

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
 Data File : BG041612.D
 Acq On : 5 Jul 2019 15:24
 Operator : HP/JU
 Sample : K3668-09MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 05 18:04:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 17:58:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	29489	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	109246	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	78705	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	208877	20.00	ng	0.00
76) Chrysene-d12	21.68	240	232993	20.00	ng	0.00
87) Perylene-d12	24.96	264	252181	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	102183	61.78	ng	0.00
7) Phenol-d6	7.18	99	149931	64.39	ng	0.00
23) Nitrobenzene-d5	9.20	82	103356	39.46	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	92345	68.72	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	241960	39.45	ng	0.00
79) Terphenyl-d14	20.01	244	503617	45.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	11327	15.128	ng	88
3) Pyridine	3.81	79	27327	14.385	ng	98
4) n-Nitrosodimethylamine	3.74	42	18682	17.673	ng	# 74
6) Aniline	7.34	93	37821	12.601	ng	97
8) 2-Chlorophenol	7.58	128	36817	19.848	ng	97
9) Benzaldehyde	7.16	77	23133	16.451	ng	87
10) Phenol	7.21	94	48281	20.574	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	32706	17.574	ng	97
12) 1,3-Dichlorobenzene	7.90	146	40518	16.885	ng	95
13) 1,4-Dichlorobenzene	8.05	146	41426	17.125	ng	94
14) 1,2-Dichlorobenzene	8.37	146	40179	17.347	ng	94
15) Benzyl Alcohol	8.26	79	32888	17.736	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	38870	14.873	ng	97
17) 2-Methylphenol	8.46	107	33608	19.674	ng	94
18) Hexachloroethane	9.09	117	16366	17.146	ng	96
19) n-Nitroso-di-n-propylamine	8.82	70	29022	16.710	ng	97
20) 3+4-Methylphenols	8.80	107	43170	18.961	ng	99
22) Acetophenone	8.85	105	60299	18.401	ng	# 100
24) Nitrobenzene	9.24	77	47527	18.077	ng	93
25) Isophorone	9.75	82	82561	17.556	ng	98
26) 2-Nitrophenol	9.95	139	20780	18.925	ng	99
27) 2,4-Dimethylphenol	10.00	122	34312	22.453	ng	97
28) bis(2-Chloroethoxy)methane	10.24	93	43747	17.592	ng	98
29) 2,4-Dichlorophenol	10.49	162	41873	20.286	ng	97
30) 1,2,4-Trichlorobenzene	10.70	180	48752	18.427	ng	98
31) Naphthalene	10.89	128	113894	18.852	ng	98
32) Benzoic acid	10.00	122	34312	41.530	ng	# 17
33) 4-Chloroaniline	11.01	127	33879	13.321	ng	94
34) Hexachlorobutadiene	11.14	225	37301	17.762	ng	99
35) Caprolactam	11.81	113	12654	19.633	ng	# 76
36) 4-Chloro-3-methylphenol	12.13	107	44679	19.977	ng	95
37) 2-Methylnaphthalene	12.49	142	84628	18.960	ng	98
38) 1-Methylnaphthalene	12.71	142	78853	18.518	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	65112	18.788	ng	99

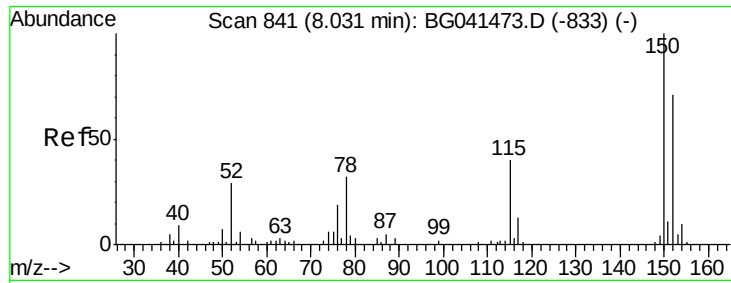
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
 Data File : BG041612.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 17:58:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	55078	31.603	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	40328	19.613	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	42642	20.816	ng	95
46) 1,1'-Biphenyl	13.49	154	114725	18.466	ng	96
47) 2-Chloronaphthalene	13.55	162	96064	18.010	ng	100
48) 2-Nitroaniline	13.76	65	28914	15.991	ng	90
49) Acenaphthylene	14.39	152	149979	18.812	ng	100
50) Dimethylphthalate	14.11	163	154986	21.639	ng	100
51) 2,6-Dinitrotoluene	14.25	165	28369	18.664	ng	97
52) Acenaphthene	14.73	154	85223	18.026	ng	95
53) 3-Nitroaniline	14.59	138	20429	14.079	ng	# 90
54) 2,4-Dinitrophenol	14.83	184	3142	10.763	ng	# 89
55) Dibenzofuran	15.06	168	155536	18.897	ng	99
56) 4-Nitrophenol	14.90	139	35858	38.292	ng	90
57) 2,4-Dinitrotoluene	15.04	165	38702	17.552	ng	94
58) Fluorene	15.71	166	119639	18.271	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	42786	19.813	ng	98
60) Diethylphthalate	15.46	149	129537	17.669	ng	100
61) 4-Chlorophenyl-phenylether	15.69	204	76473	18.107	ng	97
62) 4-Nitroaniline	15.75	138	24415	17.265	ng	92
63) Azobenzene	15.99	77	110240	17.835	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	17878	13.820	ng	91
66) n-Nitrosodiphenylamine	15.91	169	110577	19.235	ng	97
67) 4-Bromophenyl-phenylether	16.59	248	52164	18.275	ng	97
68) Hexachlorobenzene	16.71	284	53938	17.538	ng	98
69) Atrazine	16.85	200	48752	20.035	ng	96
70) Pentachlorophenol	17.07	266	42919	30.799	ng	94
71) Phenanthrene	17.45	178	216532	18.815	ng	99
72) Anthracene	17.55	178	214455	18.624	ng	98
73) Carbazole	17.82	167	191057	19.518	ng	99
74) Di-n-butylphthalate	18.35	149	219716	17.859	ng	98
75) Fluoranthene	19.46	202	304599	19.852	ng	96
77) Benzidine	19.65	184	89958	17.401	ng	97
78) Pyrene	19.83	202	301769	18.972	ng	98
80) Butylbenzylphthalate	20.69	149	104755	17.635	ng	94
81) Benzo(a)anthracene	21.66	228	300704	18.564	ng	97
82) 3,3'-Dichlorobenzidine	21.58	252	68349	12.185	ng	97
83) Chrysene	21.73	228	296003	18.879	ng	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	154044	18.292	ng	97
85) Di-n-octyl phthalate	22.74	149	251742	17.665	ng	99
86) Indeno(1,2,3-cd)pyrene	28.72	276	346015	18.225	ng	# 94
88) Benzo(b)fluoranthene	23.91	252	297828	18.516	ng	98
89) Benzo(k)fluoranthene	23.98	252	293863	18.609	ng	99
90) Benzo(a)pyrene	24.80	252	286382	18.746	ng	# 99
91) Dibenzo(a,h)anthracene	28.77	278	290289	18.968	ng	99
92) Benzo(g,h,i)perylene	29.90	276	293132	19.264	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

Instrument :

BNA_G

ClientSampleId :

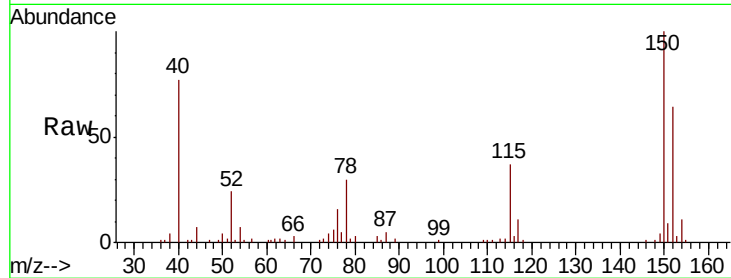
Tot Ion:152 Resp: 29489

Ion Ratio Lower Upper

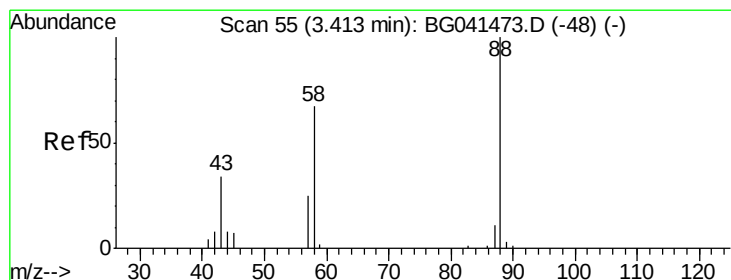
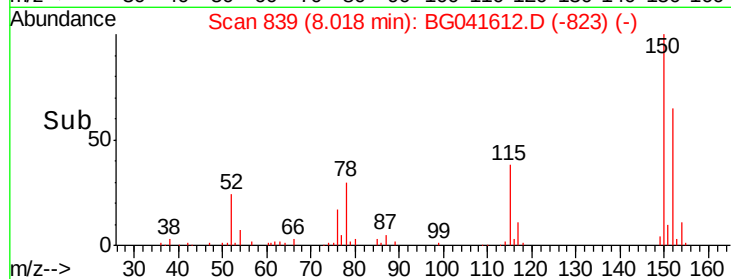
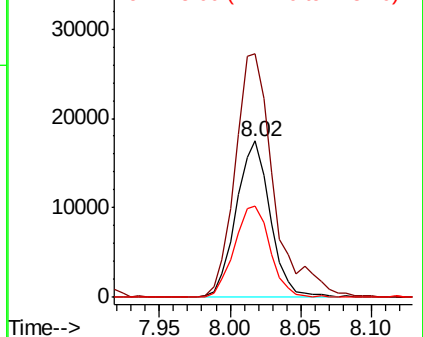
152 100

150 155.7 118.3 177.5

115 58.2 44.0 66.0



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: 15.128 ng

RT: 3.39 min Scan# 52

Delta R.T. -0.01 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

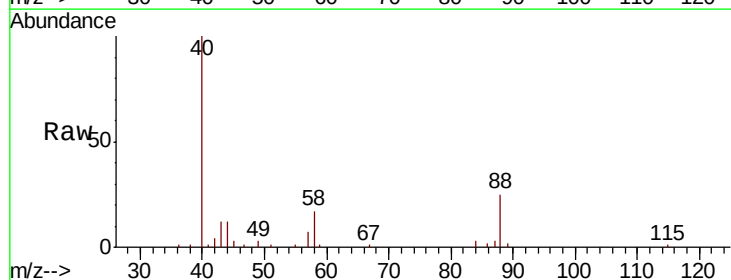
Tgt Ion: 88 Resp: 11327

Ion Ratio Lower Upper

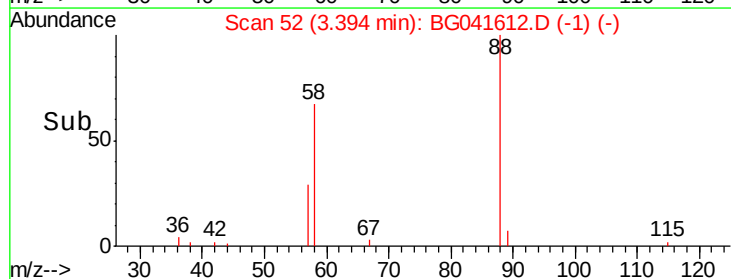
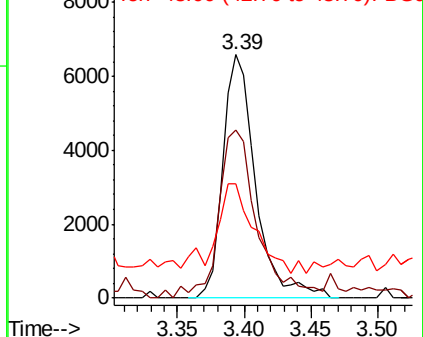
88 100

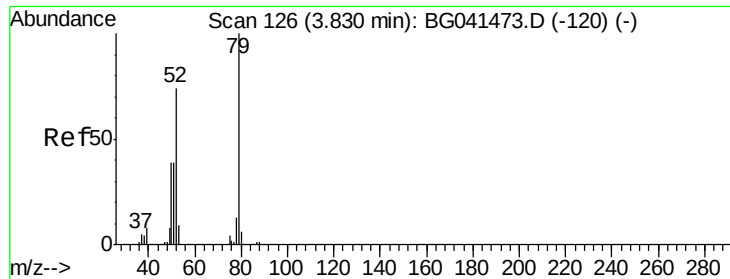
58 80.8 55.9 83.9

43 43.4 30.1 45.1



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: 14.385 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

Instrument :

BNA_G

ClientSampleId :

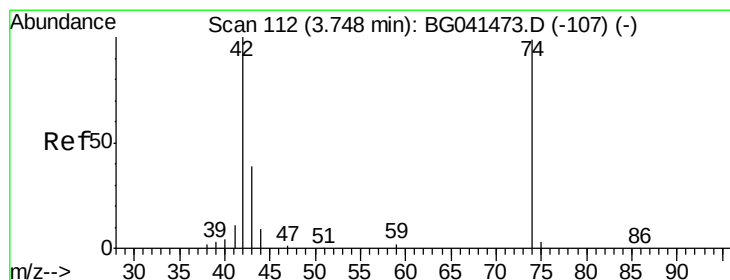
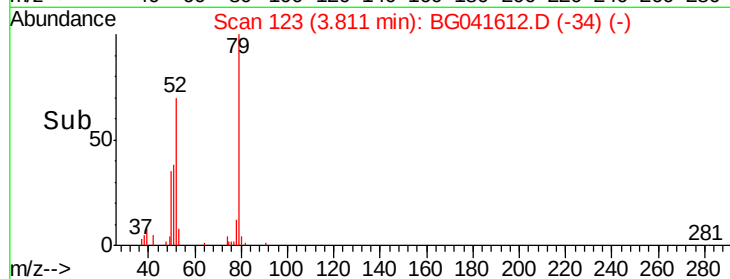
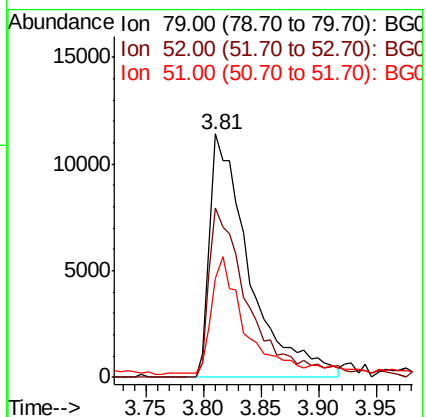
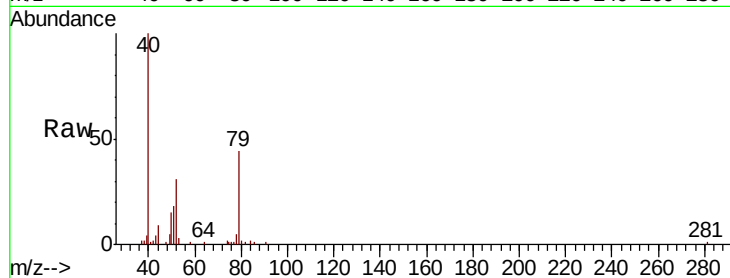
Tot Ion: 79 Resp: 27327

Ion Ratio Lower Upper

79 100

52 69.7 54.7 82.1

51 40.9 33.6 50.4



#4

n-Nitrosodimethylamine

Concen: 17.673 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

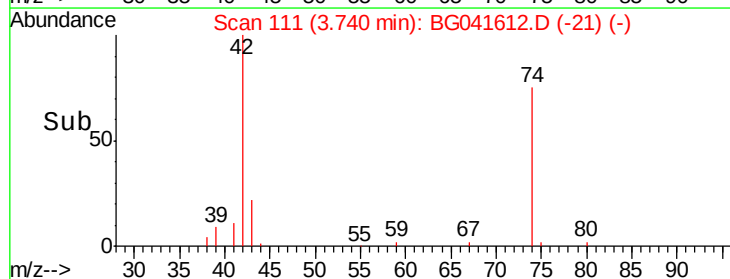
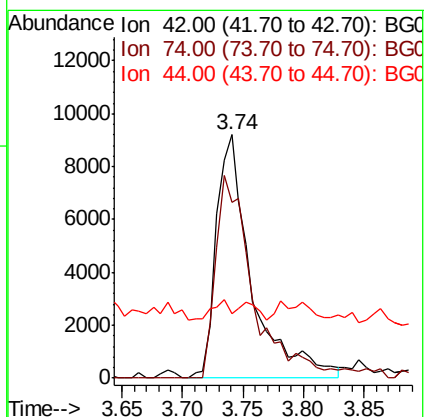
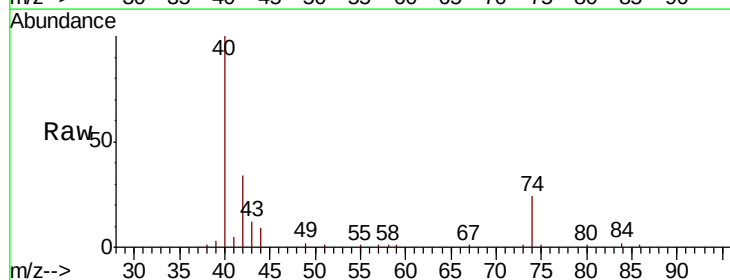
Tgt Ion: 42 Resp: 18682

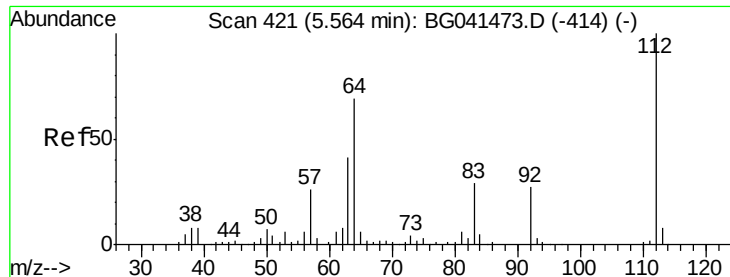
Ion Ratio Lower Upper

42 100

74 72.1 79.5 119.3#

44 26.7 14.2 21.2#





#5

2-Fluorophenol

Concen: 61.778 ng

RT: 5.56 min Scan# 420

Delta R.T. 0.00 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

Instrument :

BNA_G

ClientSampled :

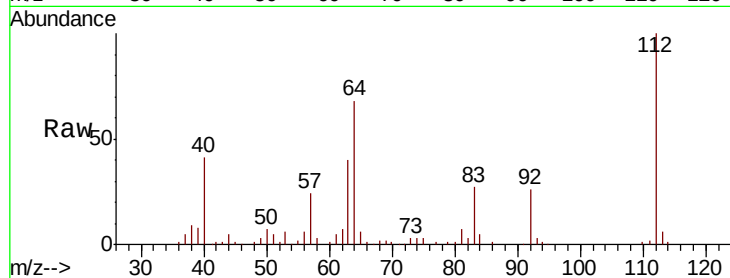
Tot Ion:112 Resp: 102183

Ion Ratio Lower Upper

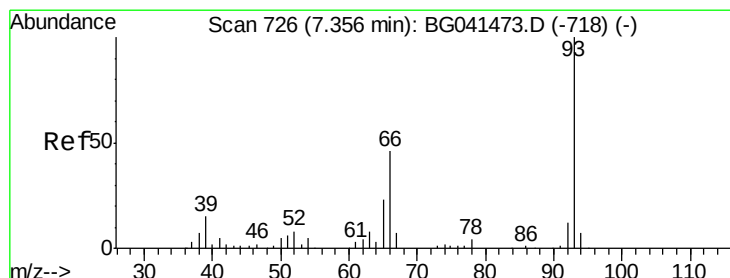
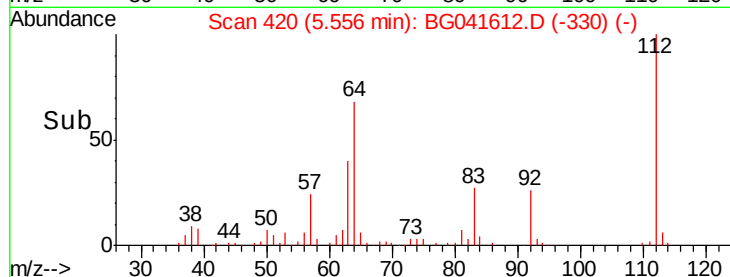
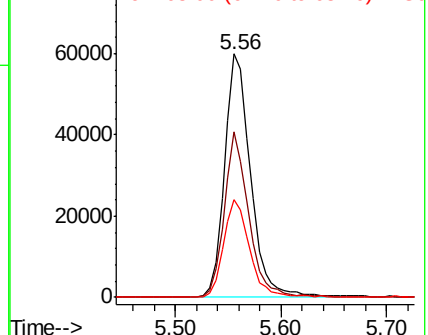
112 100

64 68.2 52.4 78.6

63 40.4 32.2 48.2



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



#6

Aniline

Concen: 12.601 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

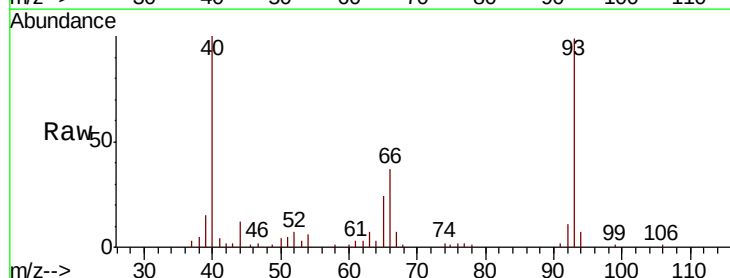
Tgt Ion: 93 Resp: 37821

Ion Ratio Lower Upper

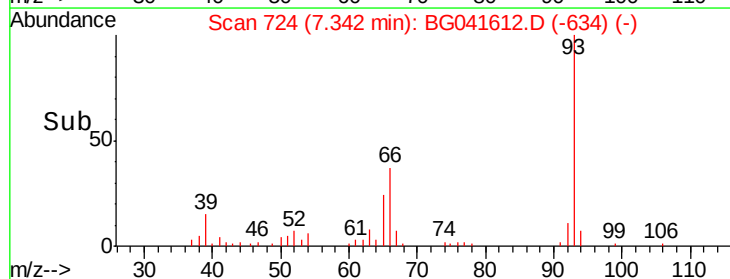
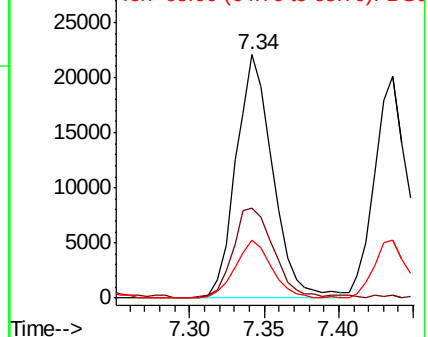
93 100

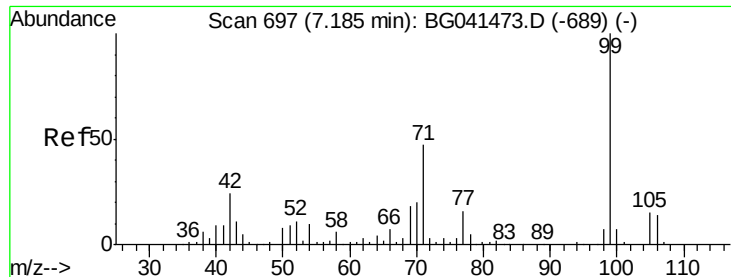
66 37.1 32.2 48.4

65 23.8 18.8 28.2



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: 64.391 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

Instrument :

BNA_G

ClientSampled :

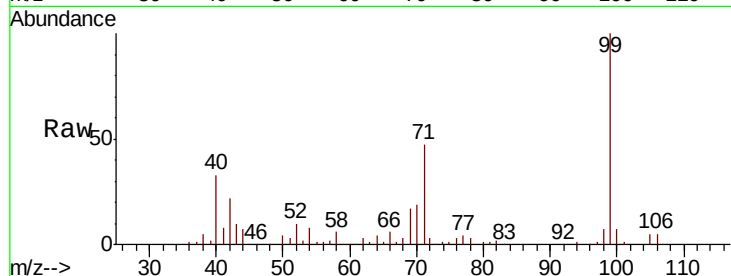
Tot Ion: 99 Resp: 149931

Ion Ratio Lower Upper

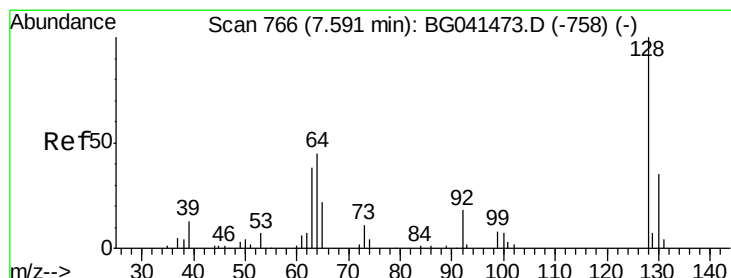
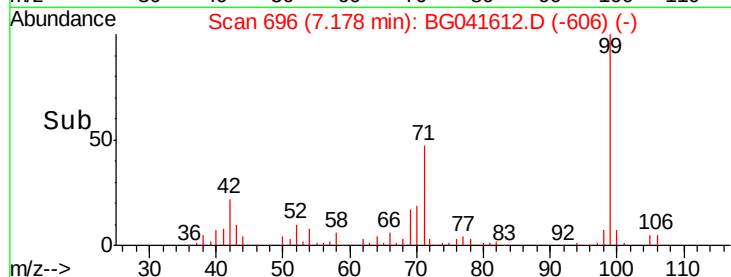
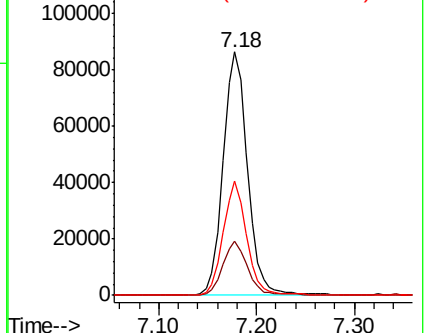
99 100

42 22.4 18.2 27.4

71 46.8 37.4 56.2



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: 19.848 ng

RT: 7.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

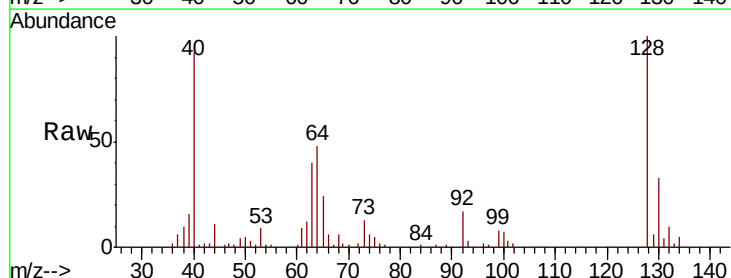
Tgt Ion: 128 Resp: 36817

Ion Ratio Lower Upper

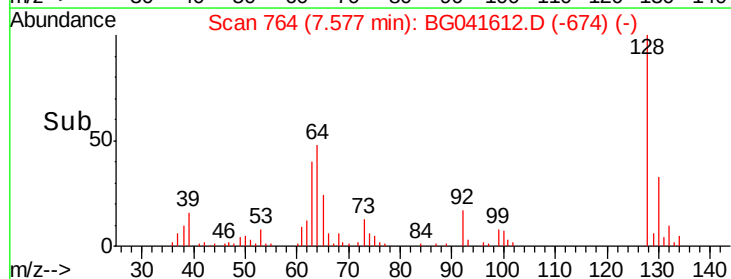
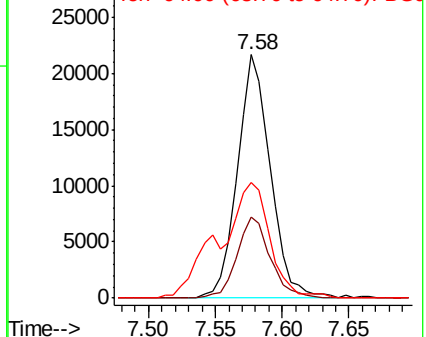
128 100

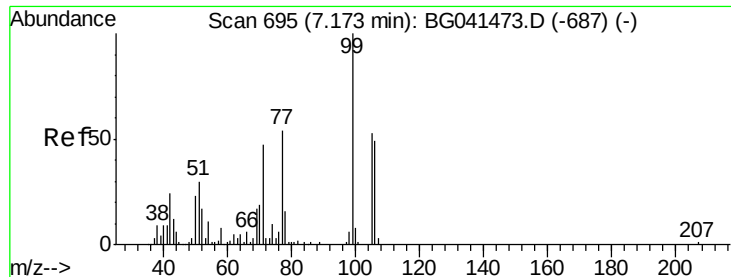
130 33.0 13.3 53.3

64 47.7 31.0 71.0



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

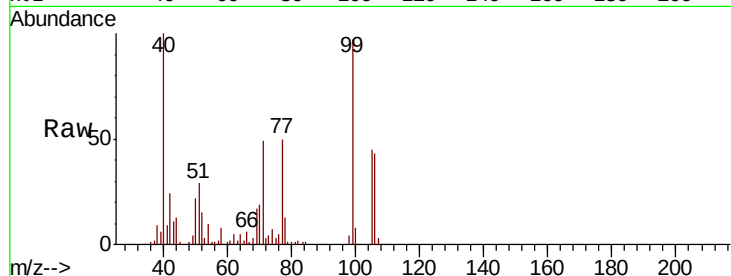




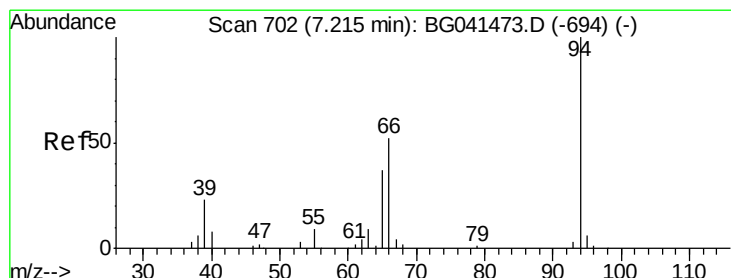
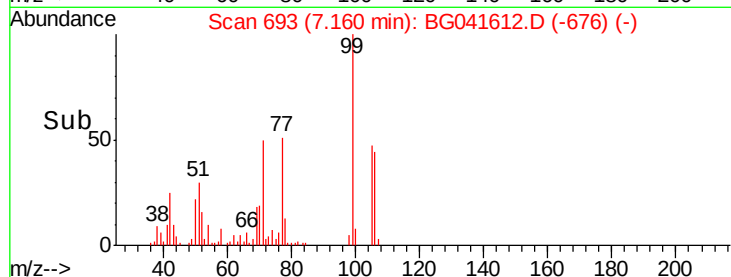
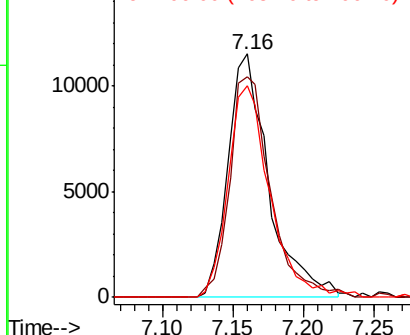
#9
Benzaldehyde
Concen: 16.451 ng
RT: 7.16 min Scan# 693
Delta R.T. 0.00 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 23133
Ion Ratio Lower Upper
77 100
105 90.8 82.9 122.9
106 86.7 80.3 120.3

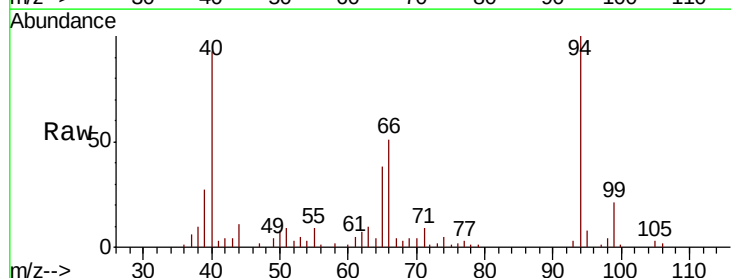


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

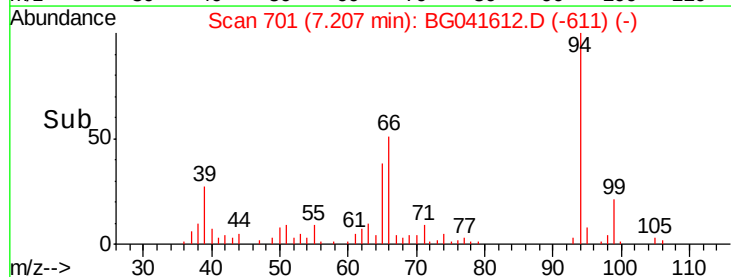
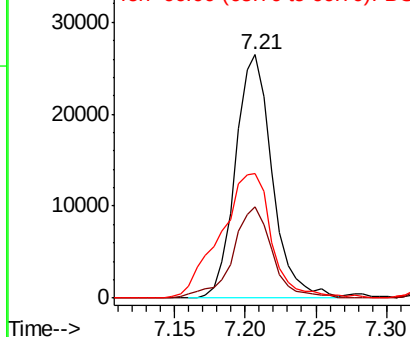


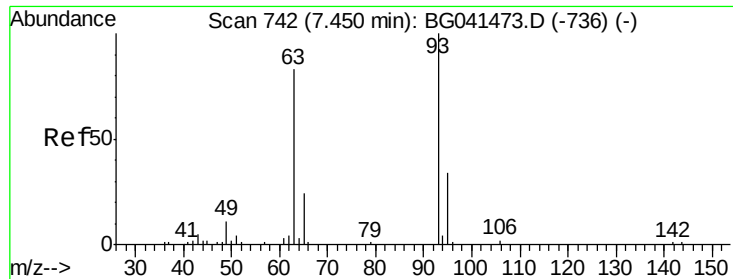
#10
Phenol
Concen: 20.574 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Tgt Ion: 94 Resp: 48281
Ion Ratio Lower Upper
94 100
65 37.5 16.8 56.8
66 51.0 34.0 74.0



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

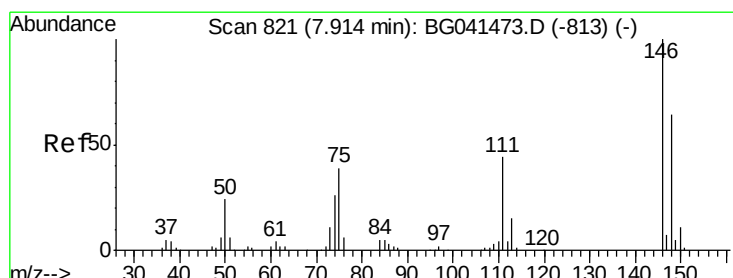
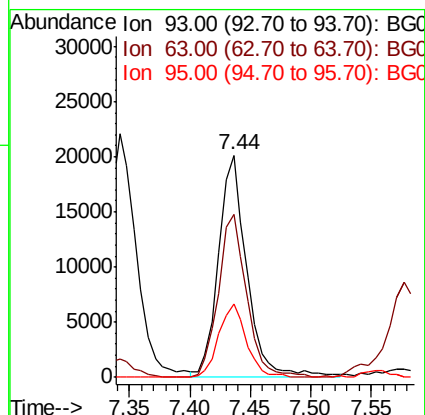
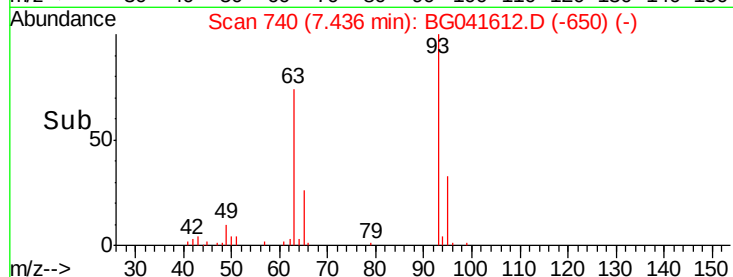
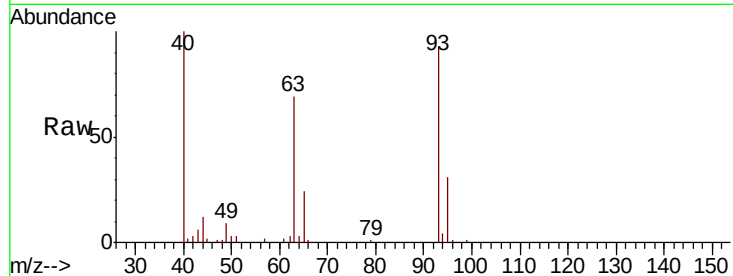




#11
 bis(2-Chloroethyl)ether
 Concen: 17.574 ng
 RT: 7.44 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

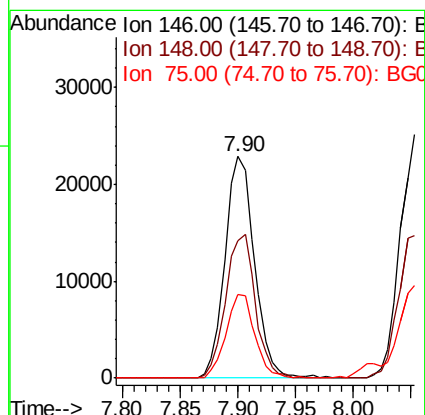
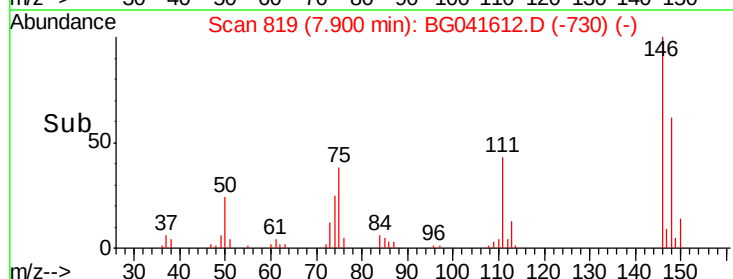
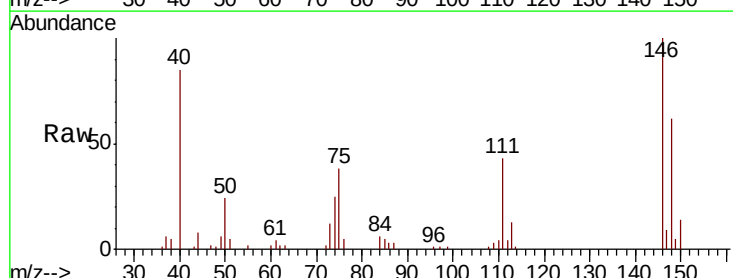
Instrument :
 BNA_G
 ClientSampled :

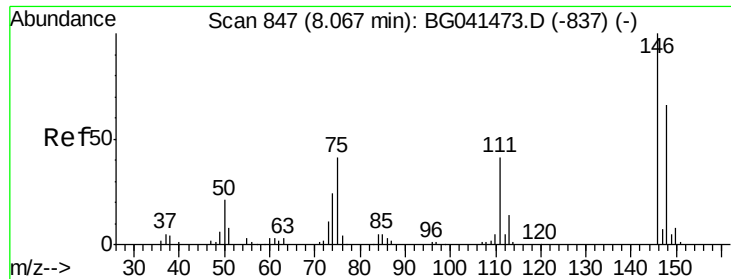
Tot Ion: 93 Resp: 32706
 Ion Ratio Lower Upper
 93 100
 63 73.6 57.4 97.4
 95 33.3 13.8 53.8



#12
 1,3-Dichlorobenzene
 Concen: 16.885 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

Tgt Ion: 146 Resp: 40518
 Ion Ratio Lower Upper
 146 100
 148 62.1 52.3 78.5
 75 37.8 27.6 41.4

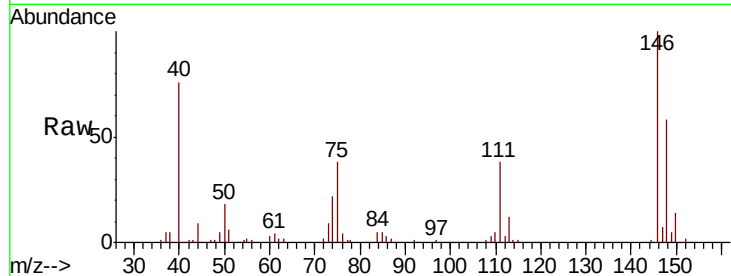




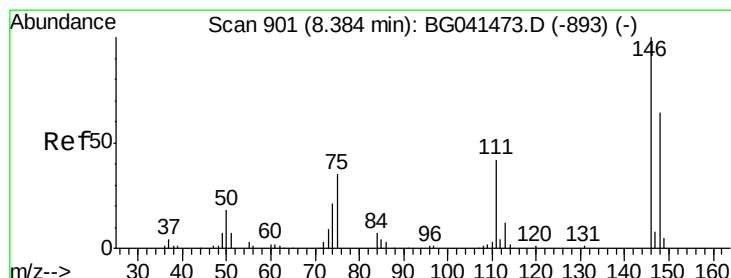
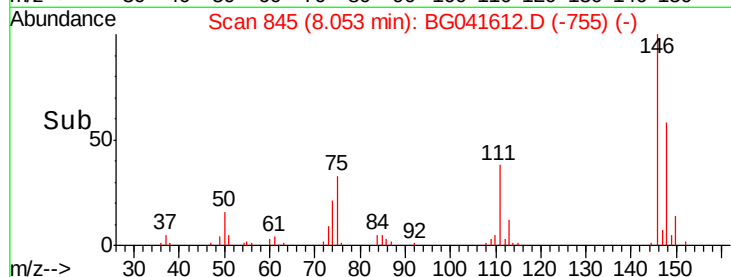
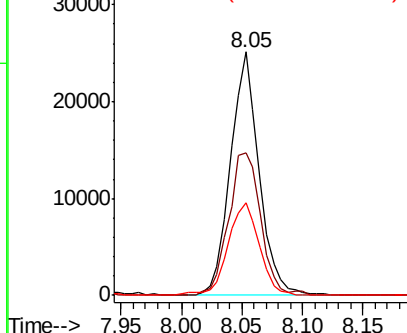
#13
 1,4-Dichlorobenzene
 Concen: 17.125 ng
 RT: 8.05 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 41426
 Ion Ratio Lower Upper
 146 100
 148 58.3 51.8 77.8
 111 38.1 31.6 47.4

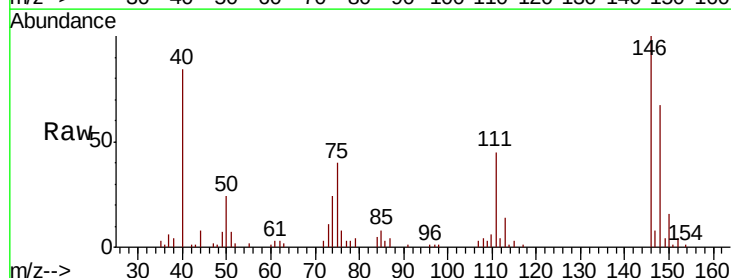


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

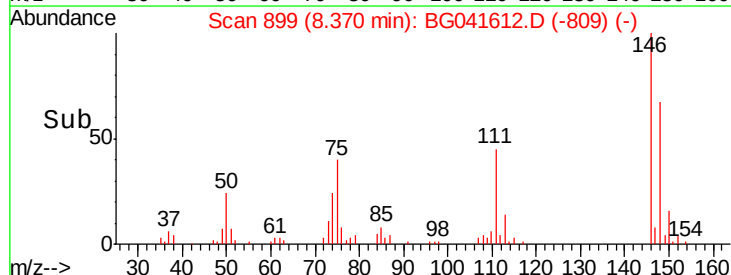
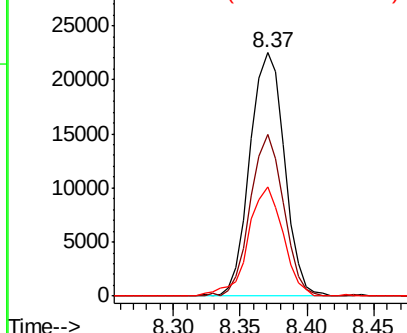


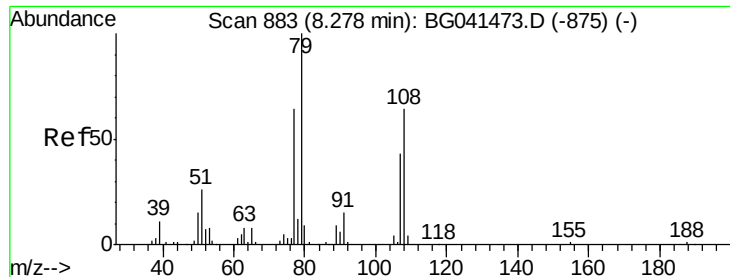
#14
 1,2-Dichlorobenzene
 Concen: 17.347 ng
 RT: 8.37 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

Tgt Ion:146 Resp: 40179
 Ion Ratio Lower Upper
 146 100
 148 66.6 48.6 72.8
 111 45.0 34.1 51.1



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

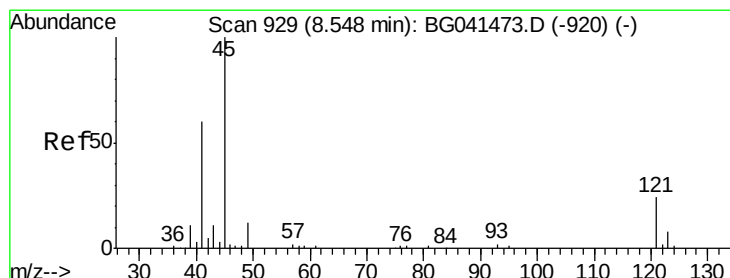
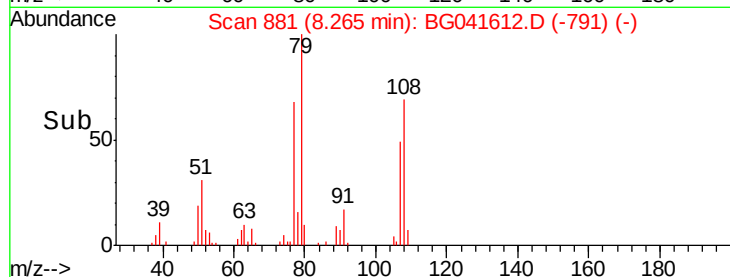
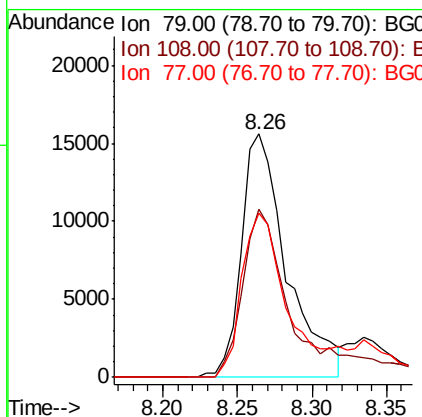
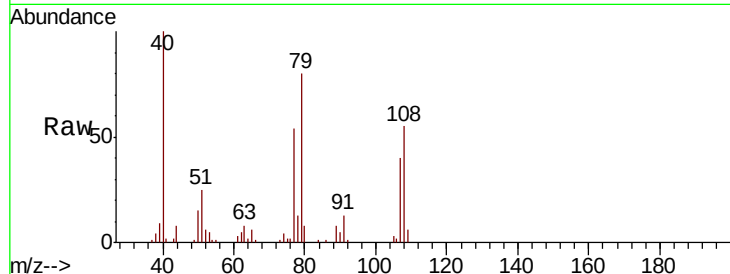




#15
Benzyl Alcohol
Concen: 17.736 ng
RT: 8.26 min Scan# 881
Delta R.T. 0.00 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

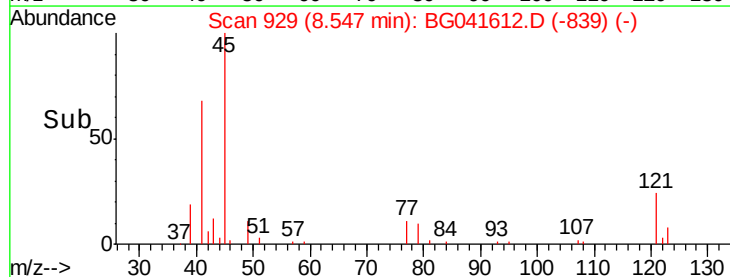
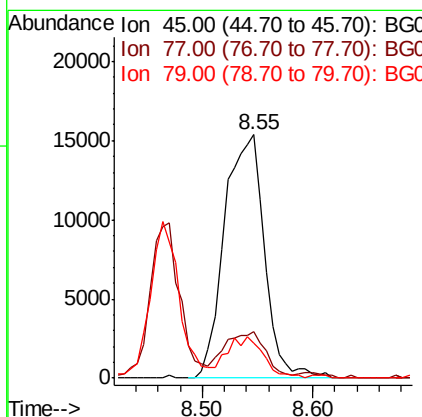
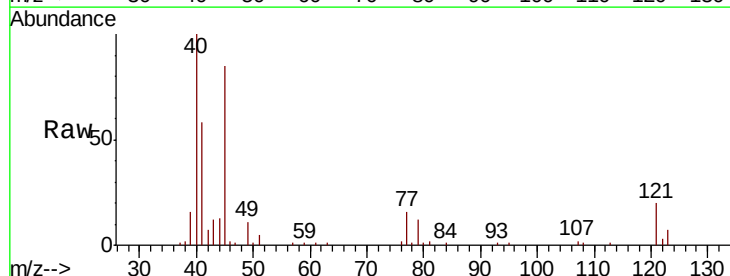
Instrument :
BNA_G
ClientSampled :

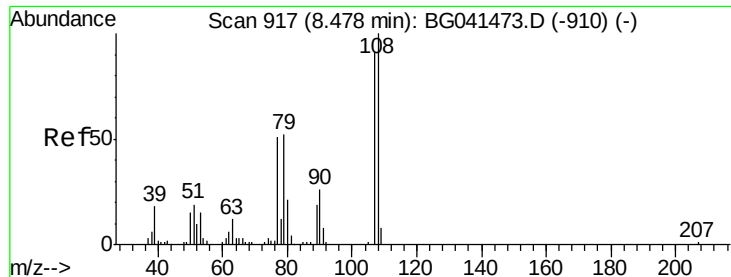
Tot Ion: 79 Resp: 32888
Ion Ratio Lower Upper
79 100
108 69.2 52.2 78.2
77 67.5 55.4 83.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 14.873 ng
RT: 8.55 min Scan# 929
Delta R.T. 0.00 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Tgt Ion: 45 Resp: 38870
Ion Ratio Lower Upper
45 100
77 19.1 0.0 37.4
79 14.1 0.0 34.5





#17

2-Methylphenol

Concen: 19.674 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 33608

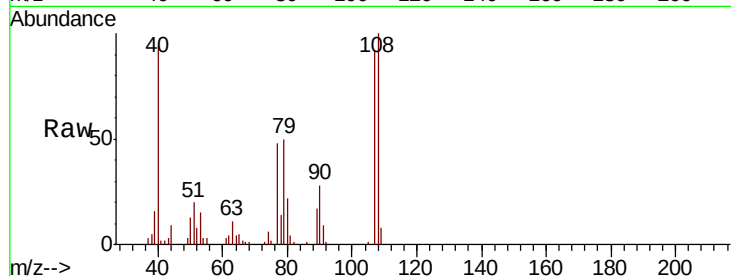
Ion Ratio Lower Upper

107 100

108 108.3 83.8 125.6

77 52.0 46.9 70.3

79 53.9 46.6 70.0

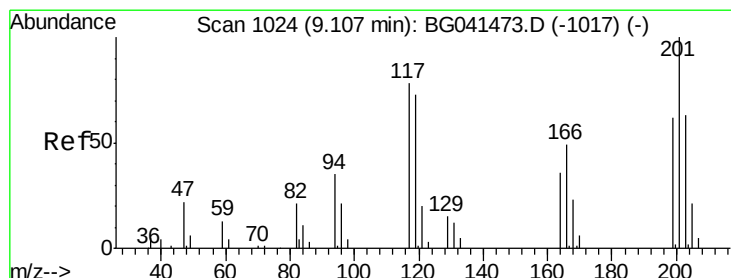
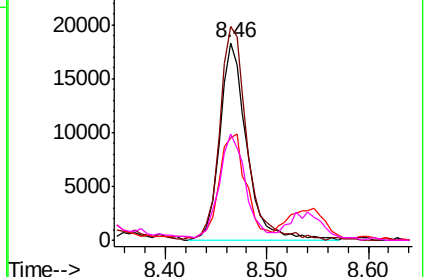
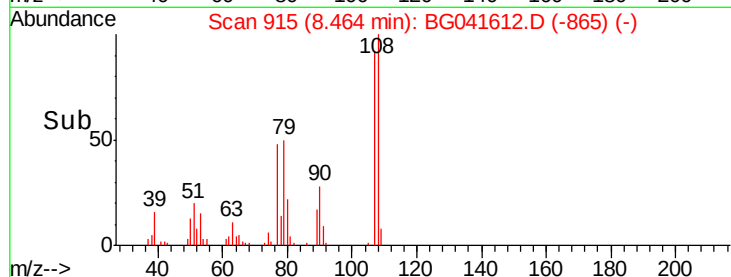


Abundance Ion 107.00 (106.70 to 107.70): E

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: 17.146 ng

RT: 9.09 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

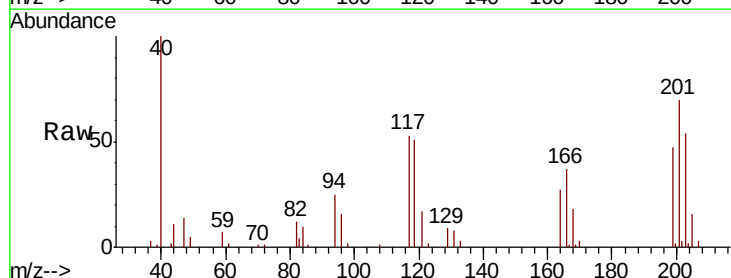
Tgt Ion:117 Resp: 16366

Ion Ratio Lower Upper

117 100

119 96.4 81.3 121.9

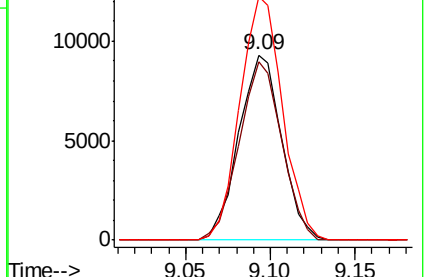
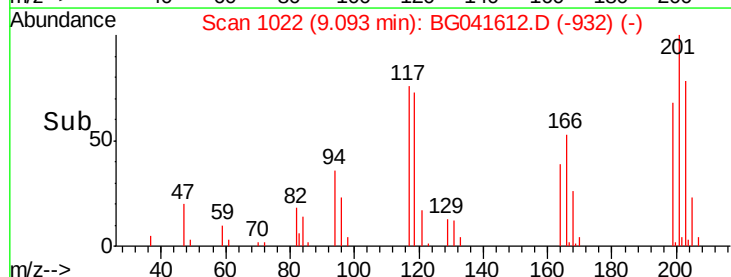
201 131.4 102.9 154.3

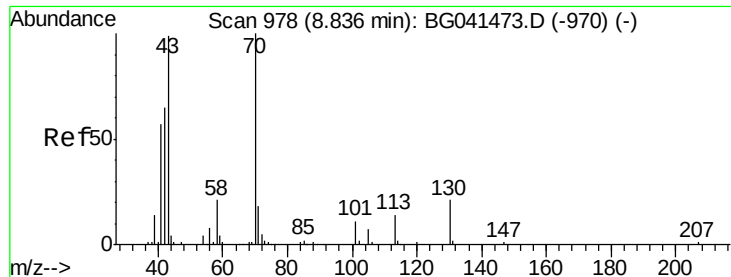


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 16.710 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 29022

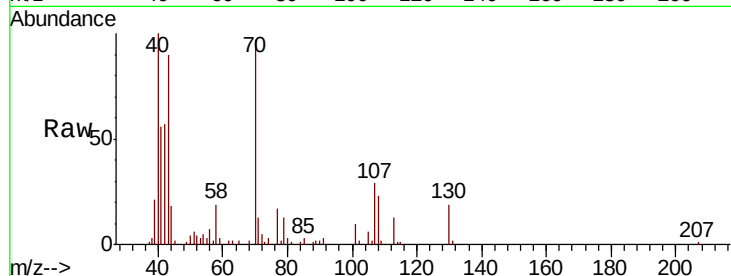
Ion Ratio Lower Upper

70 100

42 58.6 45.5 68.3

101 9.8 9.0 13.4

130 19.7 16.8 25.2

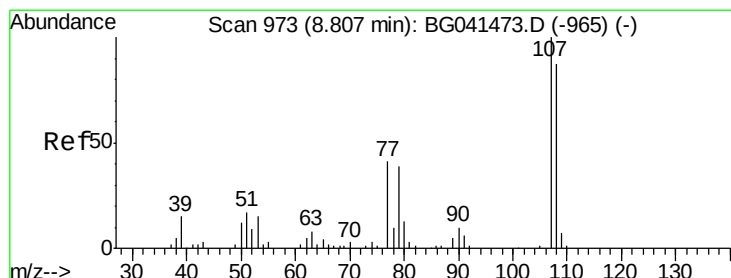
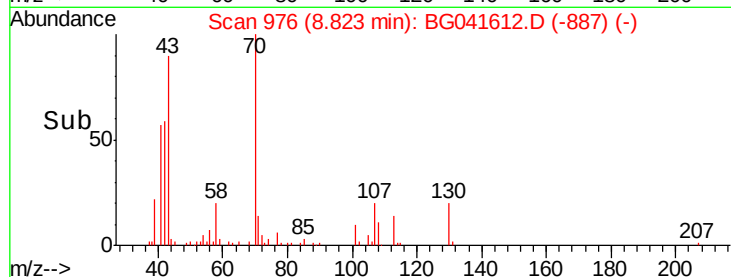
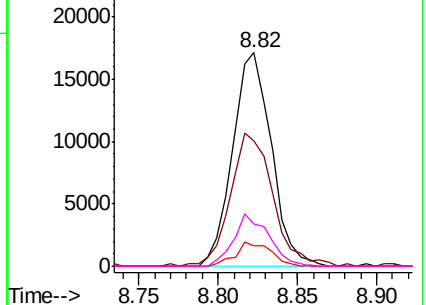


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 18.961 ng

RT: 8.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

Tgt Ion: 107 Resp: 43170

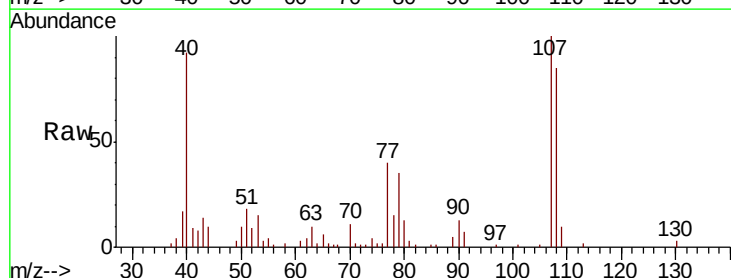
Ion Ratio Lower Upper

107 100

108 84.9 64.6 104.6

77 39.9 21.6 61.6

79 34.9 14.9 54.9

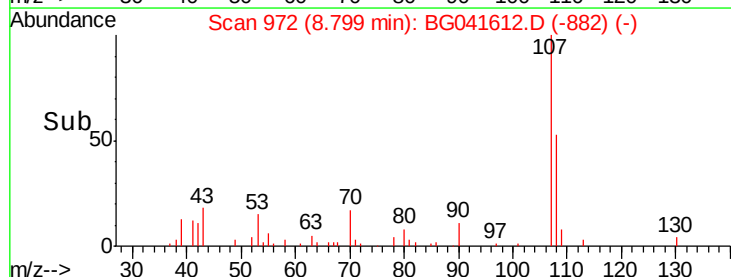
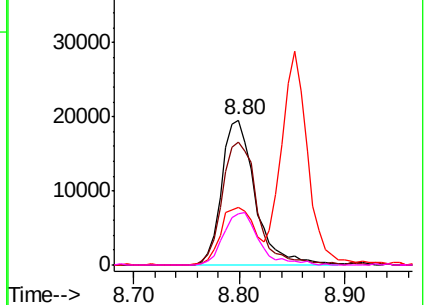


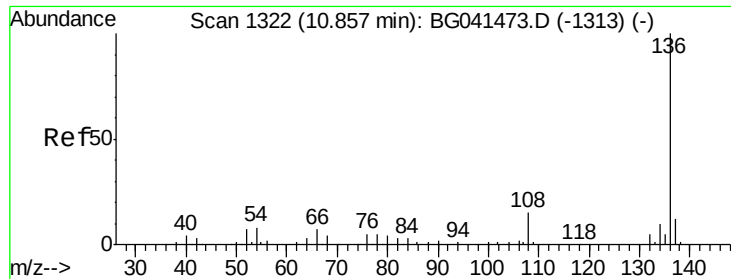
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

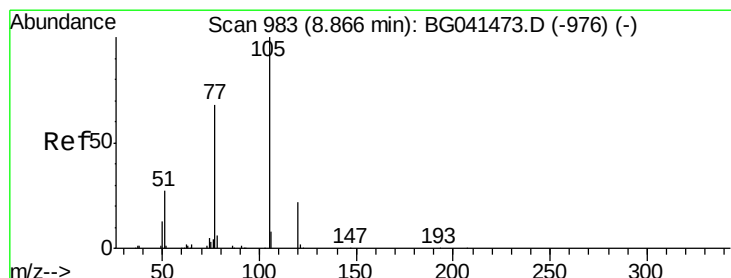
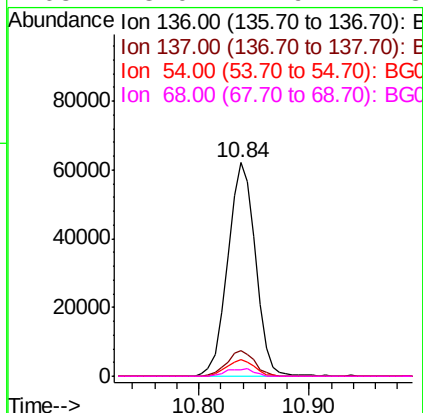
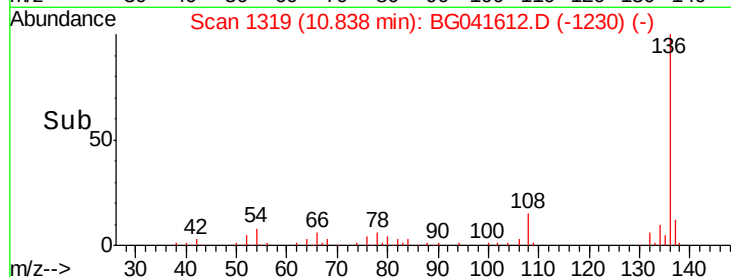
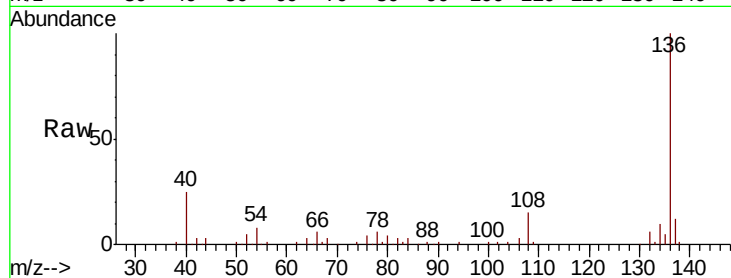




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

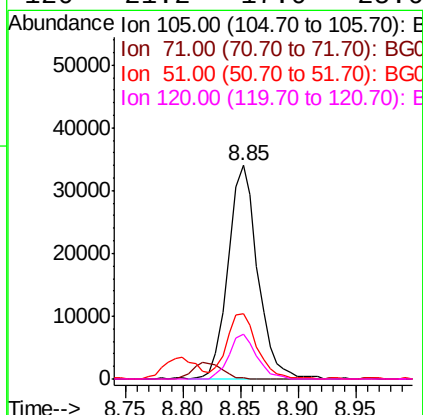
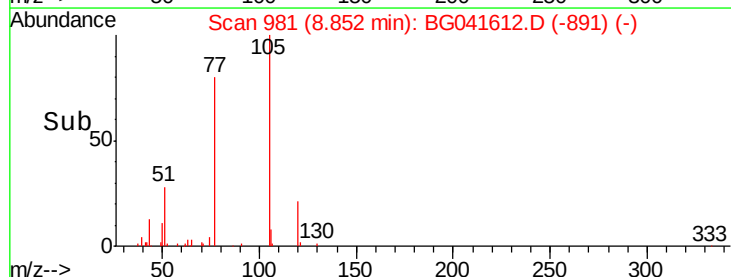
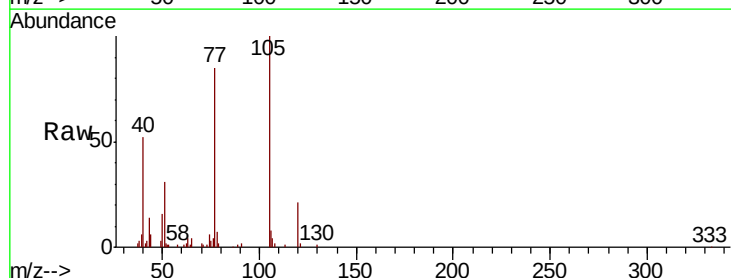
Instrument :
BNA_G
ClientSampleId :

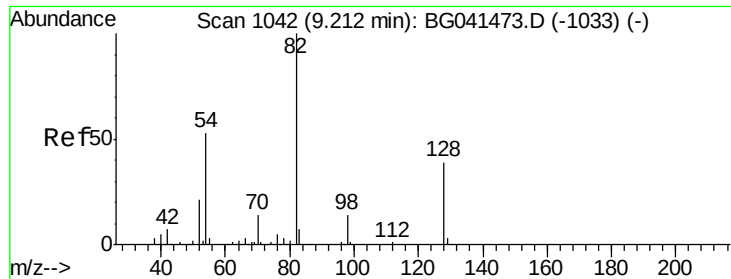
Tot Ion:136	Resp:	109246
Ion Ratio	Lower	Upper
136	100	
137	12.3	9.4 14.2
54	8.0	6.0 9.0
68	3.0	2.9 4.3



#22
Acetophenone
Concen: 18.401 ng
RT: 8.85 min Scan# 981
Delta R.T. 0.00 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Tgt Ion:105	Resp:	60299
Ion Ratio	Lower	Upper
105	100	
71	0.7	0.9 1.3#
51	30.5	24.5 36.7
120	21.2	17.0 25.6

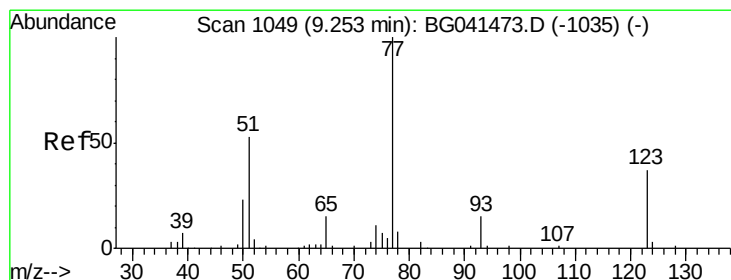
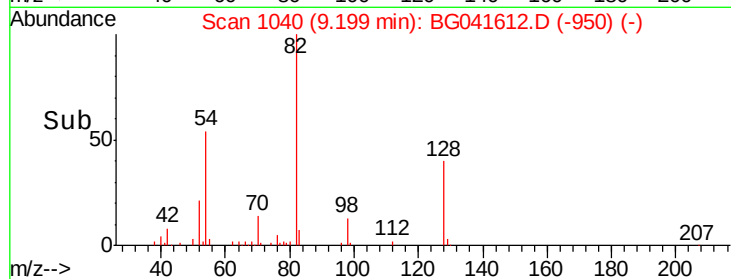
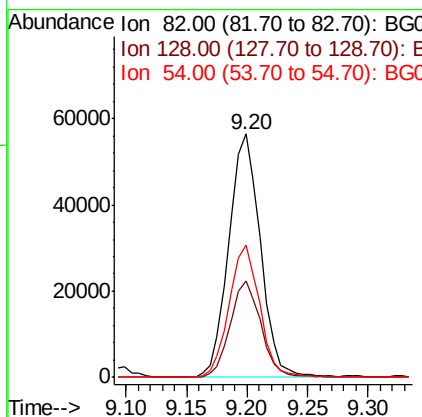
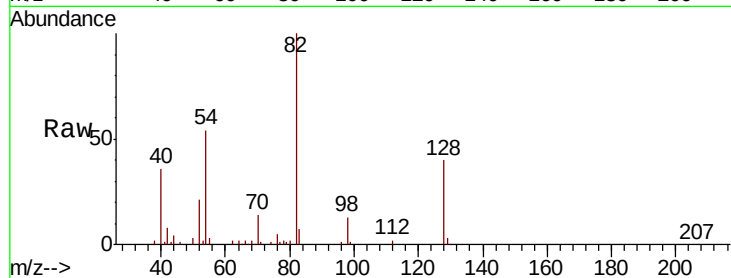




#23
 Nitrobenzene-d5
 Concen: 39.458 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

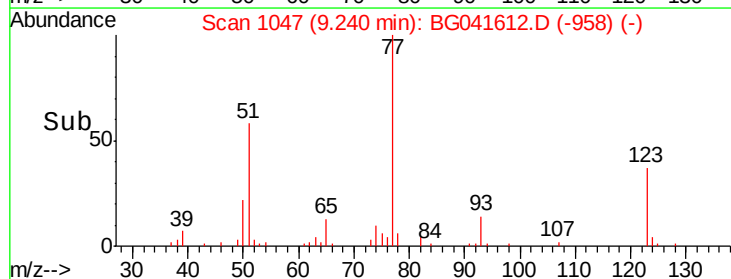
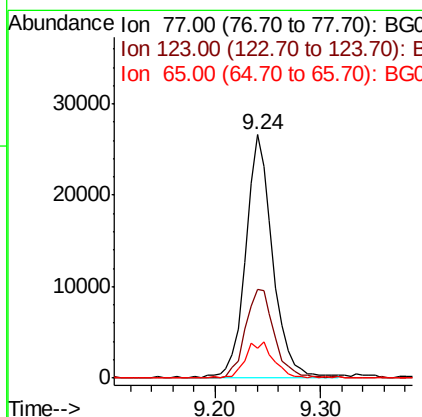
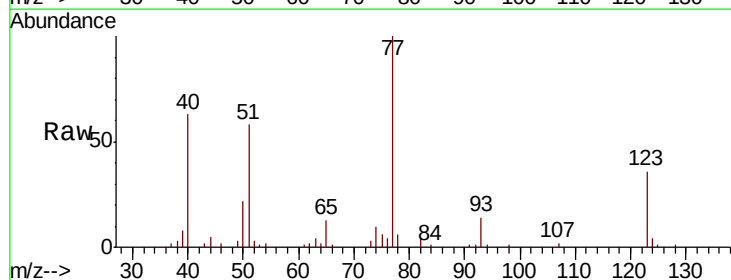
Instrument :
 BNA_G
 ClientSampled :

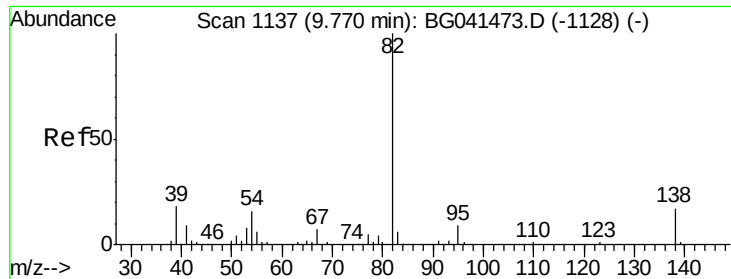
Tot Ion	82	Resp	103356
Ion Ratio	Lower	Upper	
82	100		
128	39.8	29.5	44.3
54	54.3	42.2	63.2



#24
 Nitrobenzene
 Concen: 18.077 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

Tgt Ion	77	Resp	47527
Ion Ratio	Lower	Upper	
77	100		
123	36.3	32.9	49.3
65	12.5	12.1	18.1





#25

Isophorone

Concen: 17.556 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

Instrument :

BNA_G

ClientSampleId :

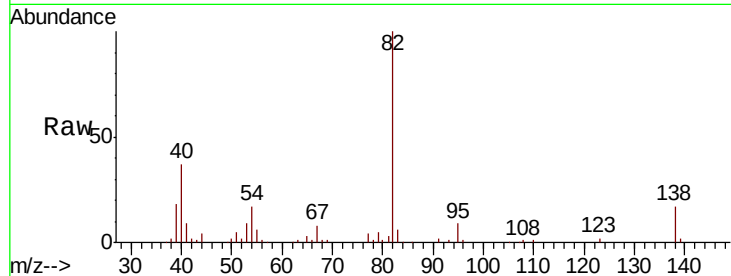
Tot Ion: 82 Resp: 82561

Ion Ratio Lower Upper

82 100

95 8.6 7.5 11.3

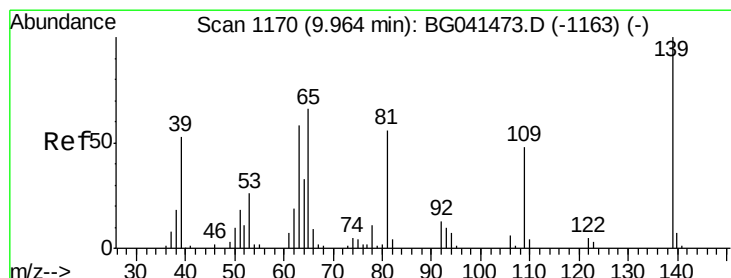
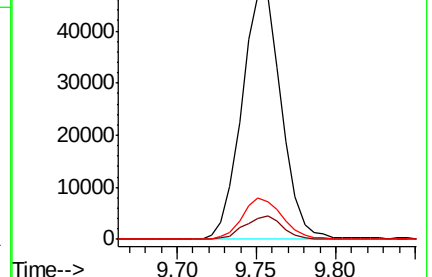
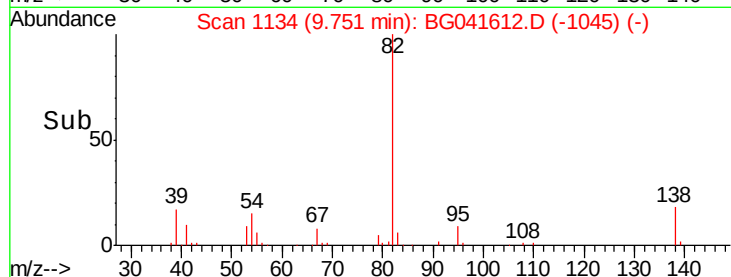
138 17.2 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BG041473.D (-1128) (-)

Ion 95.00 (94.70 to 95.70): BG041473.D (-1128) (-)

Ion 138.00 (137.70 to 138.70): BG041473.D (-1128) (-)



#26

2-Nitrophenol

Concen: 18.925 ng

RT: 9.95 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

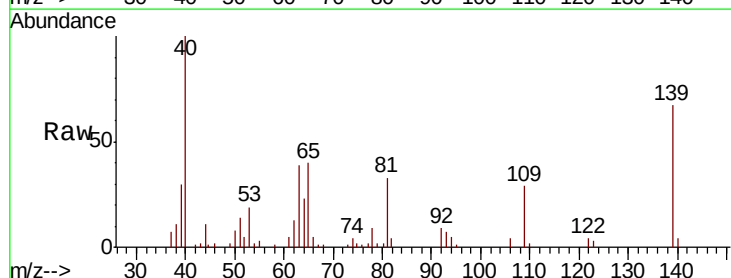
Tgt Ion: 139 Resp: 20780

Ion Ratio Lower Upper

139 100

109 43.1 34.1 51.1

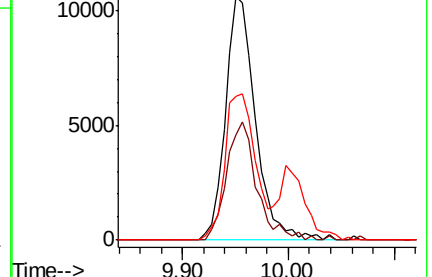
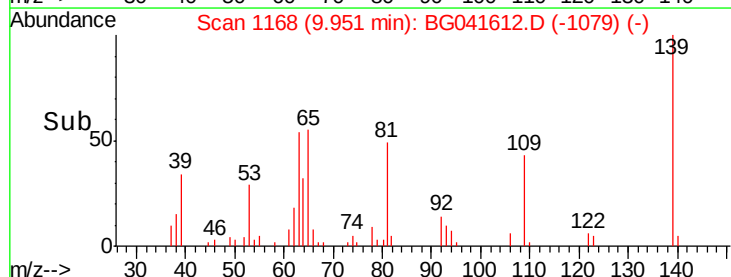
65 59.3 47.7 71.5

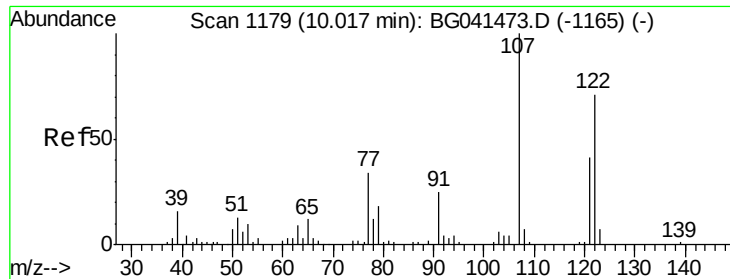


Abundance Ion 139.00 (138.70 to 139.70): BG041473.D (-1163) (-)

Ion 109.00 (108.70 to 109.70): BG041473.D (-1163) (-)

Ion 65.00 (64.70 to 65.70): BG041473.D (-1163) (-)





#27

2,4-Dimethylphenol

Concen: 22.453 ng

RT: 10.00 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

Instrument :

BNA_G

ClientSampleId :

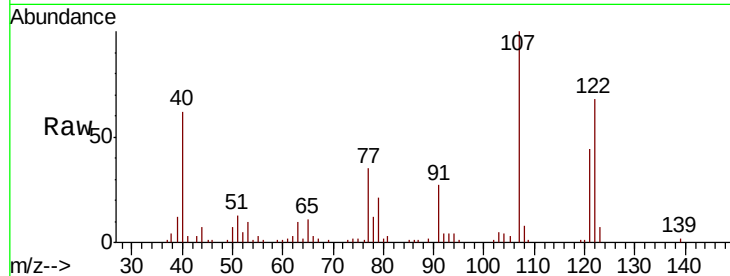
Tot Ion:122 Resp: 34312

Ion Ratio Lower Upper

122 100

107 147.1 115.4 173.2

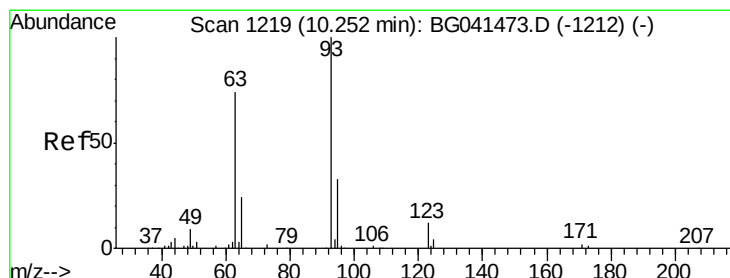
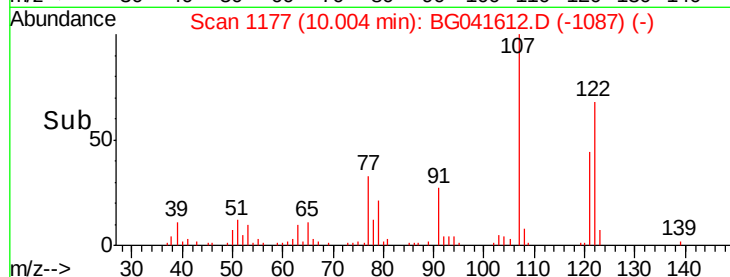
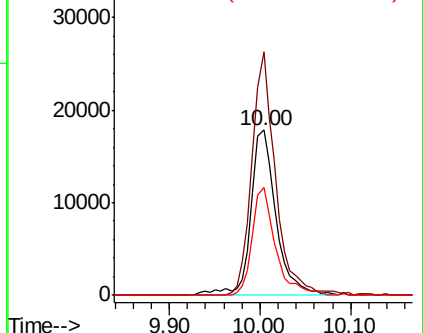
121 65.1 49.4 74.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 17.592 ng

RT: 10.24 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

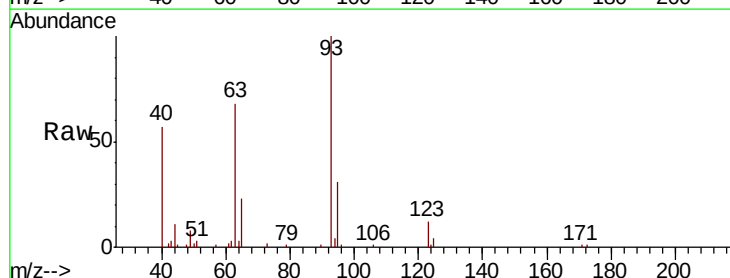
Tgt Ion: 93 Resp: 43747

Ion Ratio Lower Upper

93 100

95 31.0 25.5 38.3

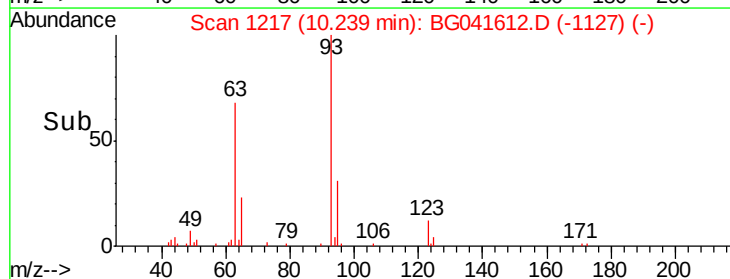
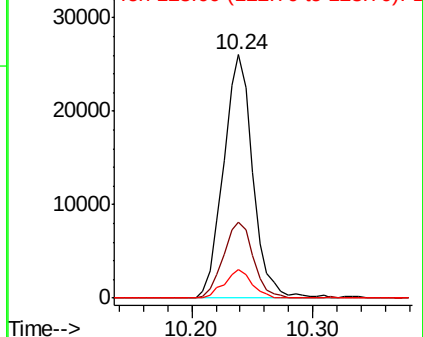
123 11.7 10.2 15.2

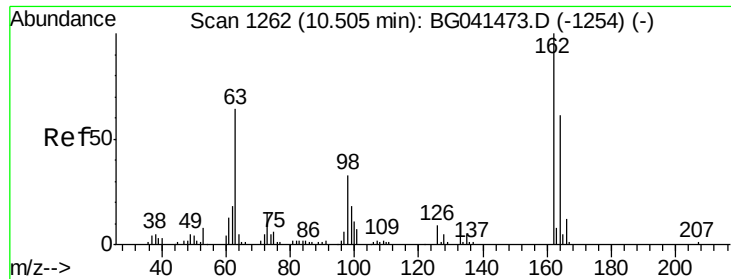


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

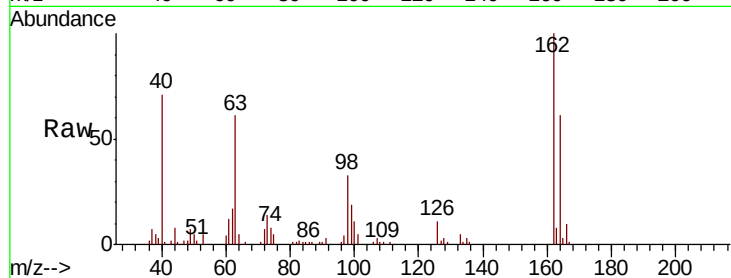




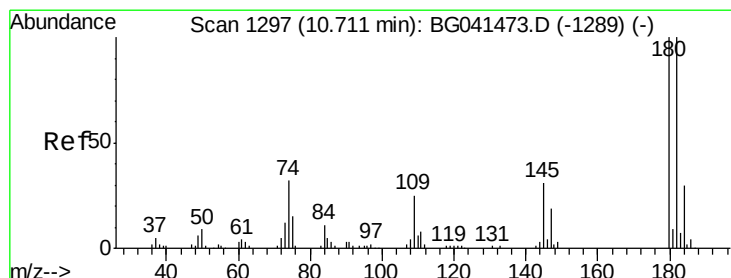
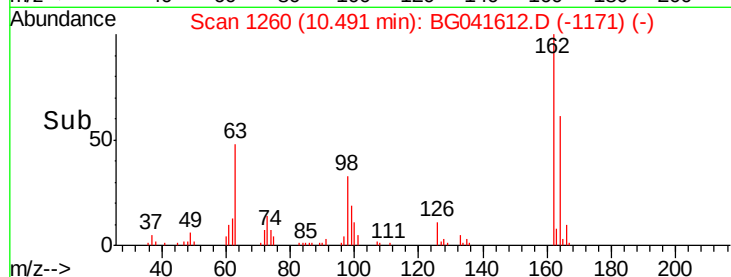
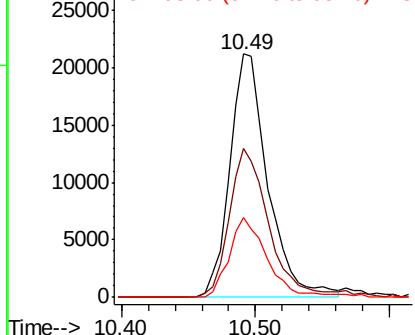
#29
 2,4-Dichlorophenol
 Concen: 20.286 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 41873
 Ion Ratio Lower Upper
 162 100
 164 61.3 44.6 84.6
 98 32.8 12.4 52.4

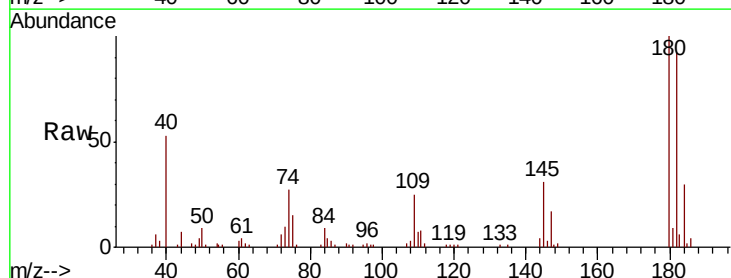


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

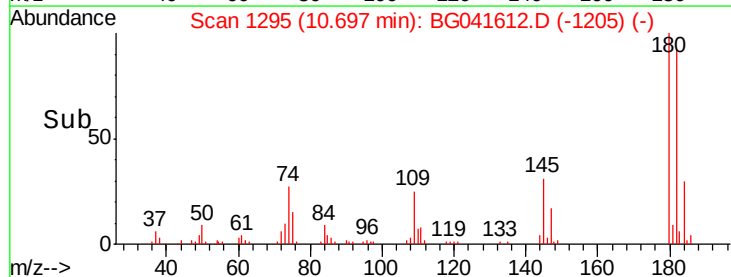
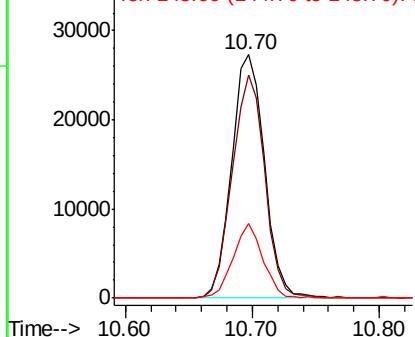


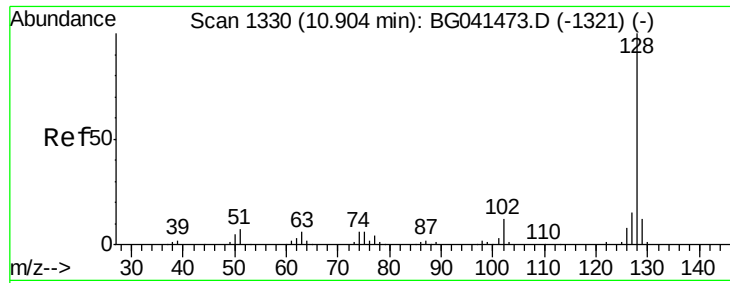
#30
 1,2,4-Trichlorobenzene
 Concen: 18.427 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

Tgt Ion:180 Resp: 48752
 Ion Ratio Lower Upper
 180 100
 182 91.6 73.8 110.6
 145 30.8 22.2 33.2



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

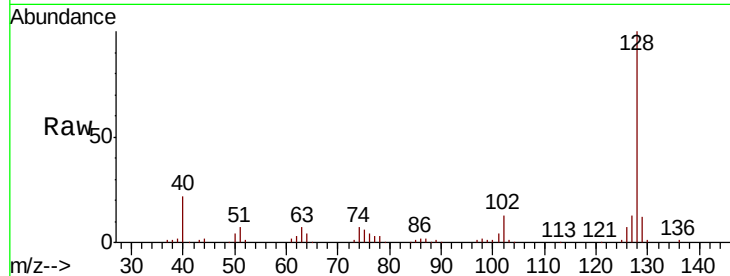




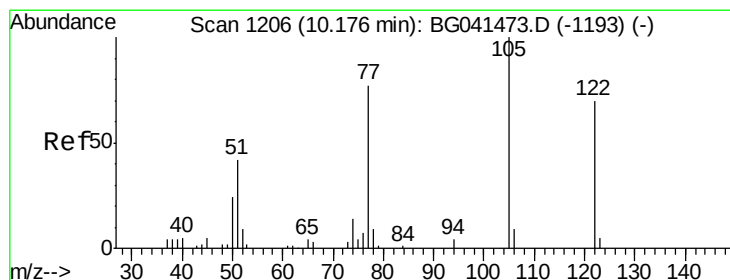
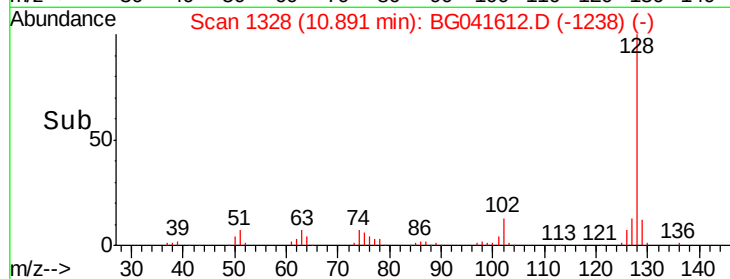
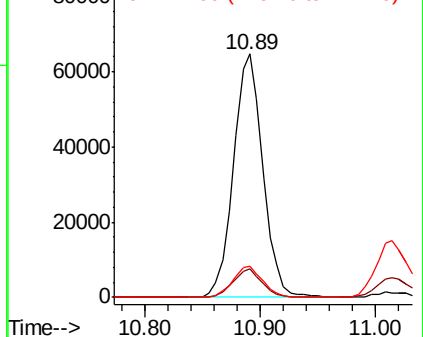
#31
Naphthalene
Concen: 18.852 ng
RT: 10.89 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 113894
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 12.9 11.1 16.7

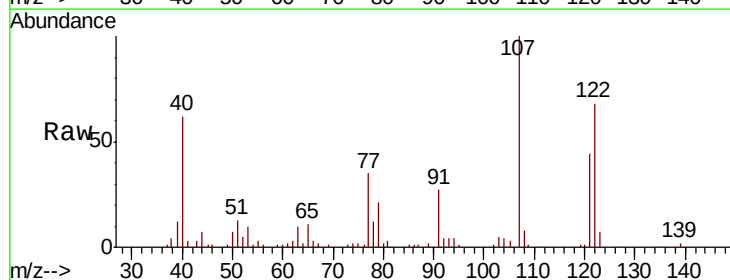


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

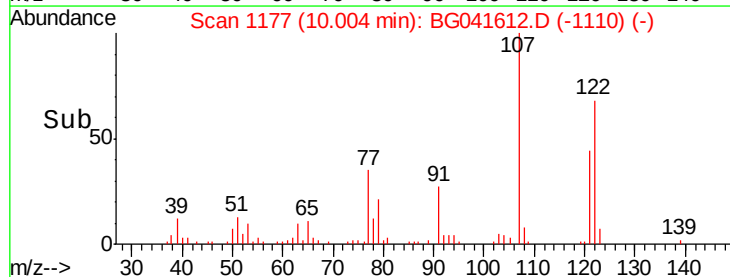
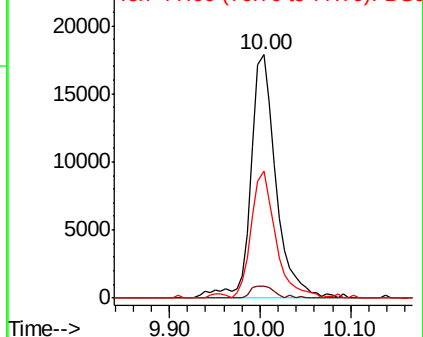


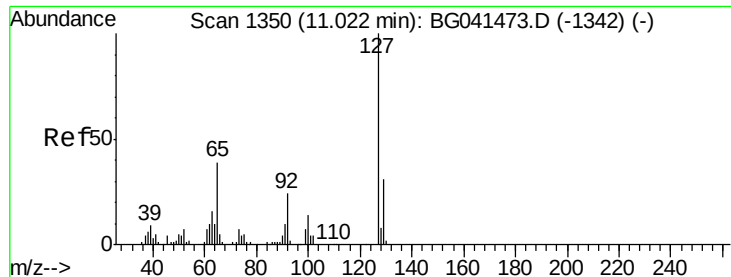
#32
Benzoic acid
Concen: 41.530 ng
RT: 10.00 min Scan# 1177
Delta R.T. -0.13 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Tgt Ion:122 Resp: 34312
Ion Ratio Lower Upper
122 100
105 5.0 118.7 158.7#
77 52.1 72.2 112.2#



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

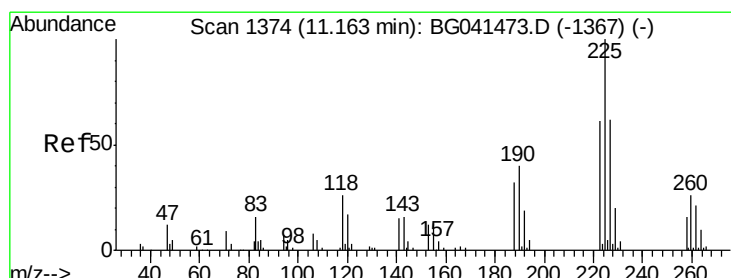
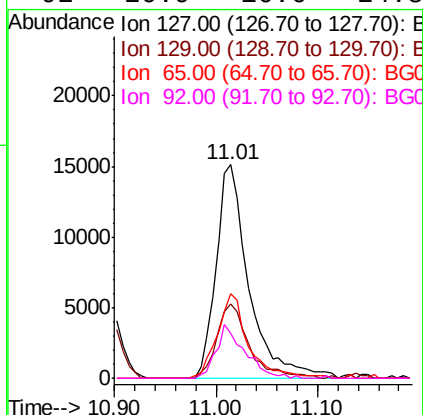
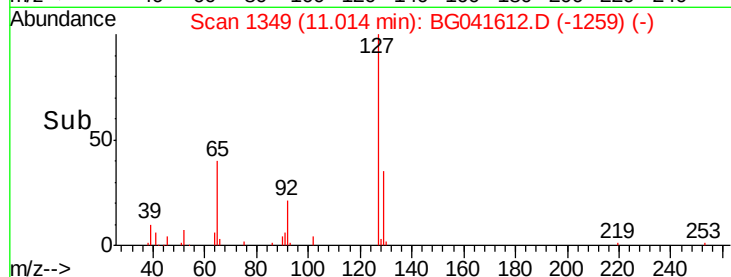
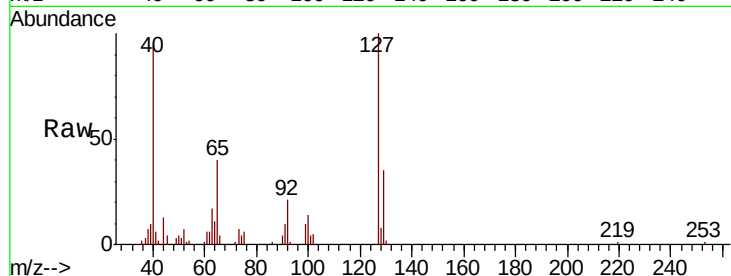




#33
4-Chloroaniline
Concen: 13.321 ng
RT: 11.01 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

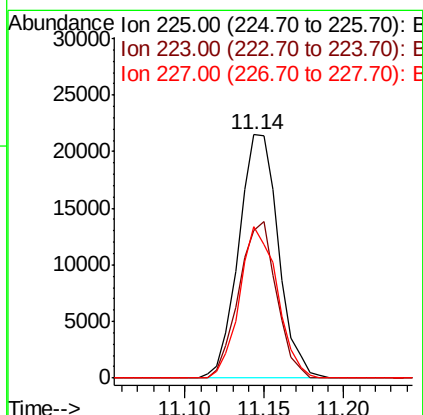
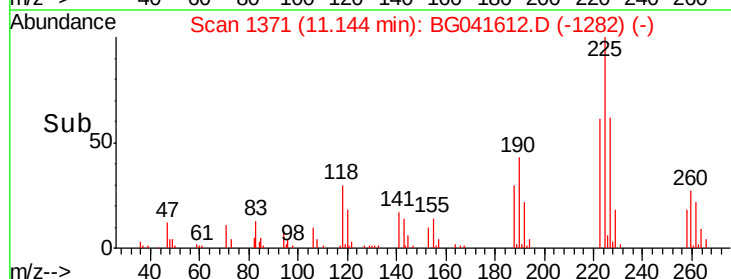
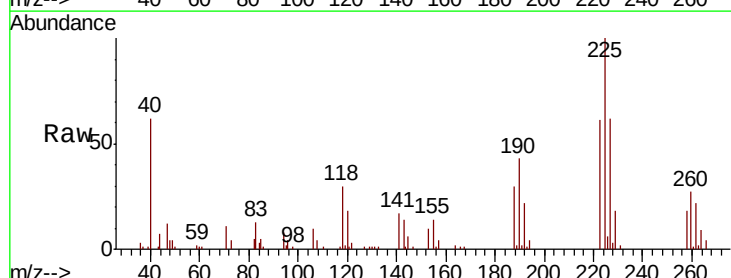
Instrument :
BNA_G
ClientSampleId :

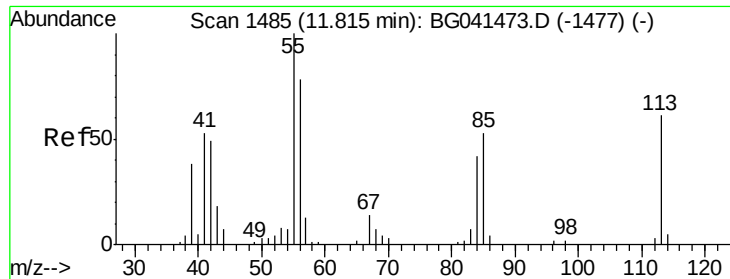
Tot Ion:127	Resp:	33879	
Ion Ratio	Lower	Upper	
127 100			
129 34.8	25.4	38.0	
65 39.6	27.1	40.7	
92 20.9	16.6	24.8	



#34
Hexachlorobutadiene
Concen: 17.762 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Tgt Ion	225	Resp: Lower	37301 Upper
	Ratio		
225	100		
223	60.8	49.4	74.2
227	62.2	49.3	73.9

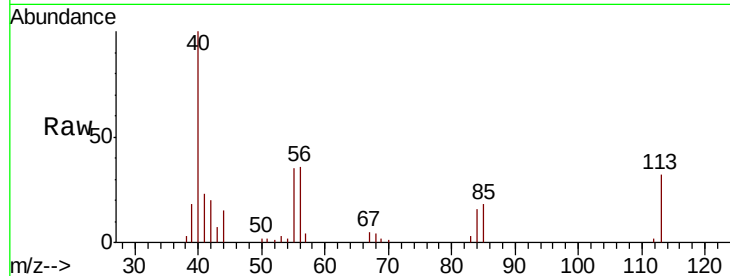




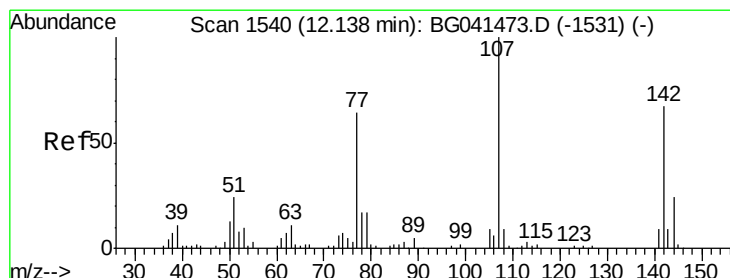
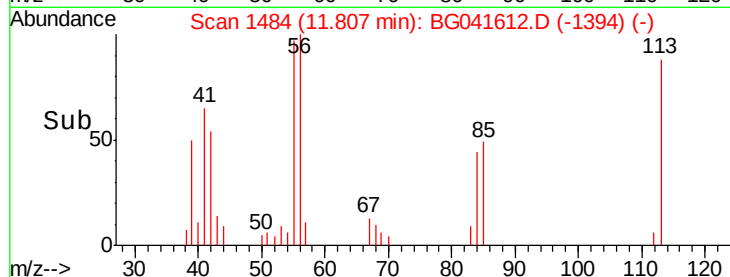
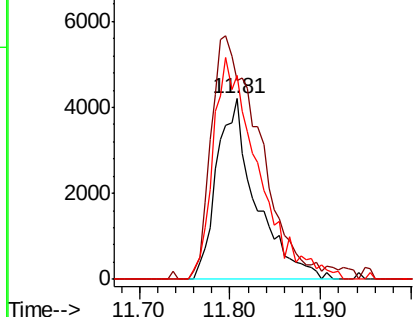
#35
 Caprolactam
 Concen: 19.633 ng
 RT: 11.81 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 12654
 Ion Ratio Lower Upper
 113 100
 55 110.3 132.6 172.6#
 56 113.2 107.8 147.8

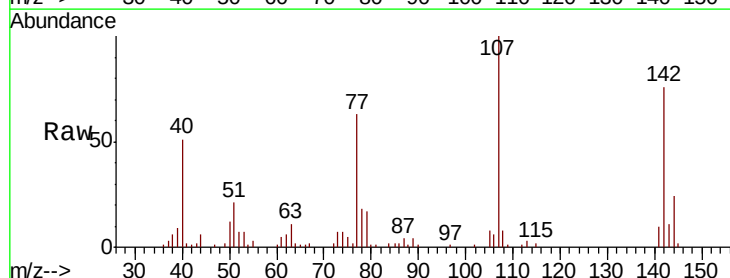


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

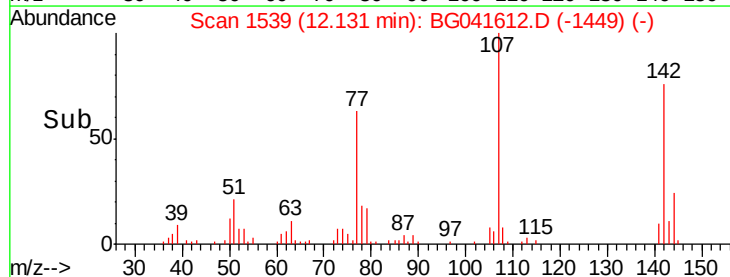
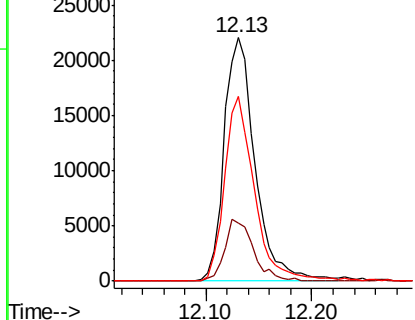


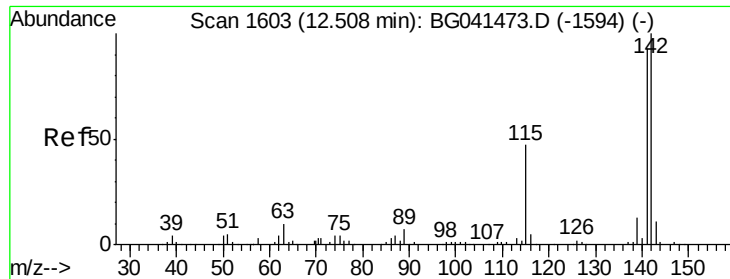
#36
 4-Chloro-3-methylphenol
 Concen: 19.977 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

Tgt Ion:107 Resp: 44679
 Ion Ratio Lower Upper
 107 100
 144 23.9 18.6 27.8
 142 75.6 56.5 84.7



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

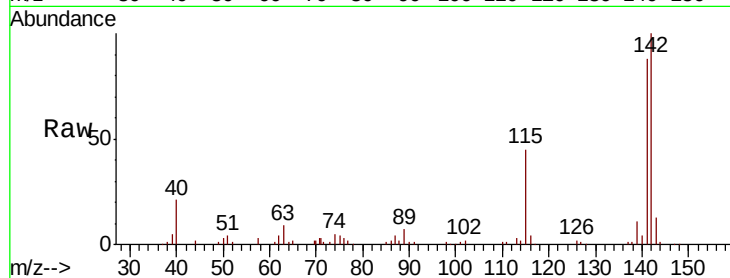




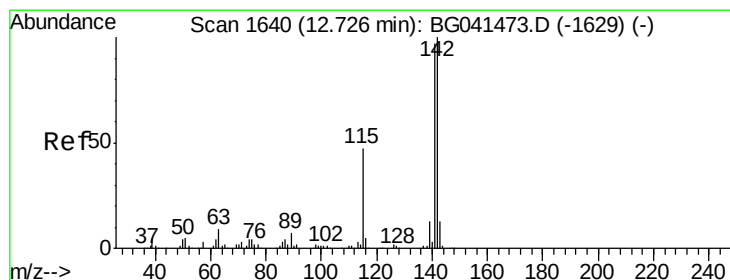
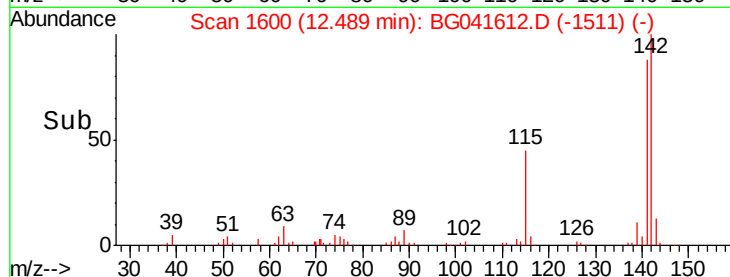
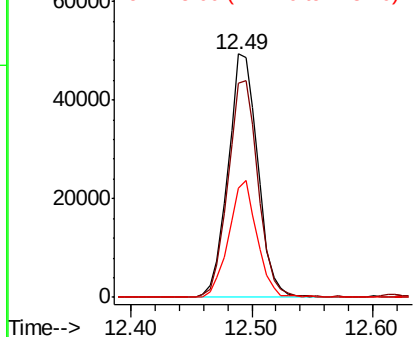
#37
2-Methylnaphthalene
Concen: 18.960 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 84628
Ion Ratio Lower Upper
142 100
141 87.8 71.1 106.7
115 44.6 37.2 55.8

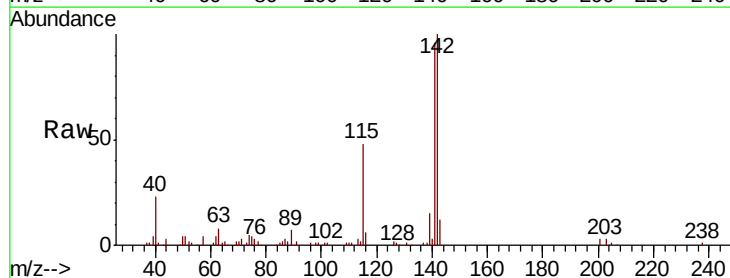


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

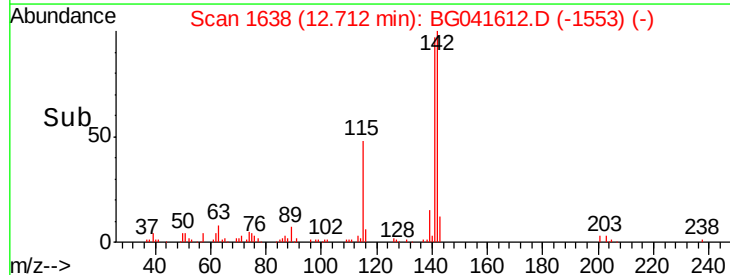
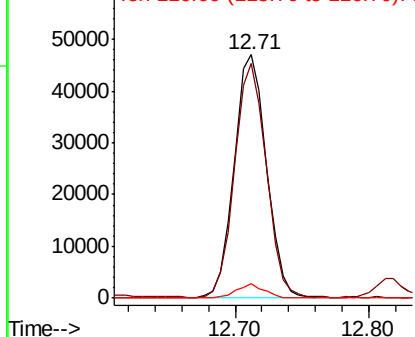


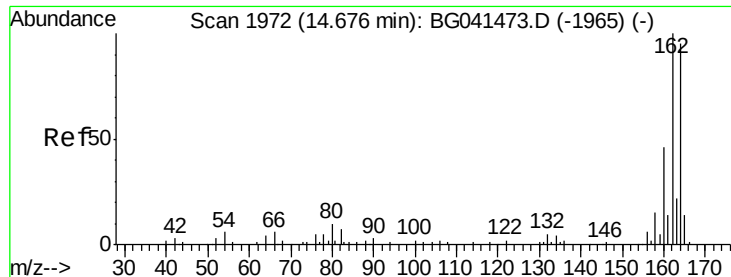
#38
1-Methylnaphthalene
Concen: 18.518 ng
RT: 12.71 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Tgt Ion:142 Resp: 78853
Ion Ratio Lower Upper
142 100
141 96.2 76.3 114.5
116 5.9 4.6 7.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

Instrument :

BNA_G

ClientSampleId :

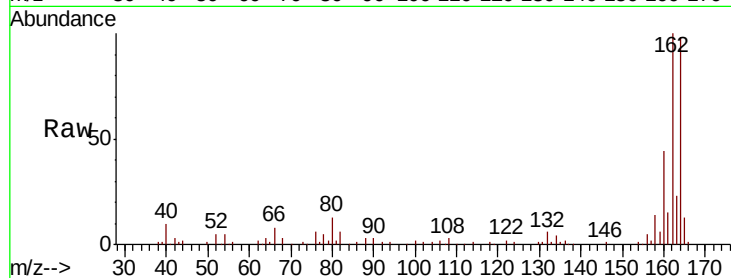
Tot Ion:164 Resp: 78705

Ion Ratio Lower Upper

164 100

162 101.7 83.0 124.4

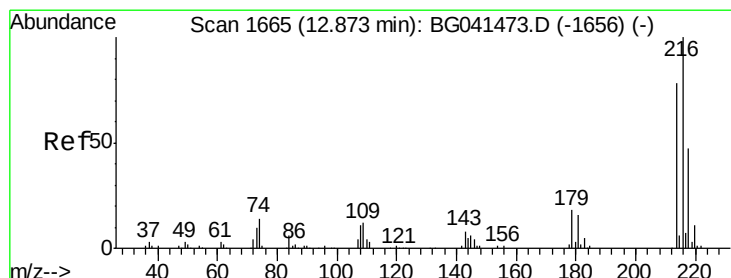
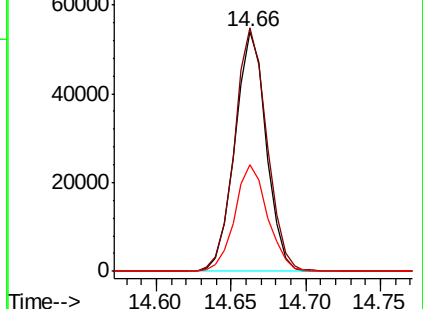
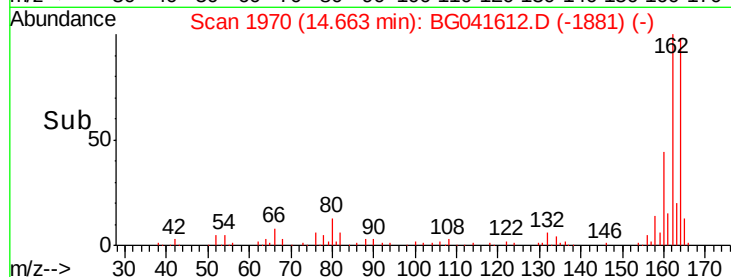
160 44.4 34.2 51.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 18.788 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

Tgt Ion:216 Resp: 65112

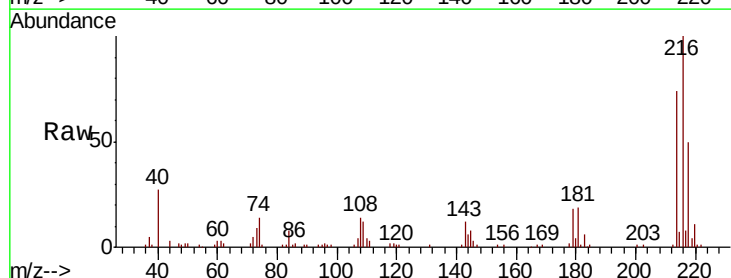
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.6

179 18.8 15.0 22.6

108 13.1 11.0 16.4

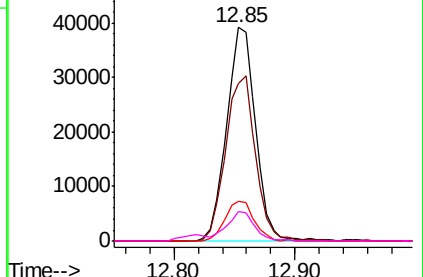
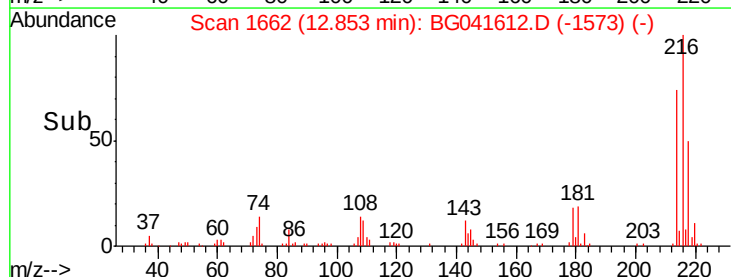


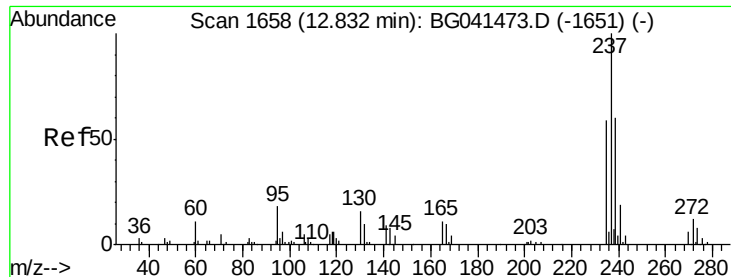
Abundance Ion 216.00 (215.70 to 216.70): E

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: 31.603 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

Instrument :

BNA_G

ClientSampled :

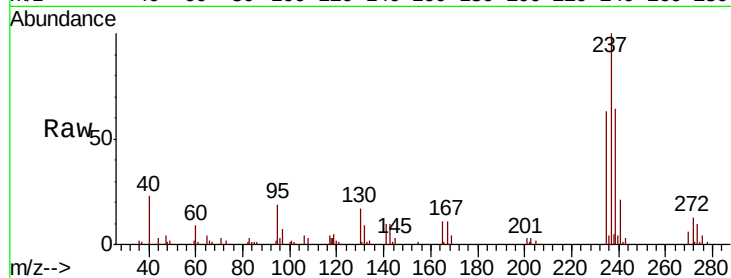
Tot Ion:237 Resp: 55078

Ion Ratio Lower Upper

237 100

235 63.2 43.7 83.7

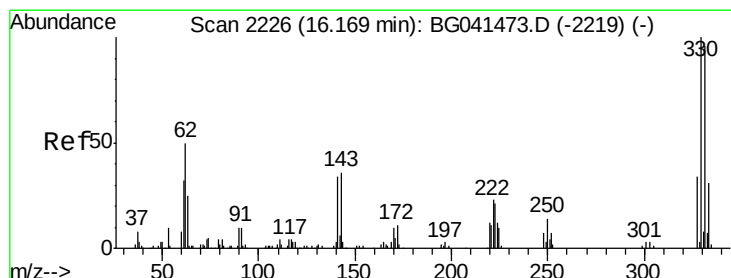
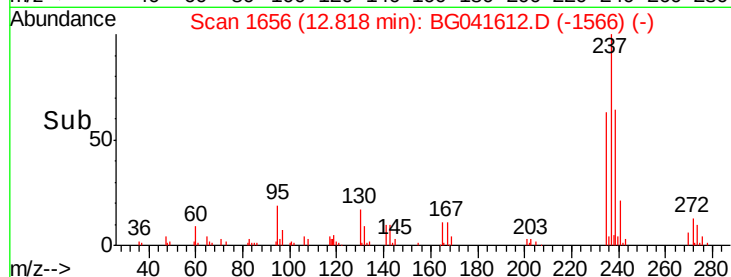
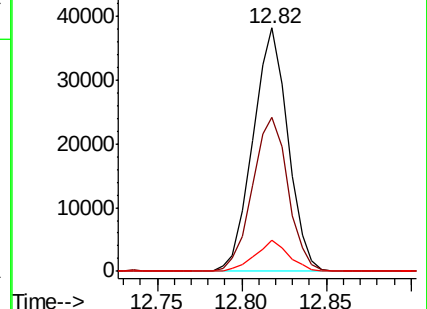
272 12.9 0.0 31.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 68.717 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

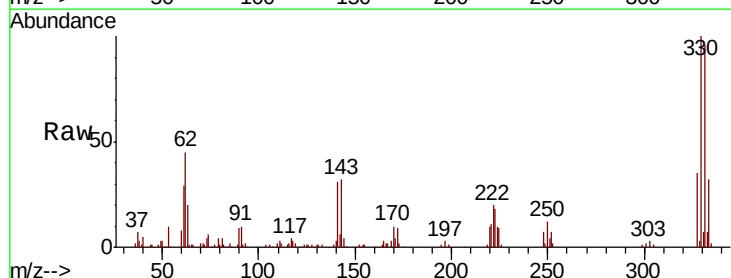
Tgt Ion:330 Resp: 92345

Ion Ratio Lower Upper

330 100

332 93.8 76.9 115.3

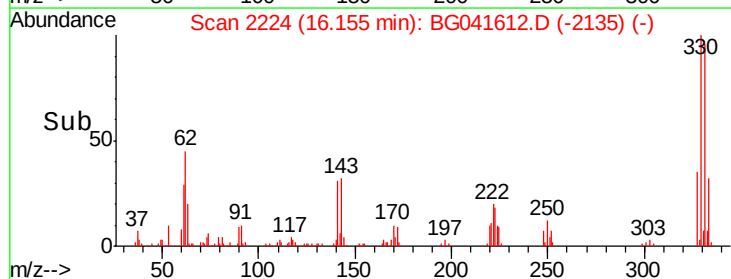
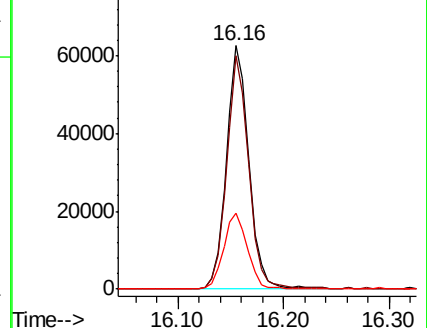
141 32.8 28.4 42.6

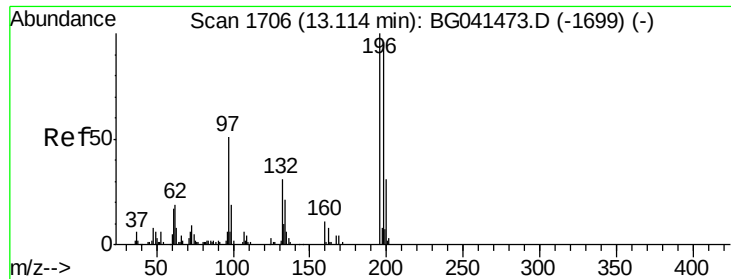


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

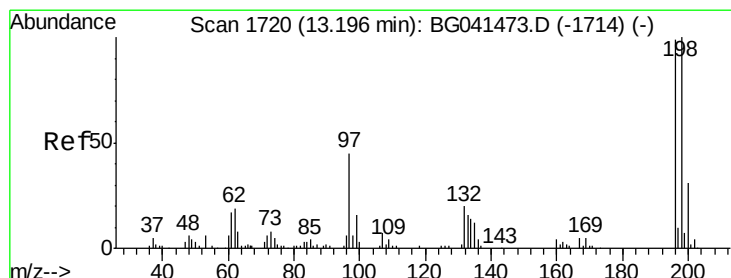
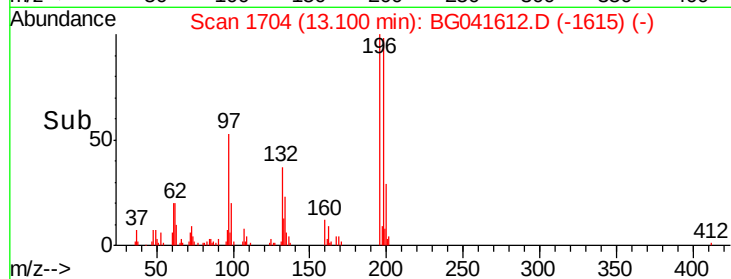
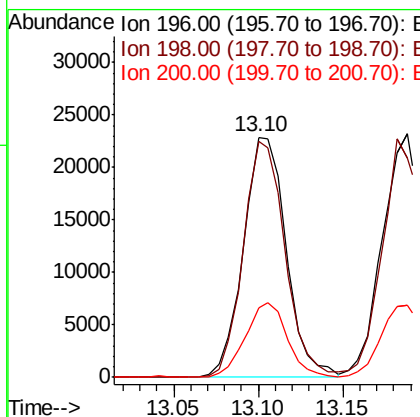
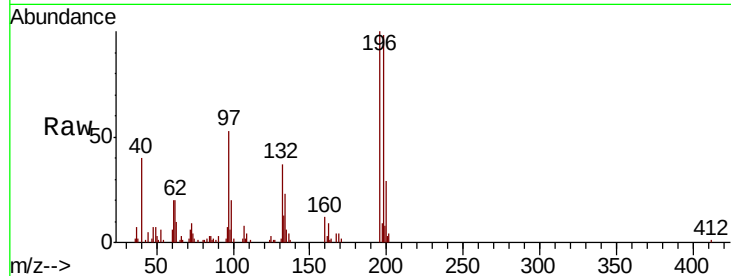




#43
 2,4,6-Trichlorophenol
 Concen: 19.613 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

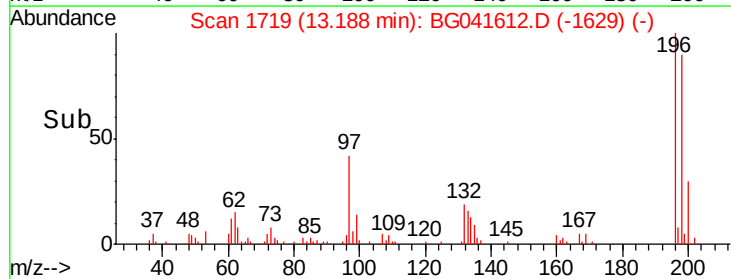
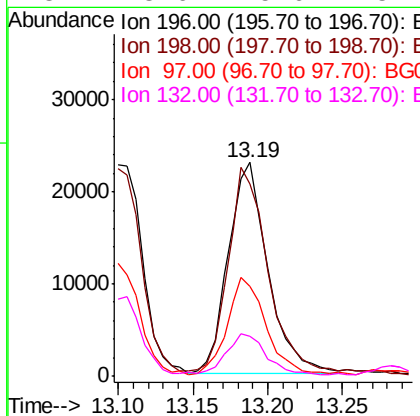
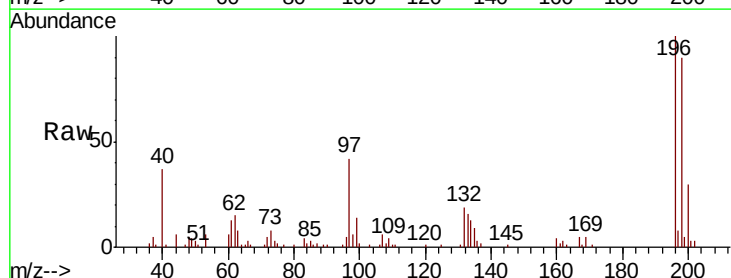
Instrument :
 BNA_G
 ClientSampleId :

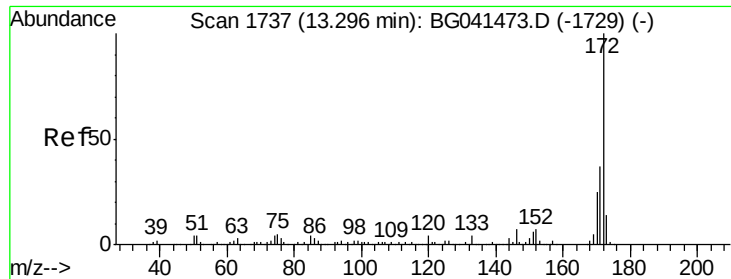
Tot Ion	196	Resp	40328
Ion Ratio	Lower	Upper	
196	100		
198	98.5	79.8	119.8
200	32.0	26.2	39.4



#44
 2,4,5-Trichlorophenol
 Concen: 20.816 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

Tgt Ion	196	Resp	42642
Ion Ratio	Lower	Upper	
196	100		
198	90.0	75.6	113.4
97	41.9	30.3	45.5
132	18.6	15.6	23.4

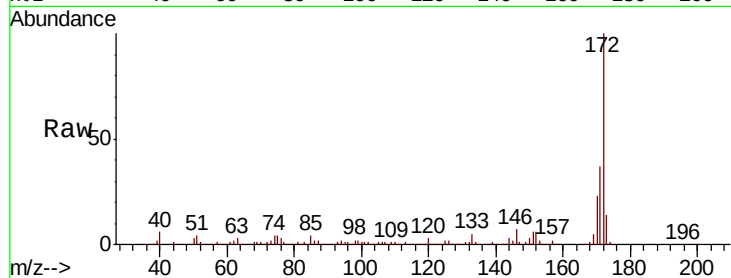




#45
2-Fluorobiphenyl
Concen: 39.451 ng
RT: 13.28 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.9	46.3
170	23.1	20.0	30.0

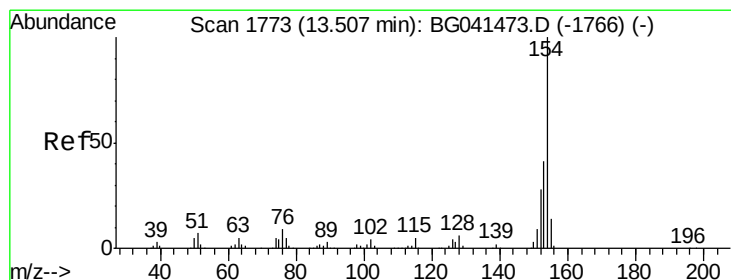
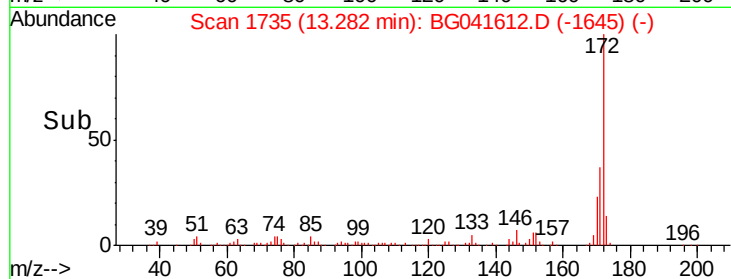
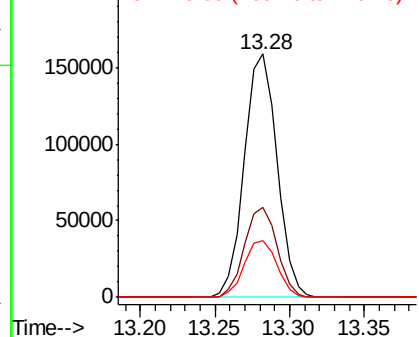


Abundance

Ion 172.00 (171.70 to 172.70): E

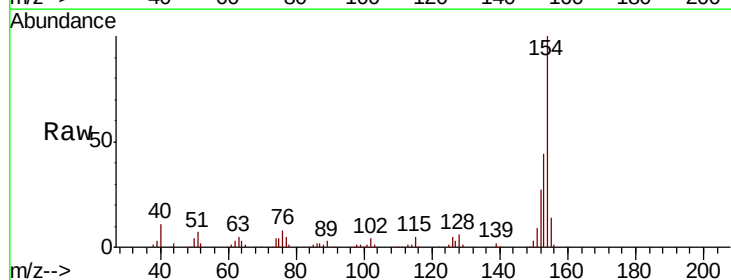
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 18.466 ng
RT: 13.49 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.8	21.4	61.4
76	8.3	0.0	29.5

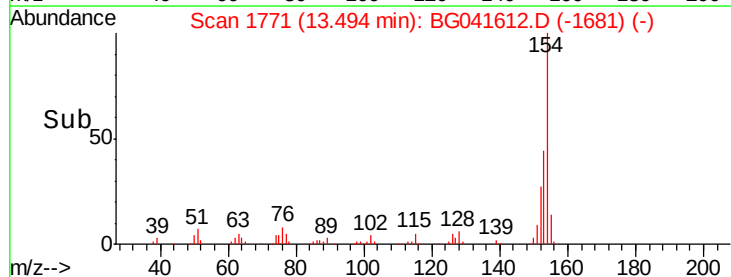
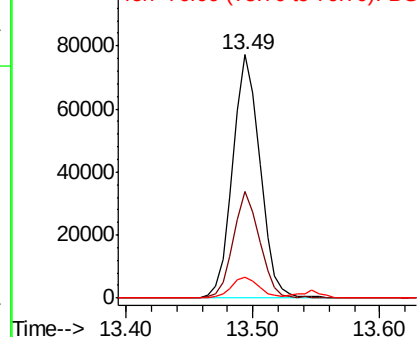


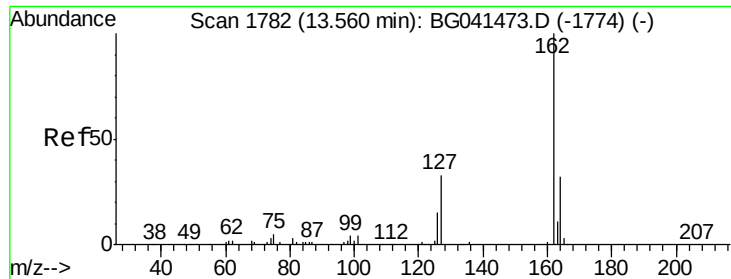
Abundance

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): BG

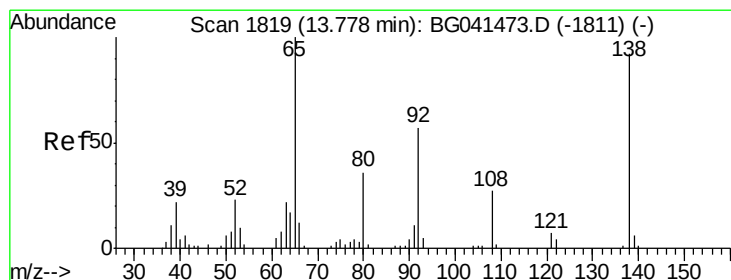
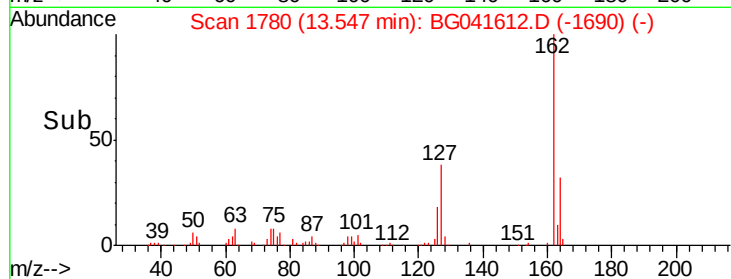
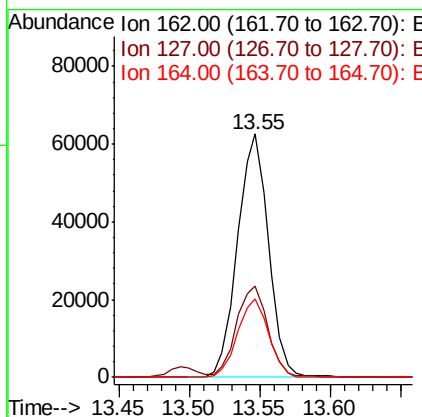
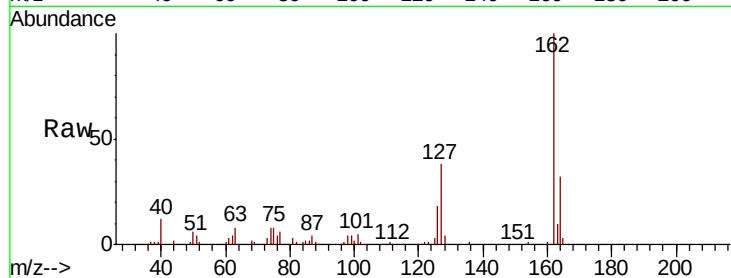




#47
 2-Chloronaphthalene
 Concen: 18.010 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. 0.00 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

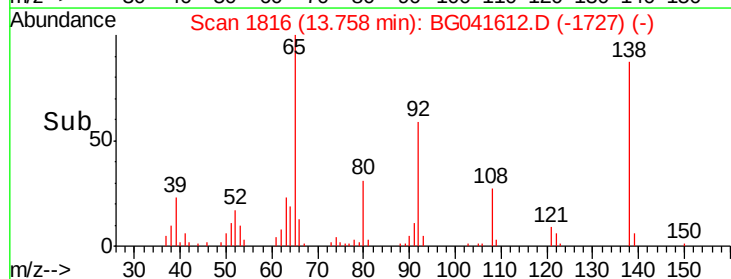
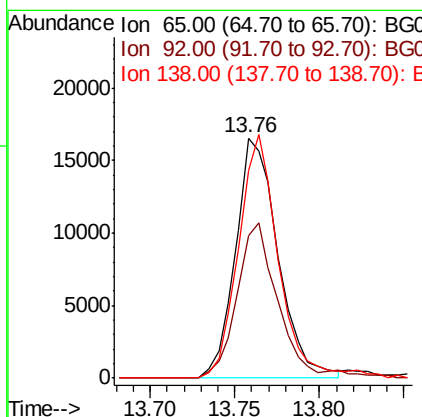
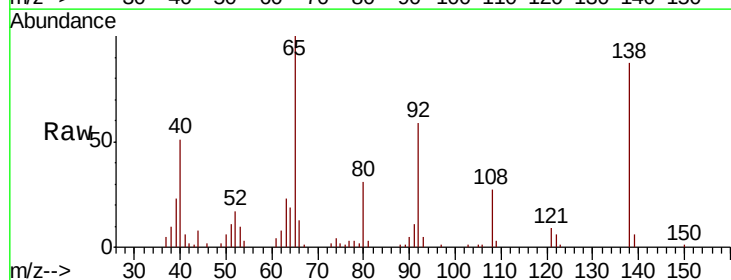
Instrument :
 BNA_G
 ClientSampleId :

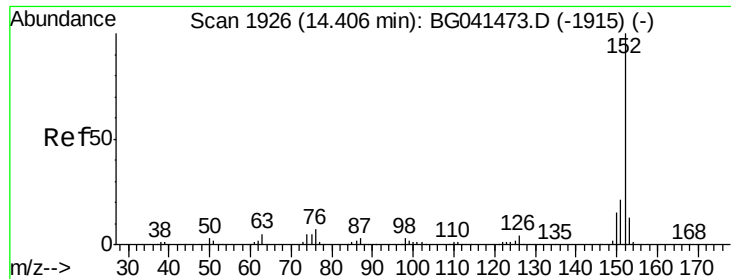
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.3	45.5
164	32.3	25.9	38.9



#48
 2-Nitroaniline
 Concen: 15.991 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.5	53.3	79.9
138	86.5	77.0	115.4





#49

Acenaphthylene

Concen: 18.812 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

Instrument :

BNA_G

ClientSampleId :

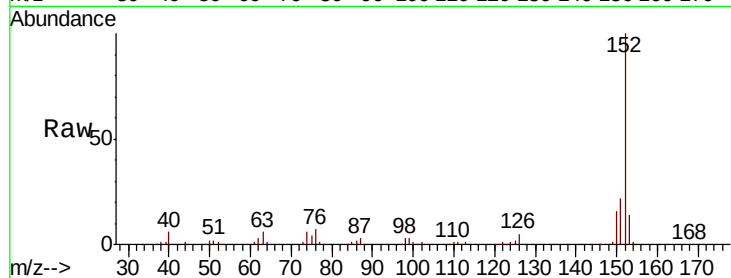
Tot Ion:152 Resp: 149979

Ion Ratio Lower Upper

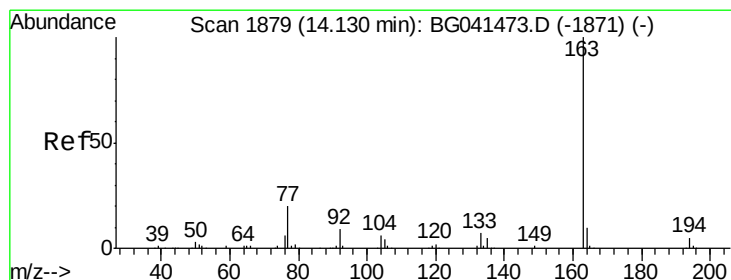
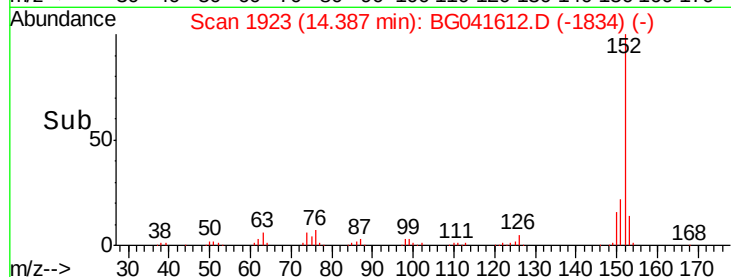
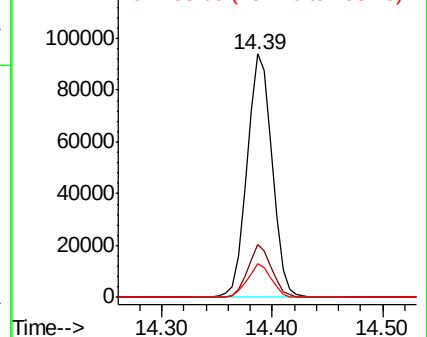
152 100

151 21.5 17.3 25.9

153 13.9 11.2 16.8



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: 21.639 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

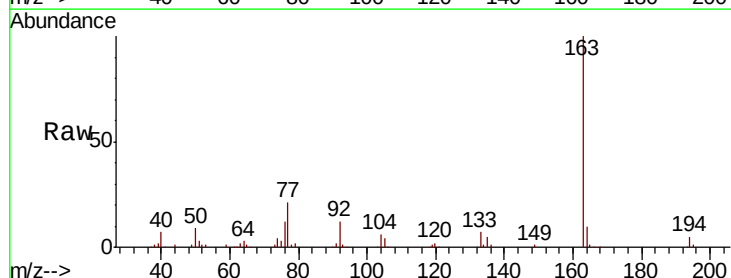
Tgt Ion:163 Resp: 154986

Ion Ratio Lower Upper

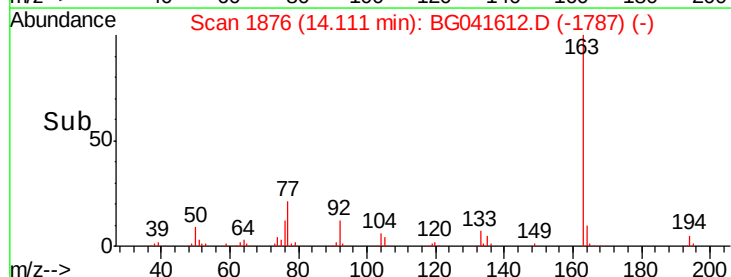
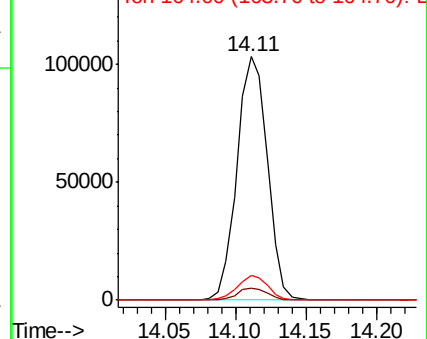
163 100

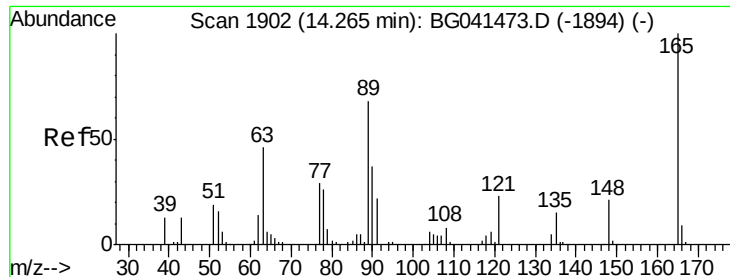
194 4.7 3.9 5.9

164 10.1 8.0 12.0



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

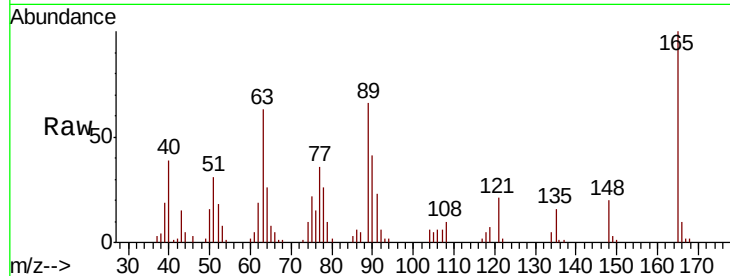




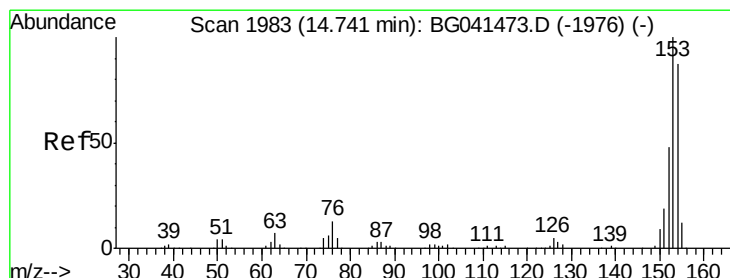
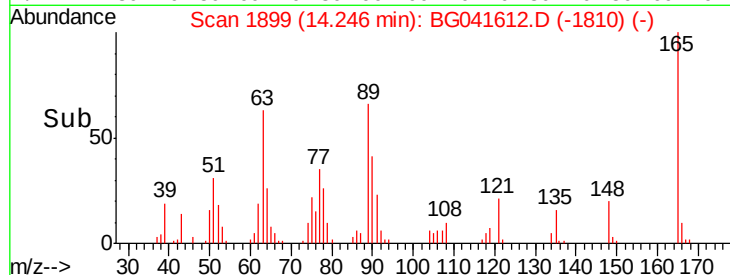
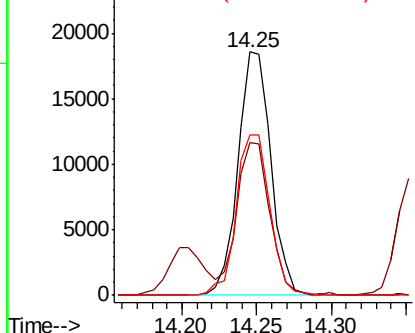
#51
 2,6-Dinitrotoluene
 Concen: 18.664 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 28369
 Ion Ratio Lower Upper
 165 100
 63 62.7 53.4 80.0
 89 66.1 53.2 79.8

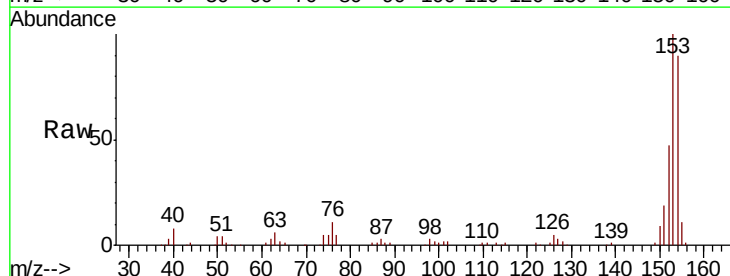


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

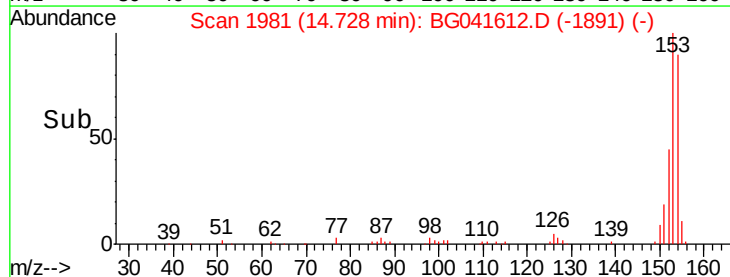
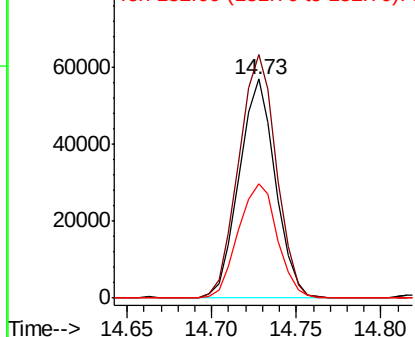


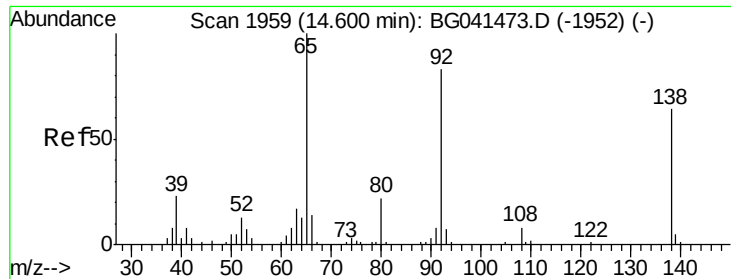
#52
 Acenaphthene
 Concen: 18.026 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

Tgt Ion:154 Resp: 85223
 Ion Ratio Lower Upper
 154 100
 153 111.2 92.8 139.2
 152 52.0 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 14.079 ng

RT: 14.59 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

Instrument :

BNA_G

ClientSampleId :

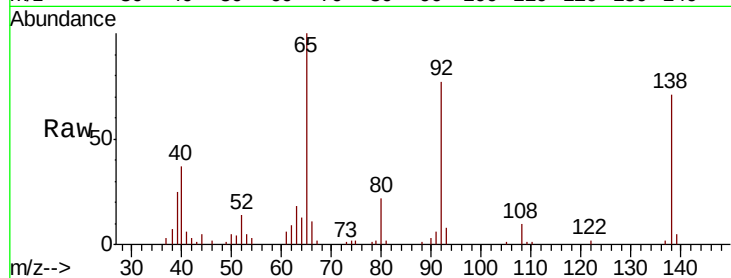
Tot Ion:138 Resp: 20429

Ion Ratio Lower Upper

138 100

108 13.8 8.0 12.0#

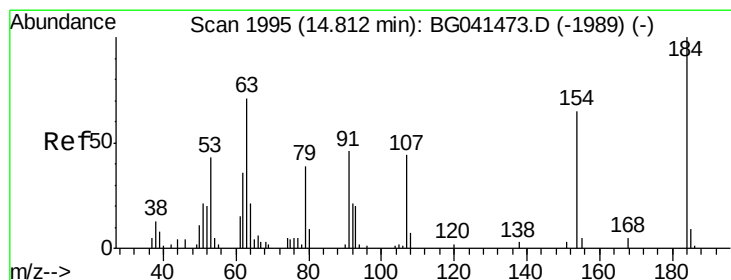
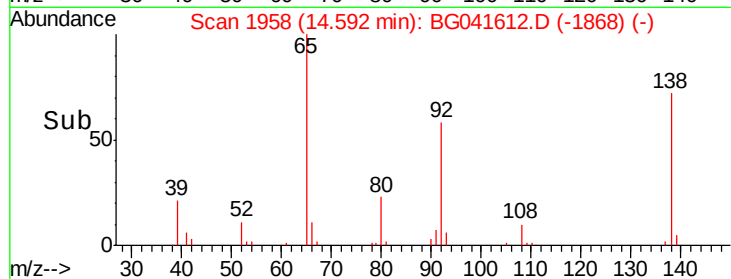
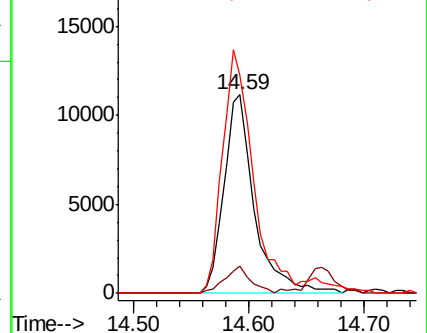
92 109.7 96.2 144.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 10.763 ng

RT: 14.83 min Scan# 1999

Delta R.T. 0.02 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

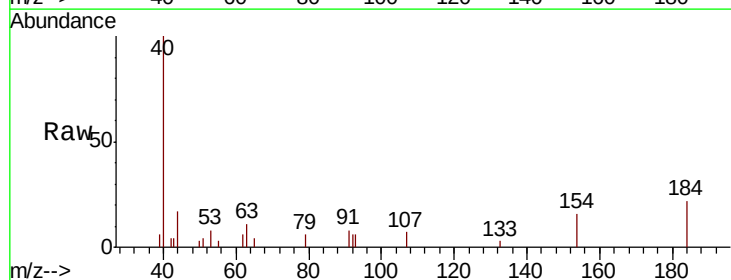
Tgt Ion:184 Resp: 3142

Ion Ratio Lower Upper

184 100

63 49.3 53.4 80.0#

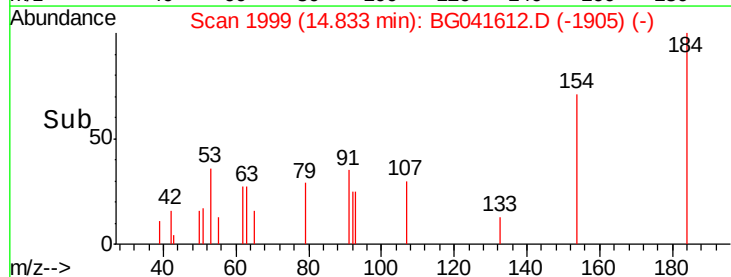
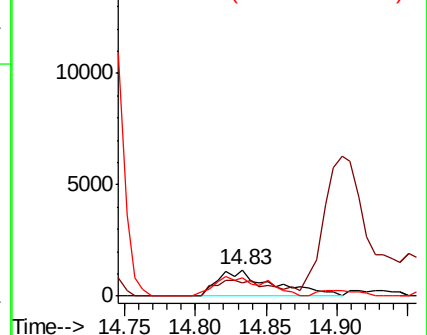
154 71.1 56.4 84.6

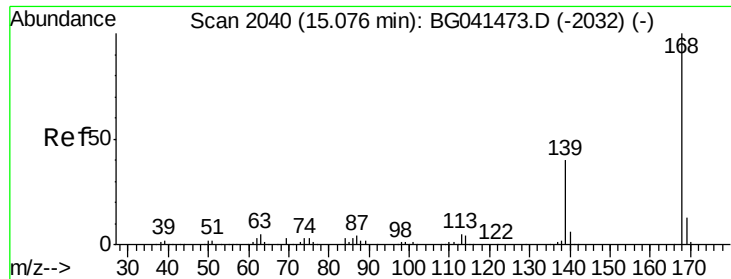


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

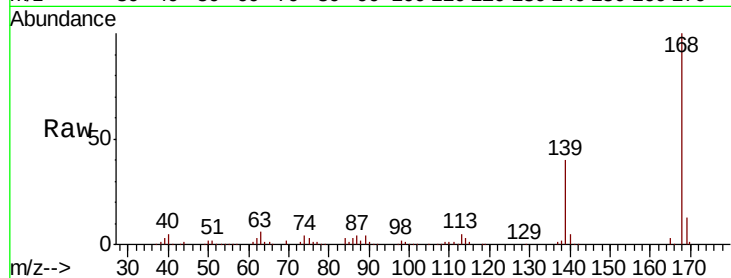




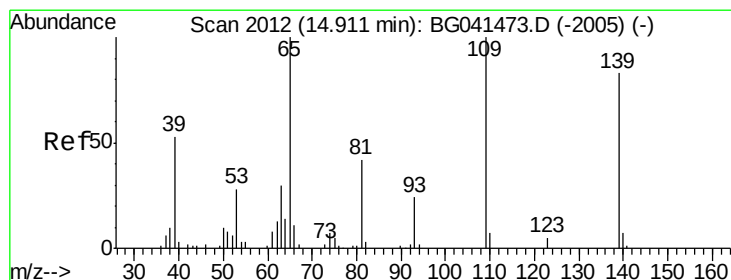
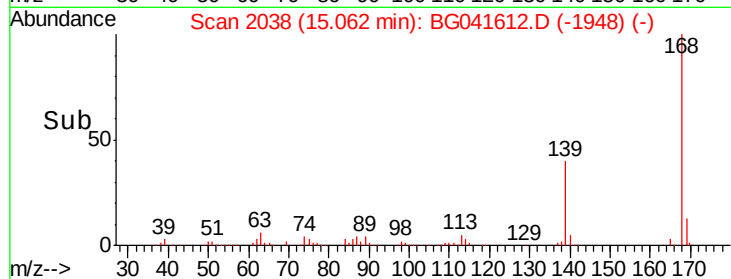
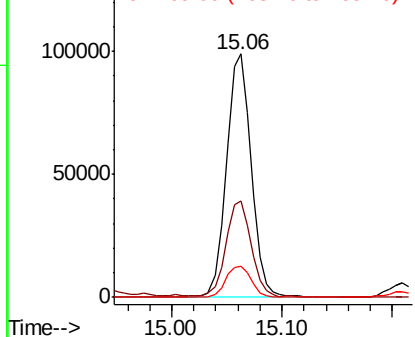
#55
Dibenzenofuran
Concen: 18.897 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 155536
Ion Ratio Lower Upper
168 100
139 39.6 32.4 48.6
169 12.6 10.4 15.6

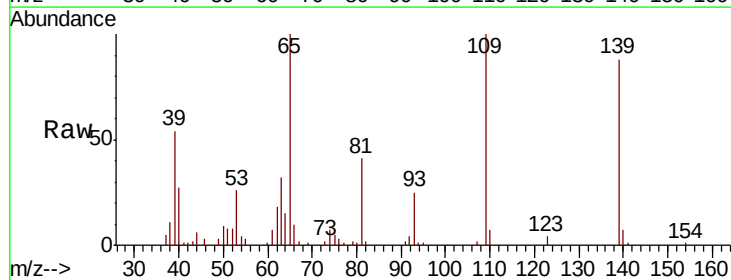


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

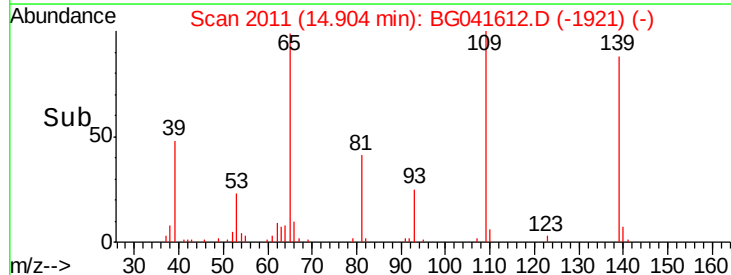
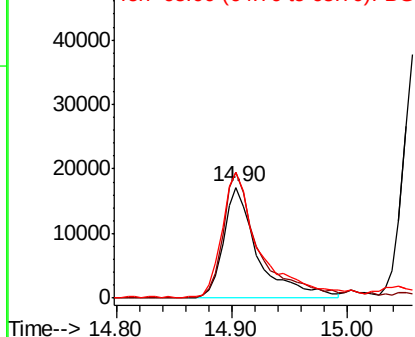


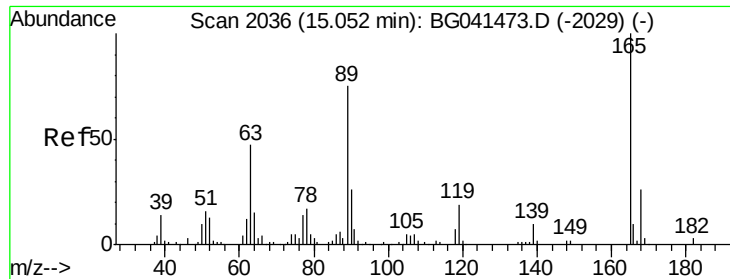
#56
4-Nitrophenol
Concen: 38.292 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Tgt Ion:139 Resp: 35858
Ion Ratio Lower Upper
139 100
109 113.9 106.2 146.2
65 113.7 104.6 144.6



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

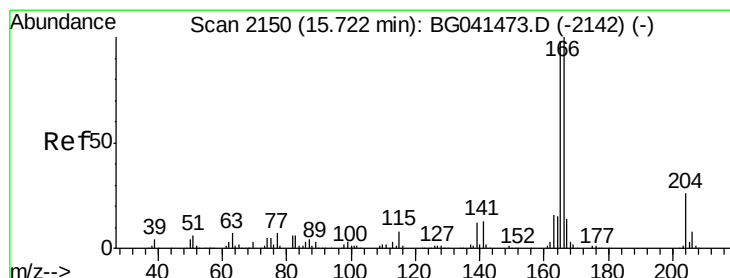
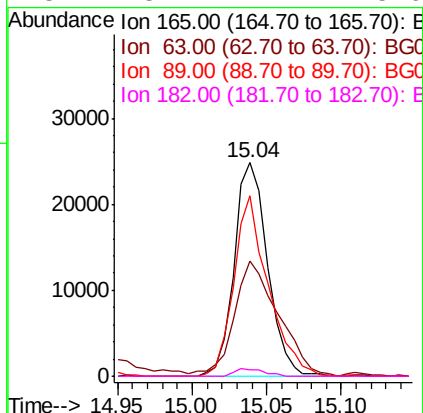
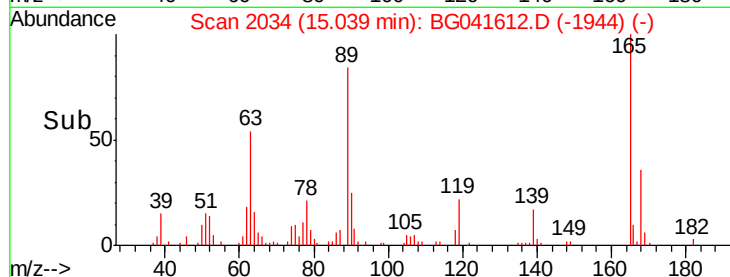
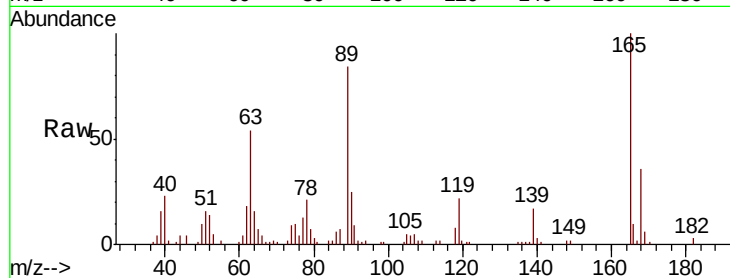




#57
2,4-Dinitrotoluene
Concen: 17.552 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

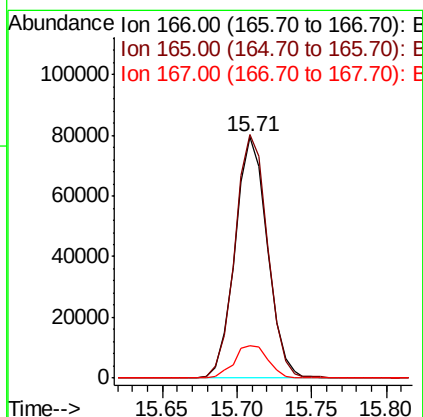
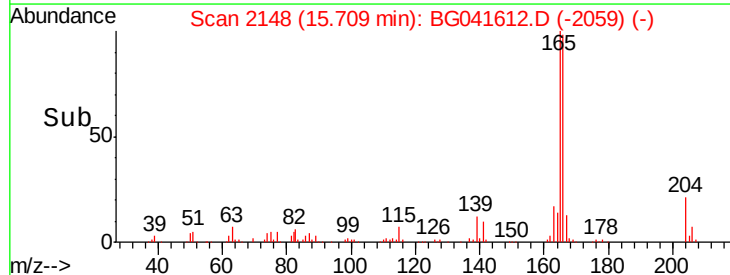
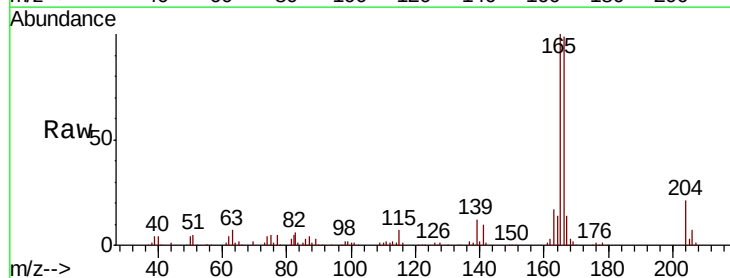
Instrument :
BNA_G
ClientSampleId :

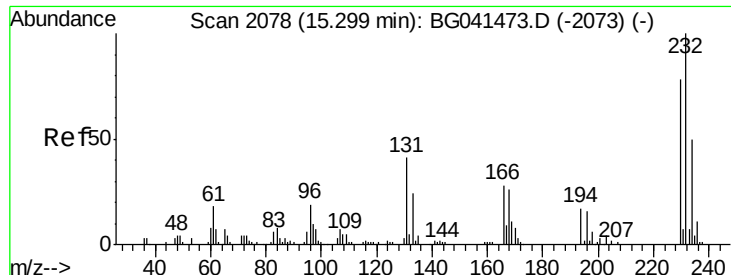
Tot Ion:165 Resp: 38702
Ion Ratio Lower Upper
165 100
63 53.8 40.6 60.8
89 84.3 62.2 93.2
182 3.2 2.4 3.6



#58
Fluorene
Concen: 18.271 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Tgt Ion:166 Resp: 119639
Ion Ratio Lower Upper
166 100
165 100.8 81.4 122.2
167 13.6 11.0 16.6

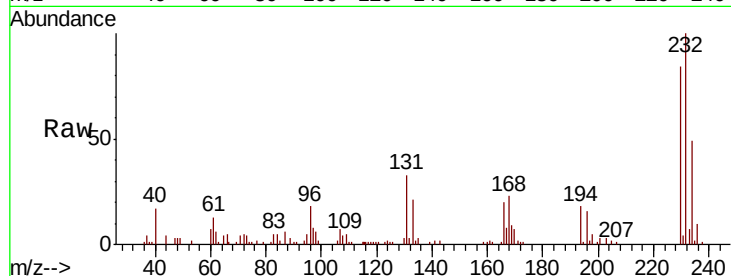




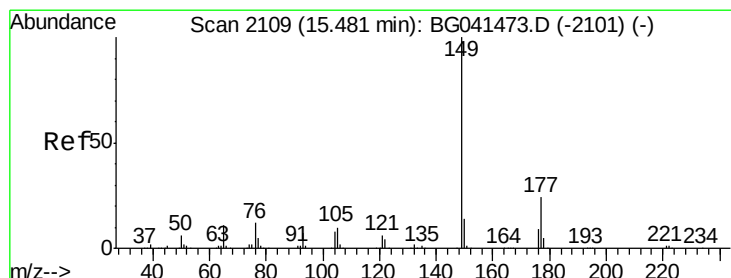
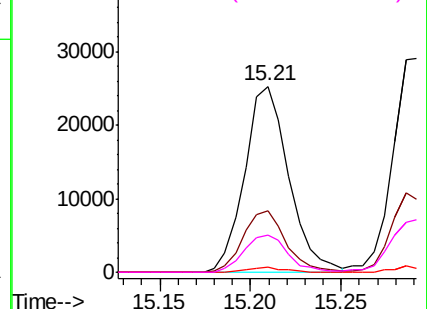
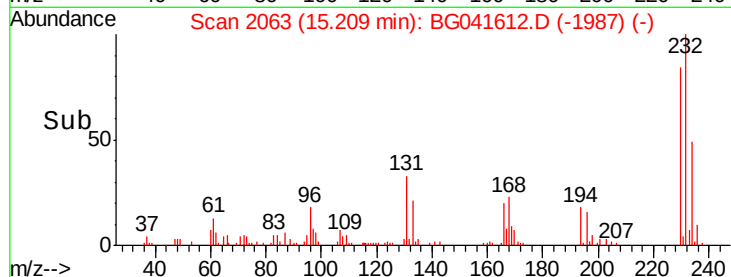
#59
2,3,4,6-Tetrachlorophenol
Concen: 19.813 ng
RT: 15.21 min Scan# 2063
Delta R.T. -0.08 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 42786
Ion Ratio Lower Upper
232 100
131 32.2 24.2 36.2
130 2.1 1.5 2.3
166 19.9 16.0 24.0

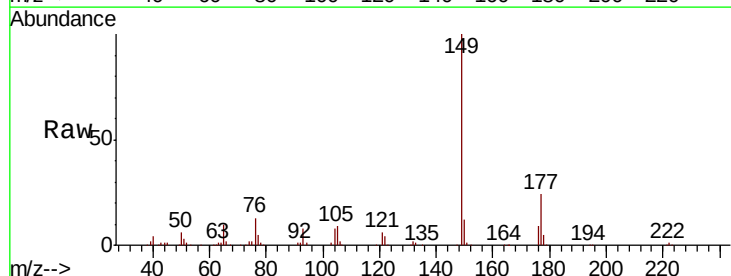


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

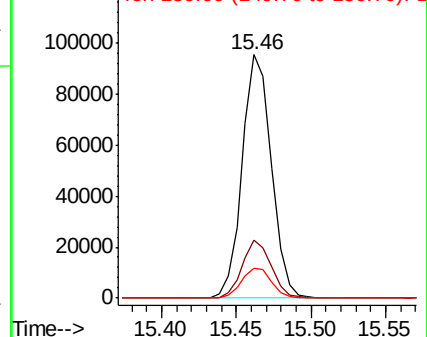
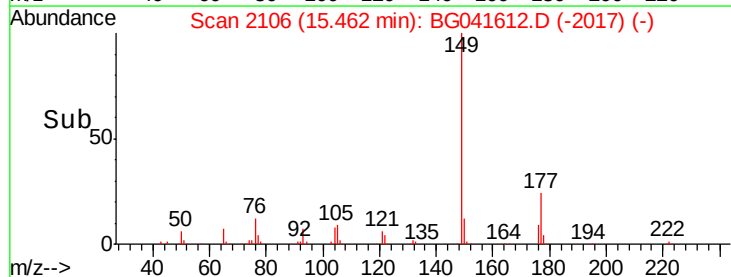


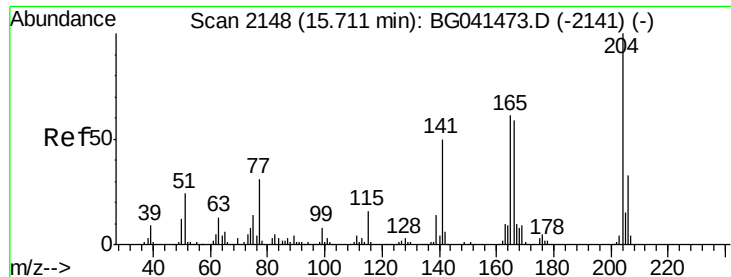
#60
Diethylphthalate
Concen: 17.669 ng
RT: 15.46 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Tgt Ion:149 Resp: 129537
Ion Ratio Lower Upper
149 100
177 23.9 19.0 28.6
150 12.0 9.4 14.2



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

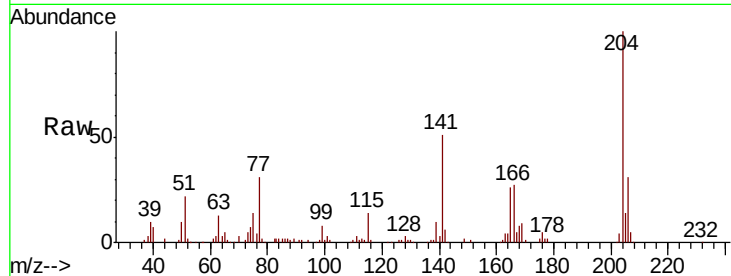




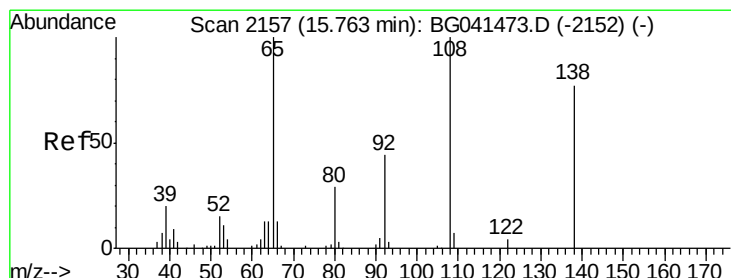
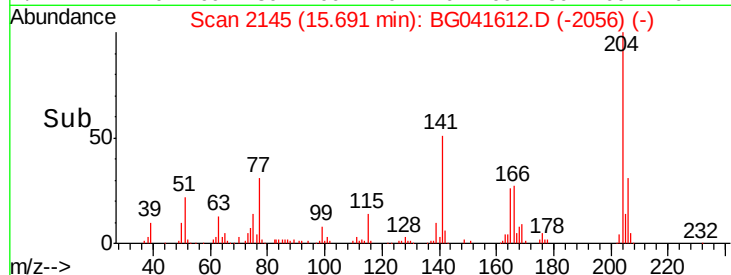
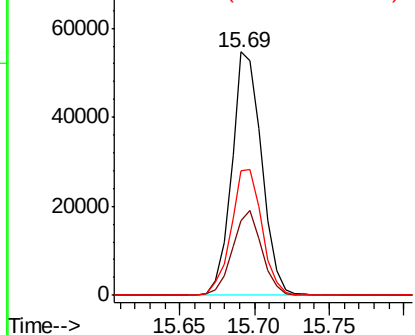
#61
4-Chlorophenyl-phenylether
Concen: 18.107 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 76473
Ion Ratio Lower Upper
204 100
206 30.6 26.6 39.8
141 51.3 41.8 62.6

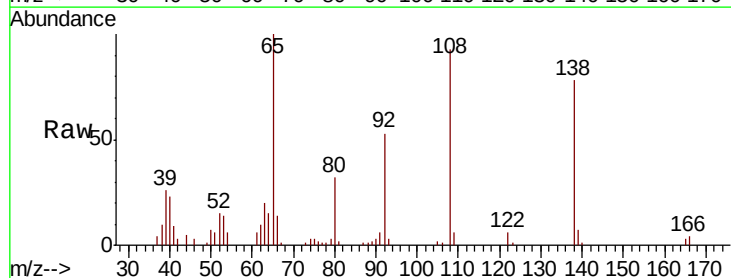


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

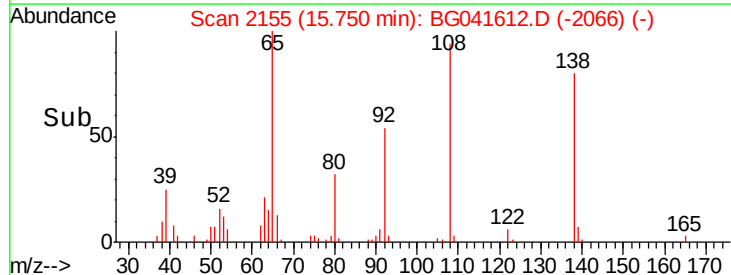
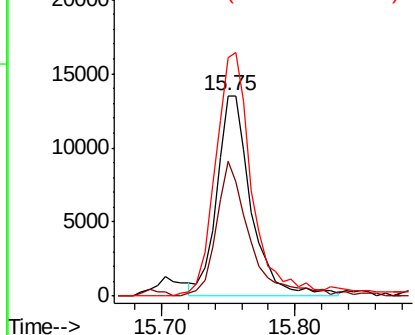


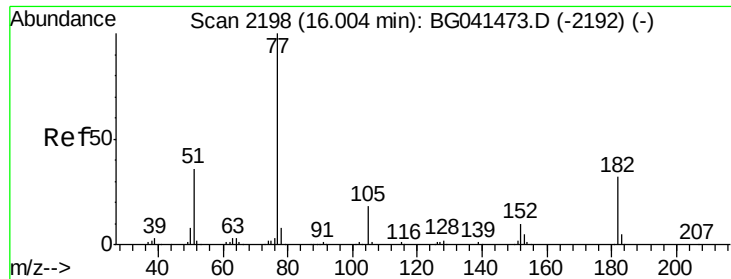
#62
4-Nitroaniline
Concen: 17.265 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Tgt Ion:138 Resp: 24415
Ion Ratio Lower Upper
138 100
92 67.1 33.3 73.3
108 119.1 102.2 142.2



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

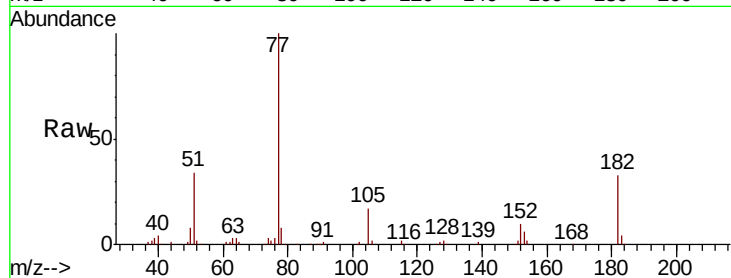




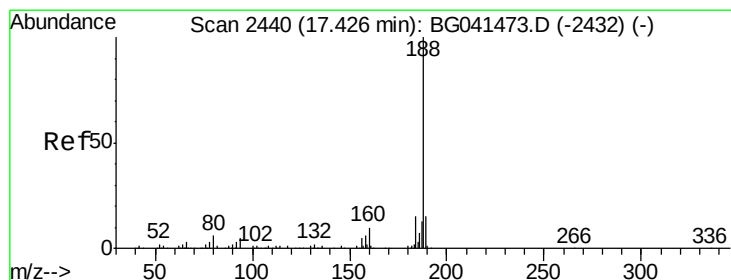
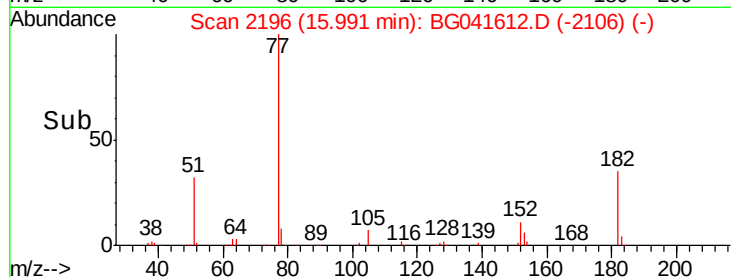
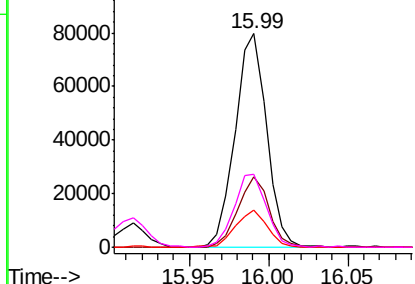
#63
Azobenzene
Concen: 17.835 ng
RT: 15.99 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	110240
Ion	Ratio	Lower	Upper
77	100		
182	32.8	11.6	51.6
105	17.4	0.0	37.6
51	34.0	16.1	56.1

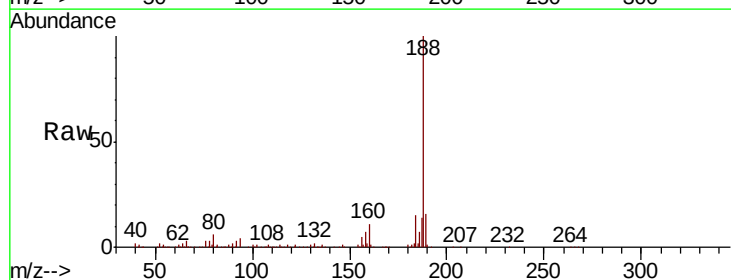


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

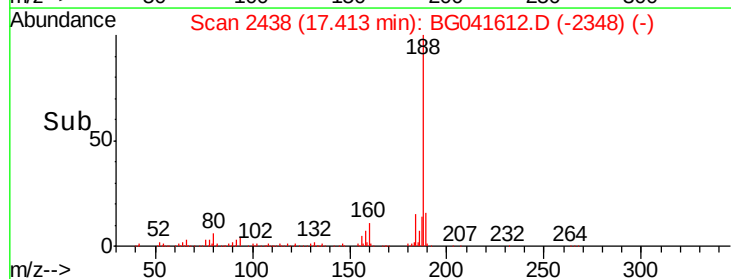
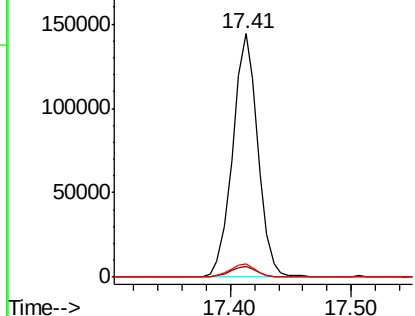


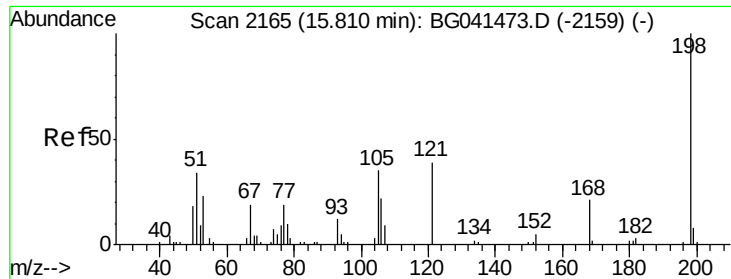
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Tgt Ion:	188	Resp:	208877
Ion	Ratio	Lower	Upper
188	100		
94	4.5	3.3	4.9
80	5.6	5.0	7.4



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

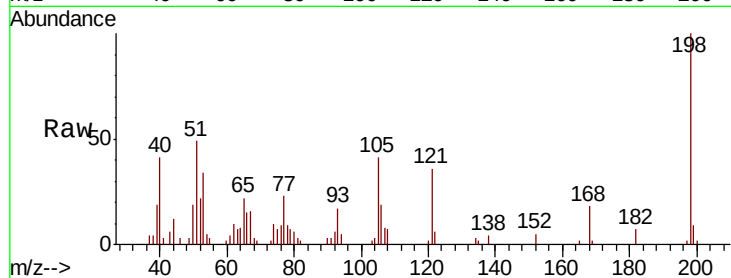




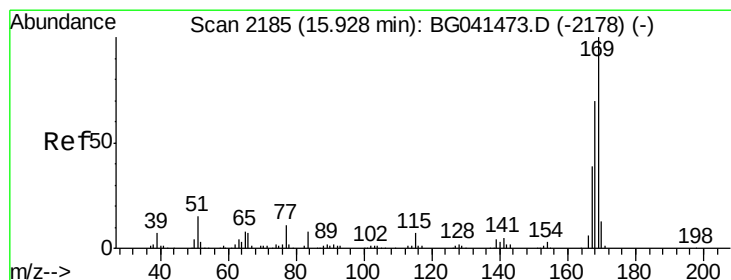
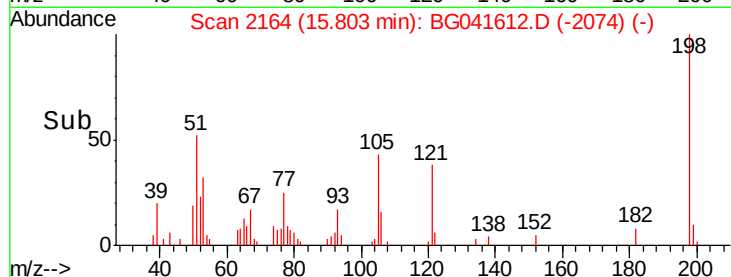
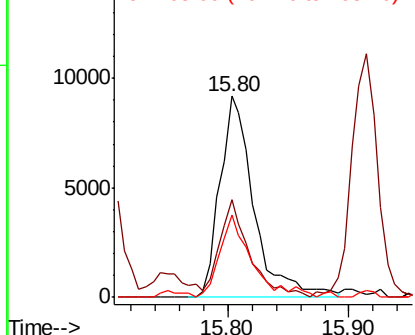
#65
 4,6-Dinitro-2-methylphenol
 Concen: 13.820 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 17878
 Ion Ratio Lower Upper
 198 100
 51 49.0 22.2 62.2
 105 40.9 16.2 56.2

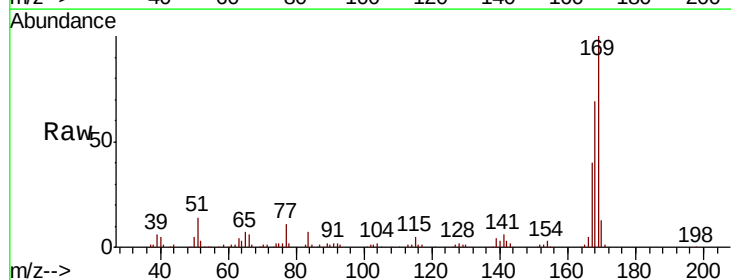


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

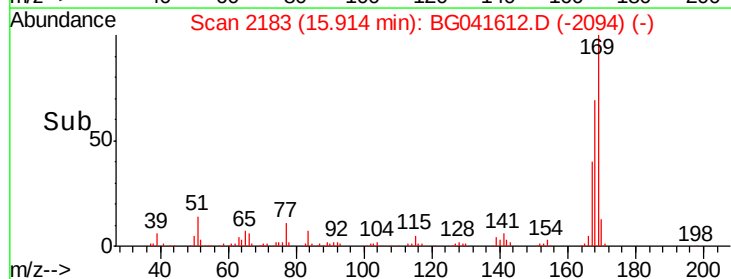
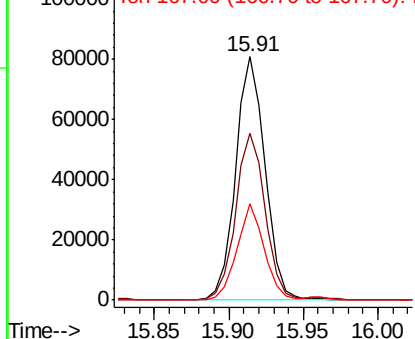


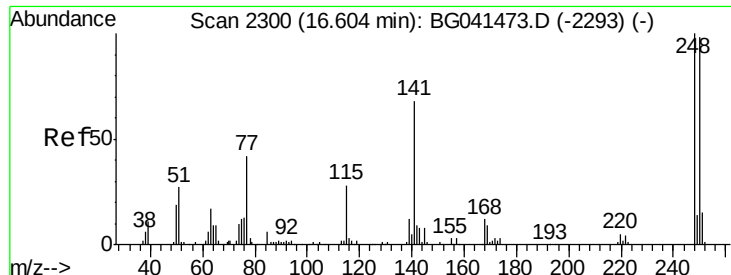
#66
 n-Nitrosodiphenylamine
 Concen: 19.235 ng
 RT: 15.91 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

Tgt Ion:169 Resp: 110577
 Ion Ratio Lower Upper
 169 100
 168 68.6 57.7 86.5
 167 39.6 30.6 46.0



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

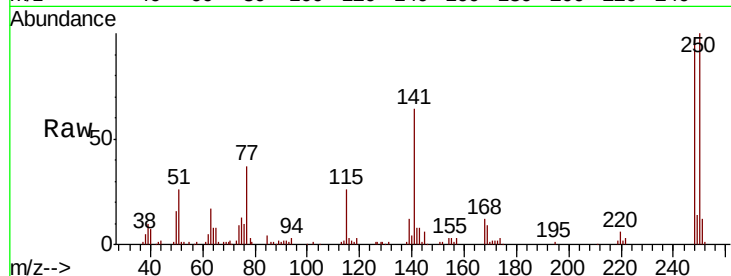




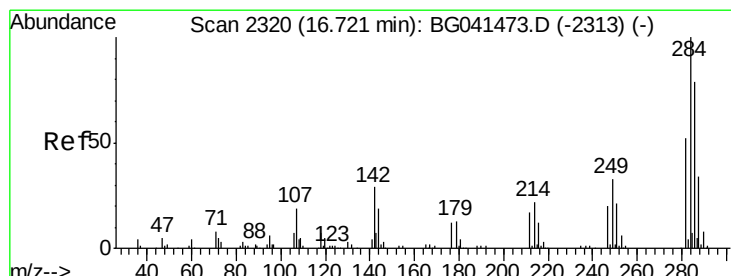
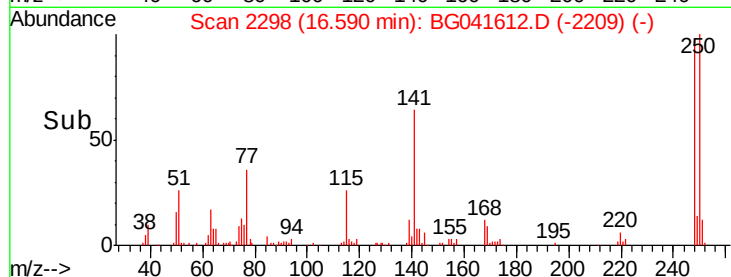
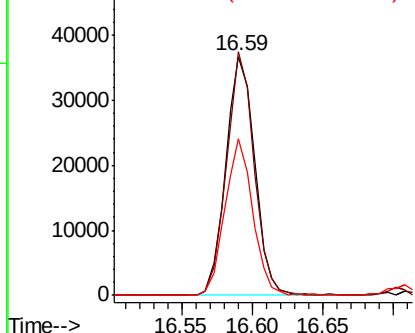
#67
 4-Bromophenyl-phenylether
 Concen: 18.275 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 52164
 Ion Ratio Lower Upper
 248 100
 250 102.1 79.3 118.9
 141 65.4 51.0 76.6

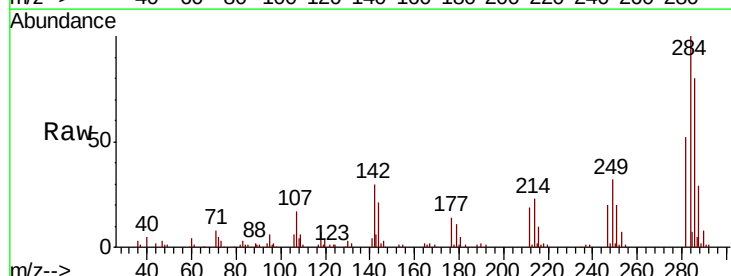


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

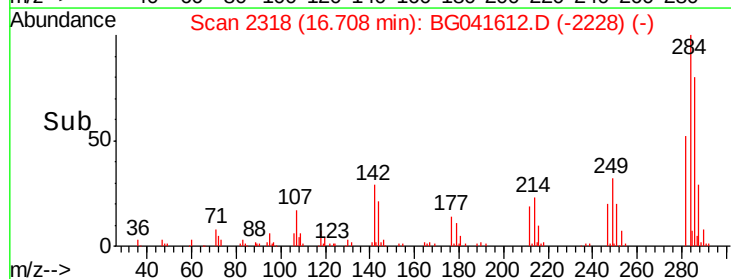
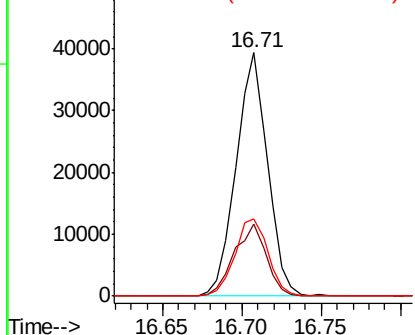


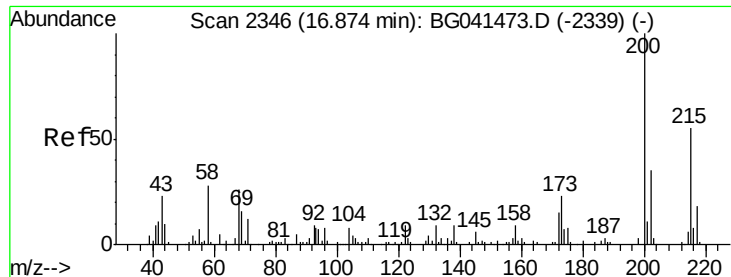
#68
 Hexachlorobenzene
 Concen: 17.538 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. 0.00 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

Tgt Ion:284 Resp: 53938
 Ion Ratio Lower Upper
 284 100
 142 29.6 22.9 34.3
 249 31.8 26.0 39.0



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: 20.035 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

Instrument :

BNA_G

ClientSampleId :

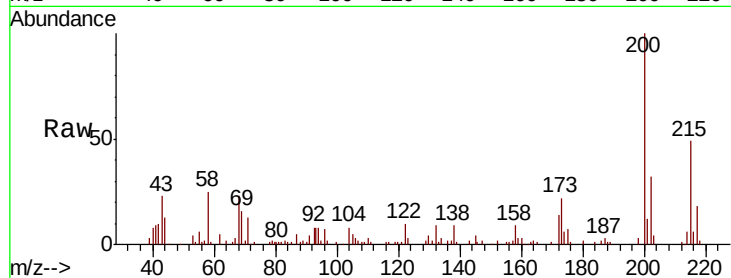
Tot Ion:200 Resp: 48752

Ion Ratio Lower Upper

200 100

173 21.8 0.8 40.8

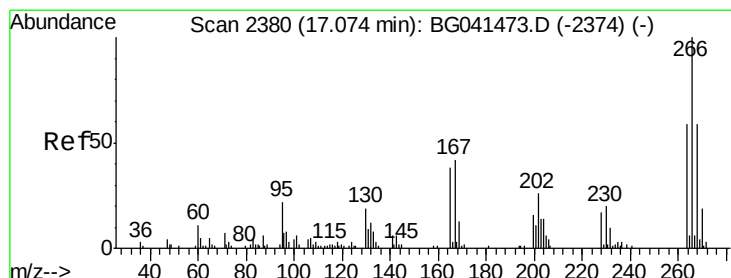
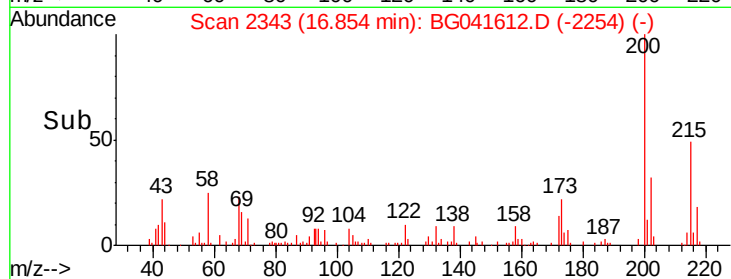
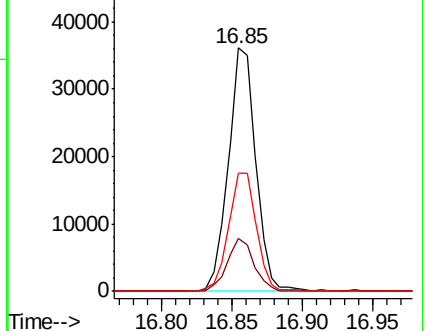
215 48.6 31.9 71.9



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: 30.799 ng

RT: 17.07 min Scan# 2379

Delta R.T. 0.00 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

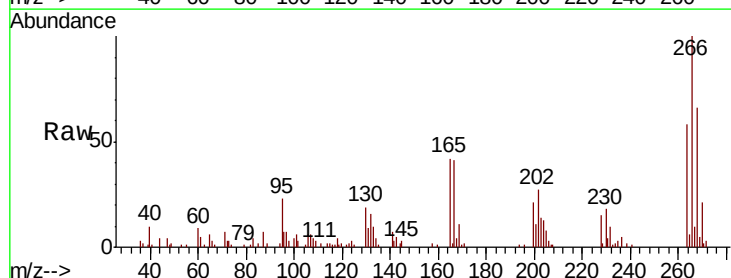
Tgt Ion:266 Resp: 42919

Ion Ratio Lower Upper

266 100

268 66.1 56.9 85.3

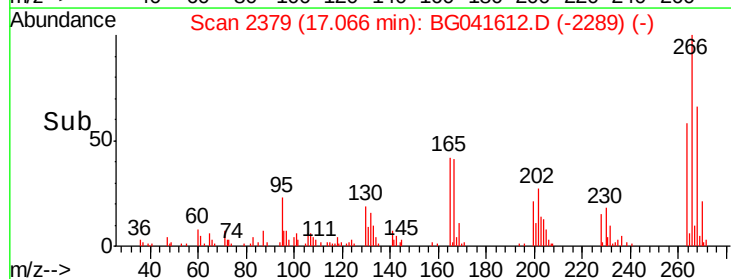
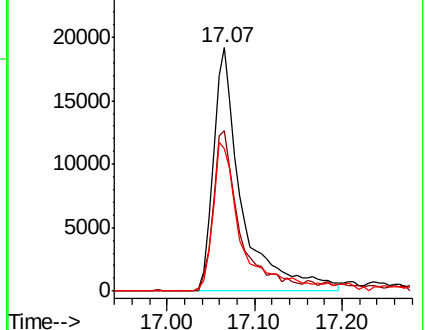
264 64.5 54.8 82.2

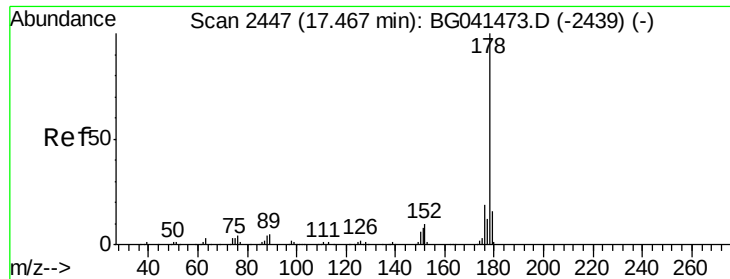


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

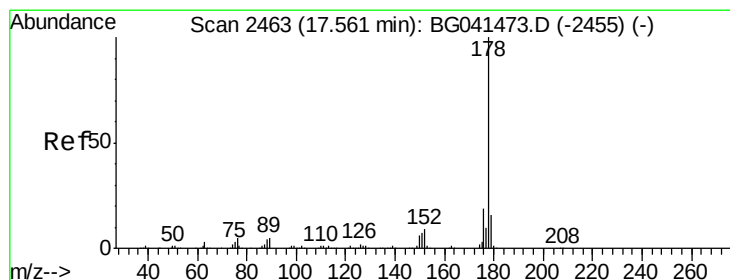
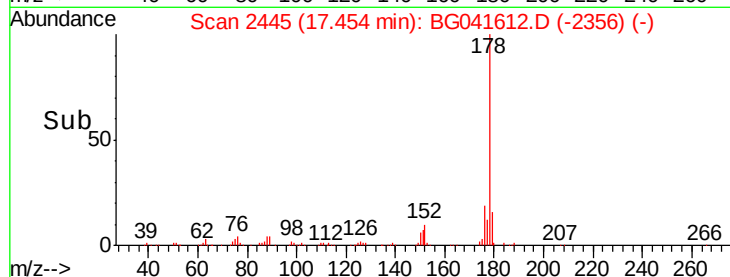
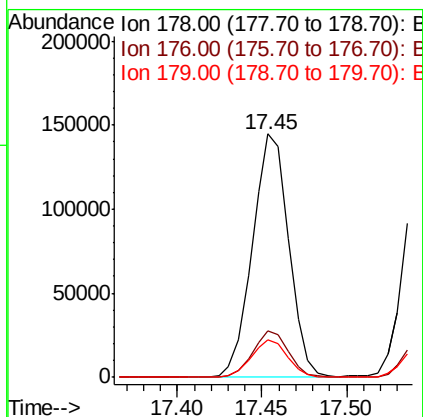
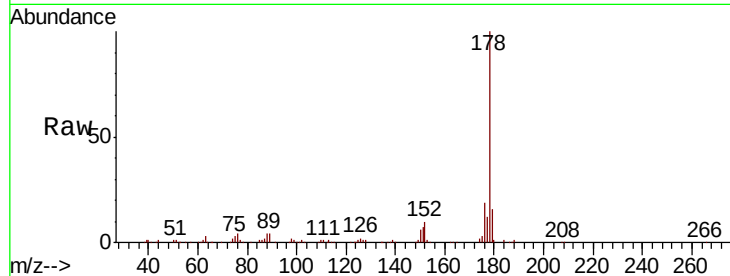




#71
Phenanthrene
Concen: 18.815 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

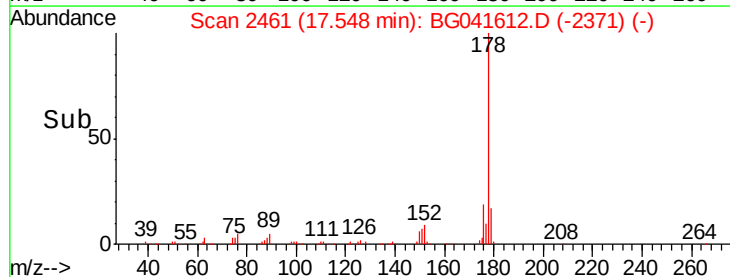
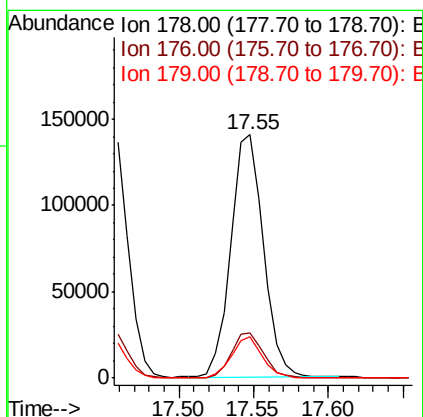
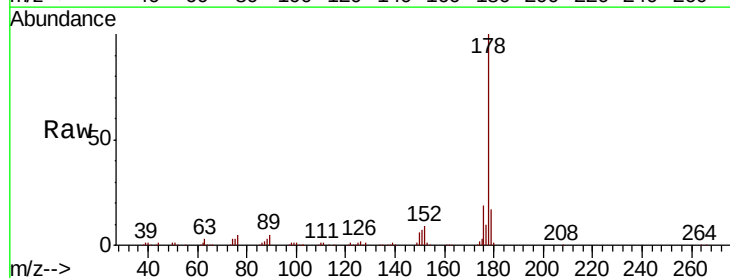
Instrument :
BNA_G
ClientSampleId :

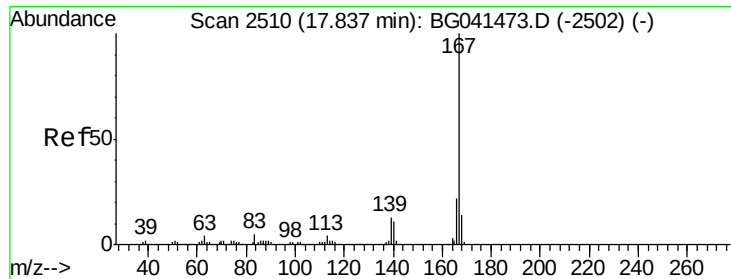
Tot Ion:178 Resp: 216532
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 15.5 13.0 19.6



#72
Anthracene
Concen: 18.624 ng
RT: 17.55 min Scan# 2461
Delta R.T. 0.00 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Tgt Ion:178 Resp: 214455
Ion Ratio Lower Upper
178 100
176 18.5 14.2 21.2
179 16.9 12.7 19.1

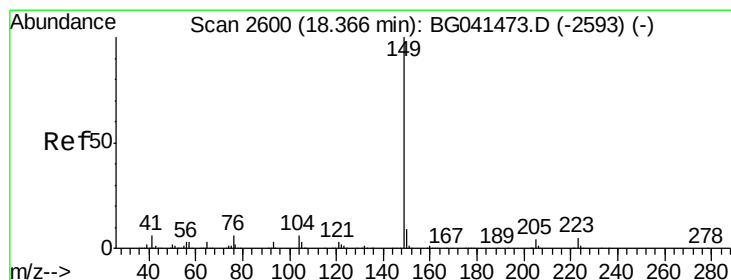
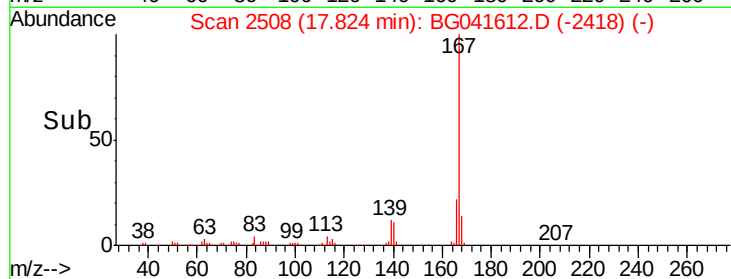
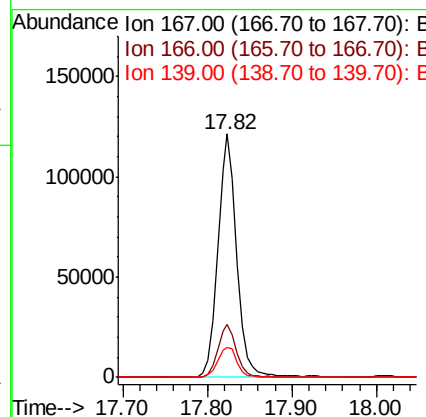
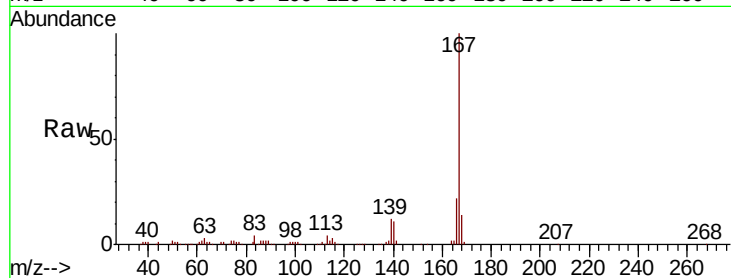




#73
 Carbazole
 Concen: 19.518 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

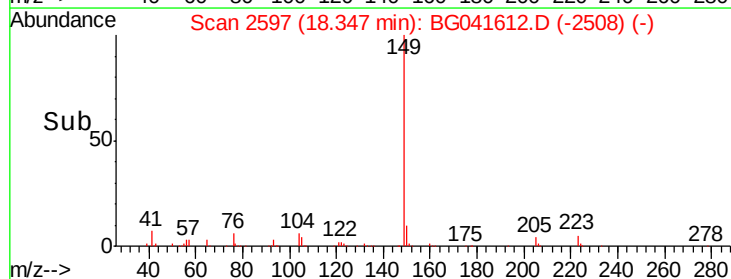
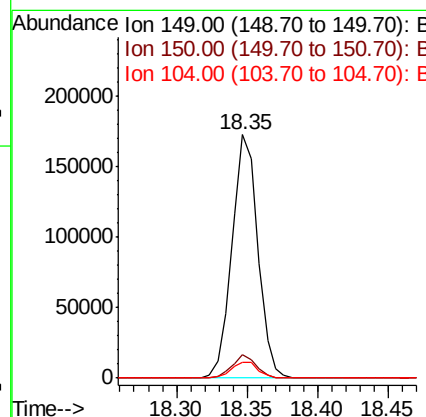
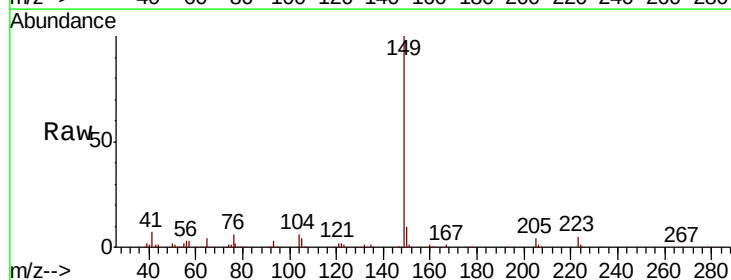
Instrument :
 BNA_G
 ClientSampleId :

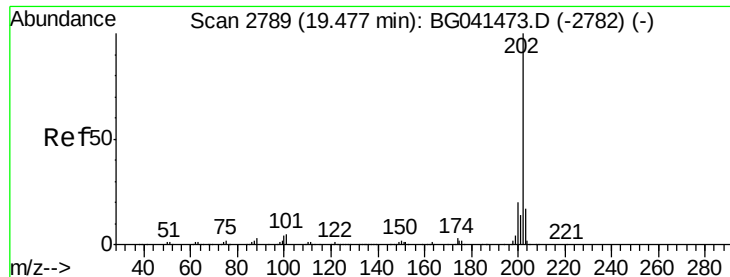
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	12.0	10.3	15.5



#74
 Di-n-butylphthalate
 Concen: 17.859 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.1	10.7
104	6.4	5.4	8.0





#75

Fluoranthene

Concen: 19.852 ng

RT: 19.46 min Scan# 2787

Delta R.T. 0.00 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

Instrument :

BNA_G

ClientSampleId :

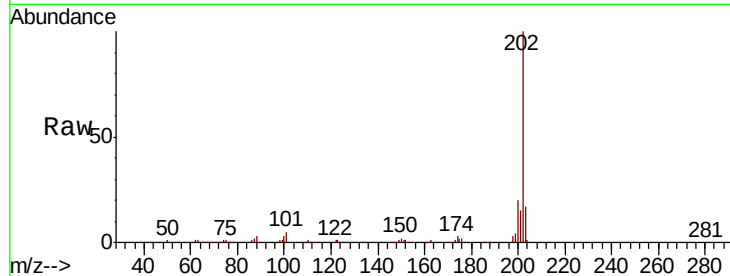
Tot Ion:202 Resp: 304599

Ion Ratio Lower Upper

202 100

101 4.9 0.0 24.6

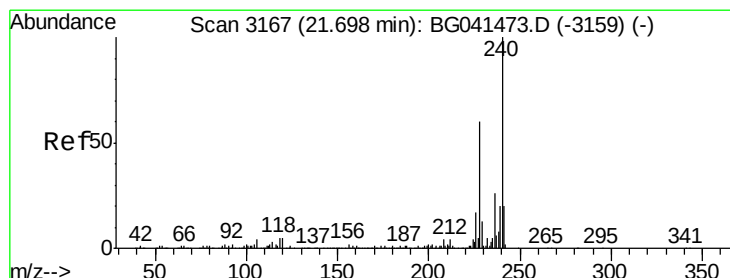
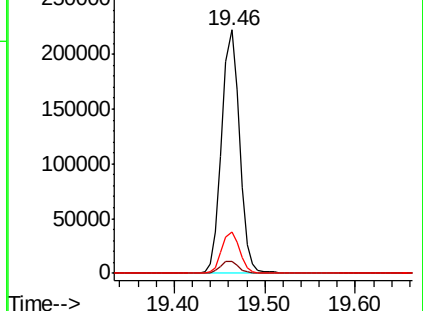
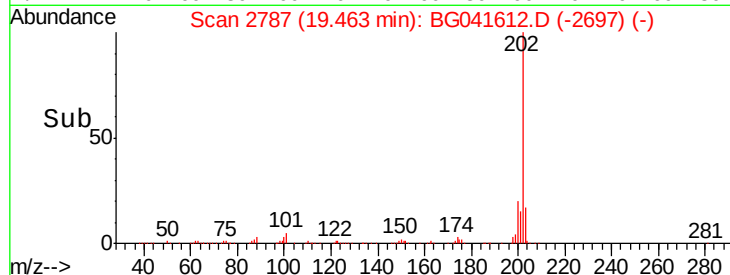
203 17.1 0.0 39.2



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: 21.68 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

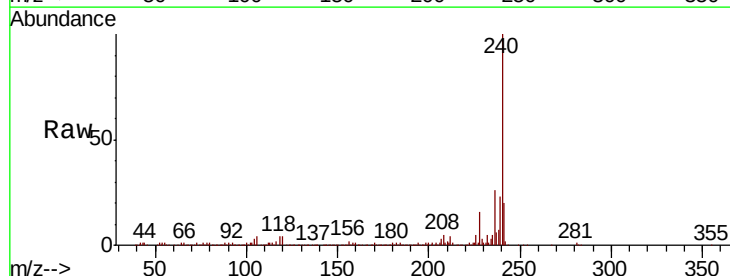
Tgt Ion:240 Resp: 232993

Ion Ratio Lower Upper

240 100

120 4.4 3.9 5.9

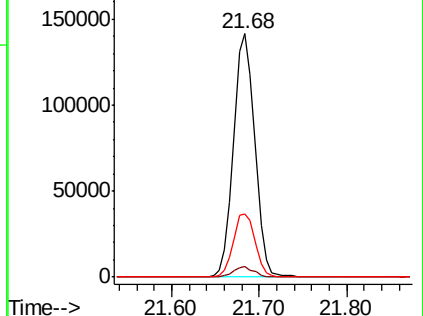
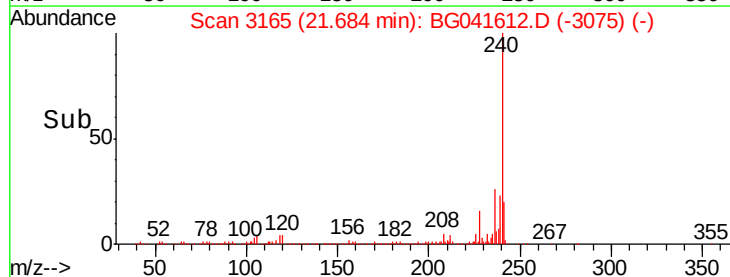
236 26.0 20.6 30.8

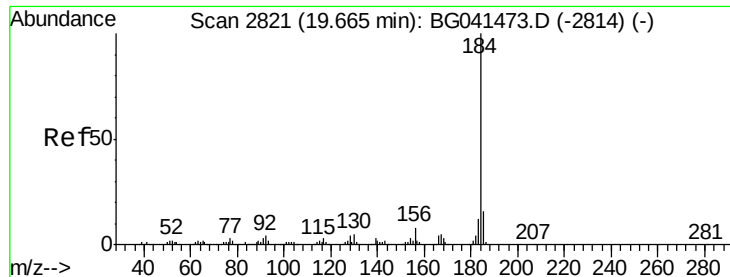


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.401 ng

RT: 19.65 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

Instrument :

BNA_G

ClientSampleId :

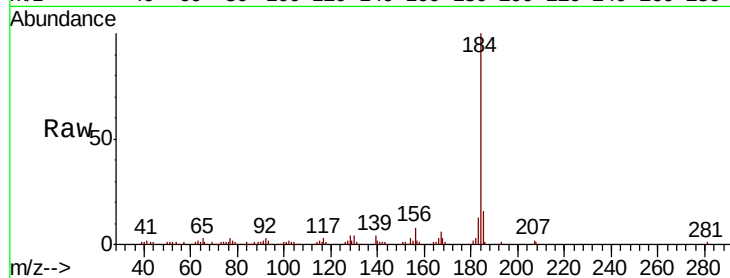
Tot Ion:184 Resp: 89958

Ion Ratio Lower Upper

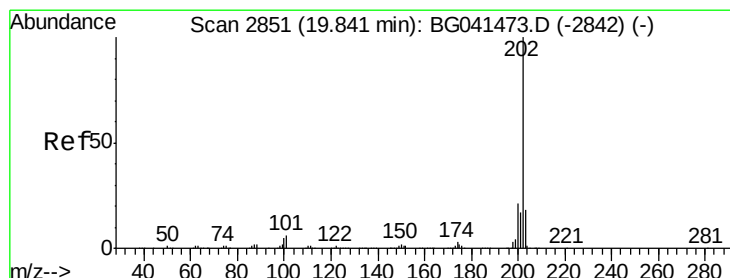
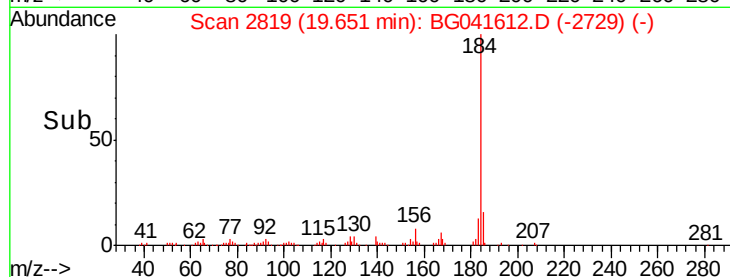
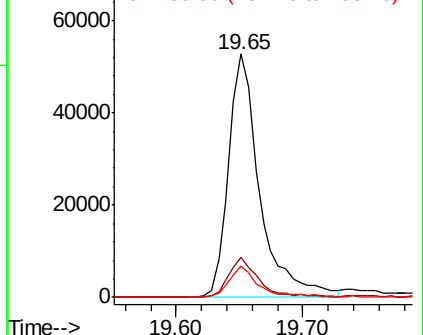
184 100

185 16.3 11.7 17.5

183 12.7 9.4 14.2



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: 18.972 ng

RT: 19.83 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

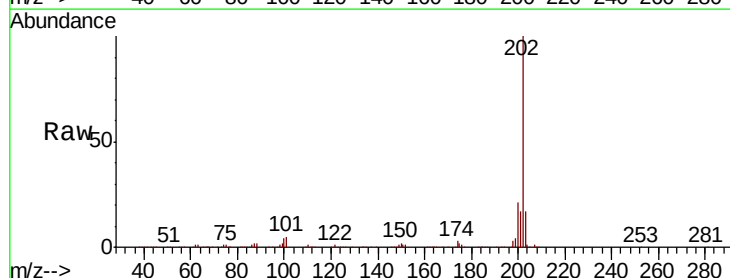
Tgt Ion:202 Resp: 301769

Ion Ratio Lower Upper

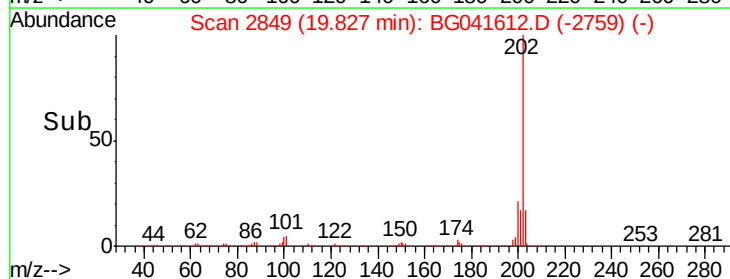
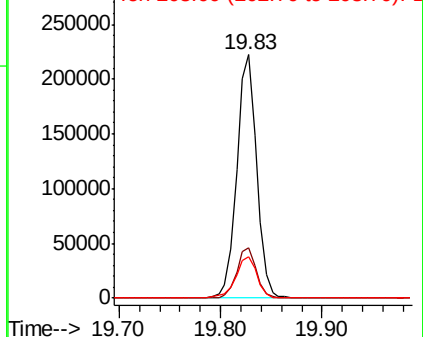
202 100

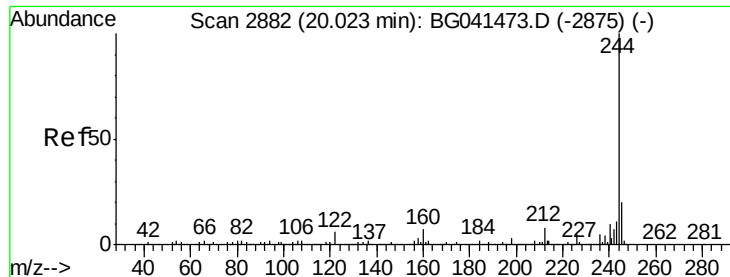
200 20.9 17.0 25.4

203 16.8 14.6 21.8



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: 45.934 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

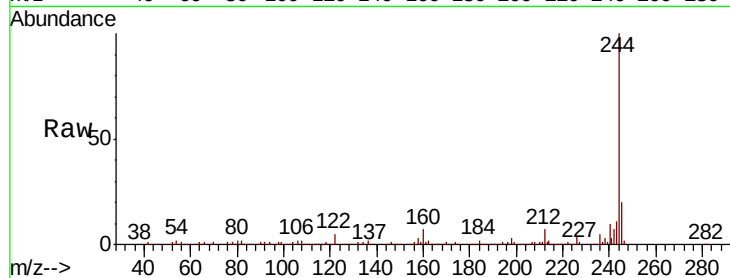
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 503617

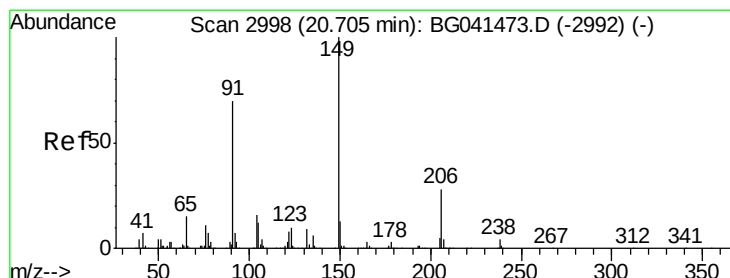
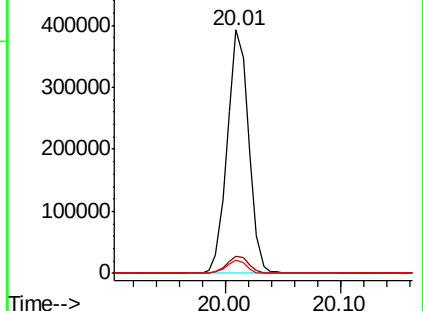
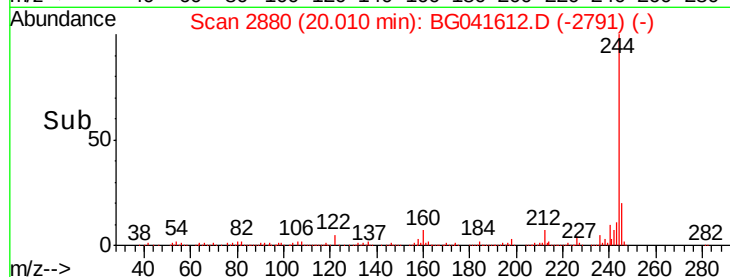
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	5.2	4.0	6.0



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: 17.635 ng

RT: 20.69 min Scan# 2996

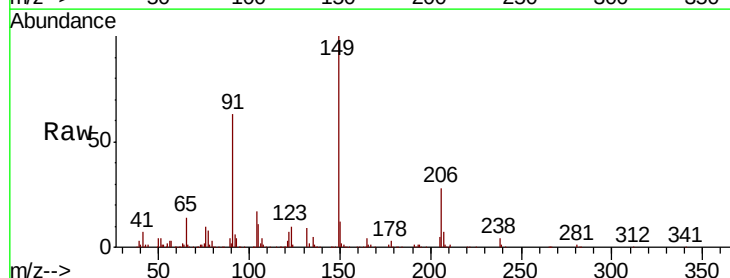
Delta R.T. 0.00 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

Tgt Ion:149 Resp: 104755

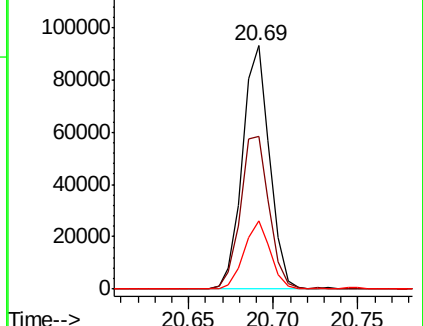
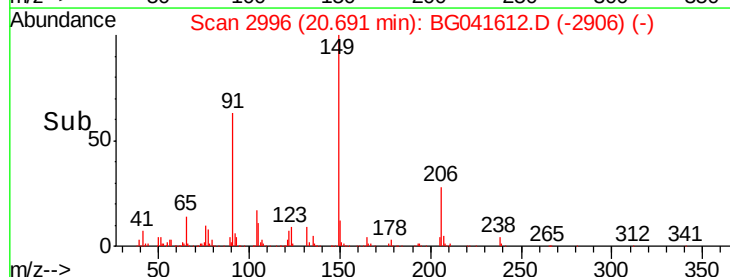
Ion	Ratio	Lower	Upper
149	100		
91	62.7	54.0	81.0
206	28.2	20.6	30.8

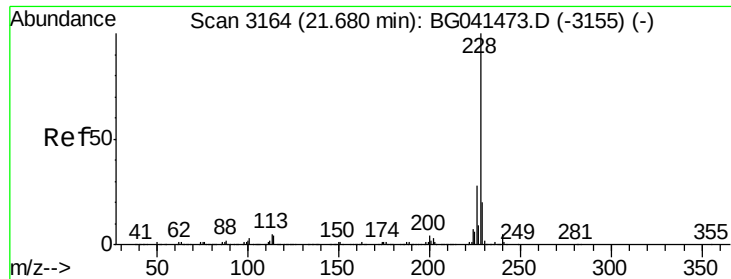


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 18.564 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

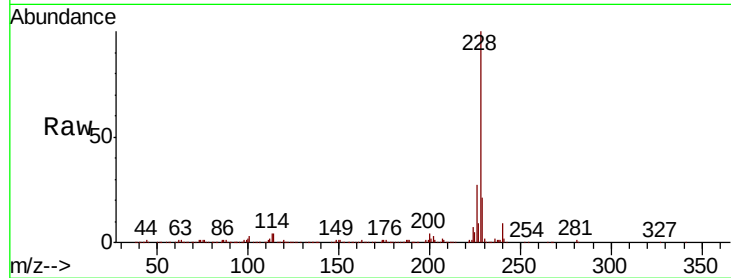
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 300704

Ion	Ratio	Lower	Upper
228	100		
226	27.1	23.4	35.2
229	20.5	17.0	25.4

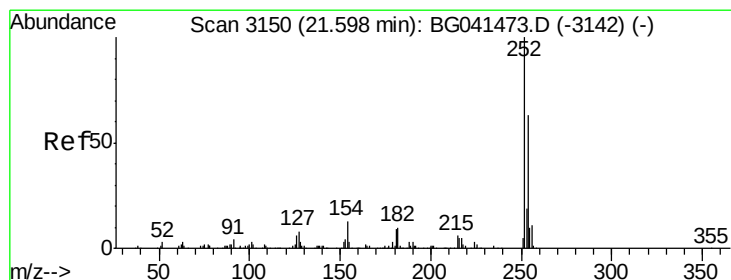
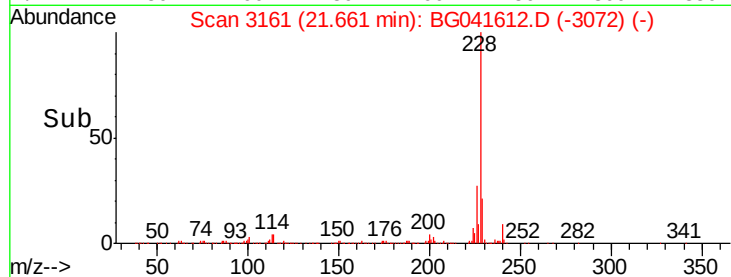
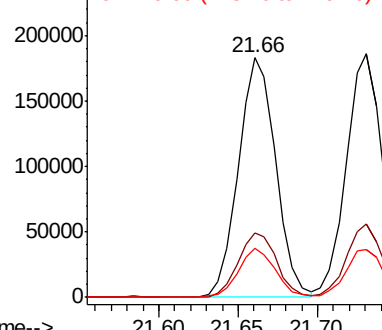


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 12.185 ng

RT: 21.58 min Scan# 3147

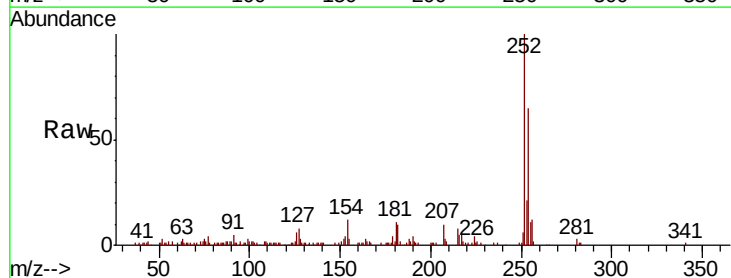
Delta R.T. -0.01 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

Tgt Ion:252 Resp: 68349

Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.6	76.0
126	6.1	4.7	7.1

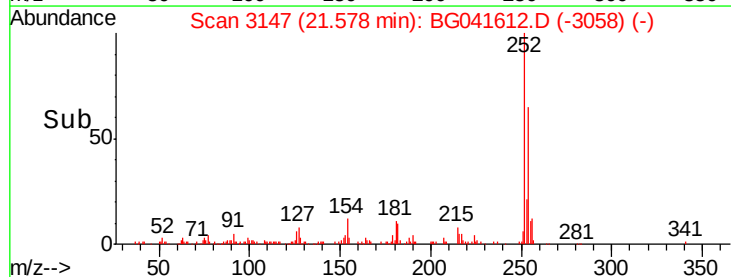
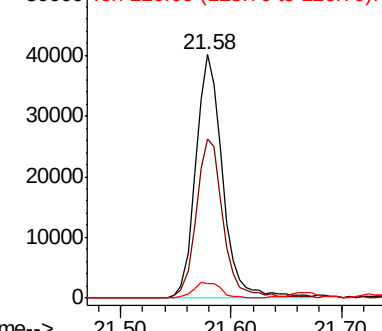


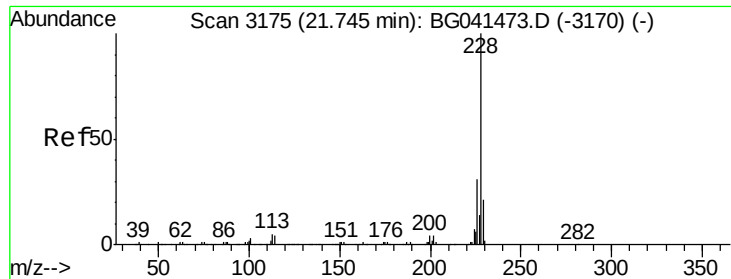
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

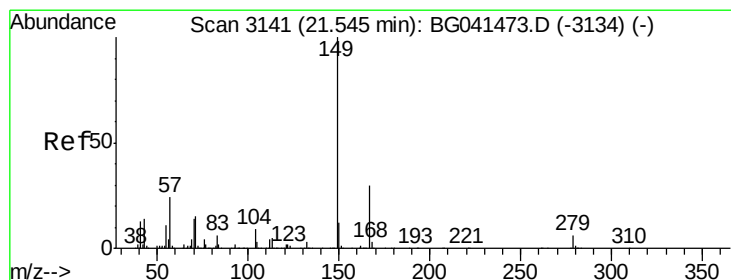
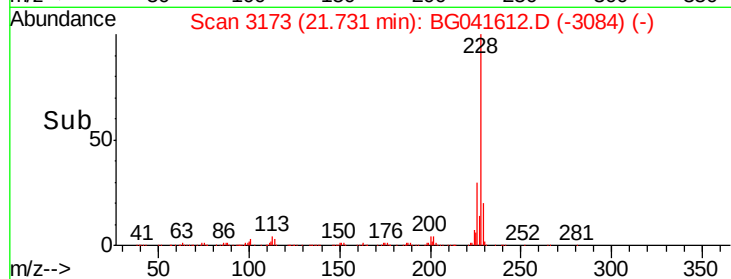
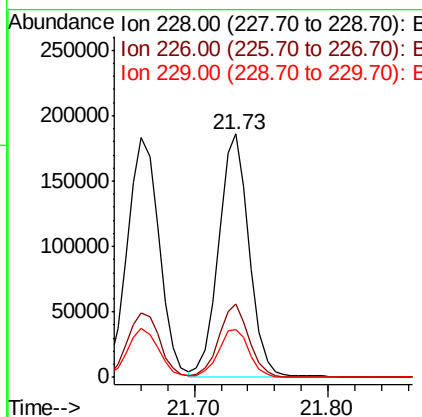
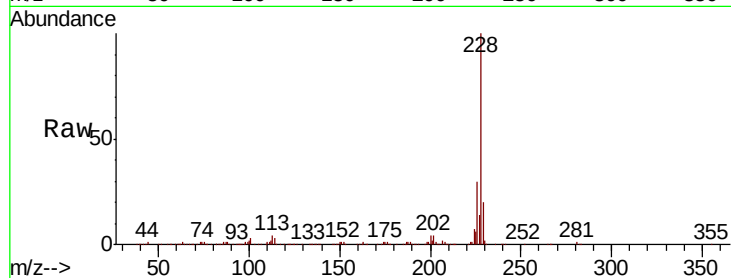




#83
 Chrysene
 Concen: 18.879 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

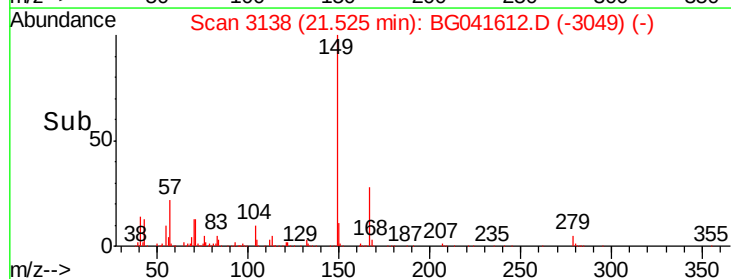
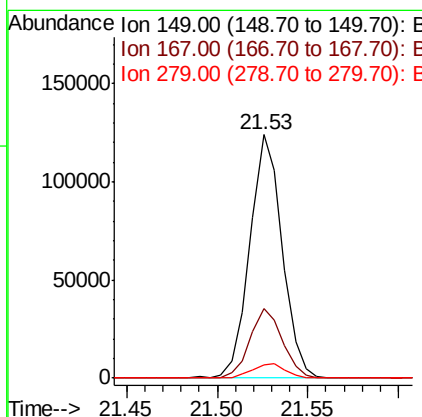
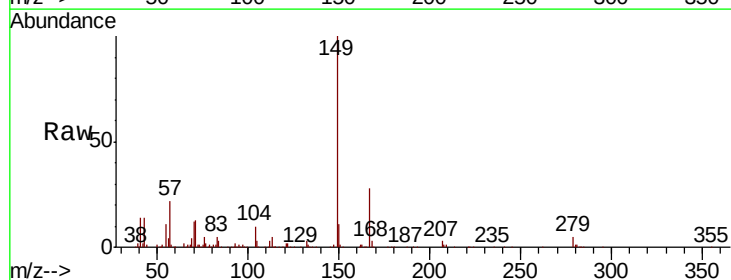
Instrument :
 BNA_G
 ClientSampled :

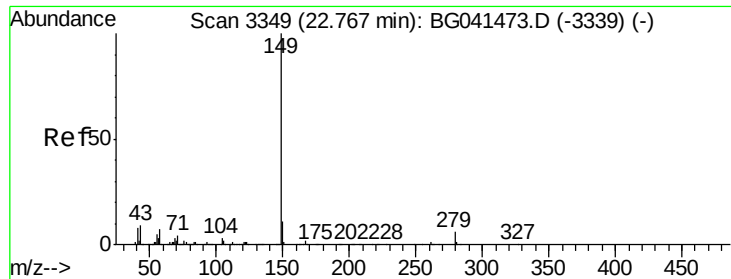
Tot Ion:228 Resp: 296003
 Ion Ratio Lower Upper
 228 100
 226 29.9 25.1 37.7
 229 19.8 16.1 24.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 18.292 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG041612.D
 Acq: 5 Jul 2019 15:24

Tgt Ion:149 Resp: 154044
 Ion Ratio Lower Upper
 149 100
 167 28.4 23.9 35.9
 279 5.4 5.2 7.8

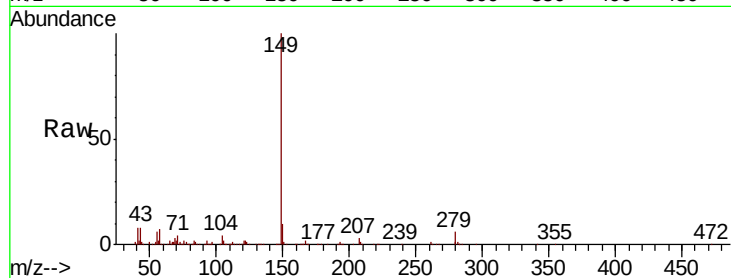




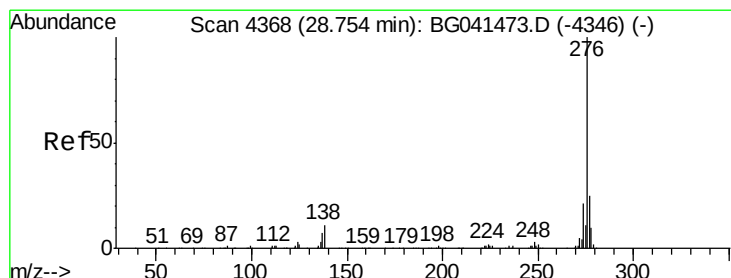
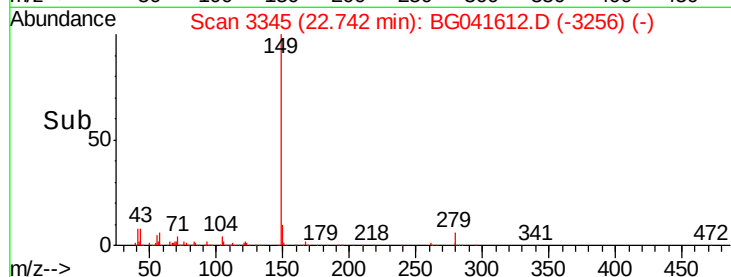
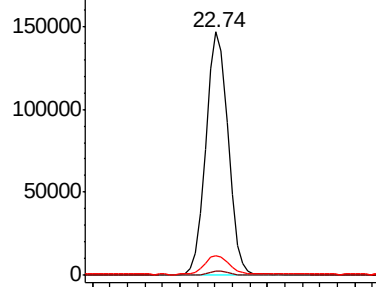
#85
Di-n-octyl phthalate
Concen: 17.665 ng
RT: 22.74 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	8.4	6.6	9.8

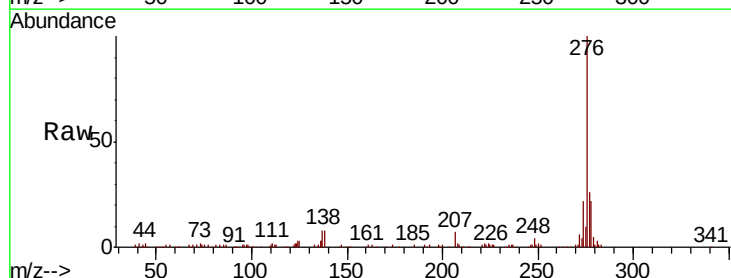


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

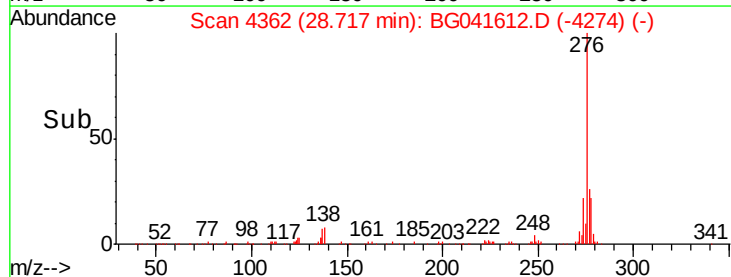
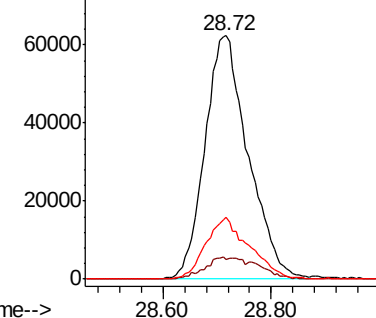


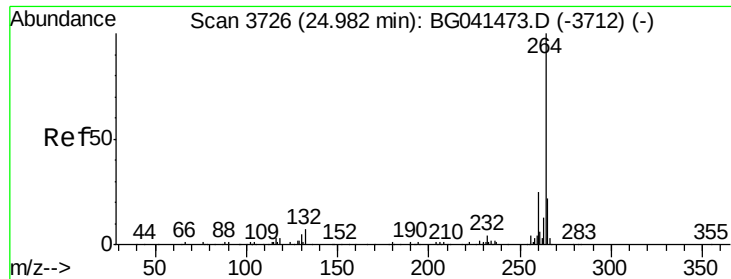
#86
Indeno(1,2,3-cd)pyrene
Concen: 18.225 ng
RT: 28.72 min Scan# 4362
Delta R.T. -0.01 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	4.5	8.8	13.2#
277	25.5	20.6	31.0



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

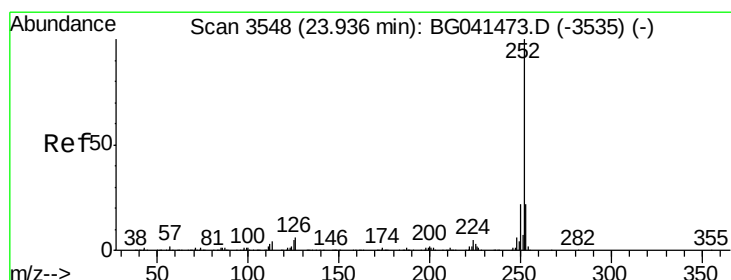
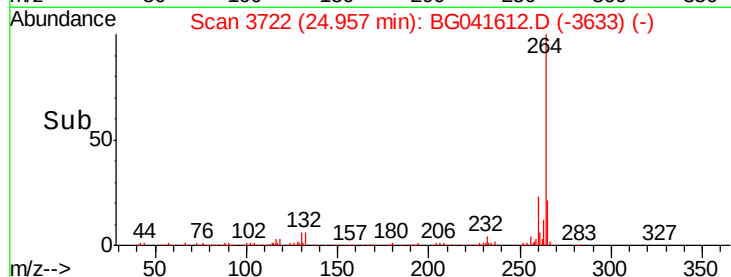
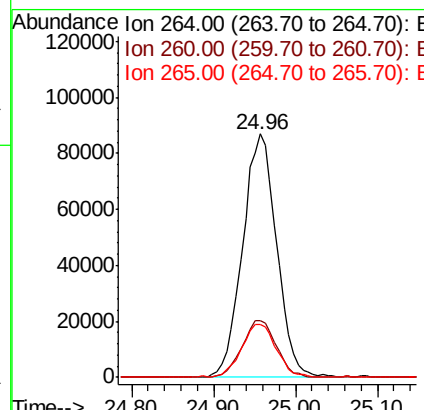
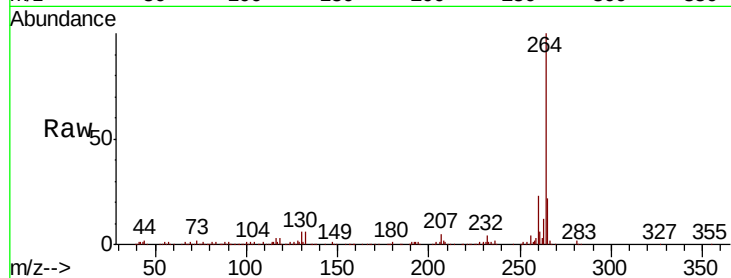




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.01 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

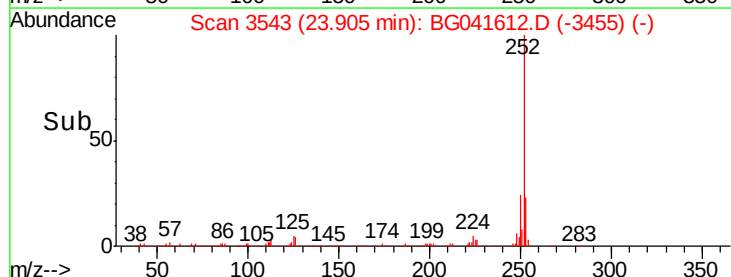
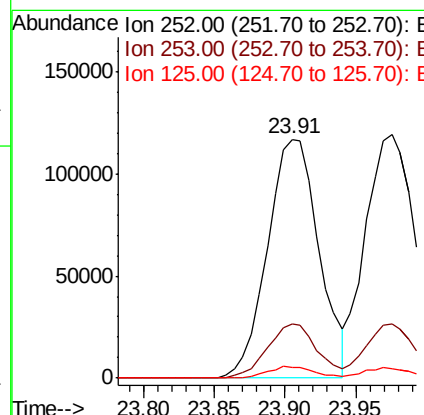
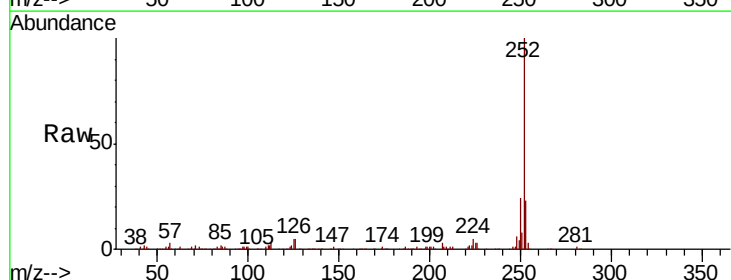
Instrument :
BNA_G
ClientSampled :

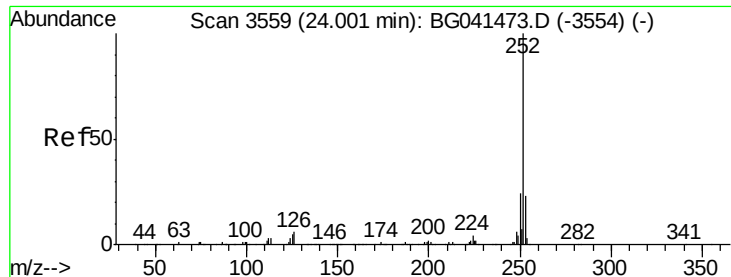
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.6	16.7	25.1



#88
Benzo(b)fluoranthene
Concen: 18.516 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	4.5	3.5	5.3





#89

Benzo(k)fluoranthene

Concen: 18.609 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.01 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

Instrument :

BNA_G

ClientSampleId :

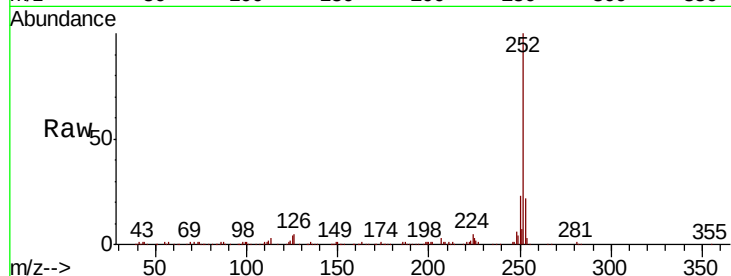
Tot Ion:252 Resp: 293863

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

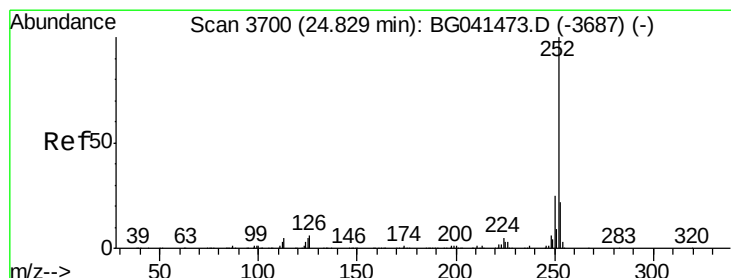
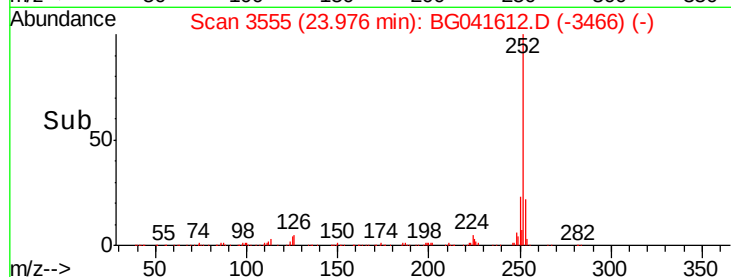
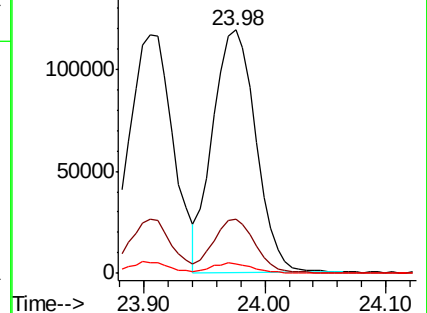
125 3.8 3.5 5.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 18.746 ng

RT: 24.80 min Scan# 3695

Delta R.T. -0.01 min

Lab File: BG041612.D

Acq: 5 Jul 2019 15:24

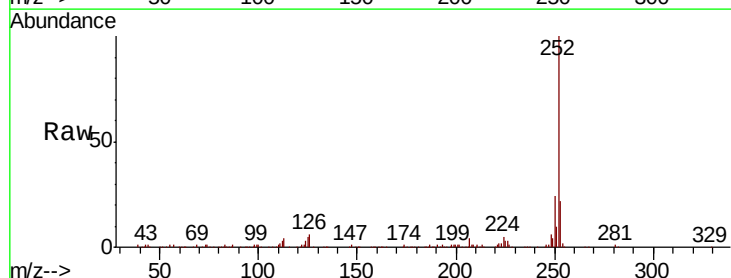
Tgt Ion:252 Resp: 286382

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

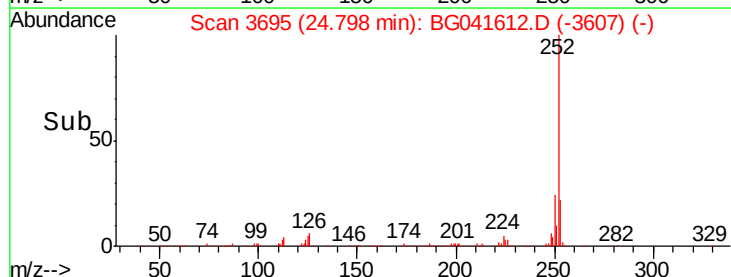
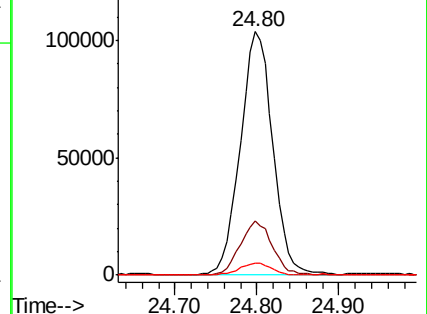
125 4.9 3.3 4.9#

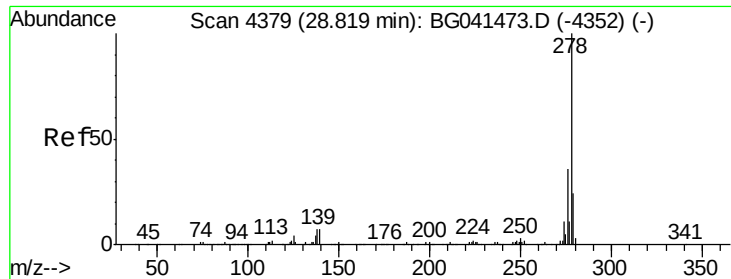


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

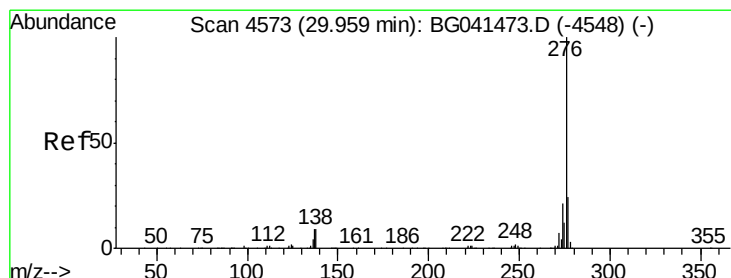
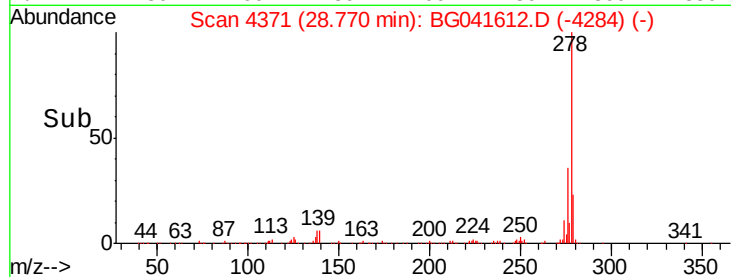
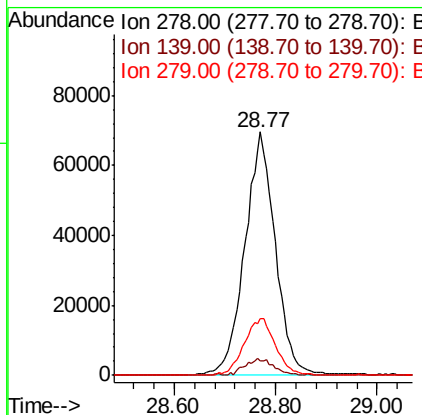
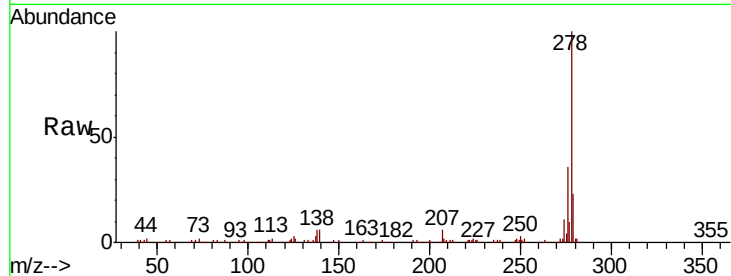




#91
Dibenzo(a,h)anthracene
Concen: 18.968 ng
RT: 28.77 min Scan# 4371
Delta R.T. -0.02 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	6.1	5.4	8.0
279	23.2	18.6	28.0



#92
Benzo(g,h,i)perylene
Concen: 19.264 ng
RT: 29.90 min Scan# 4563
Delta R.T. -0.01 min
Lab File: BG041612.D
Acq: 5 Jul 2019 15:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.2	18.6	28.0
138	9.0	6.4	9.6

