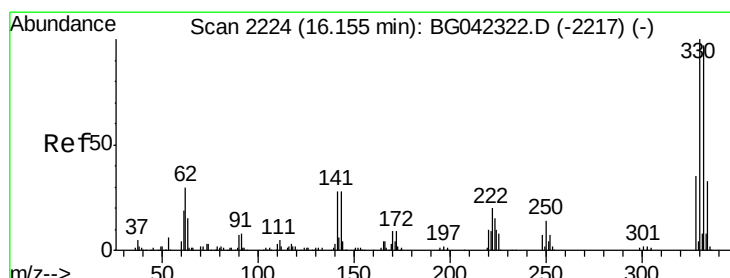
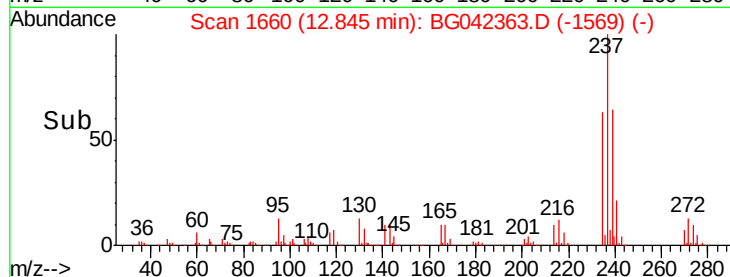
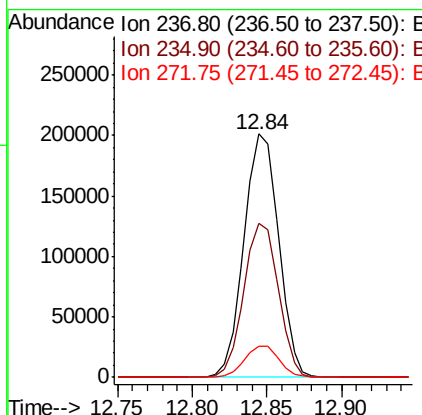
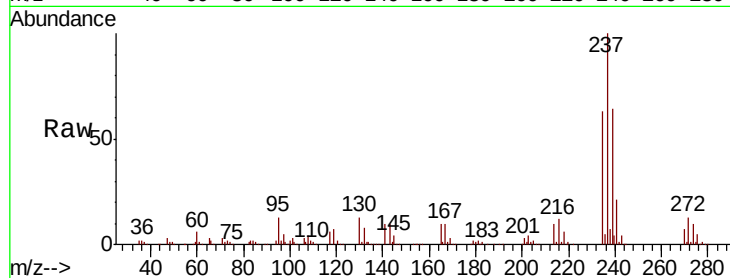




#41
Hexachlorocyclopentadiene
Concen: 86.881 ng
RT: 12.84 min Scan# 1660
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

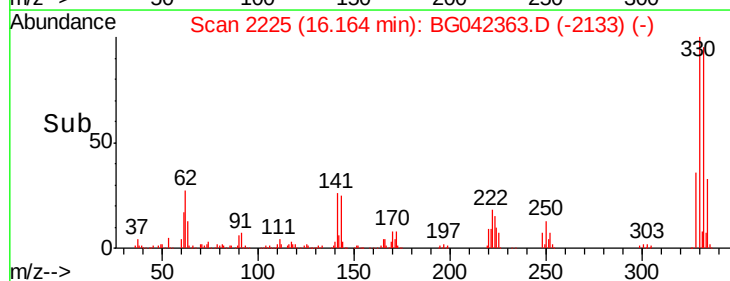
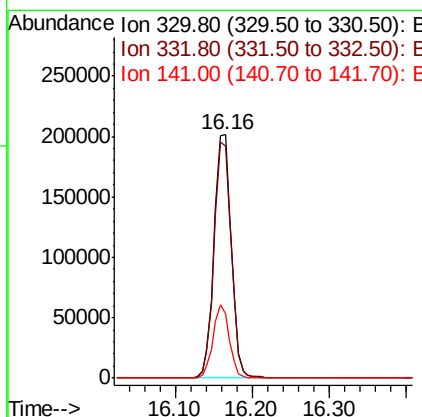
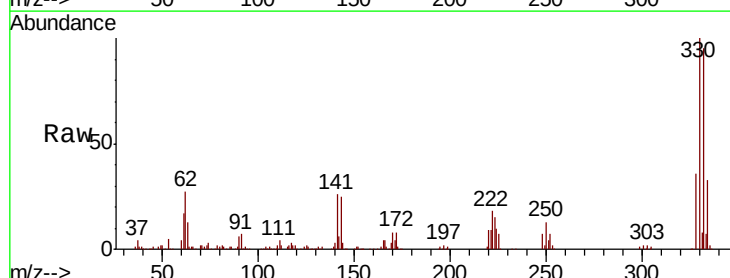
Instrument :
BNA_G
ClientSampleId :

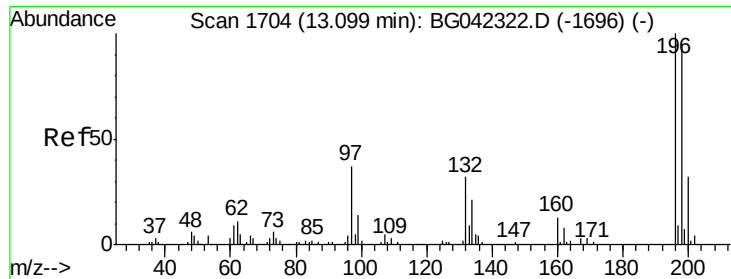
Tot Ion:237 Resp: 323355
Ion Ratio Lower Upper
237 100
235 63.2 45.1 85.1
272 13.0 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 114.467 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion:330 Resp: 309587
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 28.4 21.8 32.6

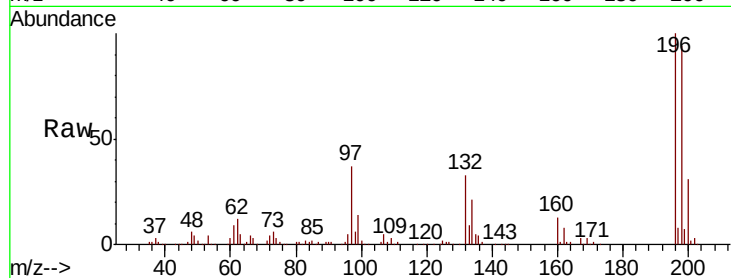




#43
 2,4,6-Trichlorophenol
 Concen: 42.643 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	182687
Ion Ratio	Lower	Upper	
196	100		
198	93.9	75.9	113.9
200	30.7	25.5	38.3

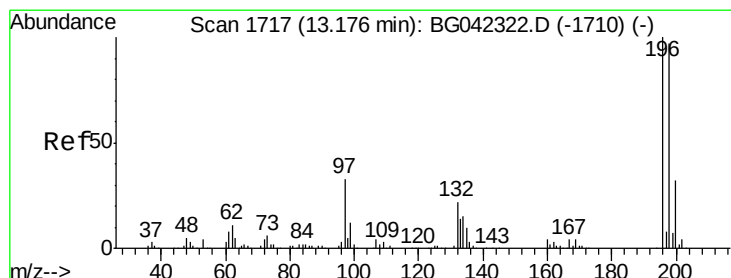
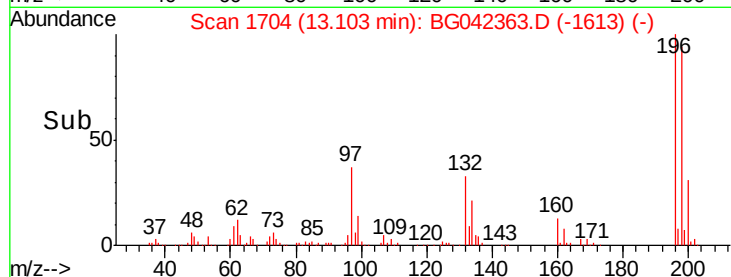
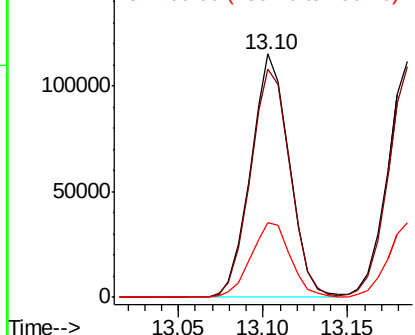


Abundance

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: 43.898 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion	196	Resp	193694
Ion Ratio	Lower	Upper	
196	100		
198	97.9	77.4	116.2
97	34.7	26.5	39.7
132	21.8	17.5	26.3

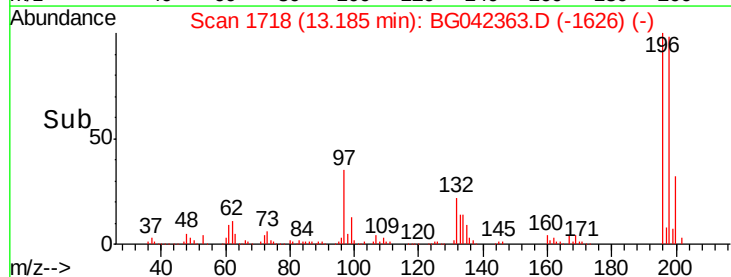
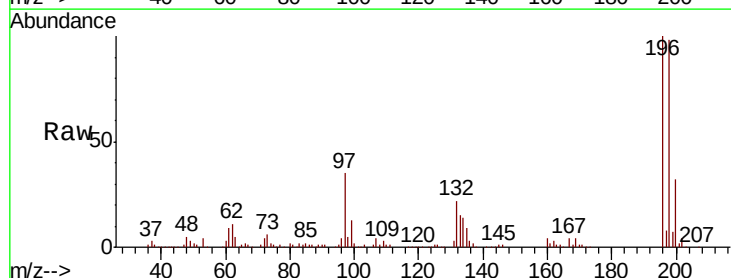
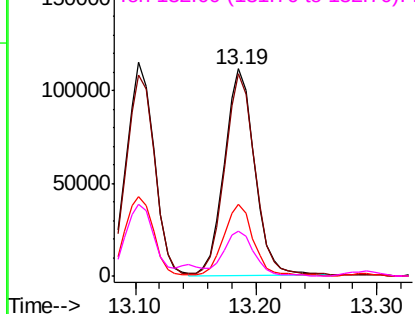
Abundance

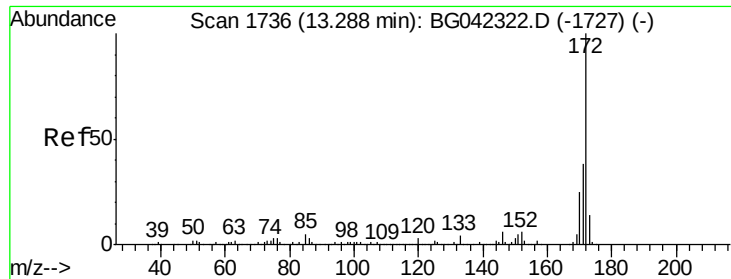
Ion 196.00 (195.70 to 196.70): E

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

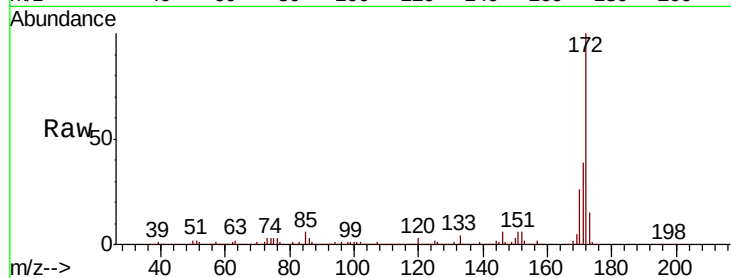




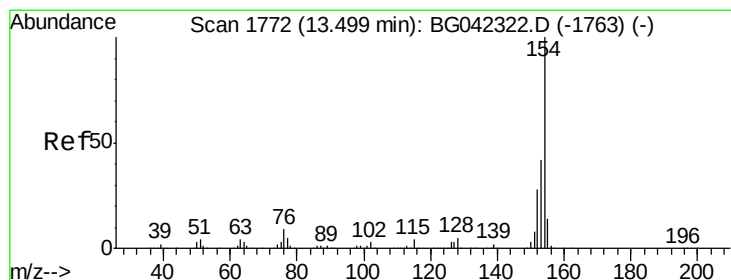
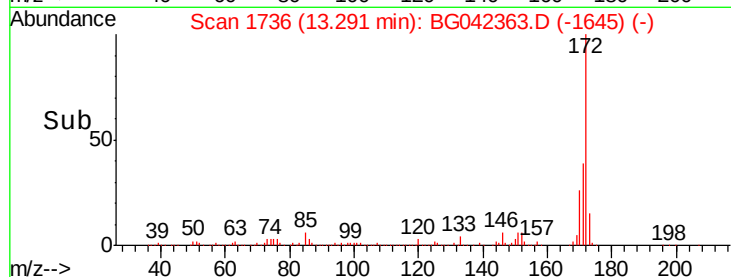
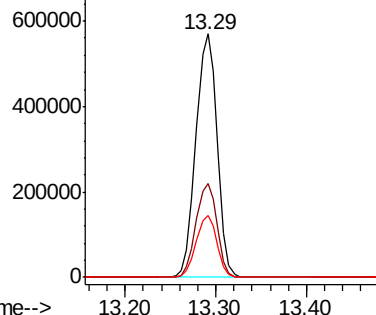
#45
 2-Fluorobiphenyl
 Concen: 78.773 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.3	45.5
170	25.6	20.0	30.0

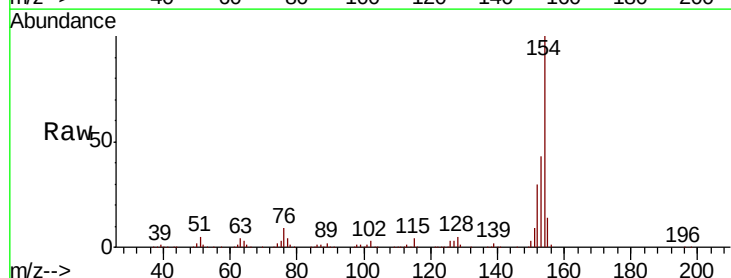


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

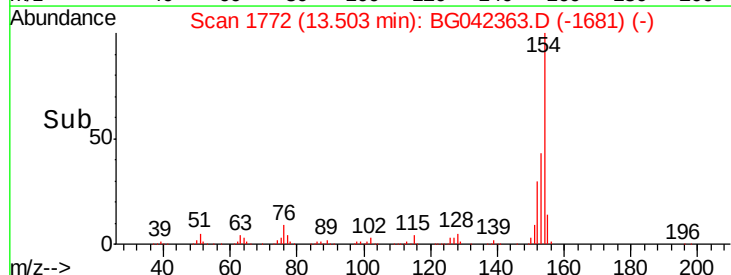
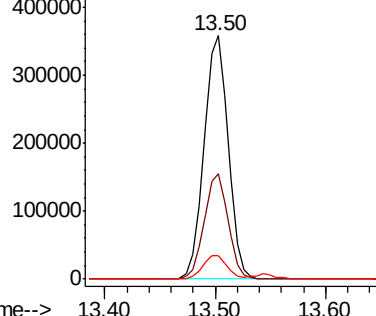


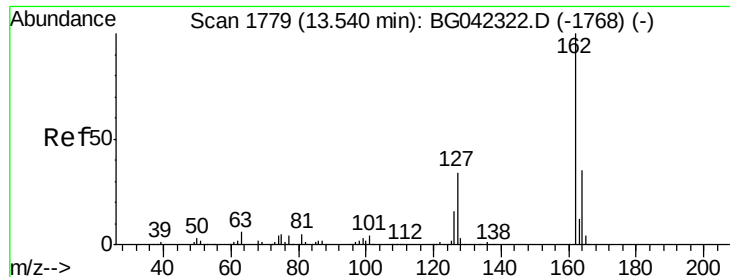
#46
 1,1'-Biphenyl
 Concen: 42.390 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	21.9	61.9
76	9.5	0.0	29.3



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): BGC





#47

2-Chloronaphthalene

Concen: 40.813 ng

RT: 13.54 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

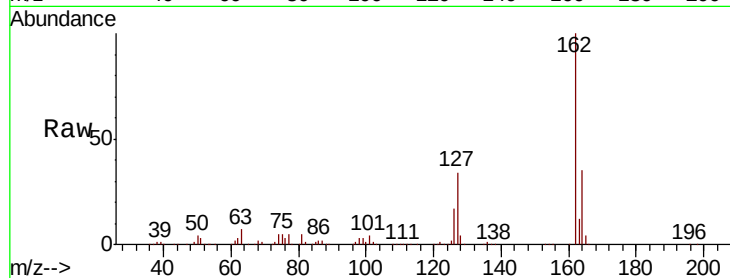
Tot Ion:162 Resp: 450776

Ion Ratio Lower Upper

162 100

127 34.5 27.2 40.8

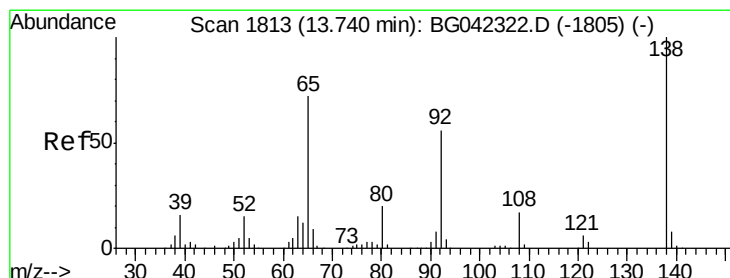
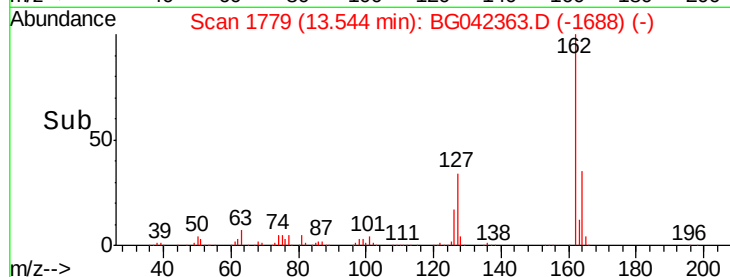
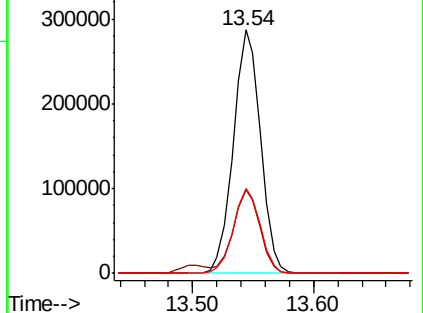
164 34.8 27.8 41.8



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: 40.711 ng

RT: 13.74 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

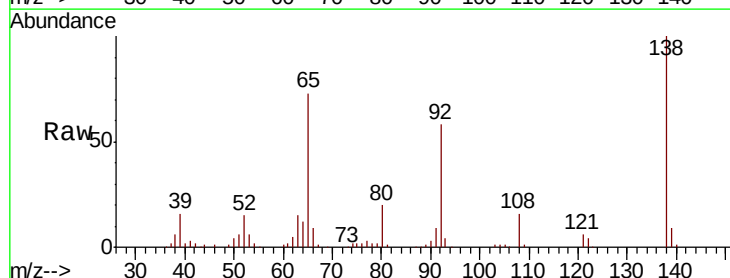
Tgt Ion: 65 Resp: 106269

Ion Ratio Lower Upper

65 100

92 80.2 62.6 94.0

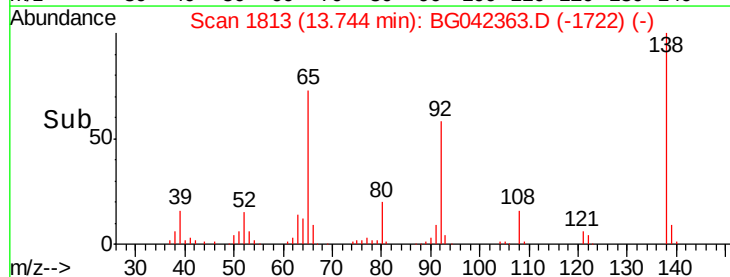
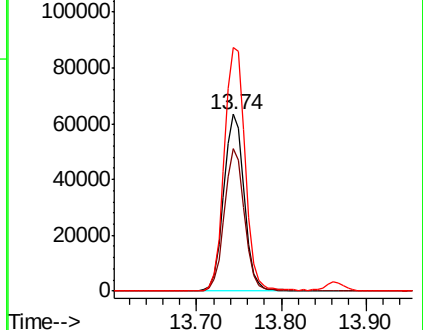
138 137.6 111.5 167.3

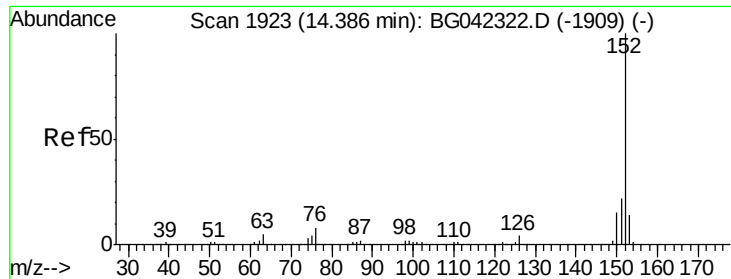


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.333 ng

RT: 14.39 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

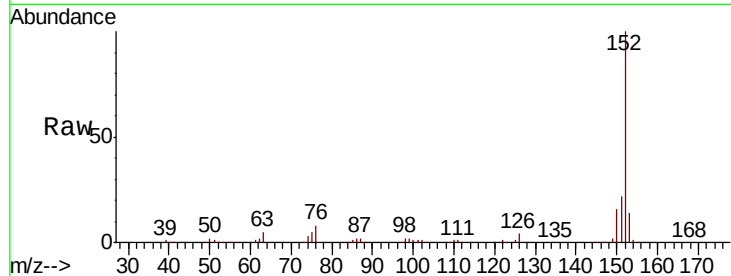
Tot Ion:152 Resp: 702897

Ion Ratio Lower Upper

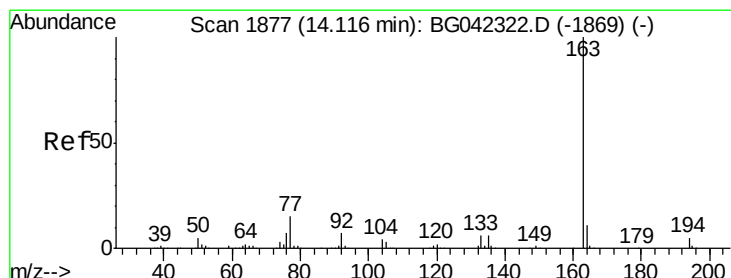
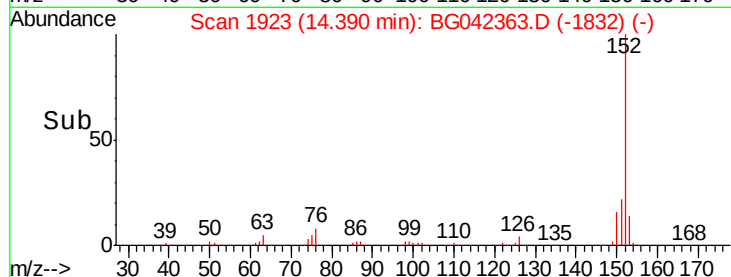
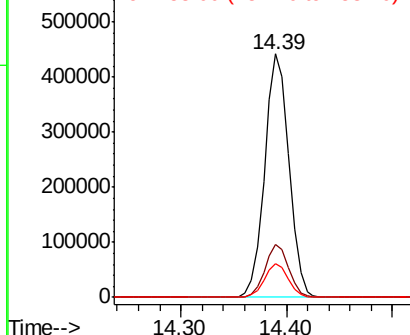
152 100

151 21.9 17.3 25.9

153 14.0 11.5 17.3



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: 40.664 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

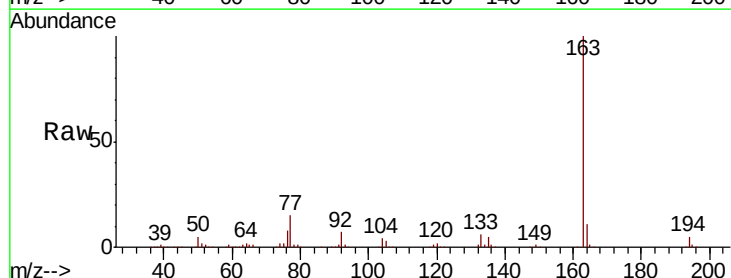
Tgt Ion:163 Resp: 573789

Ion Ratio Lower Upper

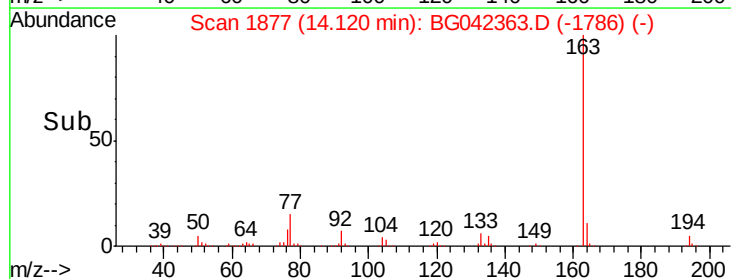
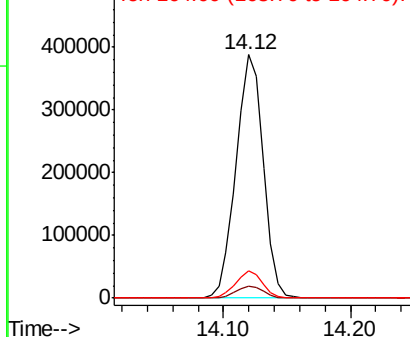
163 100

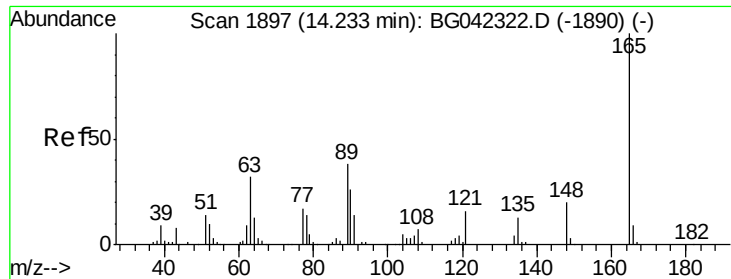
194 5.0 4.2 6.2

164 11.2 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

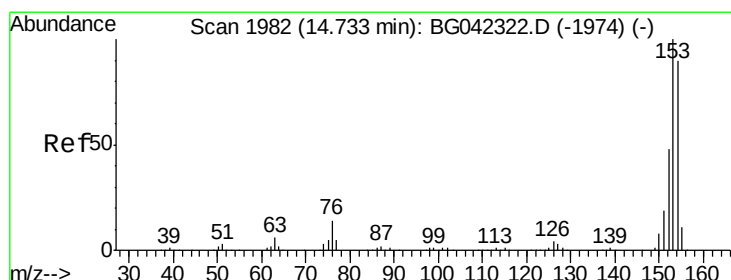
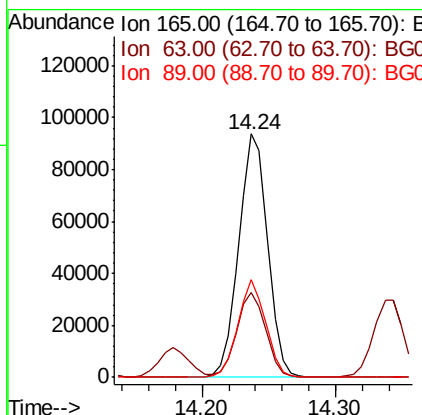
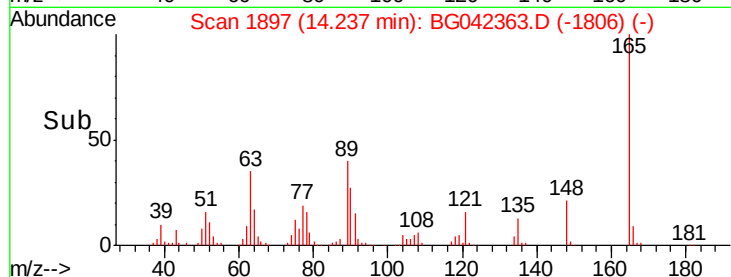
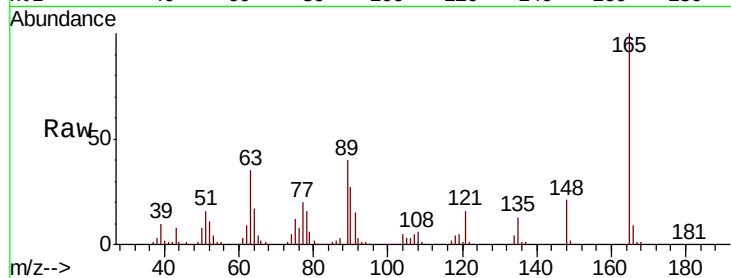




#51
 2,6-Dinitrotoluene
 Concen: 42.372 ng
 RT: 14.24 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

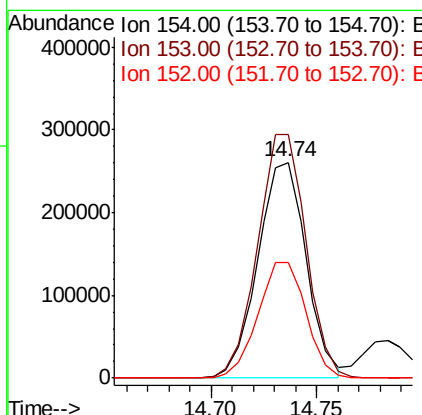
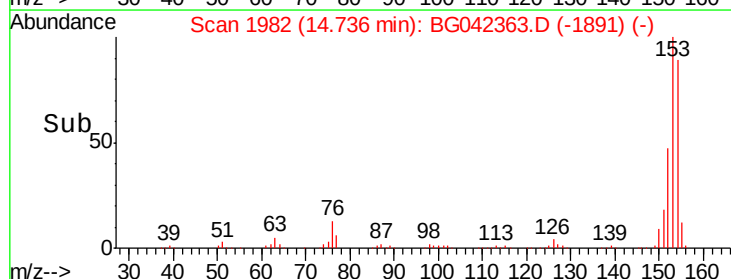
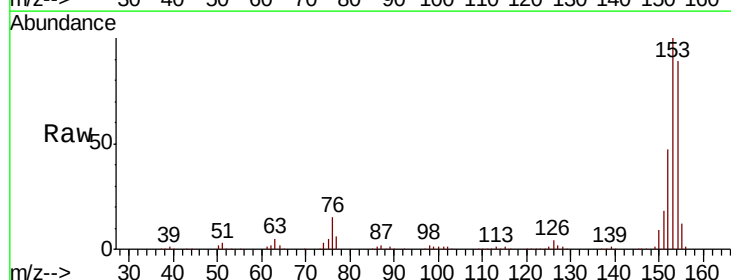
Instrument :
 BNA_G
 ClientSampleId :

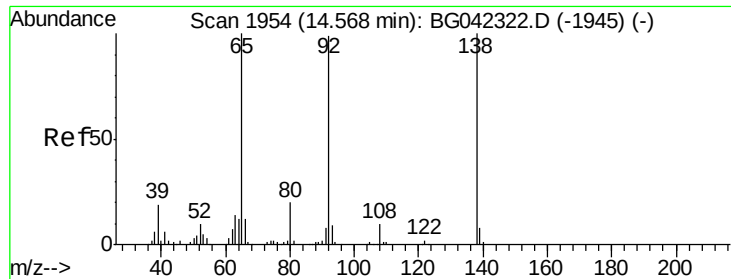
Tot Ion	Ratio	Lower	Upper
165	100		
63	34.9	28.2	42.2
89	39.9	30.0	45.0



#52
 Acenaphthene
 Concen: 40.968 ng
 RT: 14.74 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.4	134.0
152	53.3	43.1	64.7





#53

3-Nitroaniline

Concen: 30.025 ng

RT: 14.57 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

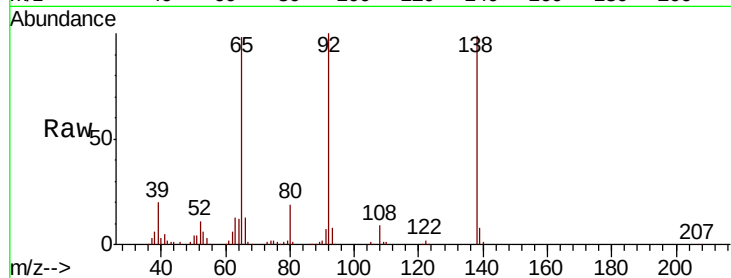
Tot Ion:138 Resp: 97498

Ion Ratio Lower Upper

138 100

108 9.2 7.9 11.9

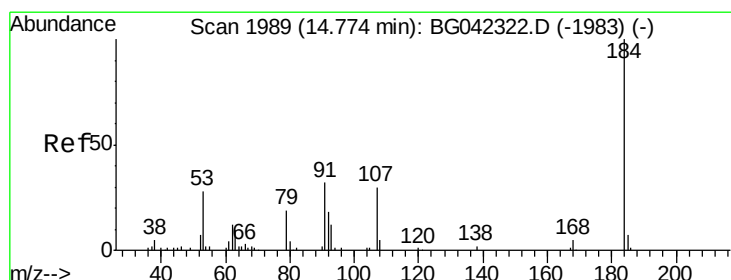
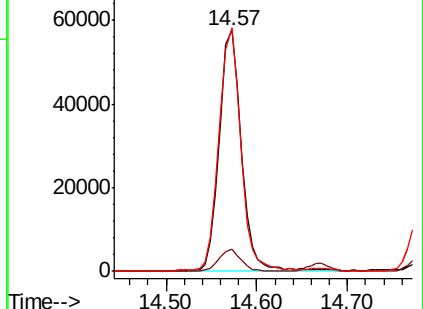
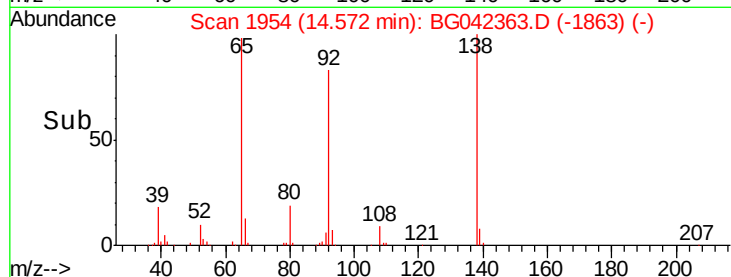
92 101.0 79.8 119.8



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: 74.888 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

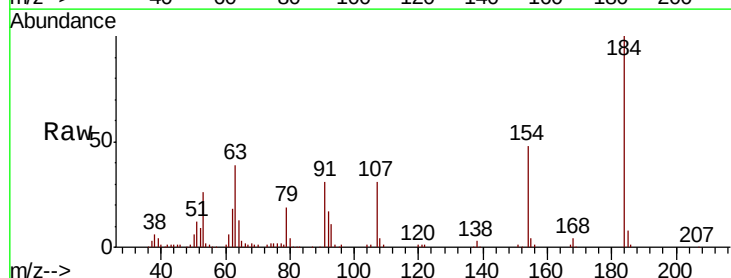
Tgt Ion:184 Resp: 158884

Ion Ratio Lower Upper

184 100

63 38.5 30.2 45.4

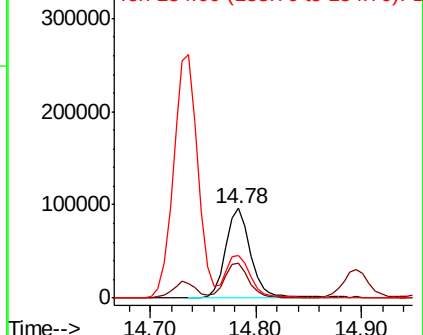
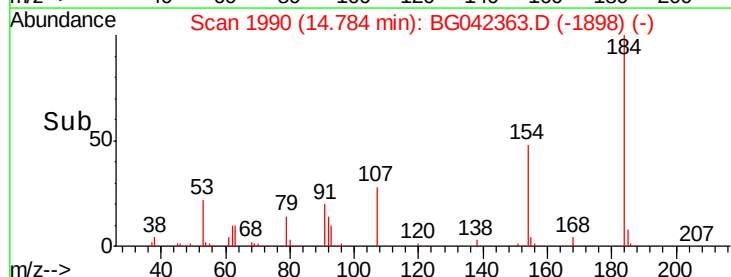
154 47.6 39.7 59.5

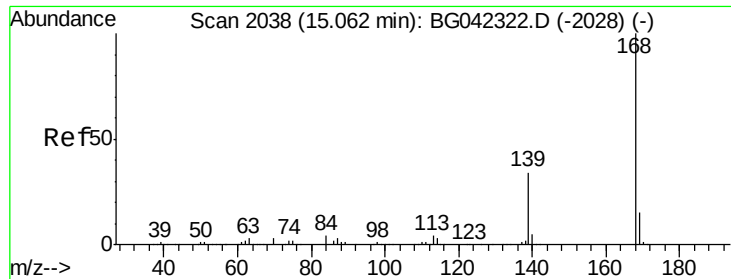


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

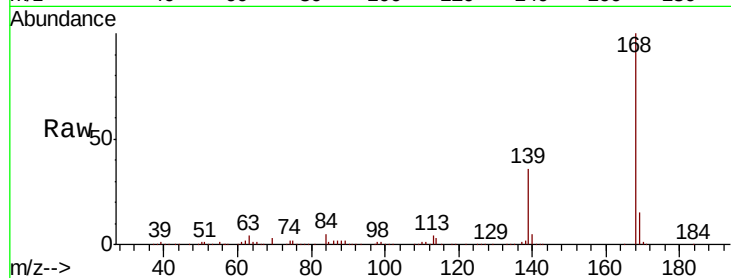




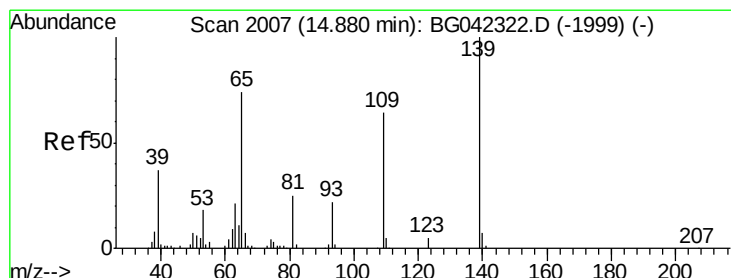
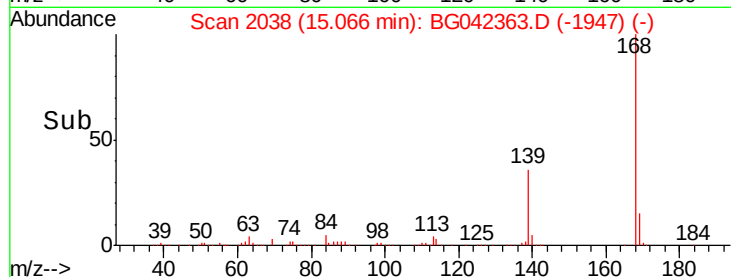
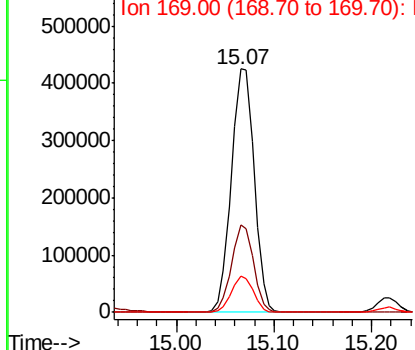
#55
Dibenzenofuran
Concen: 42.064 ng
RT: 15.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 693981
Ion Ratio Lower Upper
168 100
139 35.7 27.6 41.4
169 15.0 11.7 17.5

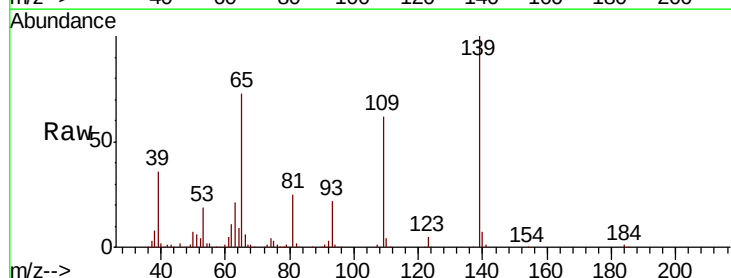


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

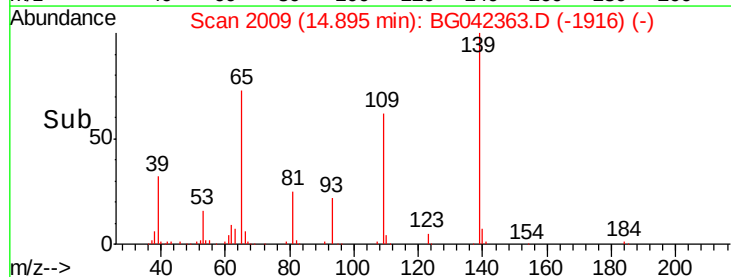
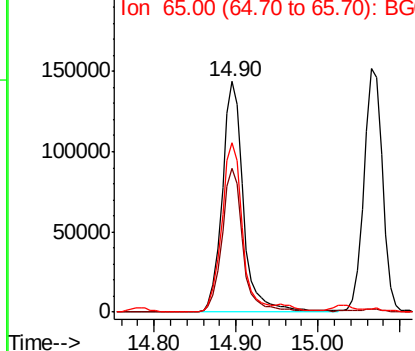


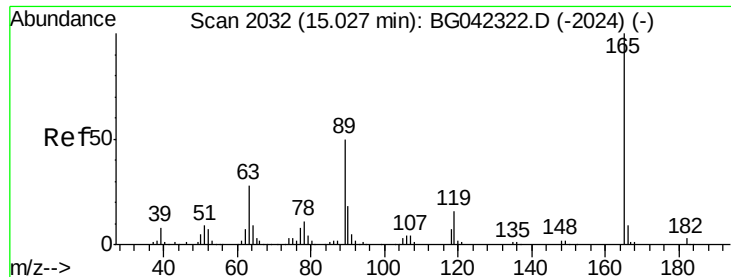
#56
4-Nitrophenol
Concen: 110.730 ng
RT: 14.90 min Scan# 2009
Delta R.T. 0.02 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion:139 Resp: 259399
Ion Ratio Lower Upper
139 100
109 62.4 44.0 84.0
65 73.3 54.5 94.5



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): BGC

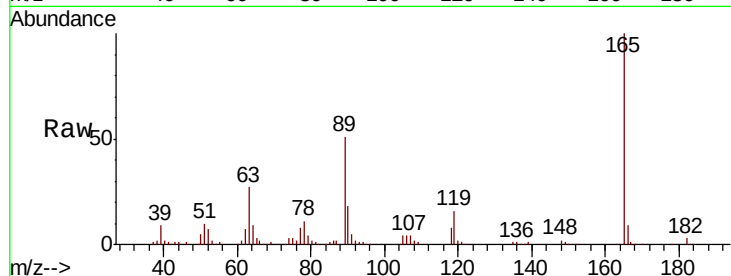




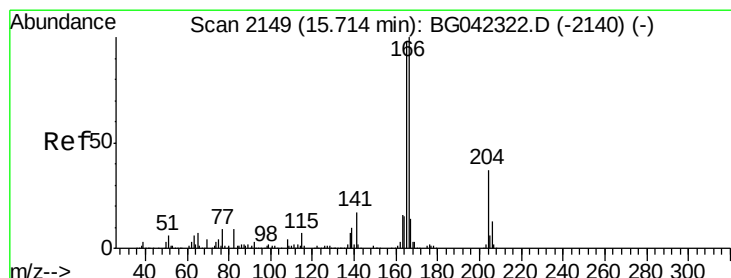
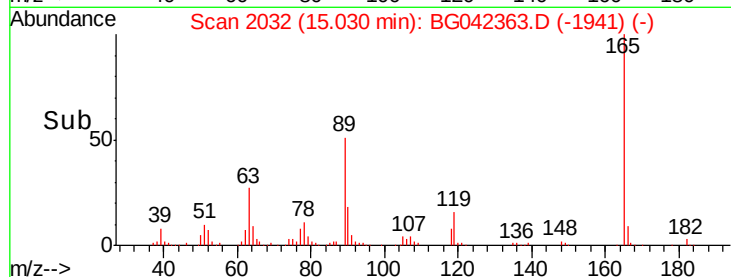
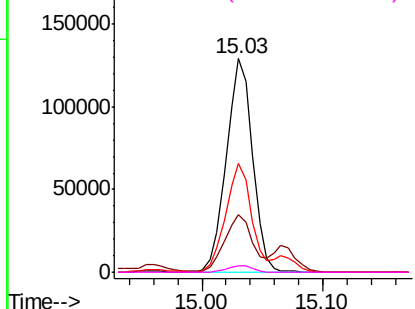
#57
 2,4-Dinitrotoluene
 Concen: 42.130 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165	Resp:	194526
Ion Ratio	Lower	Upper
165	100	
63	27.1	22.4 33.6
89	51.2	40.2 60.2
182	2.8	2.6 3.8

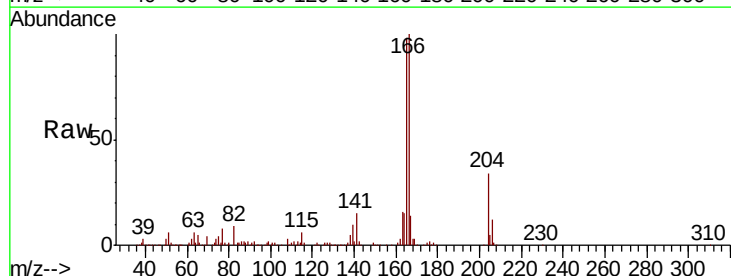


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

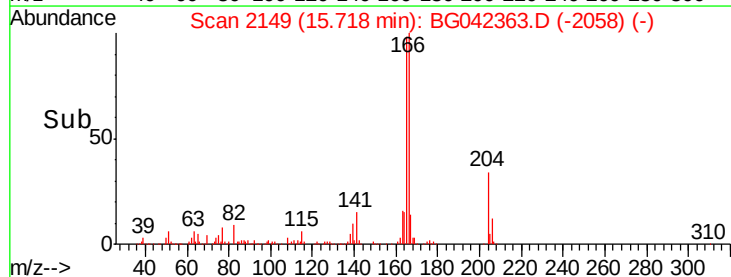
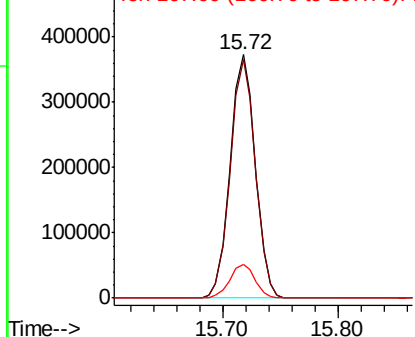


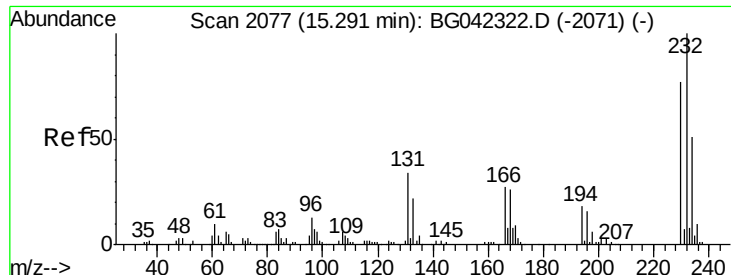
#58
 Fluorene
 Concen: 41.802 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion:166	Resp:	561033
Ion Ratio	Lower	Upper
166	100	
165	97.9	78.7 118.1
167	14.0	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

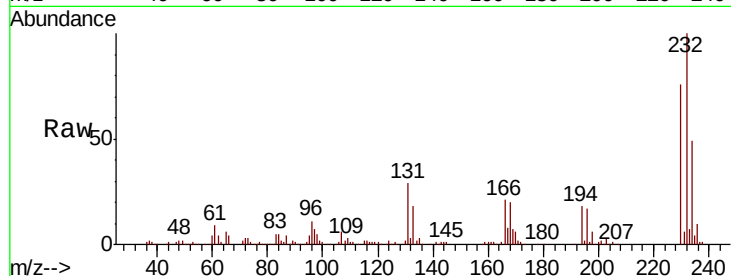




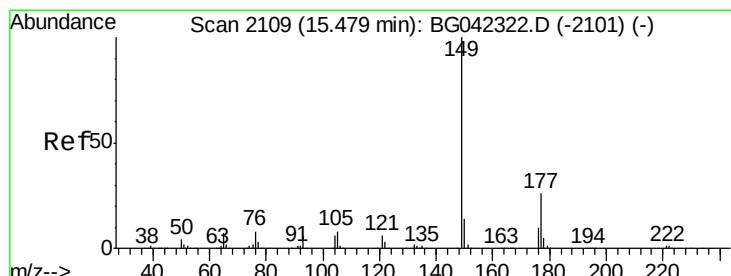
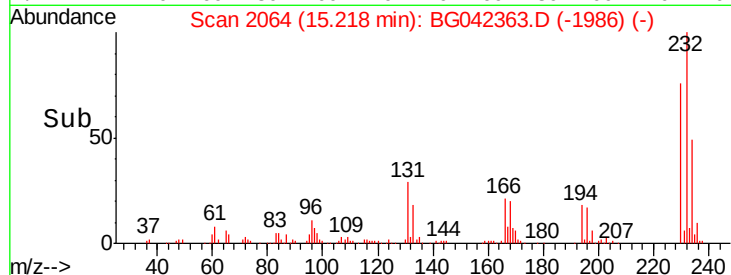
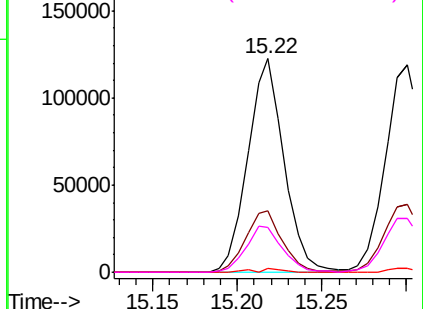
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.585 ng
 RT: 15.22 min Scan# 2064
 Delta R.T. -0.07 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	182494
Ion	Ratio	Lower	Upper
232	100		
131	29.2	27.0	40.6
130	1.5	1.4	2.0
166	21.8	21.3	31.9

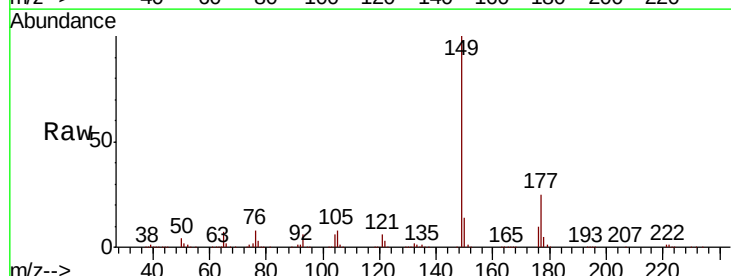


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

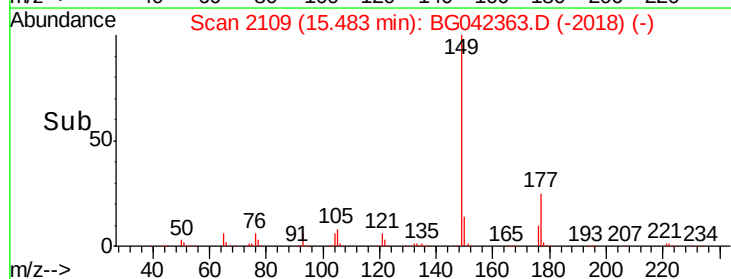
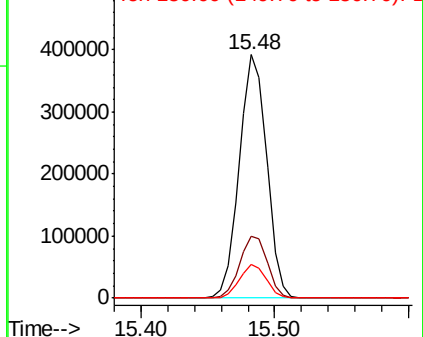


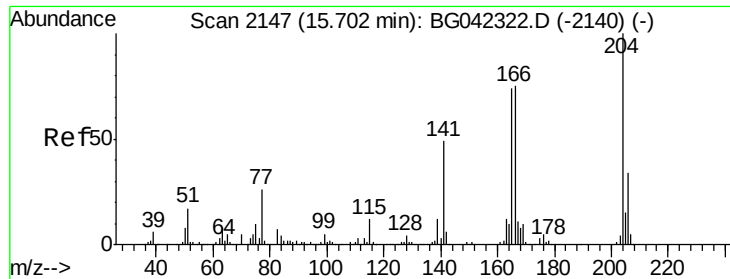
#60
 Diethylphthalate
 Concen: 40.728 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion:	149	Resp:	556005
Ion	Ratio	Lower	Upper
149	100		
177	25.1	20.7	31.1
150	13.6	11.0	16.4



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

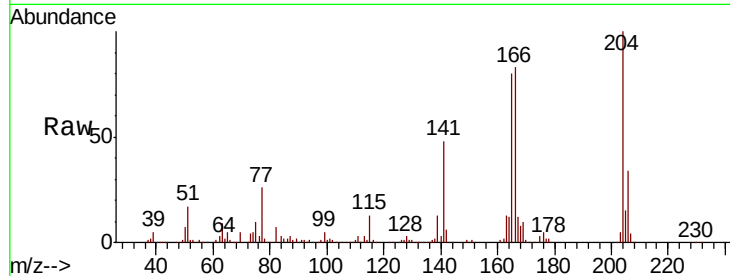




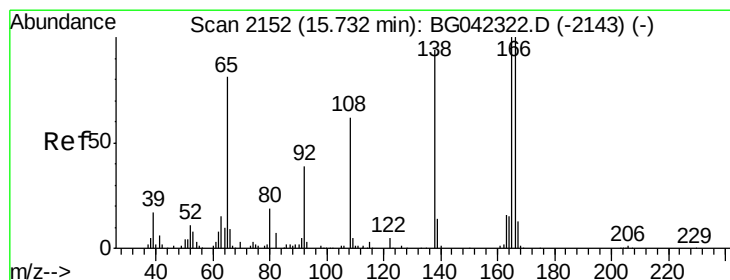
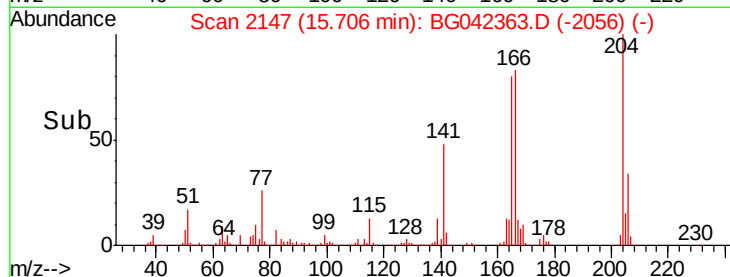
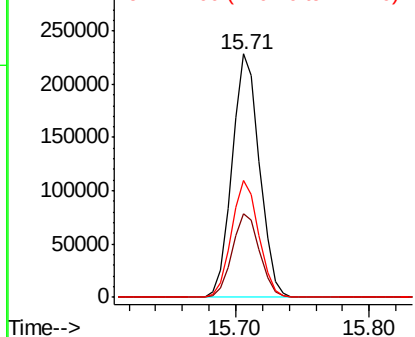
#61
 4-Chlorophenyl-phenylether
 Concen: 40.546 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 326782
 Ion Ratio Lower Upper
 204 100
 206 34.2 27.5 41.3
 141 48.2 38.8 58.2

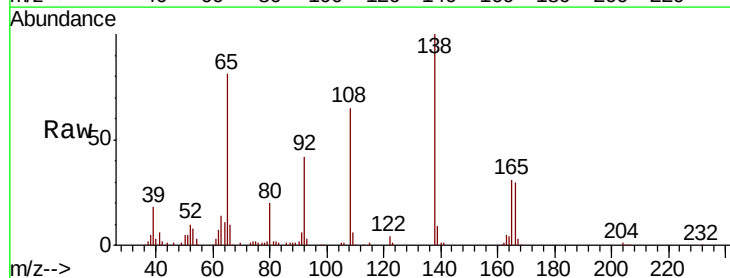


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

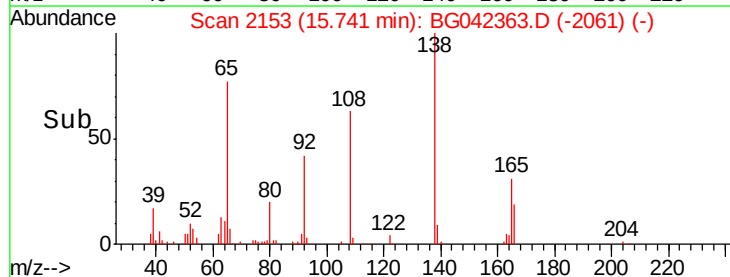
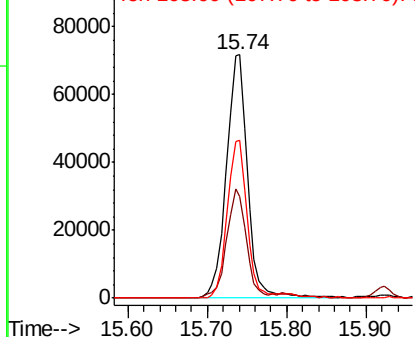


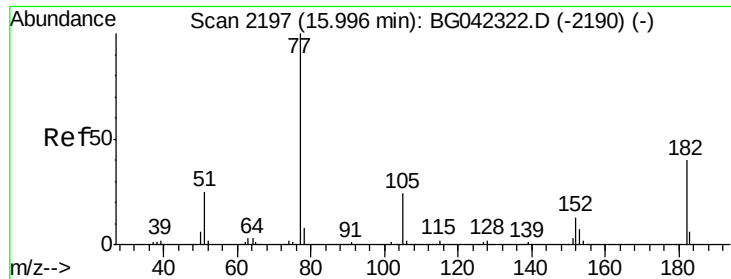
#62
 4-Nitroaniline
 Concen: 38.897 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.01 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion:138 Resp: 133472
 Ion Ratio Lower Upper
 138 100
 92 42.0 21.5 61.5
 108 64.9 45.7 85.7



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

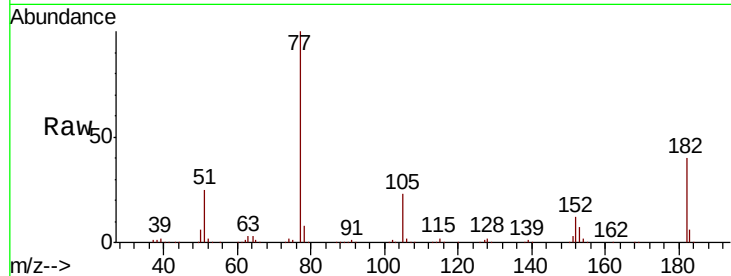




#63
Azobenzene
Concen: 42.100 ng
RT: 16.00 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	40.0	19.7	59.7	
105	22.9	3.5	43.5	
51	25.5	5.4	45.4	



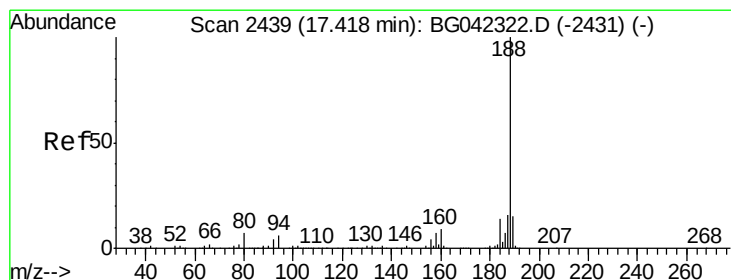
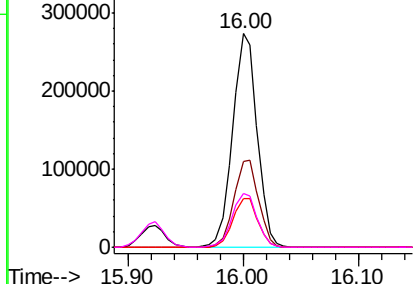
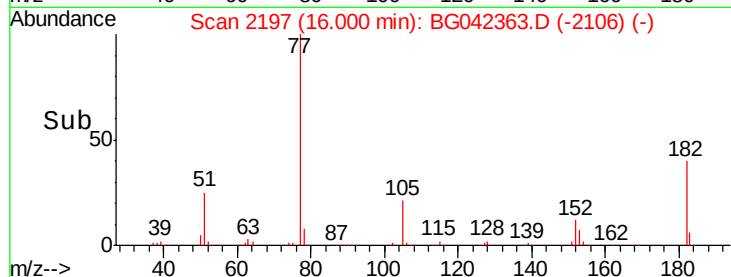
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

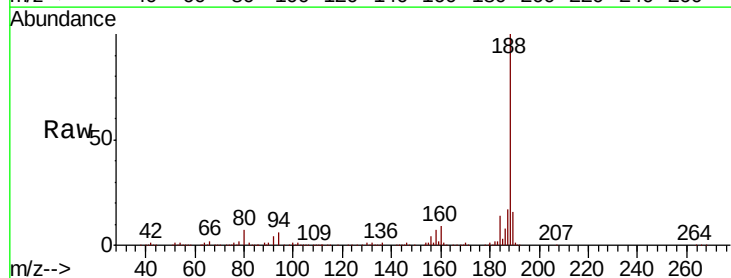
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.5	4.9	7.3	
80	6.9	5.4	8.0	

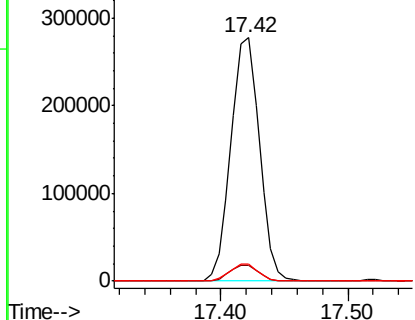
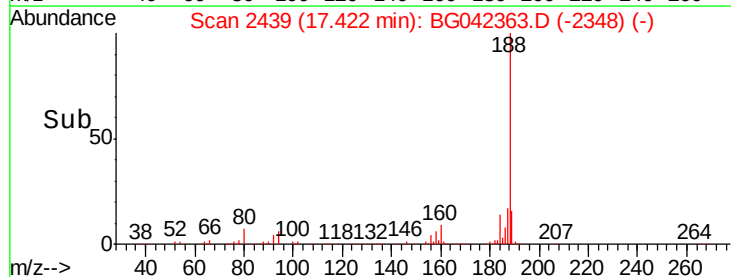


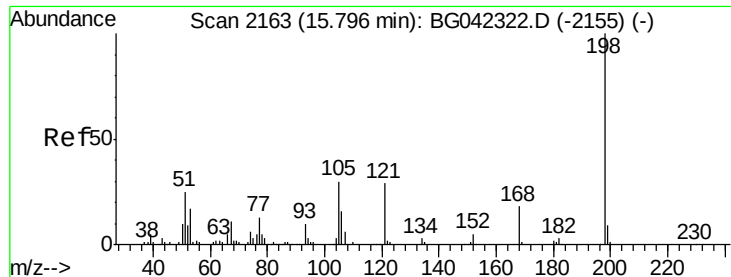
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 43.926 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

ClientSampled :

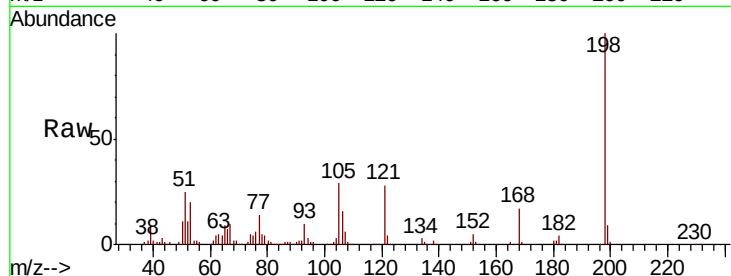
Tot Ion:198 Resp: 115928

Ion Ratio Lower Upper

198 100

51 24.8 6.4 46.4

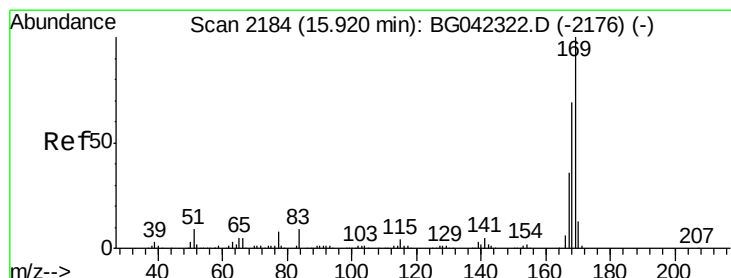
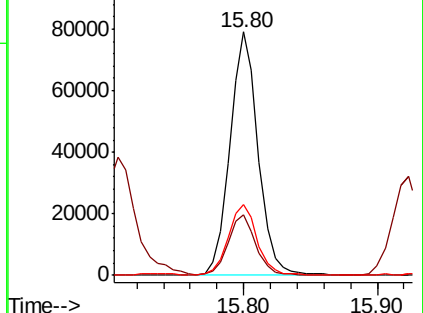
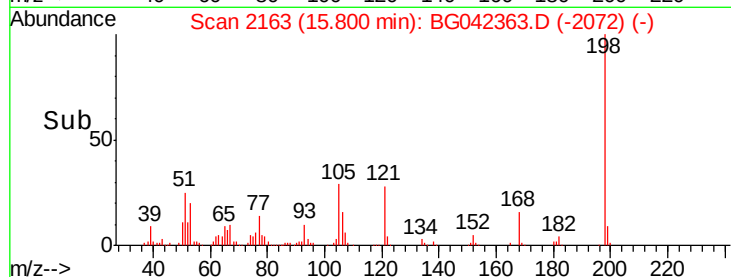
105 29.1 10.0 50.0



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: 43.431 ng

RT: 15.92 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

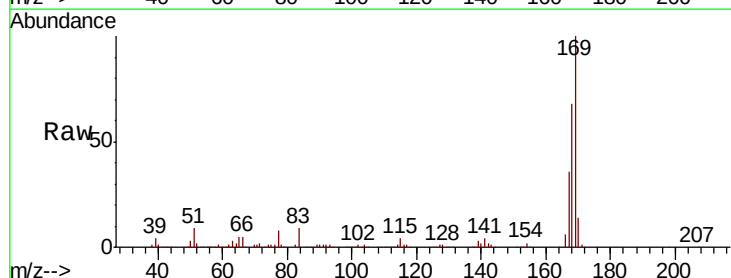
Tgt Ion:169 Resp: 525663

Ion Ratio Lower Upper

169 100

168 67.9 55.5 83.3

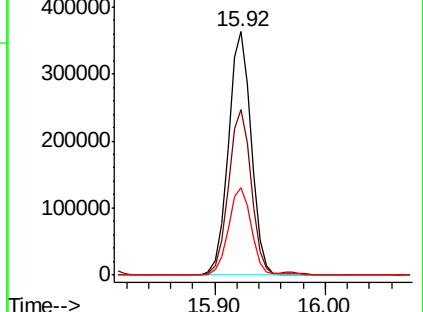
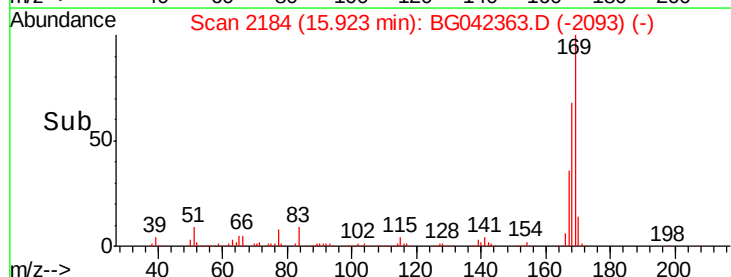
167 36.2 28.9 43.3

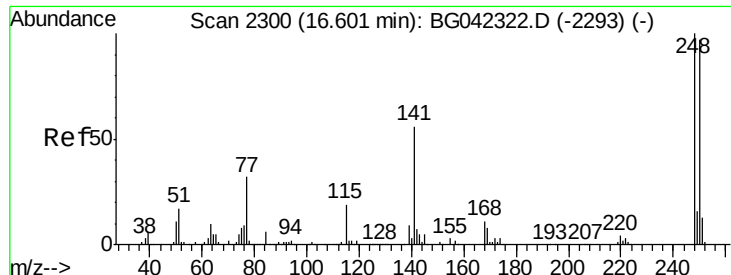


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

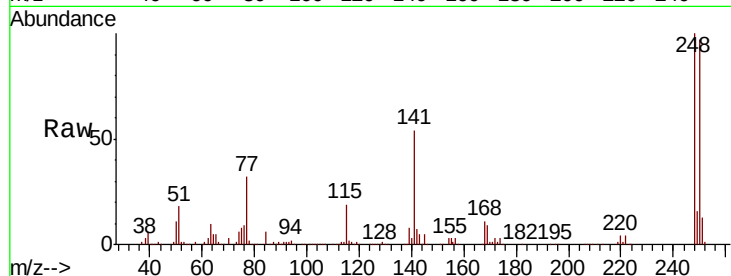




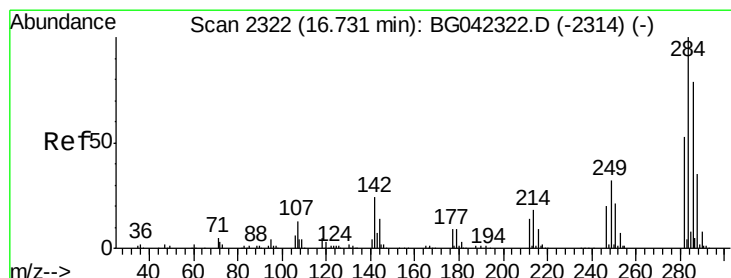
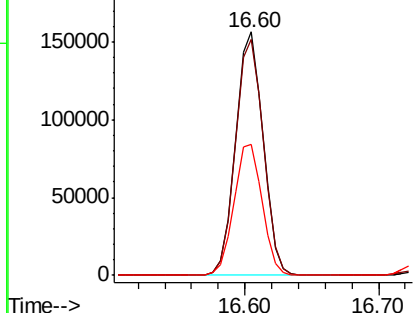
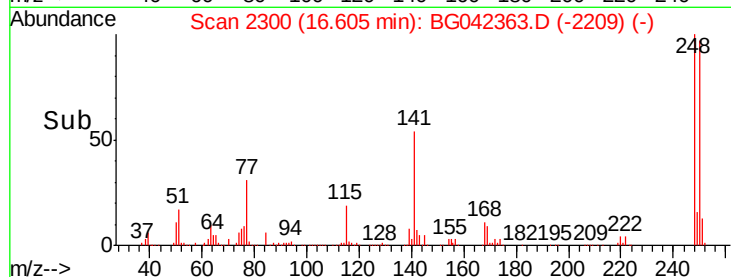
#67
 4-Bromophenyl-phenylether
 Concen: 40.601 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 223484
 Ion Ratio Lower Upper
 248 100
 250 97.1 78.0 117.0
 141 54.0 44.9 67.3

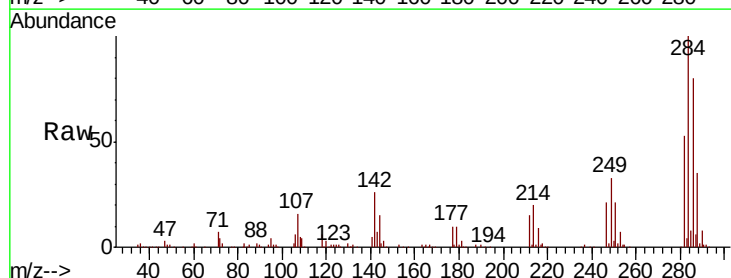


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

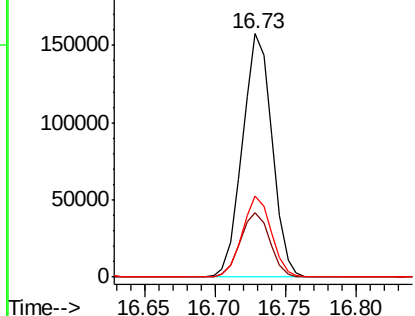
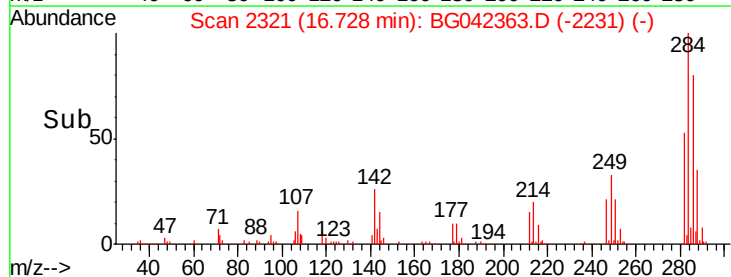


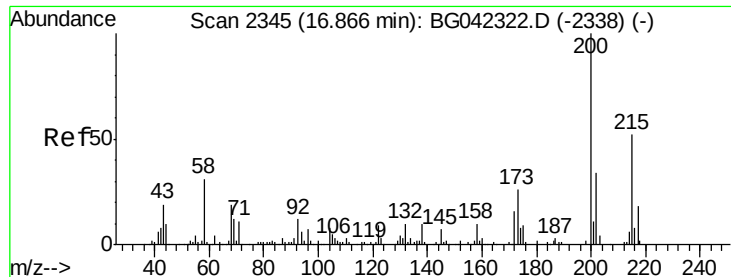
#68
 Hexachlorobenzene
 Concen: 39.299 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion:284 Resp: 231721
 Ion Ratio Lower Upper
 284 100
 142 26.4 19.0 28.4
 249 33.1 25.9 38.9



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

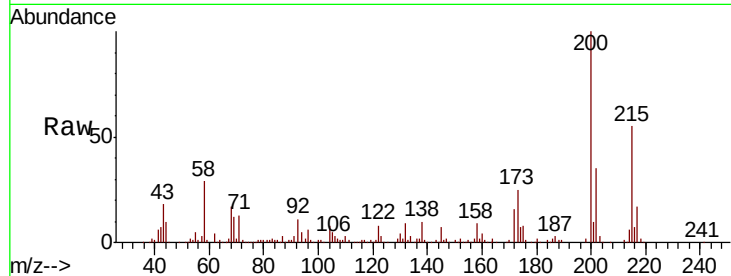




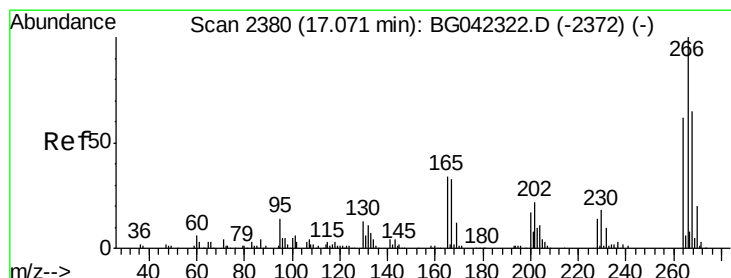
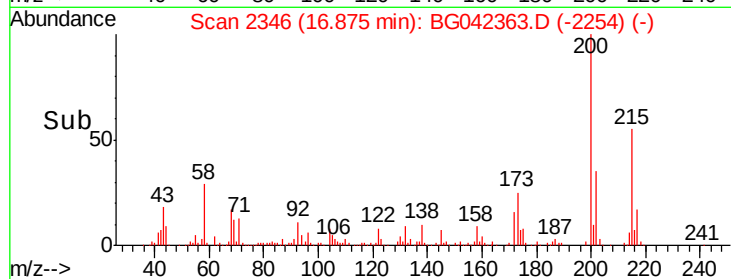
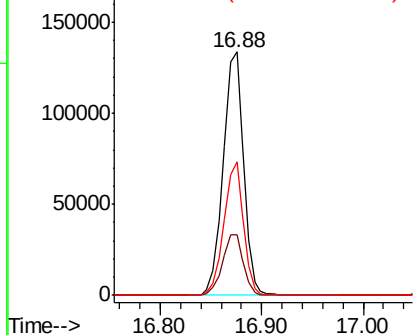
#69
 Atrazine
 Concen: 45.172 ng
 RT: 16.88 min Scan# 2346
 Delta R.T. 0.01 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 187404
 Ion Ratio Lower Upper
 200 100
 173 24.6 6.0 46.0
 215 54.9 32.4 72.4

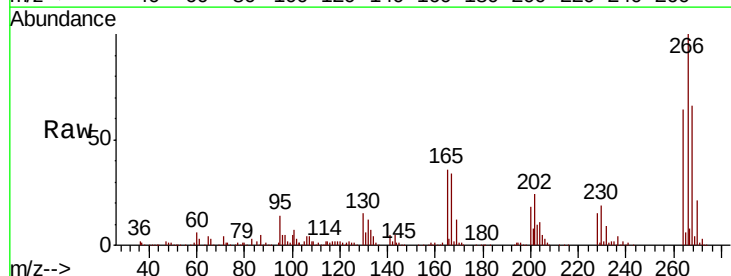


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

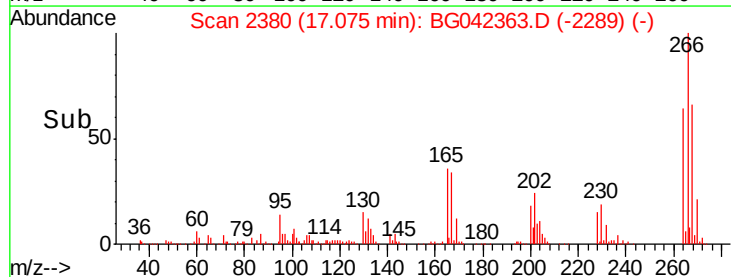
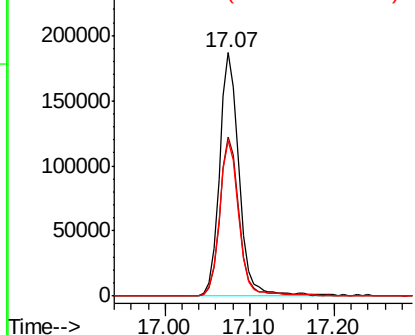


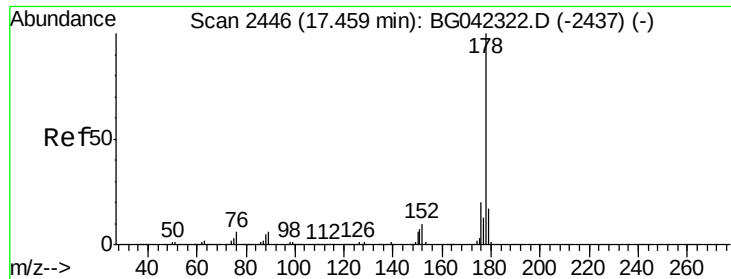
#70
 Pentachlorophenol
 Concen: 96.501 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion:266 Resp: 302885
 Ion Ratio Lower Upper
 266 100
 268 65.5 51.6 77.4
 264 63.8 49.5 74.3



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

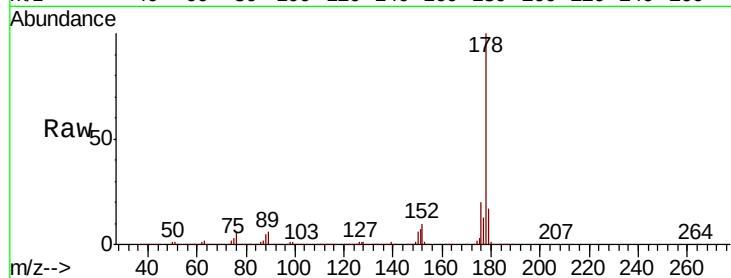




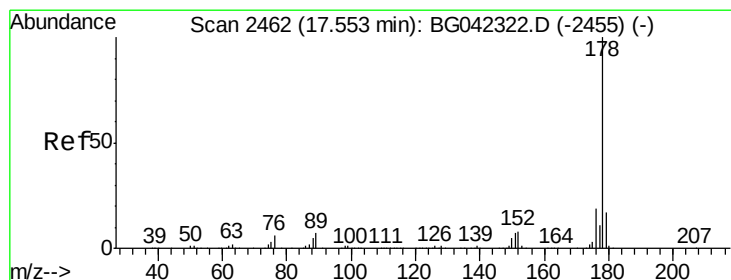
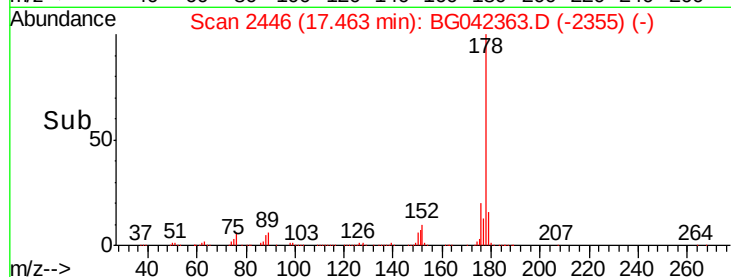
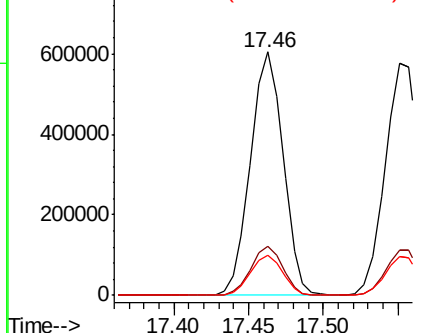
#71
Phenanthrene
Concen: 42.529 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 916170
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 16.6 13.7 20.5

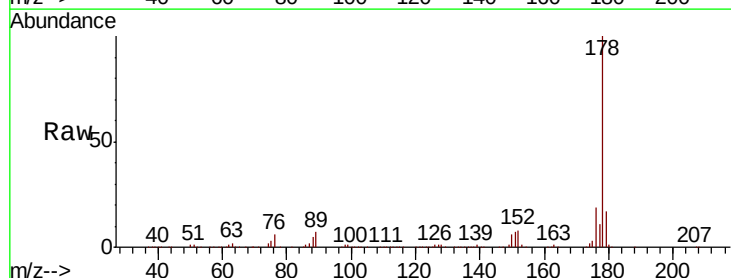


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

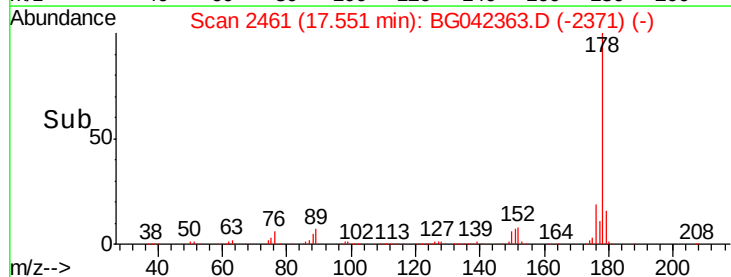
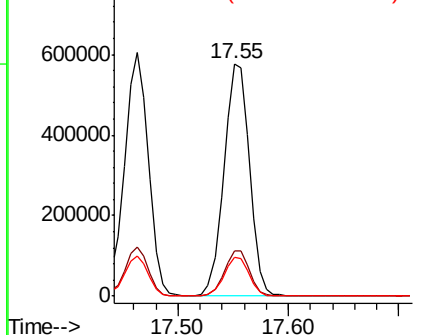


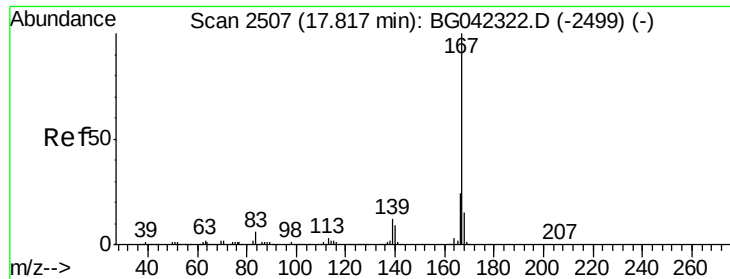
#72
Anthracene
Concen: 43.377 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion:178 Resp: 931953
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 16.5 13.6 20.4



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: 43.970 ng

RT: 17.82 min Scan# 2507

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

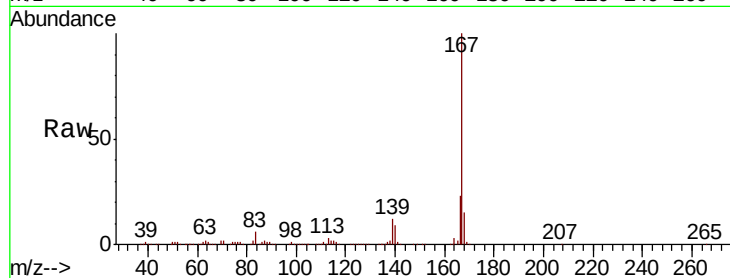
Tot Ion:167 Resp: 839178

Ion Ratio Lower Upper

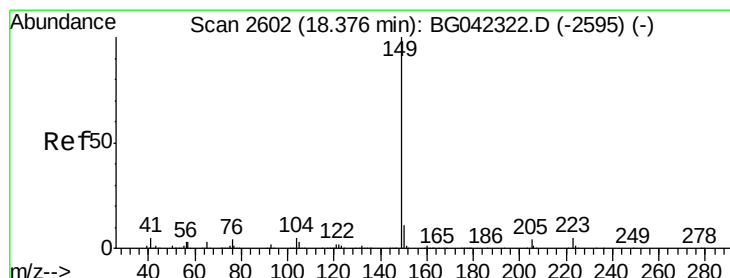
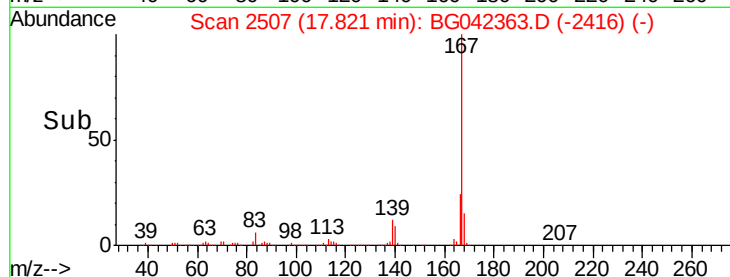
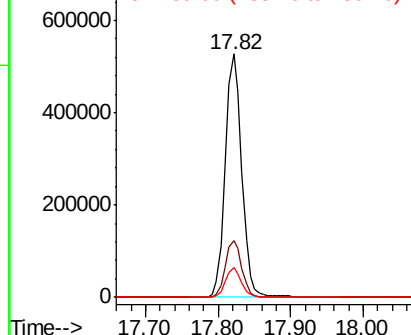
167 100

166 23.5 19.0 28.6

139 12.1 9.7 14.5



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



#74

Di-n-butylphthalate

Concen: 42.845 ng

RT: 18.38 min Scan# 2602

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

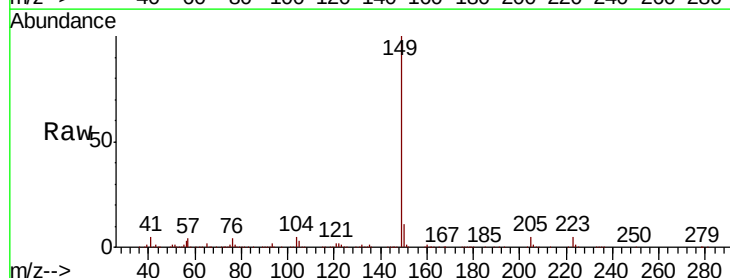
Tgt Ion:149 Resp: 953848

Ion Ratio Lower Upper

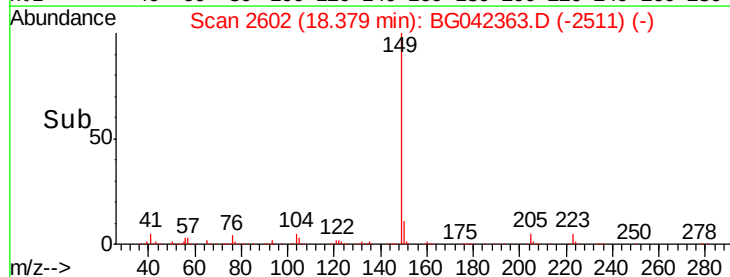
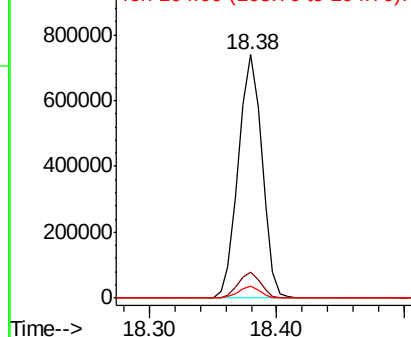
149 100

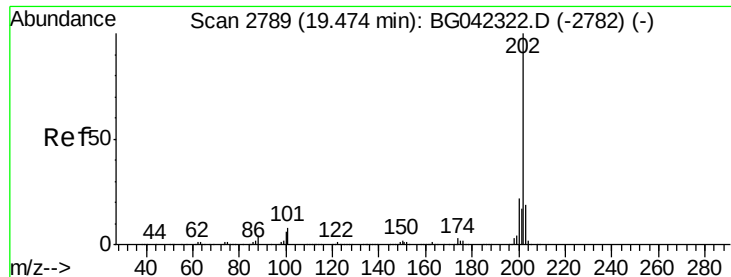
150 10.7 8.4 12.6

104 4.7 3.7 5.5



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





#75

Fluoranthene

Concen: 43.660 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

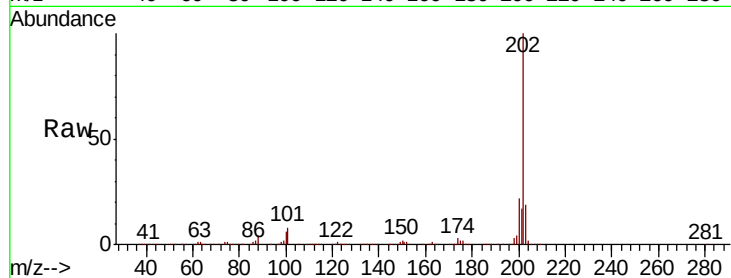
Tot Ion:202 Resp: 1134180

Ion Ratio Lower Upper

202 100

101 8.4 0.0 28.0

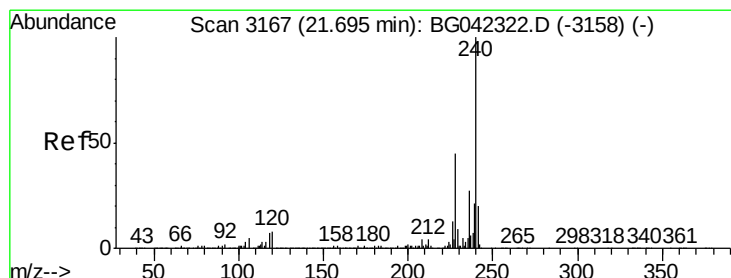
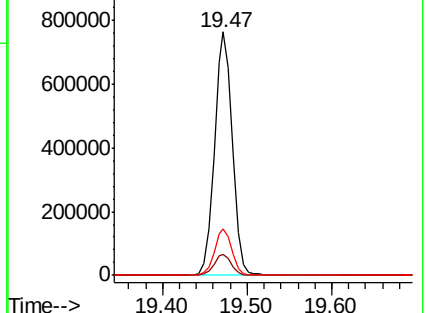
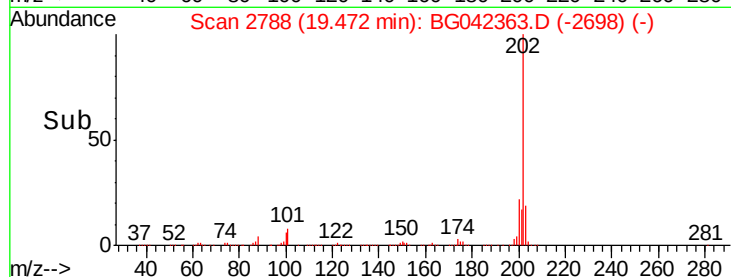
203 19.3 0.0 39.1



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: 21.70 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

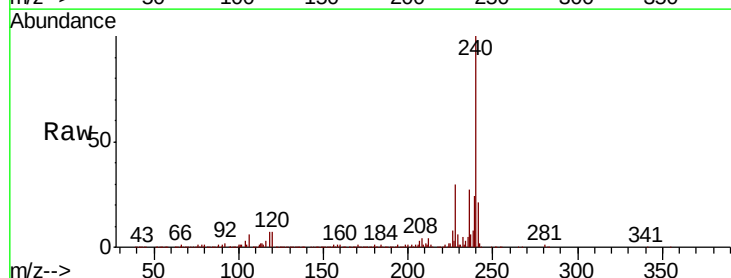
Tgt Ion:240 Resp: 426517

Ion Ratio Lower Upper

240 100

120 7.5 6.0 9.0

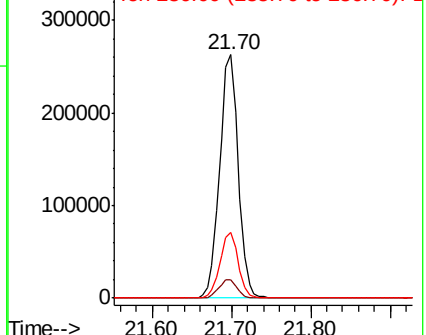
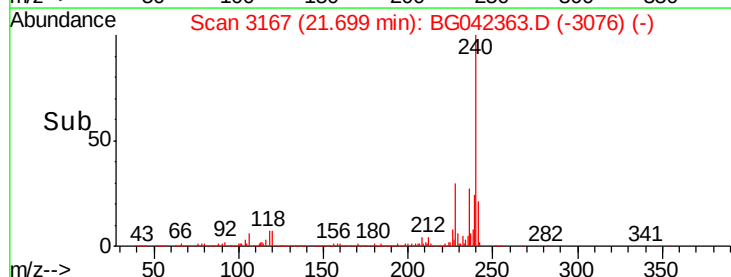
236 27.1 21.6 32.4

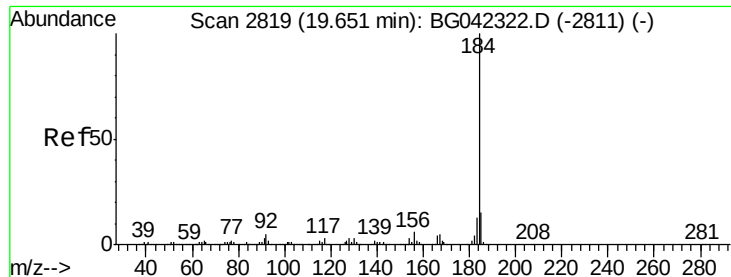


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.370 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

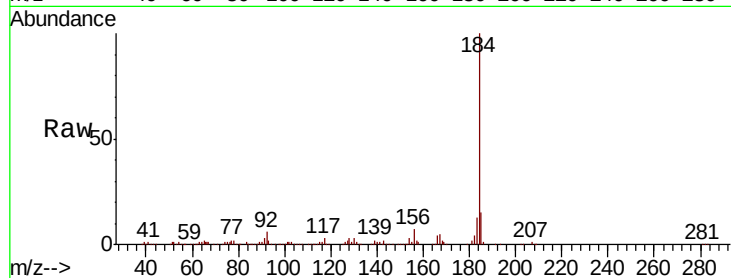
Tot Ion:184 Resp: 264279

Ion Ratio Lower Upper

184 100

185 15.1 11.8 17.6

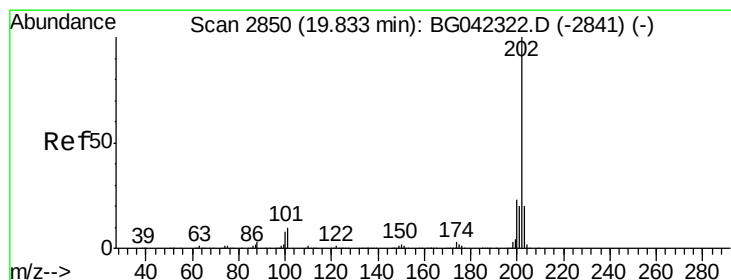
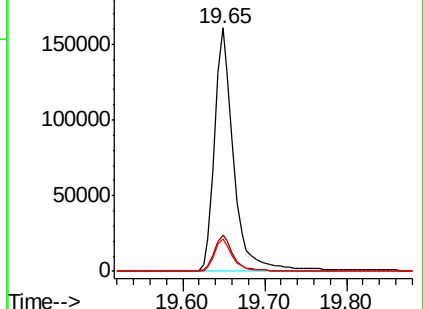
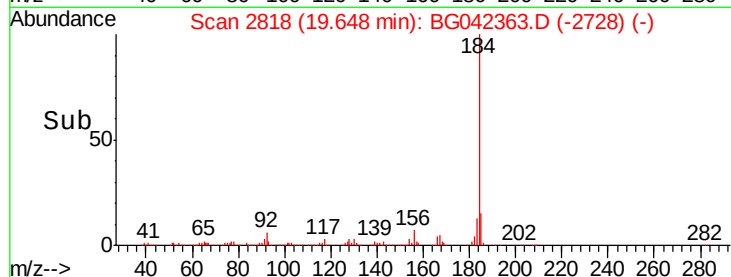
183 13.3 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.930 ng

RT: 19.84 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

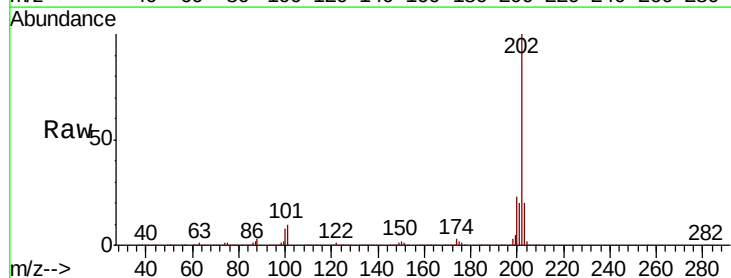
Tgt Ion:202 Resp: 1126664

Ion Ratio Lower Upper

202 100

200 23.1 18.1 27.1

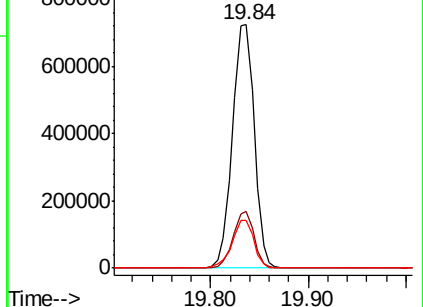
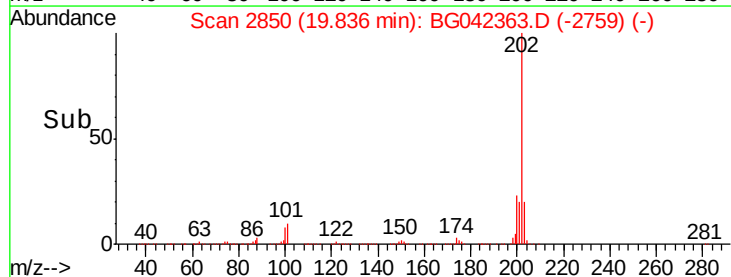
203 19.6 15.8 23.8

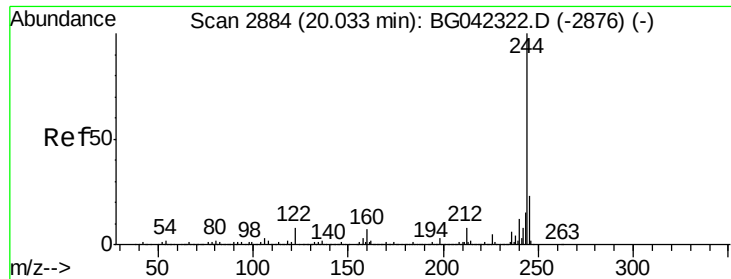


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.104 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

ClientSampled :

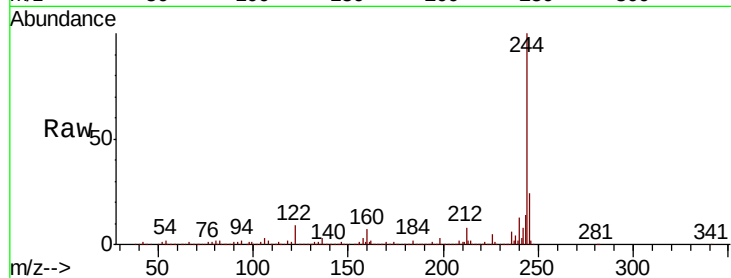
Tot Ion:244 Resp: 1520936

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

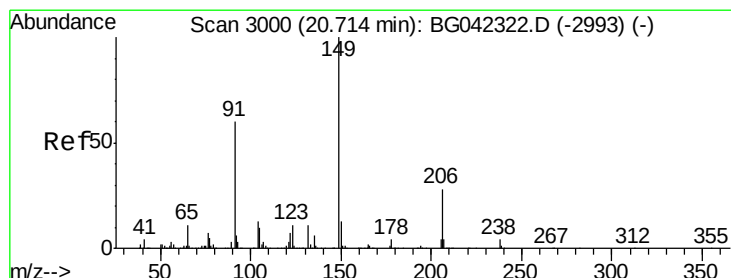
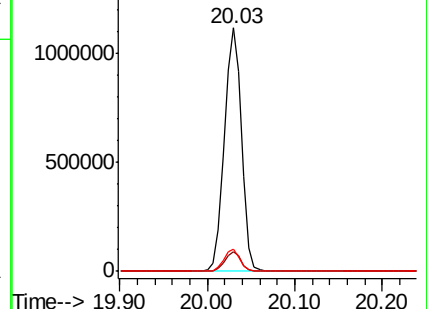
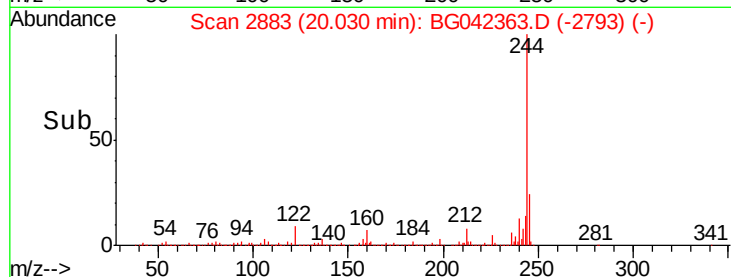
122 9.2 6.6 10.0



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: 42.015 ng

RT: 20.72 min Scan# 3000

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

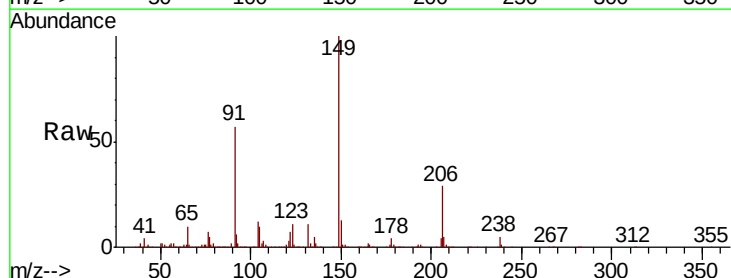
Tgt Ion:149 Resp: 437020

Ion Ratio Lower Upper

149 100

91 56.5 47.8 71.6

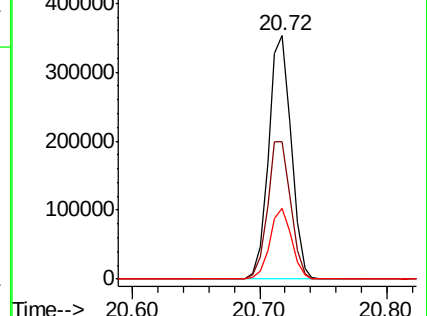
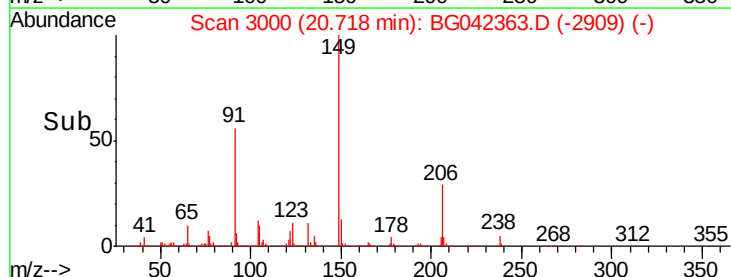
206 28.9 22.6 33.8

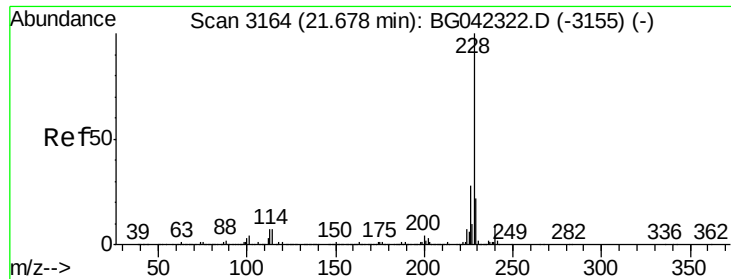


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

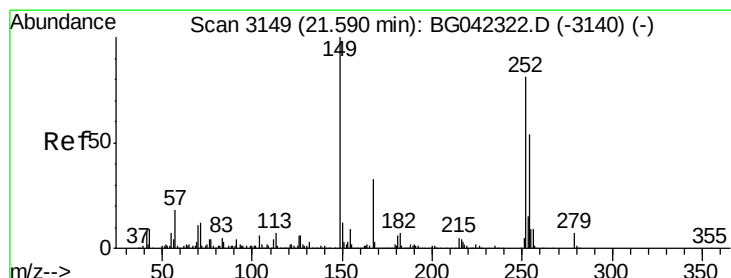
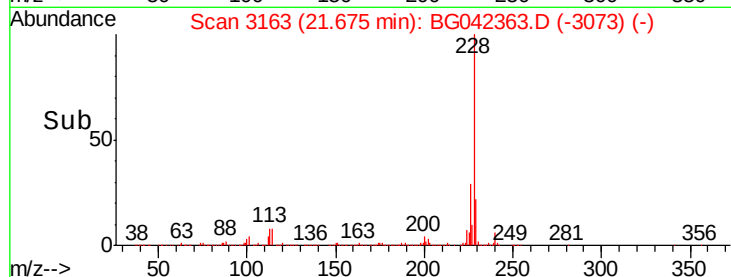
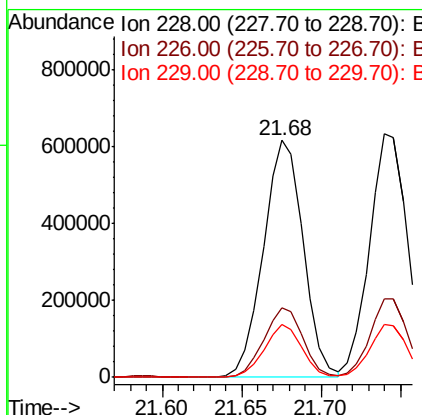
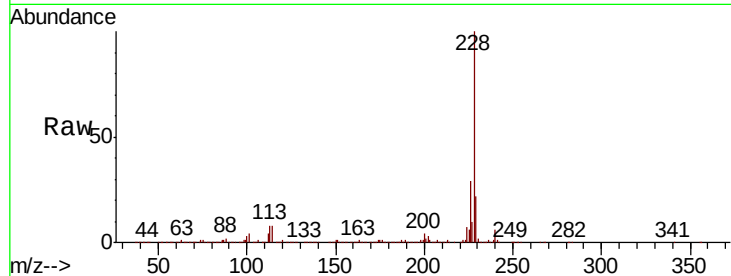




#81
Benzo(a)anthracene
Concen: 41.202 ng
RT: 21.68 min Scan# 3163
Delta R.T. -0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

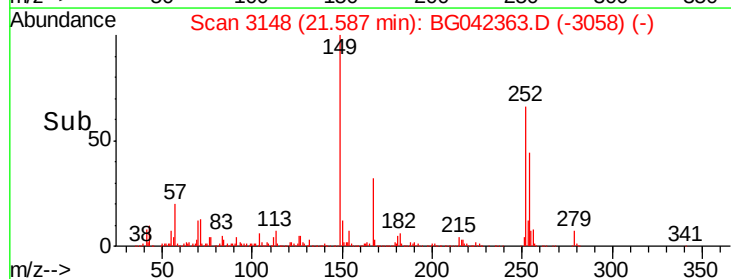
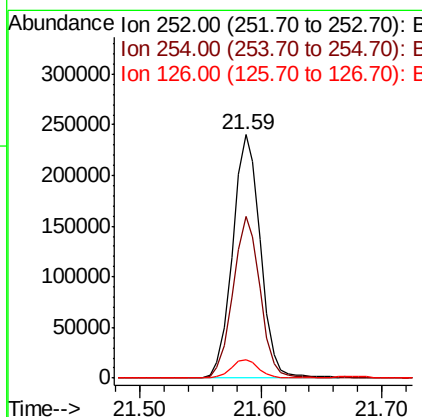
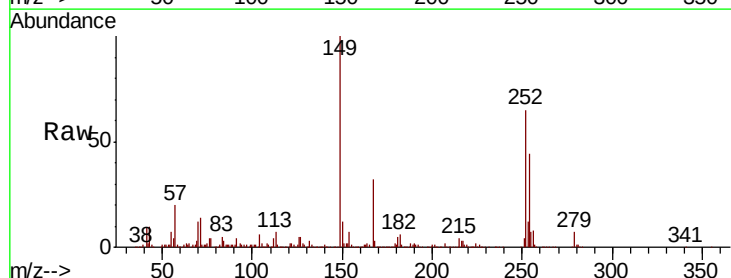
Instrument :
BNA_G
ClientSampleId :

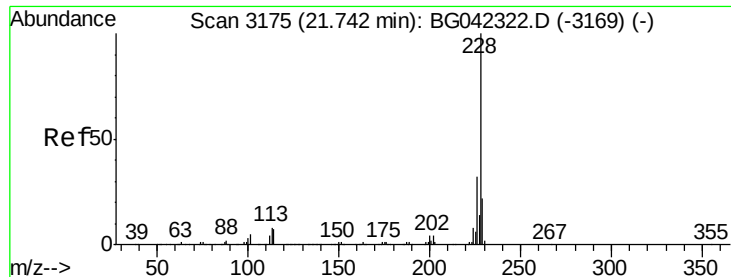
Tot Ion:228 Resp: 1079206
Ion Ratio Lower Upper
228 100
226 29.2 22.7 34.1
229 22.0 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 36.965 ng
RT: 21.59 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion:252 Resp: 385373
Ion Ratio Lower Upper
252 100
254 66.6 53.0 79.6
126 7.3 6.2 9.2



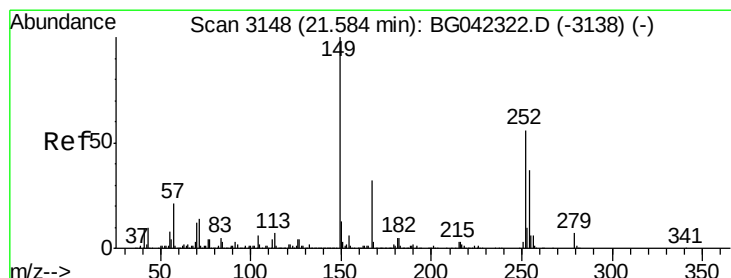
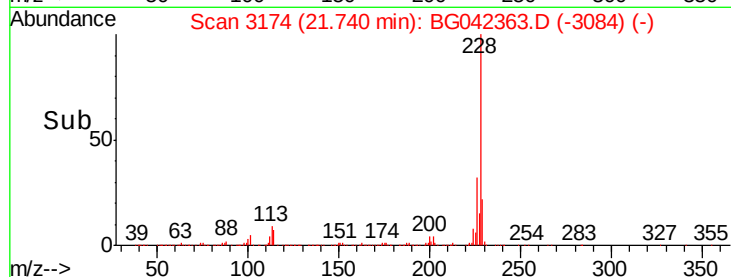
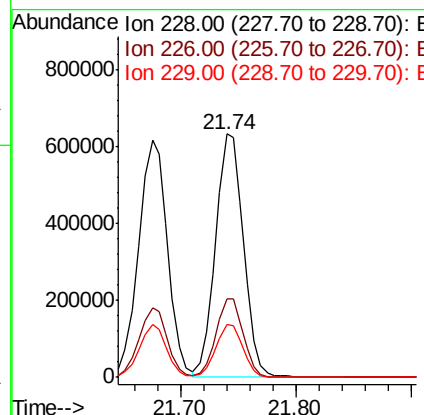
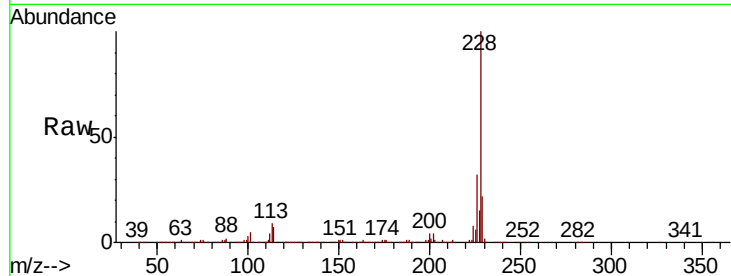


#83
 Chrysene
 Concen: 42.266 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:228 Resp: 1059031

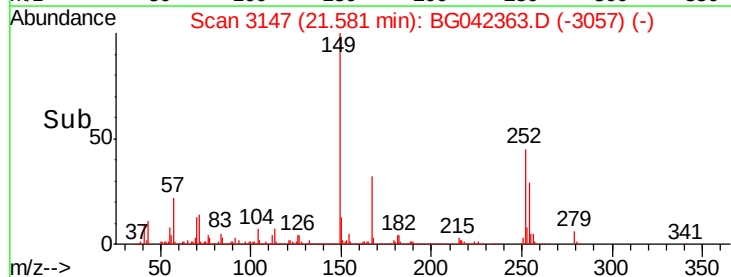
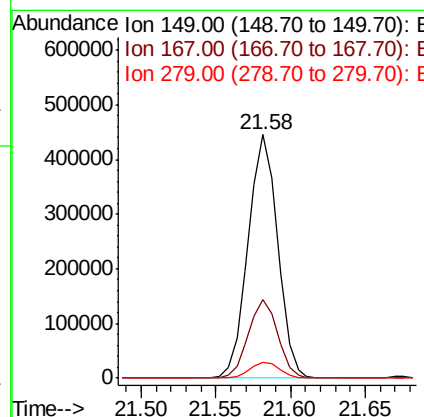
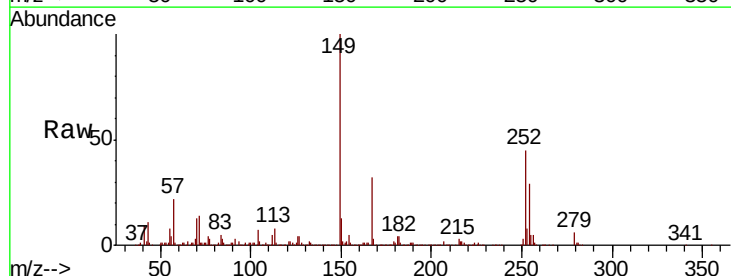
Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.6	38.4
229	21.9	17.8	26.6

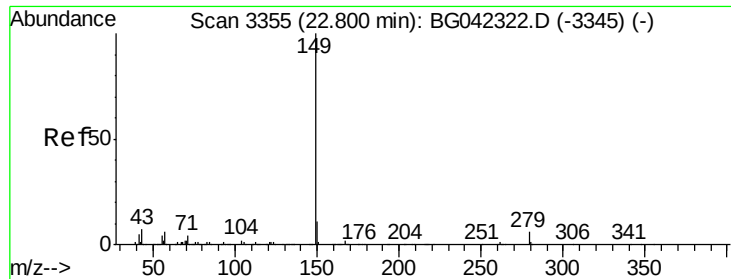


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.981 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion:149 Resp: 608838

Ion	Ratio	Lower	Upper
149	100		
167	32.4	25.4	38.0
279	6.5	5.8	8.6





#85

Di-n-octyl phthalate

Concen: 42.972 ng

RT: 22.80 min Scan# 3355

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

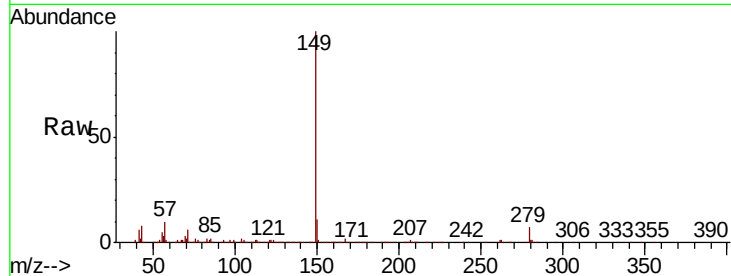
Tot Ion:149 Resp: 1063030

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

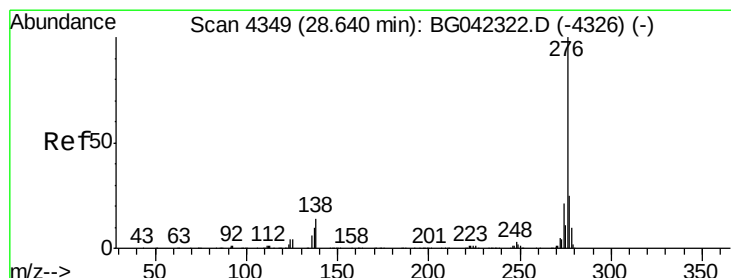
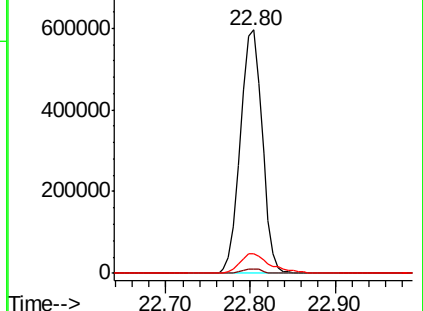
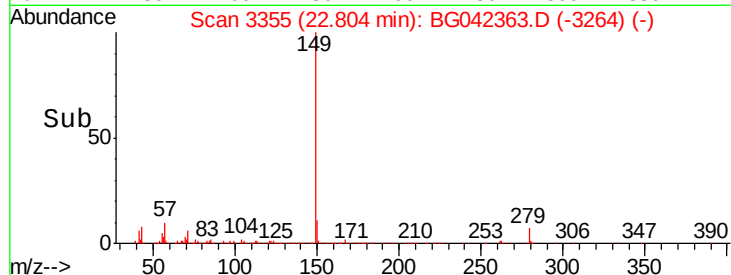
43 10.9 5.4 8.2#



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: 41.508 ng

RT: 28.65 min Scan# 4350

Delta R.T. 0.01 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

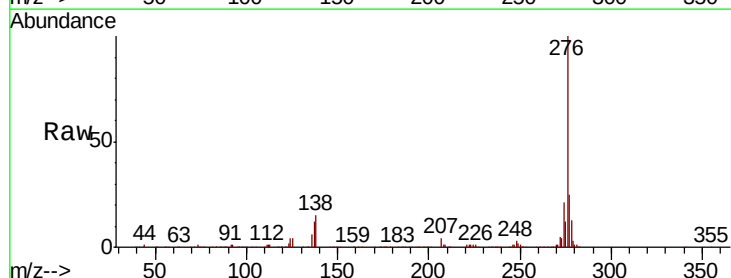
Tgt Ion:276 Resp: 1388648

Ion Ratio Lower Upper

276 100

138 18.7 14.5 21.7

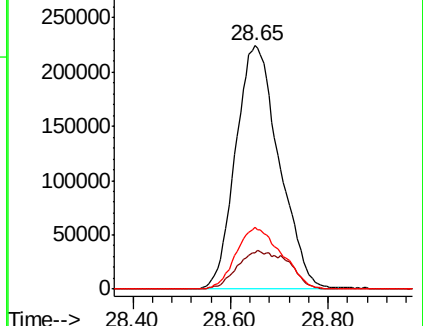
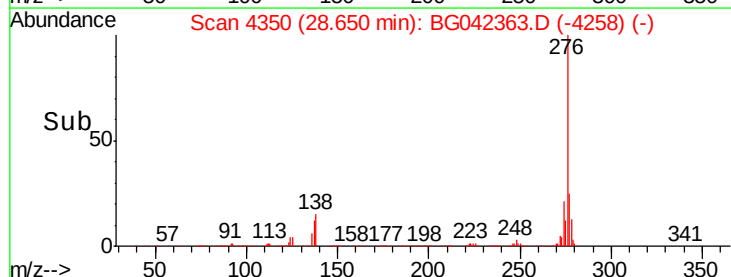
277 26.6 21.0 31.4

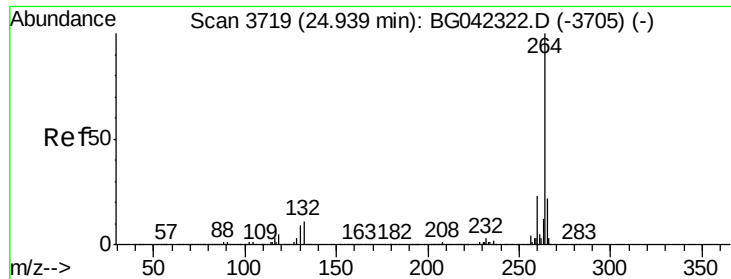


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

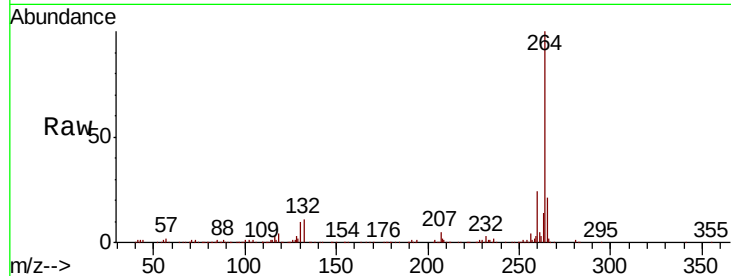
Tot Ion:264 Resp: 433850

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.4 17.4 26.0

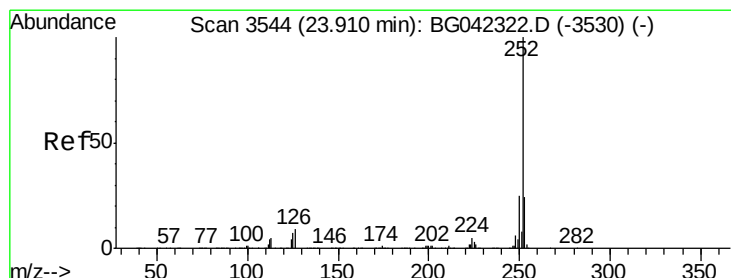
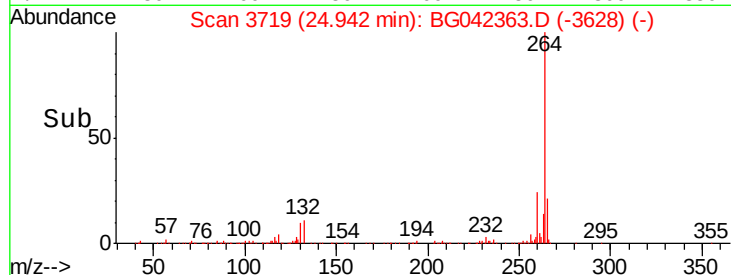
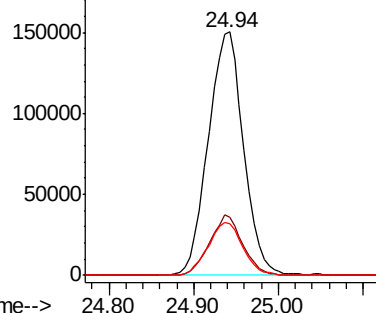


Abundance

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: 50.042 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

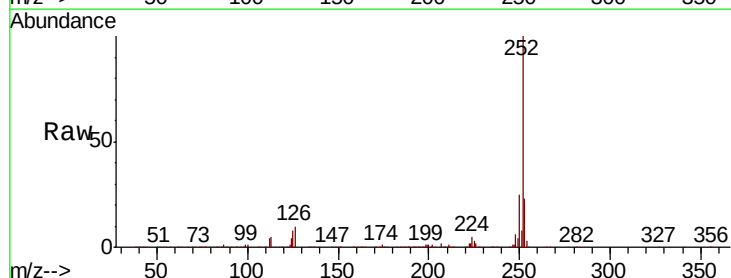
Tgt Ion:252 Resp: 1193342

Ion Ratio Lower Upper

252 100

253 23.3 18.9 28.3

125 7.6 5.8 8.6

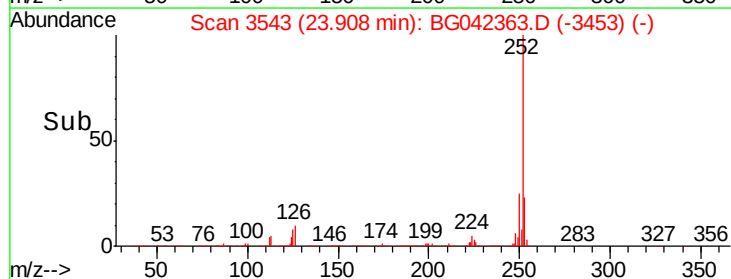
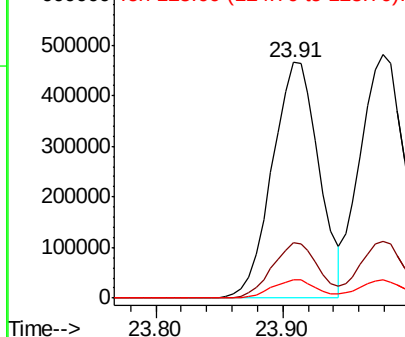


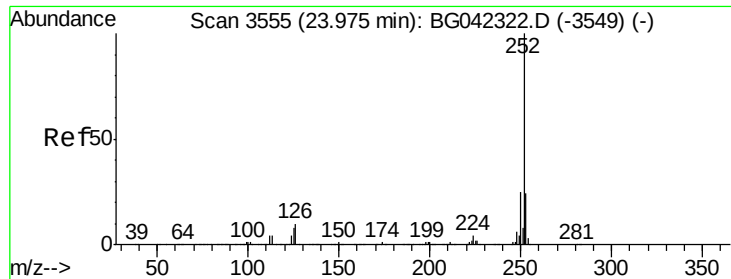
Abundance

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

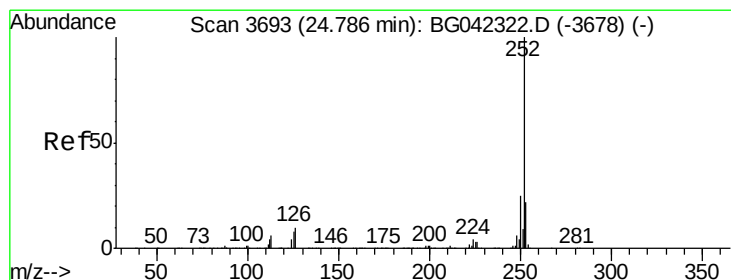
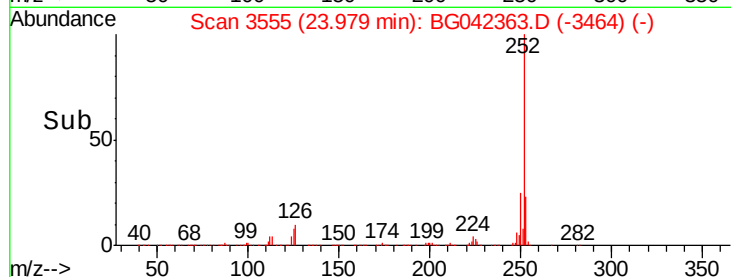
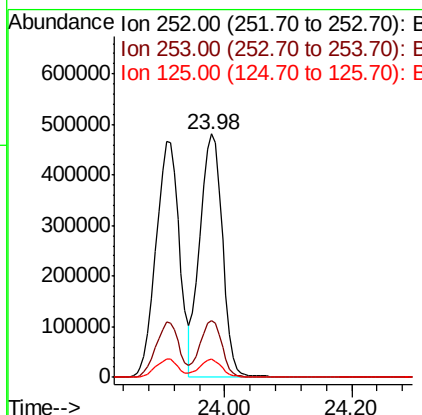
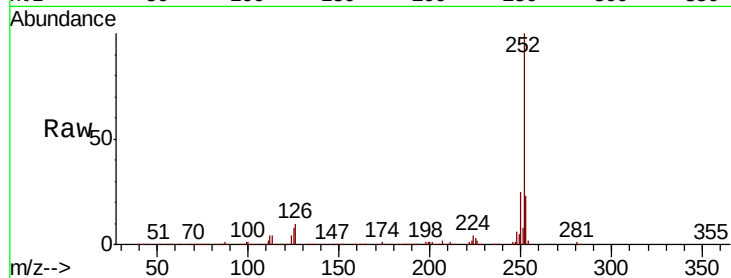




#89
Benzo(k)fluoranthene
Concen: 50.712 ng
RT: 23.98 min Scan# 3555
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

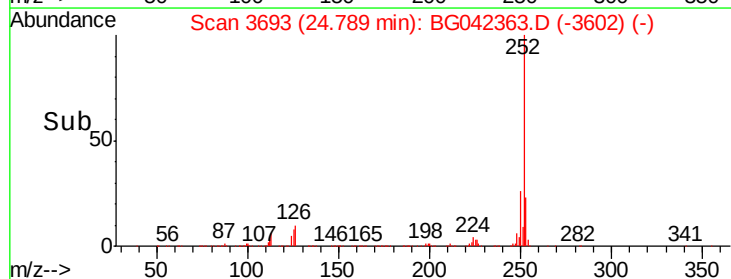
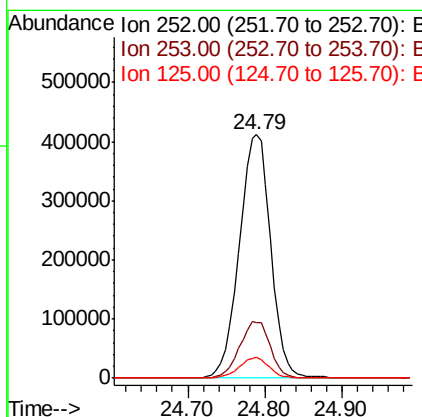
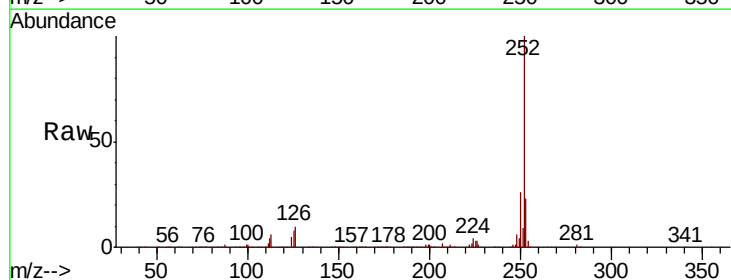
Instrument :
BNA_G
ClientSampleId :

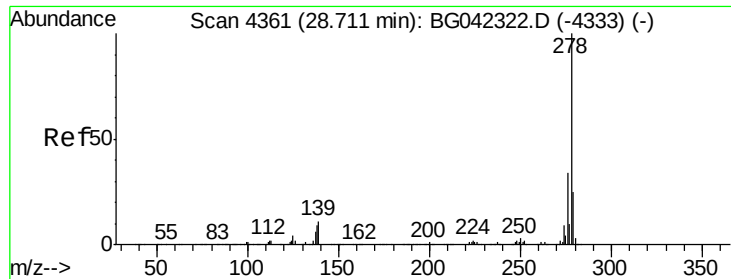
Tot Ion:252 Resp: 1182100
Ion Ratio Lower Upper
252 100
253 23.5 19.0 28.4
125 7.7 6.0 9.0



#90
Benzo(a)pyrene
Concen: 51.444 ng
RT: 24.79 min Scan# 3693
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion:252 Resp: 1175510
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 8.4 6.7 10.1



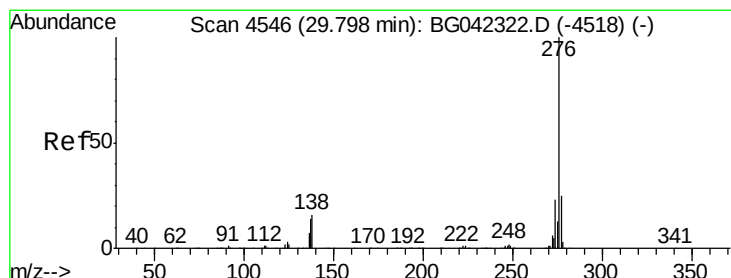
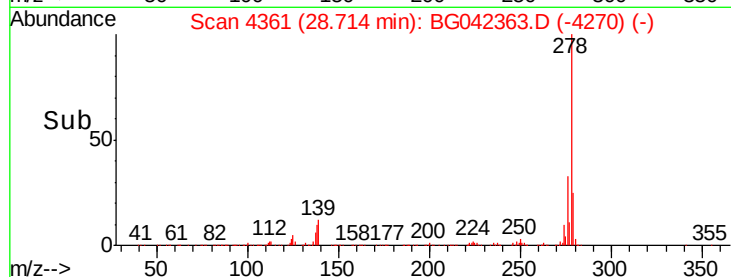
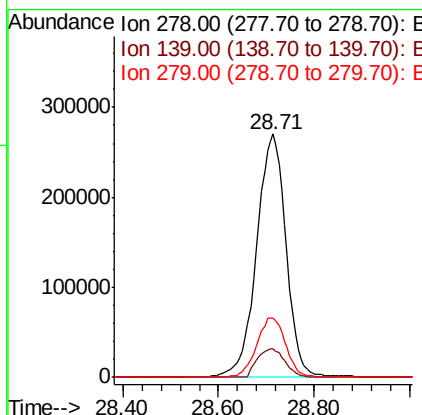
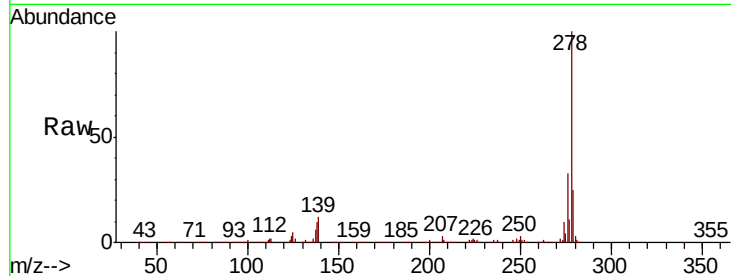


#91
Dibenzo(a,h)anthracene
Concen: 50.485 ng
RT: 28.71 min Scan# 4361
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1150849

Ion	Ratio	Lower	Upper
278	100		
139	12.0	8.5	12.7
279	24.6	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 51.245 ng
RT: 29.81 min Scan# 4547
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion:276 Resp: 1164084

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.8
138	16.2	12.8	19.2

