

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
 Data File : BG041613.D
 Acq On : 5 Jul 2019 16:02
 Operator : HP/JU
 Sample : K3668-09MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 05 18:05:01 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	28889	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	109820	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	76179	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	206993	20.00	ng	0.00
76) Chrysene-d12	21.68	240	234088	20.00	ng	0.00
87) Perylene-d12	24.96	264	246371	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	100905	62.27	ng	0.00
7) Phenol-d6	7.18	99	148457	65.08	ng	0.00
23) Nitrobenzene-d5	9.20	82	99795	37.90	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	89733	68.99	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	239560	40.35	ng	0.00
79) Terphenyl-d14	20.01	244	491248	44.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	11081	15.107	ng	95
3) Pyridine	3.82	79	25456	13.678	ng	98
4) n-Nitrosodimethylamine	3.74	42	17494	16.892	ng	# 92
6) Aniline	7.34	93	37680	12.815	ng	97
8) 2-Chlorophenol	7.58	128	36809	20.255	ng	94
9) Benzaldehyde	7.16	77	23048	16.731	ng	89
10) Phenol	7.21	94	48181	20.958	ng	94
11) bis(2-Chloroethyl)ether	7.43	93	30673	16.824	ng	94
12) 1,3-Dichlorobenzene	7.90	146	40634	17.285	ng	96
13) 1,4-Dichlorobenzene	8.05	146	42539	17.950	ng	97
14) 1,2-Dichlorobenzene	8.37	146	39055	17.212	ng	95
15) Benzyl Alcohol	8.26	79	31690	17.445	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	37996	14.841	ng	95
17) 2-Methylphenol	8.46	107	32283	19.291	ng	97
18) Hexachloroethane	9.10	117	15775	16.870	ng	94
19) n-Nitroso-di-n-propylamine	8.82	70	28235	16.594	ng	94
20) 3+4-Methylphenols	8.80	107	43102	19.324	ng	97
22) Acetophenone	8.85	105	59451	18.047	ng	# 100
24) Nitrobenzene	9.24	77	46975	17.773	ng	99
25) Isophorone	9.76	82	81356	17.209	ng	96
26) 2-Nitrophenol	9.96	139	20575	18.640	ng	93
27) 2,4-Dimethylphenol	10.00	122	33697	21.935	ng	95
28) bis(2-Chloroethoxy)methane	10.24	93	43147	17.260	ng	99
29) 2,4-Dichlorophenol	10.50	162	42194	20.335	ng	97
30) 1,2,4-Trichlorobenzene	10.70	180	46882	17.628	ng	97
31) Naphthalene	10.89	128	112692	18.555	ng	98
32) Benzoic acid	10.00	122	33697	40.913	ng	# 16
33) 4-Chloroaniline	11.01	127	33136	12.961	ng	96
34) Hexachlorobutadiene	11.15	225	36643	17.357	ng	99
35) Caprolactam	11.81	113	11596	17.898	ng	# 84
36) 4-Chloro-3-methylphenol	12.13	107	43835	19.498	ng	98
37) 2-Methylnaphthalene	12.49	142	82098	18.297	ng	98
38) 1-Methylnaphthalene	12.71	142	77208	18.037	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	64145	19.122	ng	100

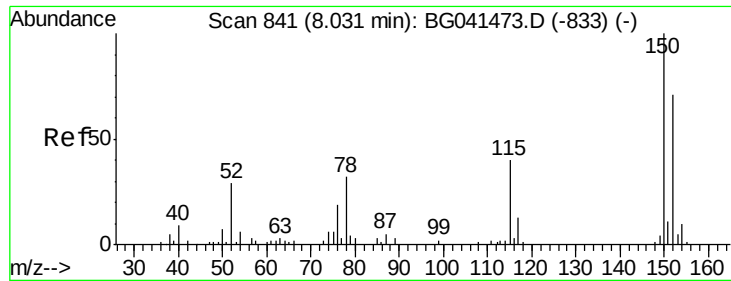
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
 Data File : BG041613.D
 Acq On : 5 Jul 2019 16:02
 Operator : HP/JU
 Sample : K3668-09MSD
 Misc :
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Instrument :
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 Quant Title : ASP BNA STANDARDS 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	52766	31.318	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	39213	19.703	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	40310	20.330	ng	93
46) 1,1'-Biphenyl	13.50	154	114302	19.008	ng	99
47) 2-Chloronaphthalene	13.55	162	94472	18.299	ng	100
48) 2-Nitroaniline	13.76	65	27708	15.832	ng	91
49) Acenaphthylene	14.39	152	146602	18.998	ng	99
50) Dimethylphthalate	14.11	163	149918	21.626	ng	99
51) 2,6-Dinitrotoluene	14.25	165	27242	18.517	ng	97
52) Acenaphthene	14.73	154	84487	18.463	ng	99
53) 3-Nitroaniline	14.59	138	20646	14.700	ng	# 92
54) 2,4-Dinitrophenol	14.83	184	2372	10.145	ng	# 72
55) Dibenzofuran	15.06	168	152871	19.189	ng	99
56) 4-Nitrophenol	14.90	139	35407	39.064	ng	88
57) 2,4-Dinitrotoluene	15.04	165	39130	18.334	ng	94
58) Fluorene	15.71	166	118944	18.768	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.21	232	40014	19.143	ng	96
60) Diethylphthalate	15.46	149	128407	18.096	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	73278	17.925	ng	97
62) 4-Nitroaniline	15.75	138	23685	17.304	ng	98
63) Azobenzene	15.99	77	107500	17.968	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	16661	12.996	ng	95
66) n-Nitrosodiphenylamine	15.91	169	107024	18.786	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	50656	17.908	ng	92
68) Hexachlorobenzene	16.71	284	56256	18.459	ng	97
69) Atrazine	16.86	200	47215	19.580	ng	98
70) Pentachlorophenol	17.06	266	42469	30.754	ng	95
71) Phenanthrene	17.46	178	212928	18.671	ng	98
72) Anthracene	17.55	178	215950	18.925	ng	99
73) Carbazole	17.82	167	186666	19.243	ng	99
74) Di-n-butylphthalate	18.35	149	218476	17.920	ng	99
75) Fluoranthene	19.46	202	294653	19.378	ng	97
77) Benzidine	19.65	184	93039	17.913	ng	99
78) Pyrene	19.83	202	295022	18.462	ng	99
80) Butylbenzylphthalate	20.69	149	99773	16.718	ng	98
81) Benzo(a)anthracene	21.66	228	294452	18.093	ng	96
82) 3,3'-Dichlorobenzidine	21.58	252	70755	12.555	ng	# 95
83) Chrysene	21.73	228	287976	18.281	ng	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	150117	17.742	ng	97
85) Di-n-octyl phthalate	22.74	149	241464	16.864	ng	99
86) Indeno(1,2,3-cd)pyrene	28.71	276	339453	17.796	ng	# 91
88) Benzo(b)fluoranthene	23.90	252	289600	18.429	ng	99
89) Benzo(k)fluoranthene	23.97	252	285839	18.528	ng	99
90) Benzo(a)pyrene	24.80	252	284920	19.091	ng	96
91) Dibenzo(a,h)anthracene	28.77	278	282976	18.926	ng	99
92) Benzo(g,h,i)perylene	29.90	276	287678	19.351	ng	99

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

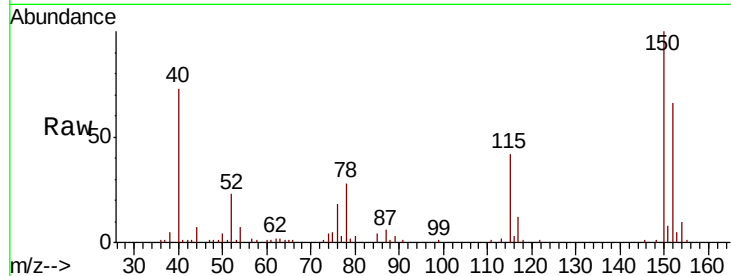


#1

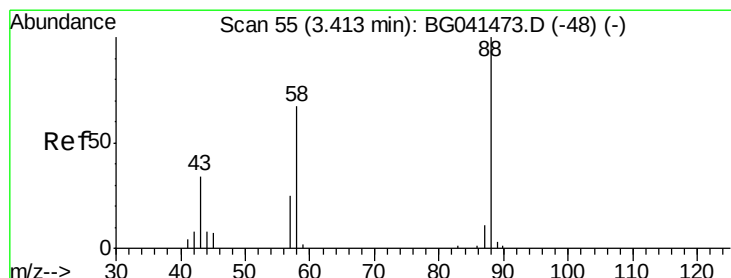
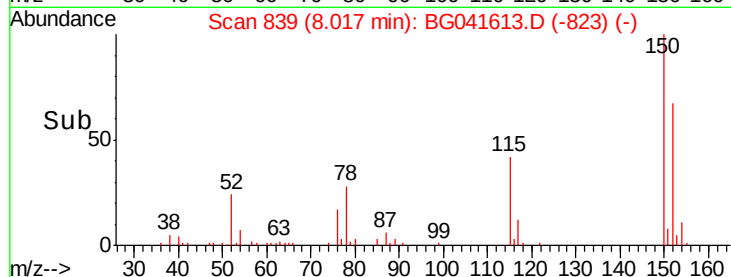
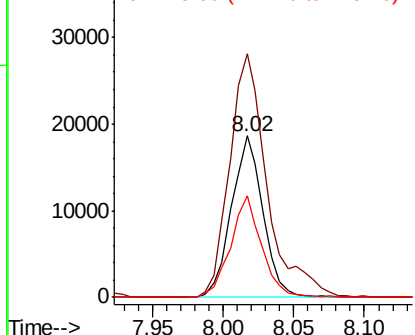
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28889
Ion Ratio Lower Upper
152 100
150 151.1 118.3 177.5
115 62.9 44.0 66.0



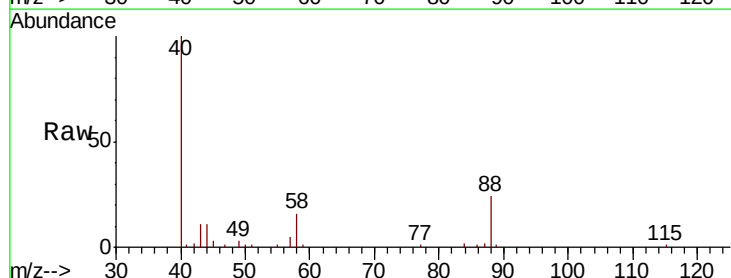
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



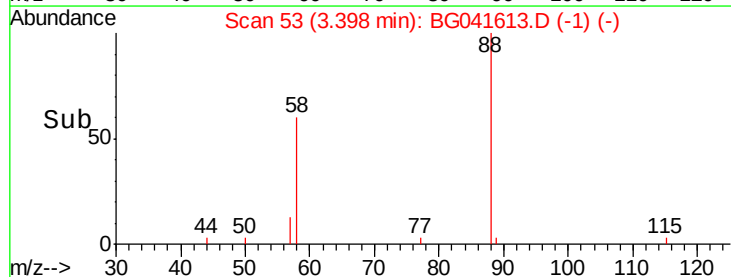
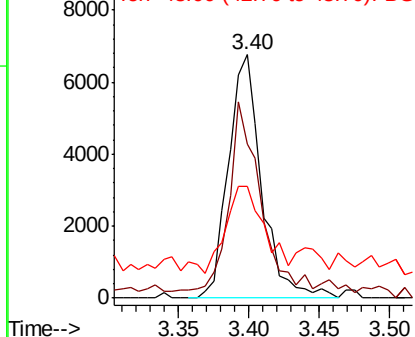
#2

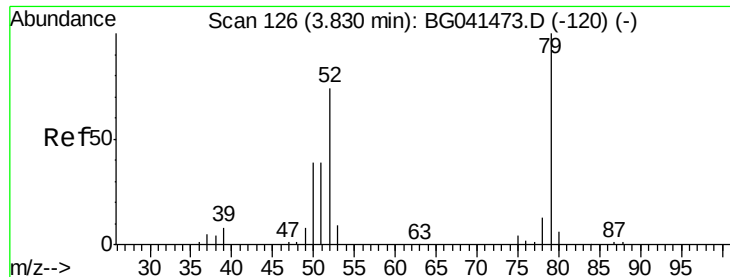
1,4-Dioxane
Concen: 15.107 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.01 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Tgt Ion: 88 Resp: 11081
Ion Ratio Lower Upper
88 100
58 73.5 55.9 83.9
43 41.1 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: 13.678 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

Instrument :

BNA_G

ClientSampleId :

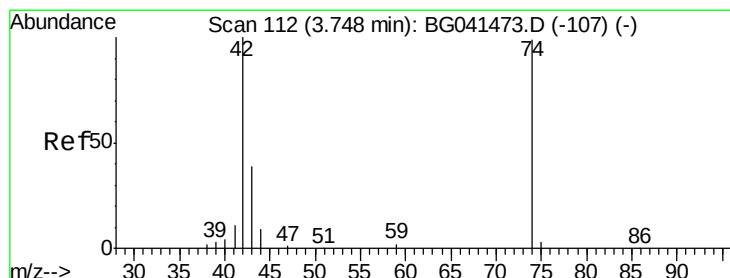
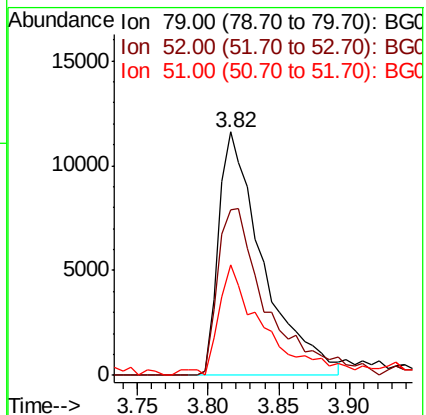
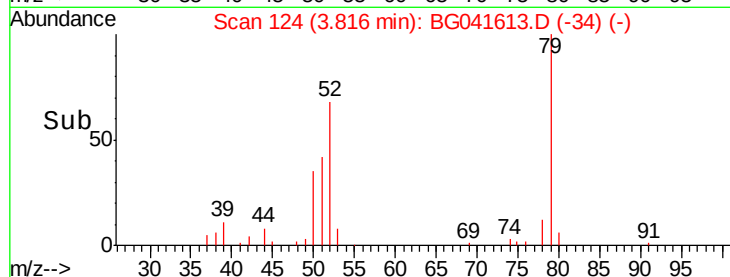
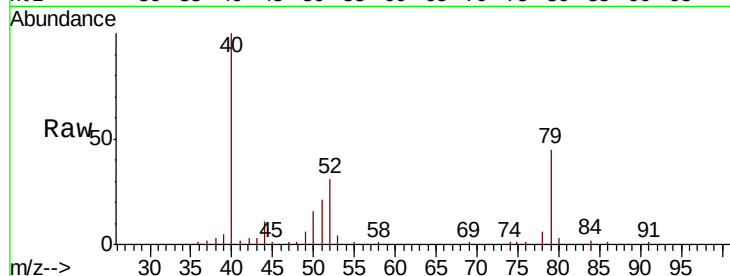
Tot Ion: 79 Resp: 25456

Ion Ratio Lower Upper

79 100

52 67.9 54.7 82.1

51 45.4 33.6 50.4



#4

n-Nitrosodimethylamine

Concen: 16.892 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

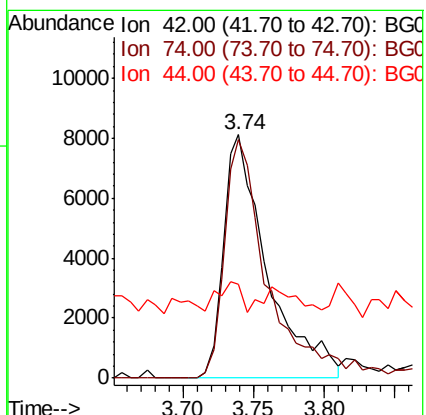
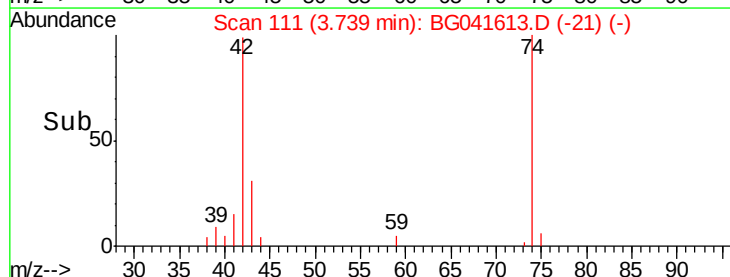
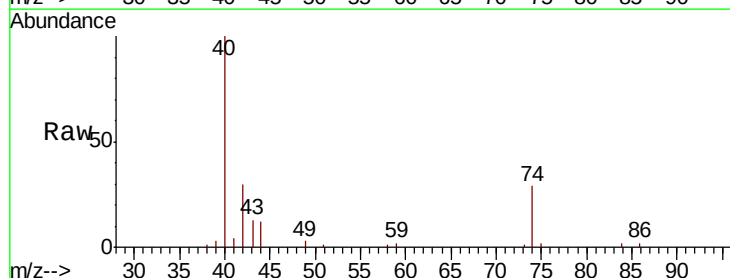
Tgt Ion: 42 Resp: 17494

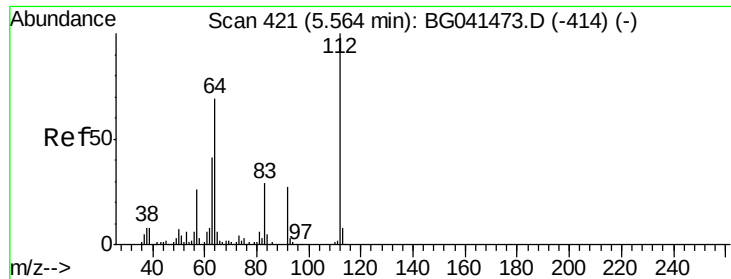
Ion Ratio Lower Upper

42 100

74 98.1 79.5 119.3

44 38.7 14.2 21.2#





#5

2-Fluorophenol

Concen: 62.272 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.01 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

Instrument :

BNA_G

ClientSampleId :

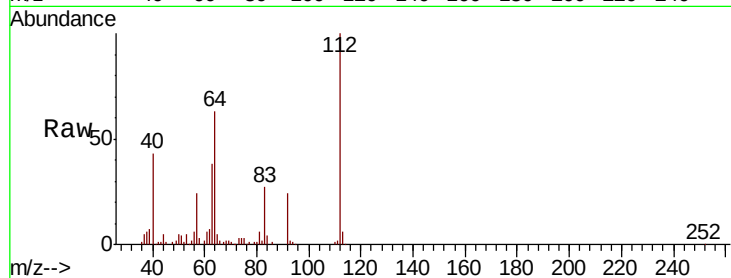
Tot Ion:112 Resp: 100905

Ion Ratio Lower Upper

112 100

64 63.3 52.4 78.6

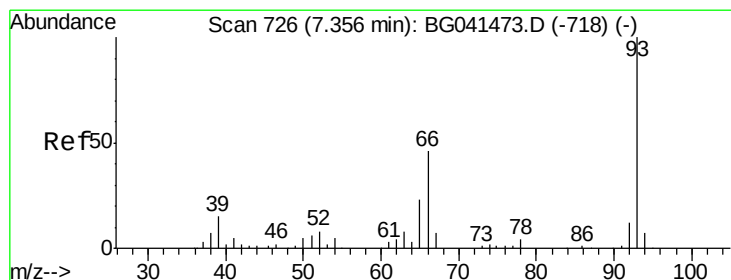
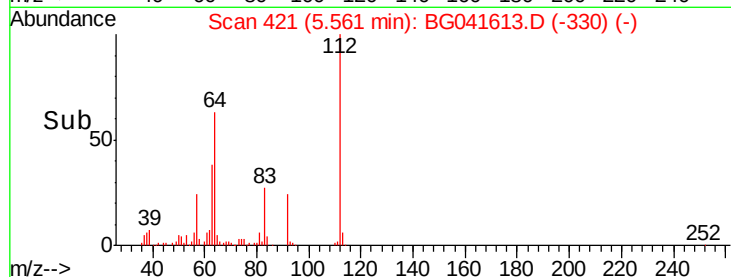
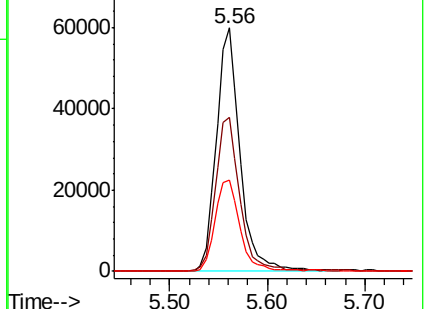
63 37.6 32.2 48.2



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: 12.815 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

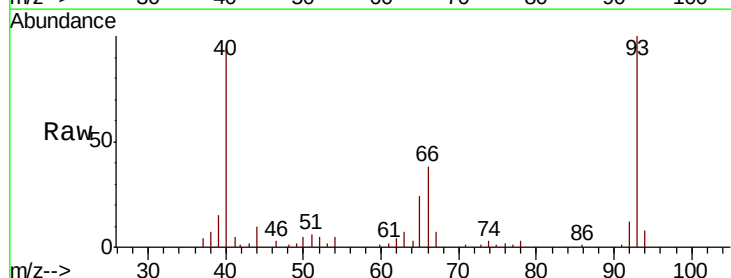
Tgt Ion: 93 Resp: 37680

Ion Ratio Lower Upper

93 100

66 38.1 32.2 48.4

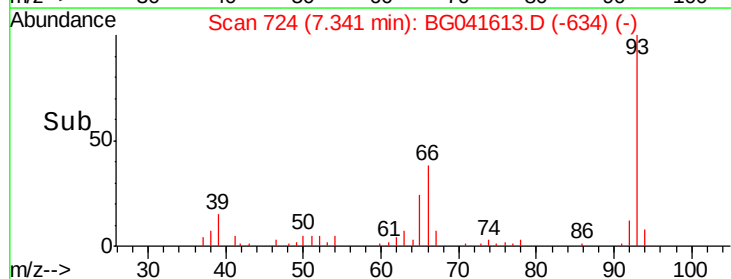
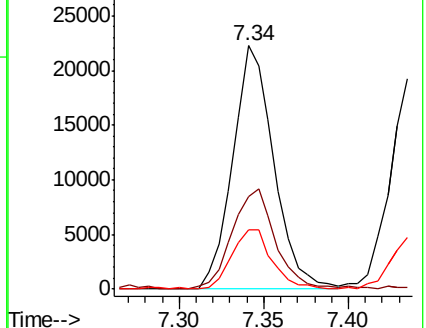
65 24.1 18.8 28.2

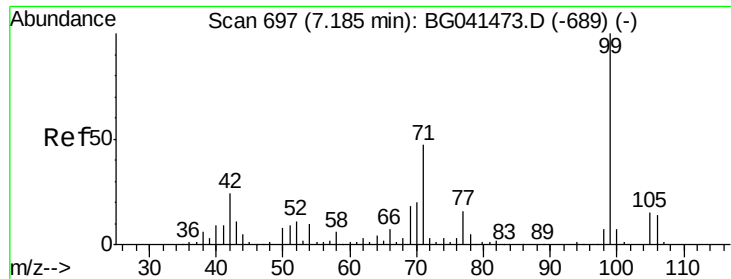


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 65.082 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

Instrument :

BNA_G

ClientSampled :

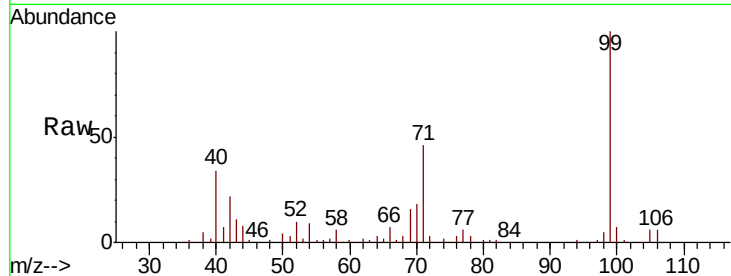
Tot Ion: 99 Resp: 148457

Ion Ratio Lower Upper

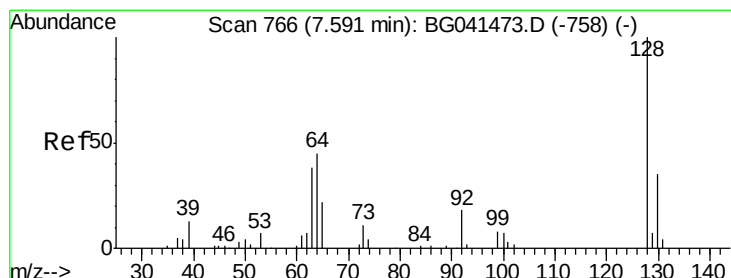
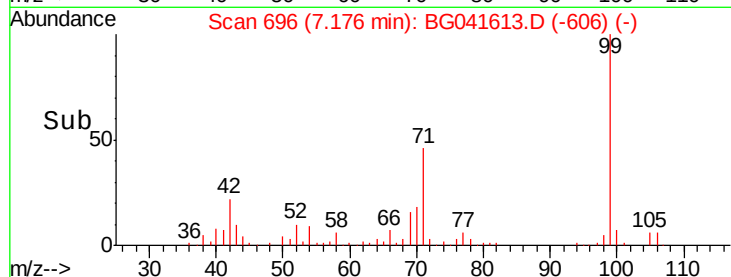
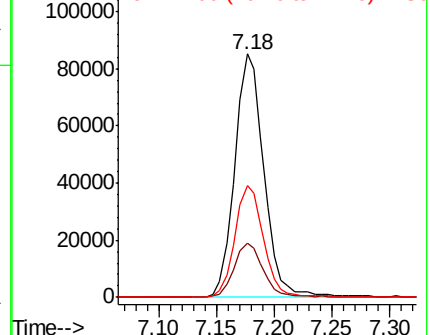
99 100

42 22.0 18.2 27.4

71 45.9 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: 20.255 ng

RT: 7.58 min Scan# 765

Delta R.T. 0.01 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

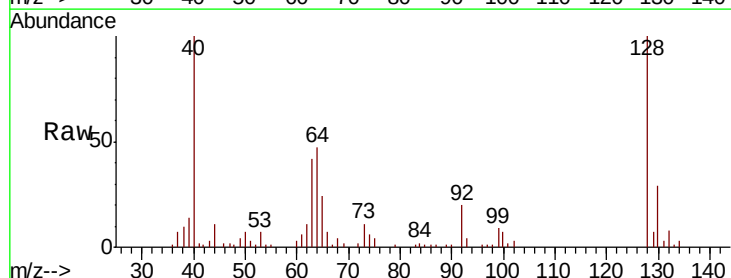
Tgt Ion: 128 Resp: 36809

Ion Ratio Lower Upper

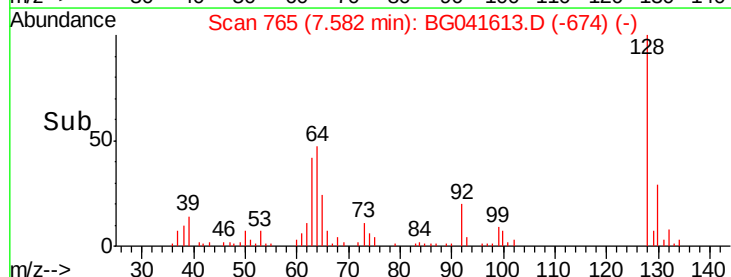
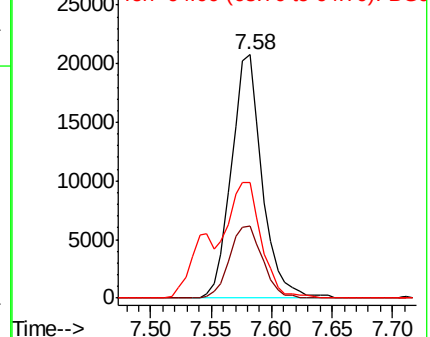
128 100

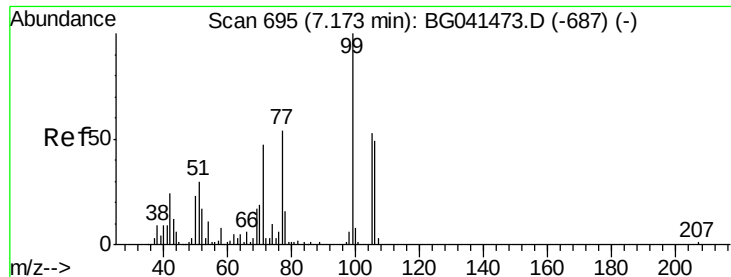
130 29.4 13.3 53.3

64 47.3 31.0 71.0



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





#9

Benzaldehyde

Concen: 16.731 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

Instrument :

BNA_G

ClientSampled :

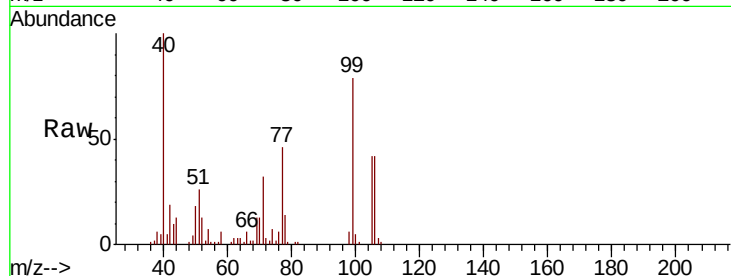
Tot Ion: 77 Resp: 23048

Ion Ratio Lower Upper

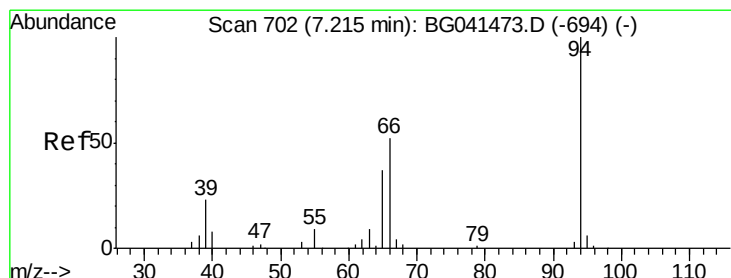
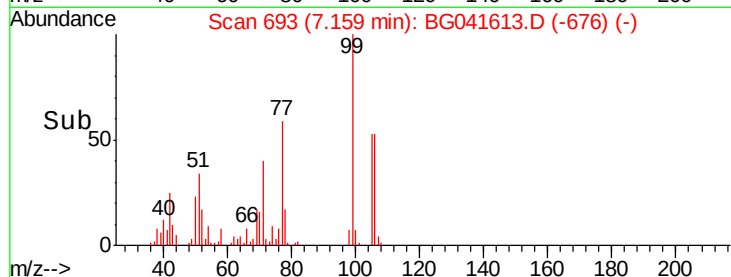
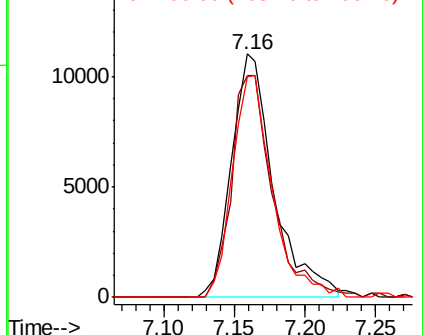
77 100

105 91.4 82.9 122.9

106 90.4 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: 20.958 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

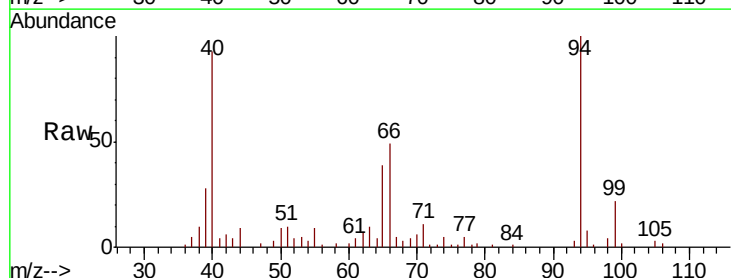
Tgt Ion: 94 Resp: 48181

Ion Ratio Lower Upper

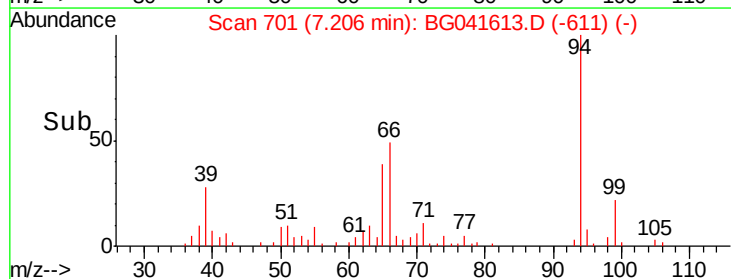
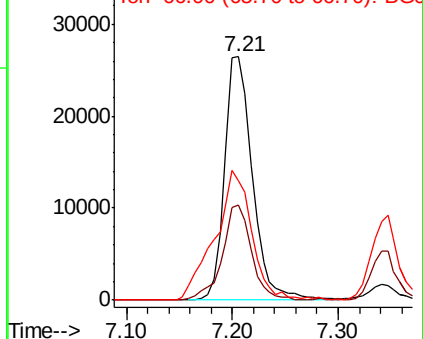
94 100

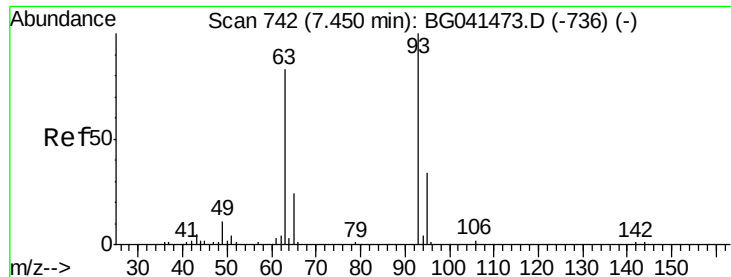
65 38.9 16.8 56.8

66 49.0 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

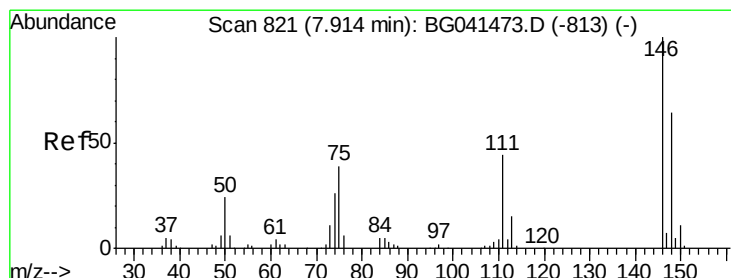
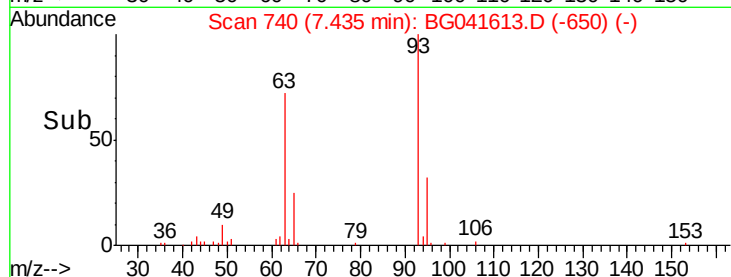
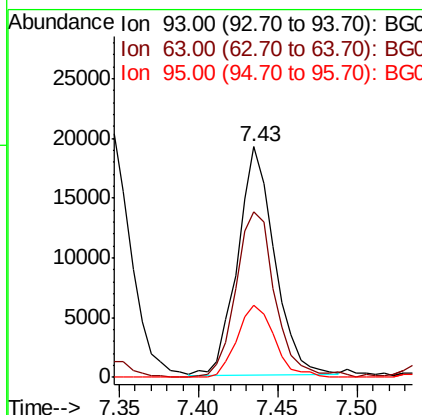
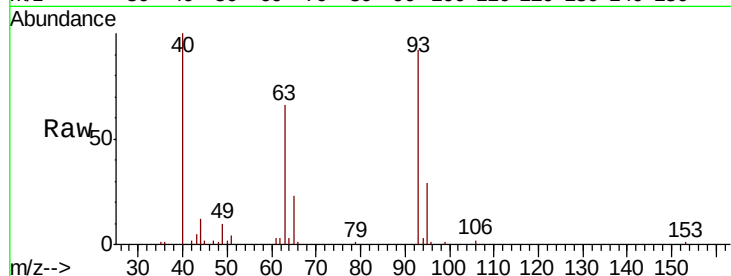




#11
bis(2-Chloroethyl)ether
Concen: 16.824 ng
RT: 7.43 min Scan# 740
Delta R.T. -0.00 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

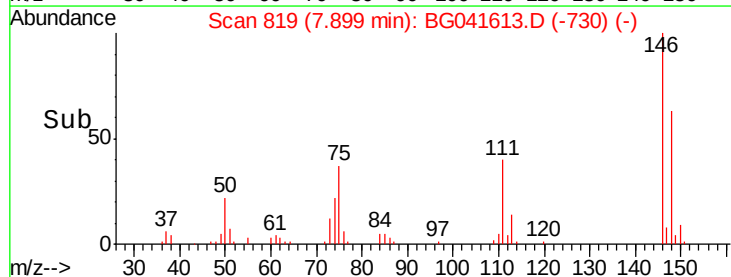
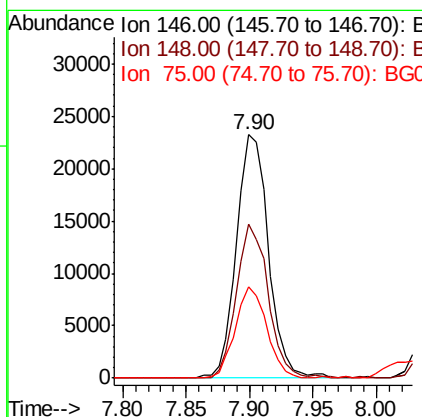
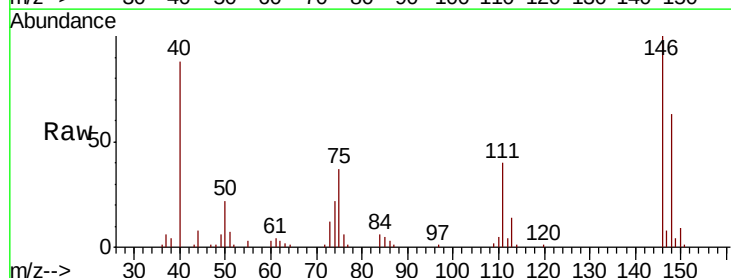
Instrument :
BNA_G
ClientSampleId :

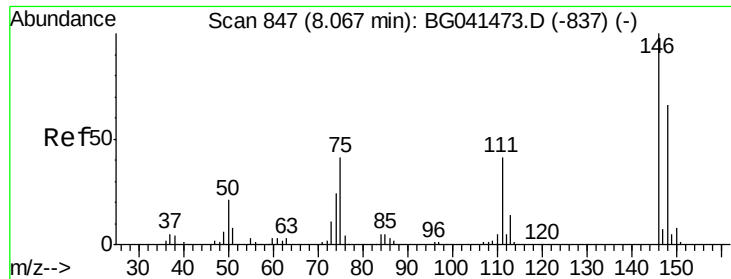
Tot Ion: 93 Resp: 30673
Ion Ratio Lower Upper
93 100
63 71.8 57.4 97.4
95 31.6 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 17.285 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Tgt Ion: 146 Resp: 40634
Ion Ratio Lower Upper
146 100
148 63.1 52.3 78.5
75 37.3 27.6 41.4

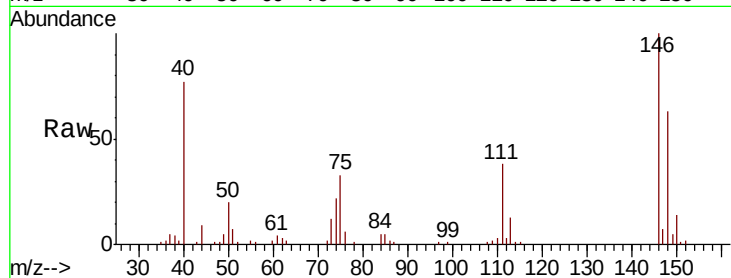




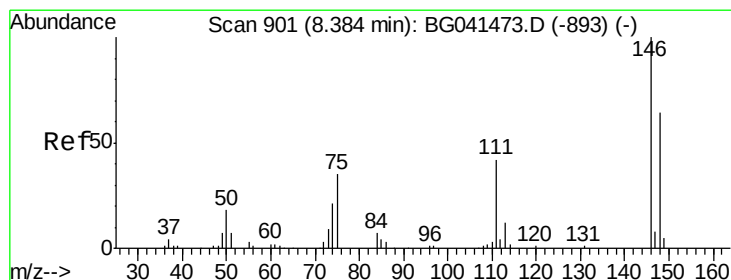
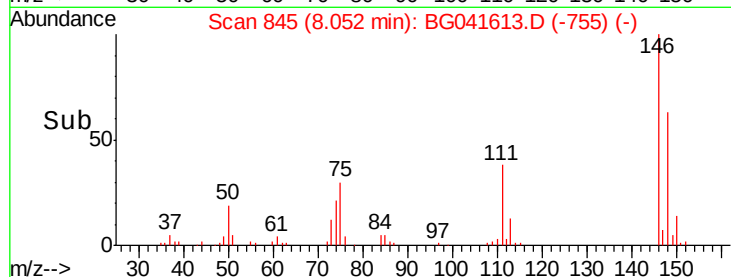
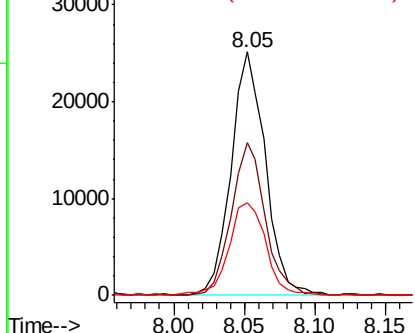
#13
 1,4-Dichlorobenzene
 Concen: 17.950 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BG041613.D
 Acq: 5 Jul 2019 16:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 42539
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.8 77.8
 111 37.9 31.6 47.4

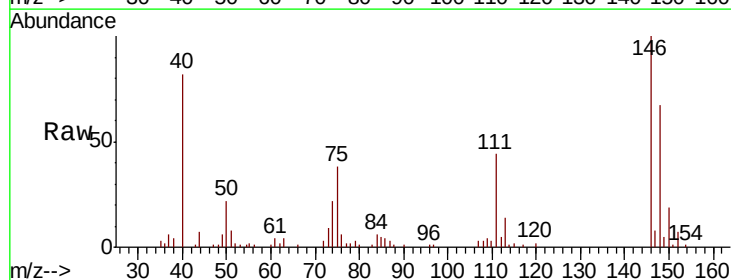


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

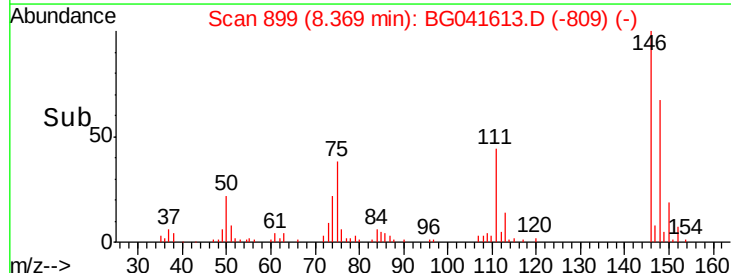
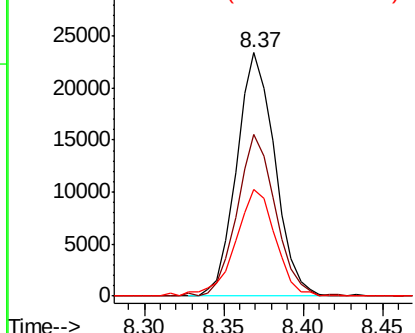


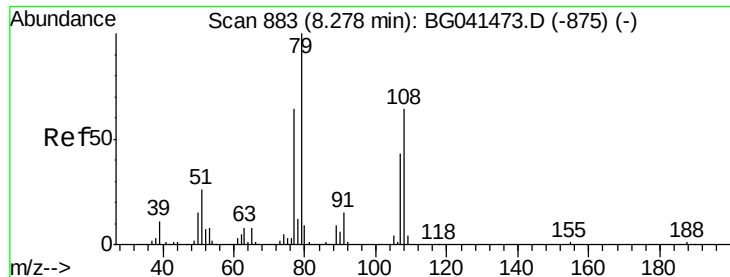
#14
 1,2-Dichlorobenzene
 Concen: 17.212 ng
 RT: 8.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BG041613.D
 Acq: 5 Jul 2019 16:02

Tgt Ion:146 Resp: 39055
 Ion Ratio Lower Upper
 146 100
 148 66.5 48.6 72.8
 111 43.7 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: 17.445 ng

RT: 8.26 min Scan# 881

Delta R.T. -0.00 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

Instrument :

BNA_G

ClientSampleId :

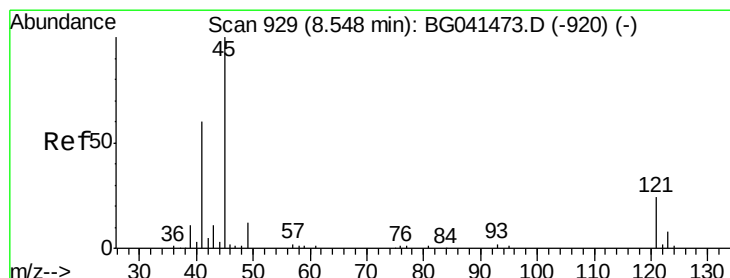
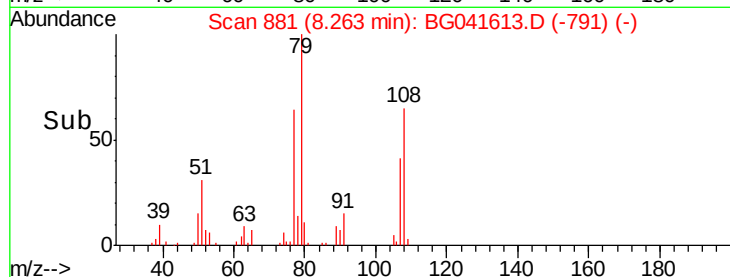
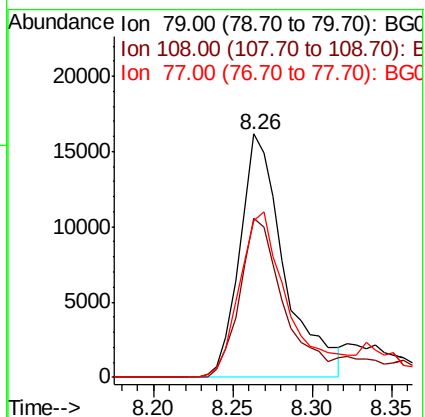
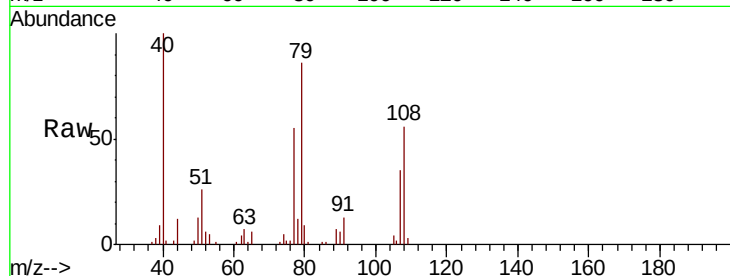
Tot Ion: 79 Resp: 31690

Ion Ratio Lower Upper

79 100

108 65.4 52.2 78.2

77 64.1 55.4 83.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 14.841 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.02 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

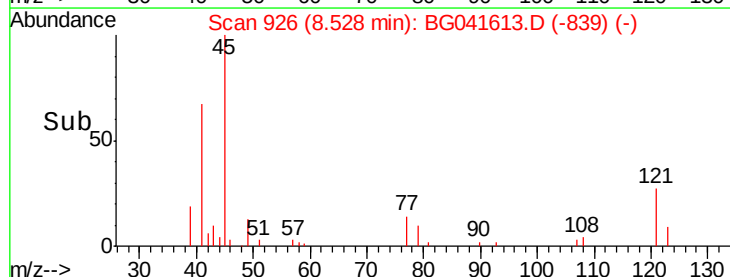
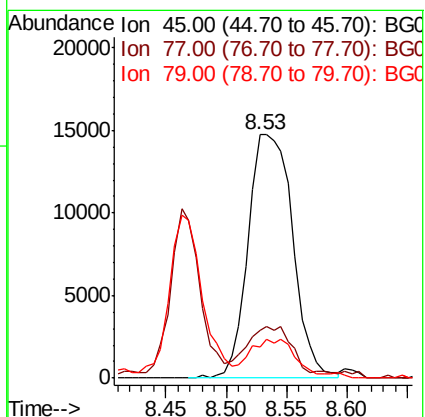
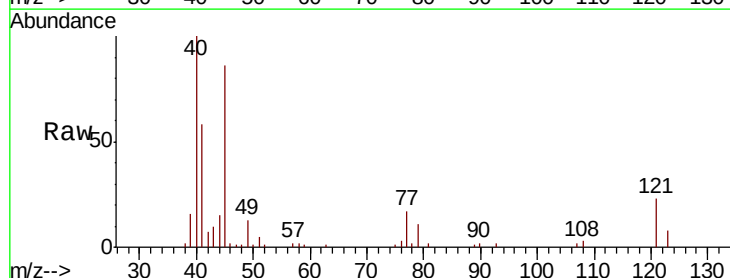
Tgt Ion: 45 Resp: 37996

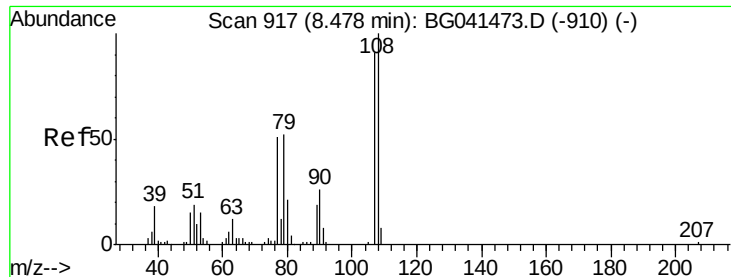
Ion Ratio Lower Upper

45 100

77 19.6 0.0 37.4

79 12.8 0.0 34.5





#17

2-Methylphenol

Concen: 19.291 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 32283

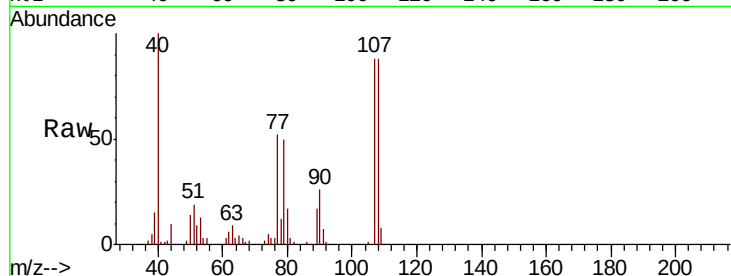
Ion Ratio Lower Upper

107 100

108 100.8 83.8 125.6

77 59.0 46.9 70.3

79 56.6 46.6 70.0

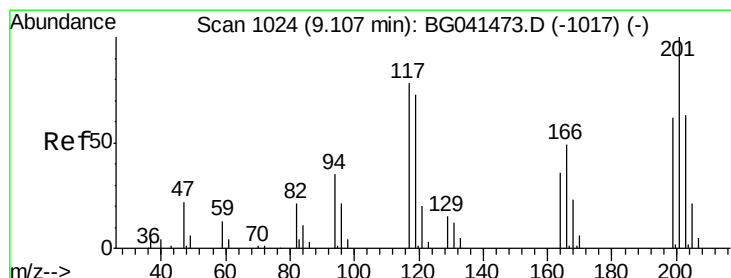
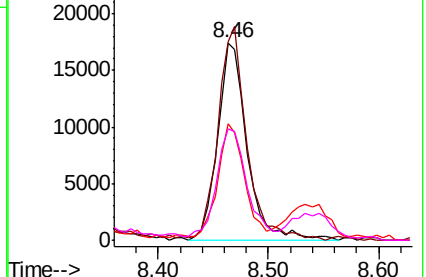
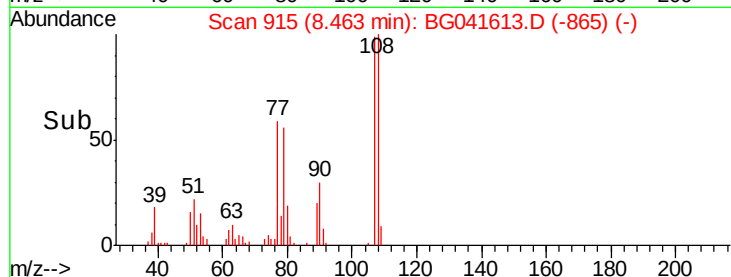


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 16.870 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

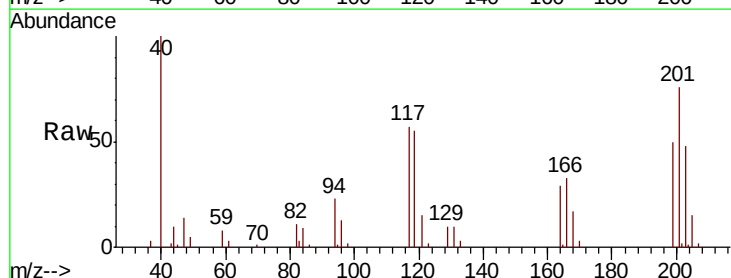
Tgt Ion:117 Resp: 15775

Ion Ratio Lower Upper

117 100

119 95.9 81.3 121.9

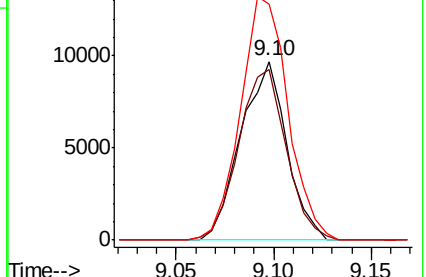
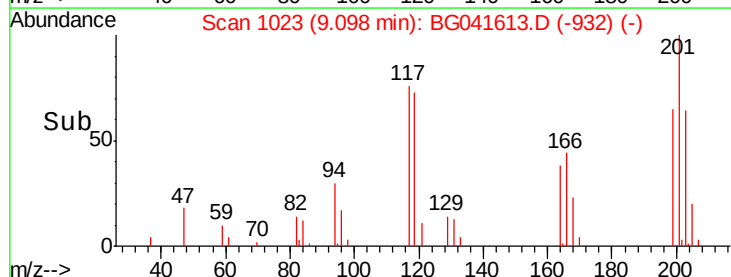
201 135.4 102.9 154.3

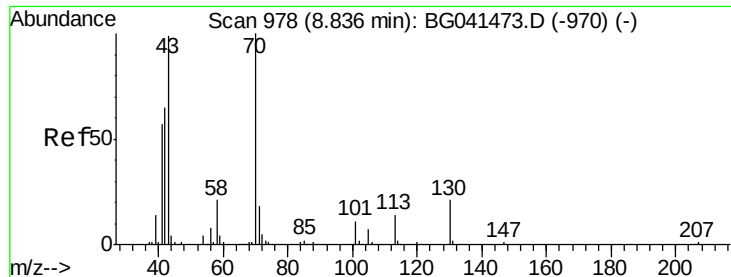


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

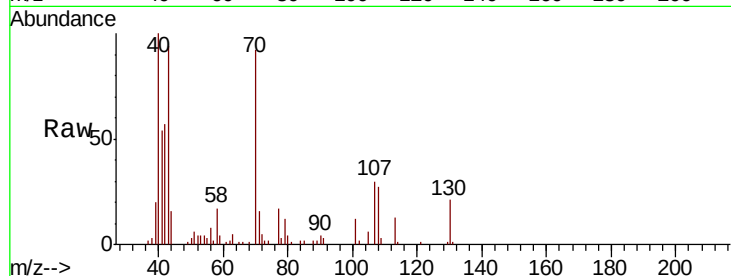




#19
n-Nitroso-di-n-propylamine
Concen: 16.594 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	28235
Ion	Ratio	Lower	Upper
70	100		
42	61.6	45.5	68.3
101	13.2	9.0	13.4
130	23.0	16.8	25.2



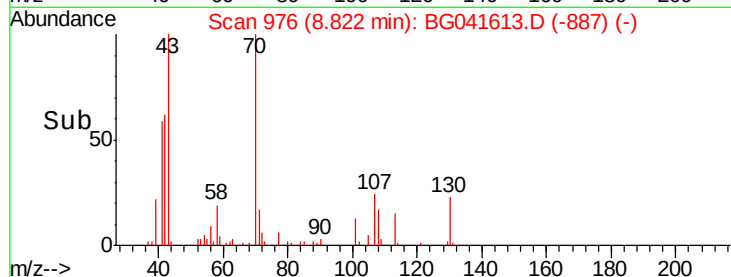
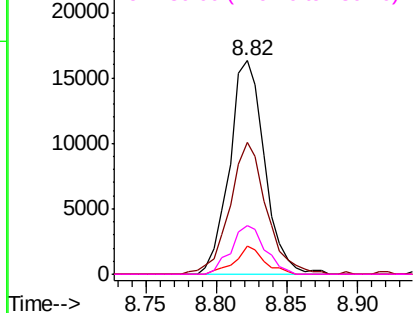
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

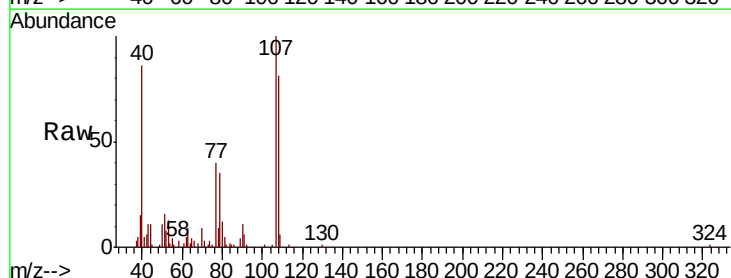
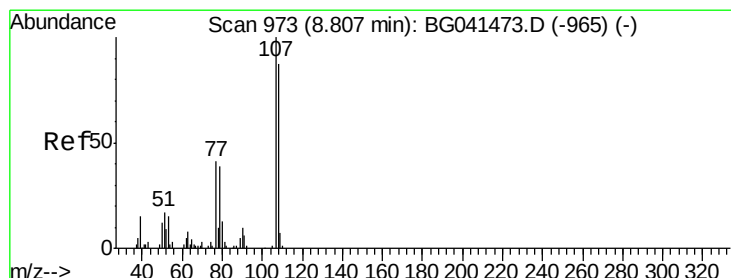
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 19.324 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Tgt Ion:	107	Resp:	43102
Ion	Ratio	Lower	Upper
107	100		
108	80.6	64.6	104.6
77	40.4	21.6	61.6
79	34.7	14.9	54.9



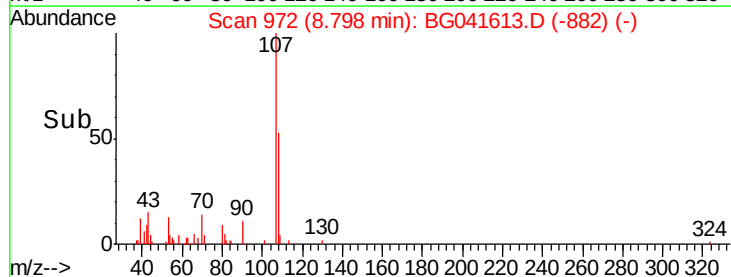
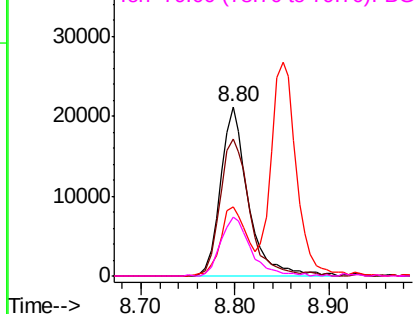
Abundance

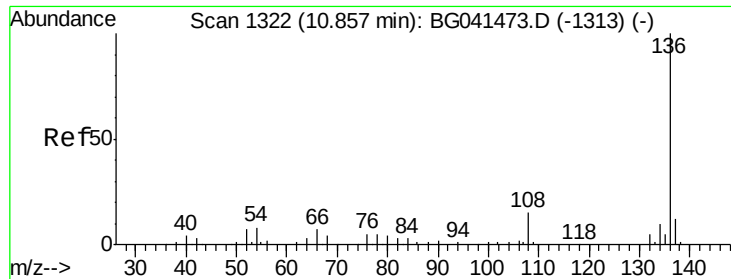
Ion 107.00 (106.70 to 107.70): BGC

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

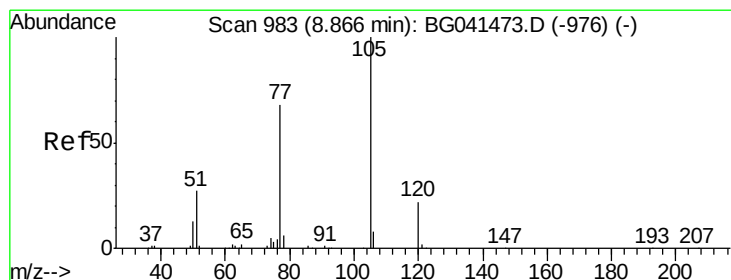
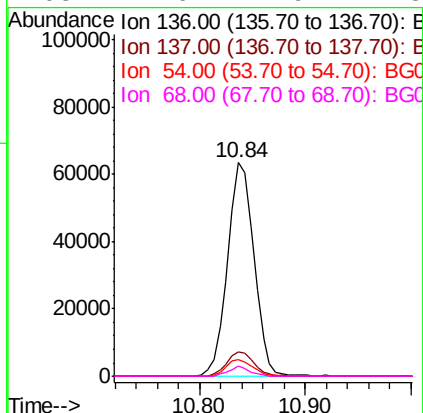
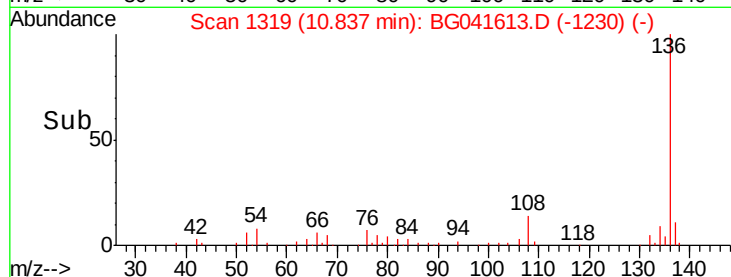
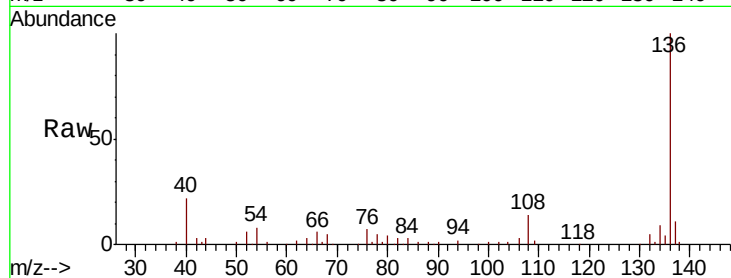




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

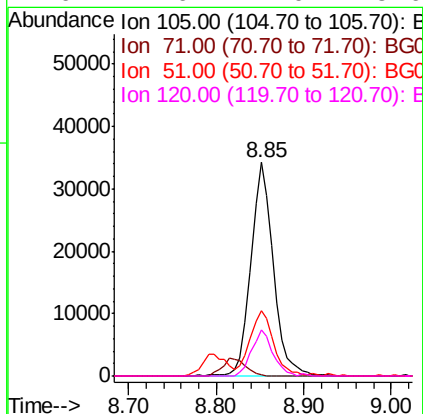
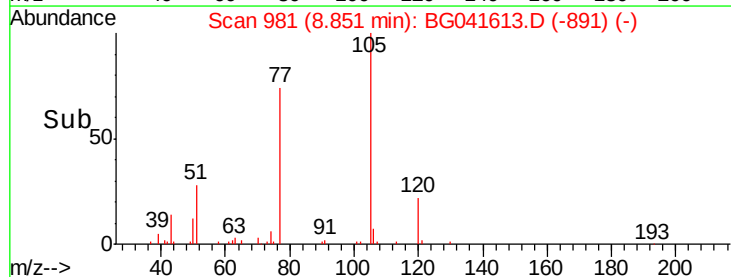
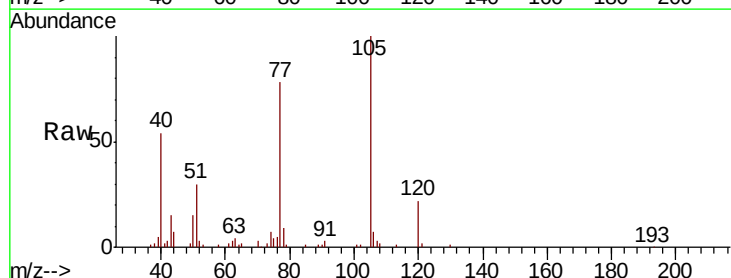
Instrument :
BNA_G
ClientSampled :

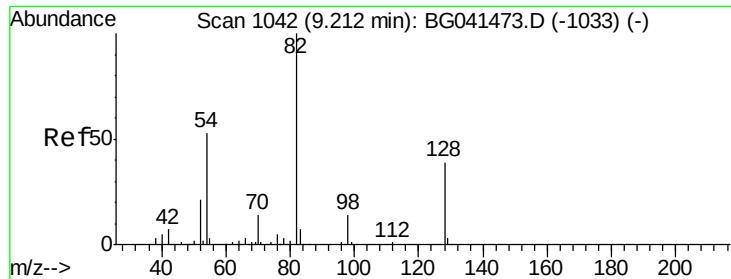
Tot Ion:136	Resp:	109820
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.4 14.2
54	7.9	6.0 9.0
68	4.6	2.9 4.3#



#22
Acetophenone
Concen: 18.047 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Tgt Ion:105	Resp:	59451
Ion Ratio	Lower	Upper
105	100	
71	0.4	0.9 1.3#
51	30.4	24.5 36.7
120	21.6	17.0 25.6

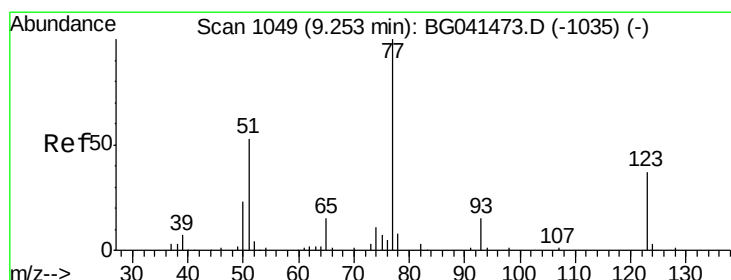
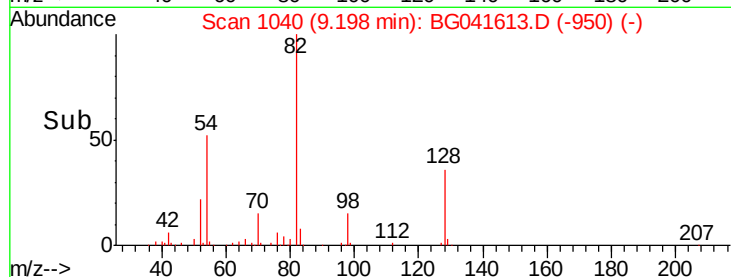
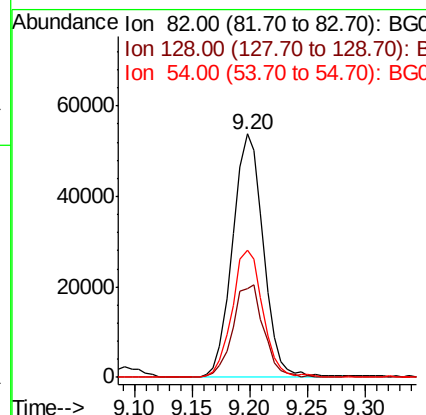
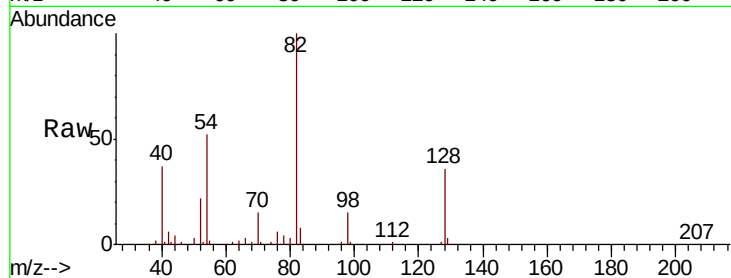




#23
 Nitrobenzene-d5
 Concen: 37.900 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG041613.D
 Acq: 5 Jul 2019 16:02

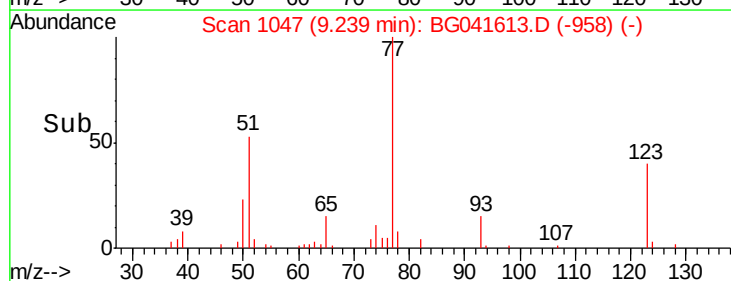
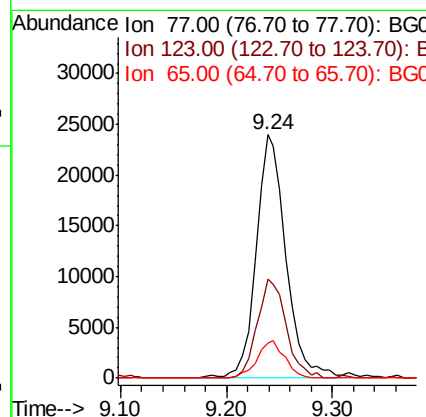
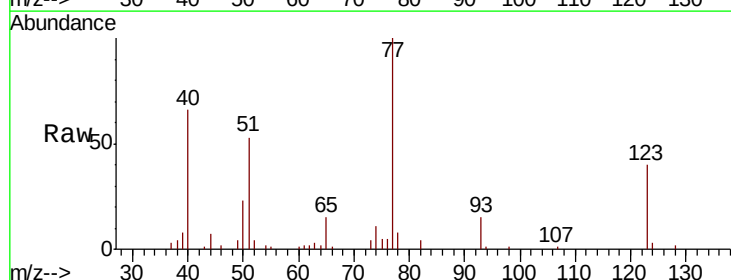
Instrument :
 BNA_G
 ClientSampleId :

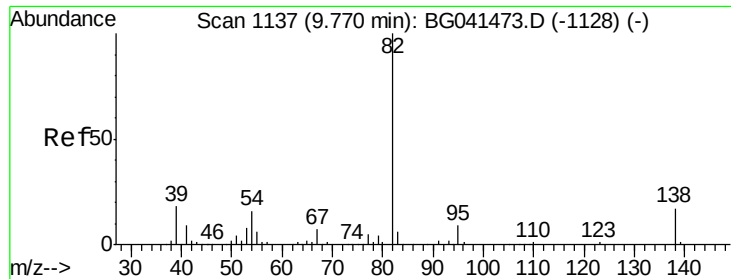
Tot Ion	82	Resp	99795
Ion Ratio	100	Lower	Upper
128	36.3	29.5	44.3
54	52.1	42.2	63.2



#24
 Nitrobenzene
 Concen: 17.773 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG041613.D
 Acq: 5 Jul 2019 16:02

Tgt Ion	77	Resp	46975
Ion Ratio	100	Lower	Upper
123	40.4	32.9	49.3
65	14.6	12.1	18.1





#25

Isophorone

Concen: 17.209 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

Instrument :

BNA_G

ClientSampleId :

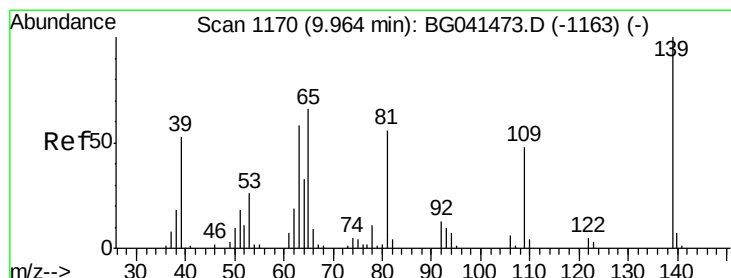
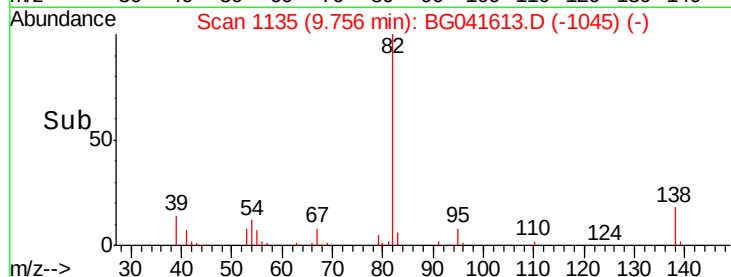
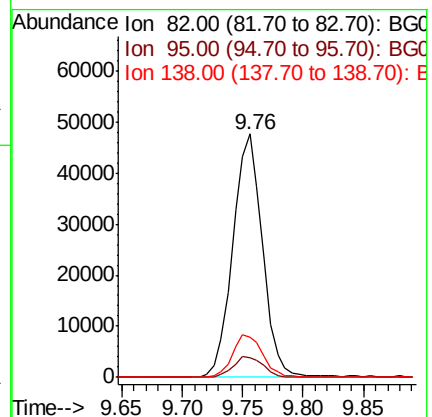
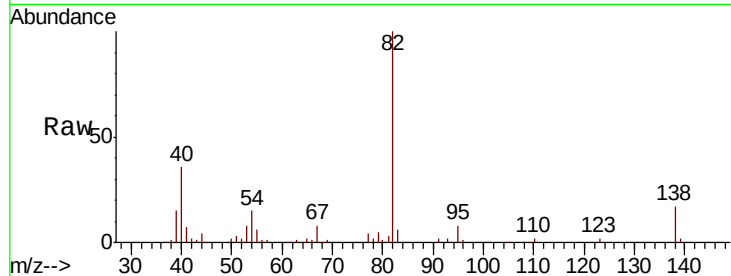
Tot Ion: 82 Resp: 81356

Ion Ratio Lower Upper

82 100

95 7.8 7.5 11.3

138 16.6 14.6 22.0



#26

2-Nitrophenol

Concen: 18.640 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

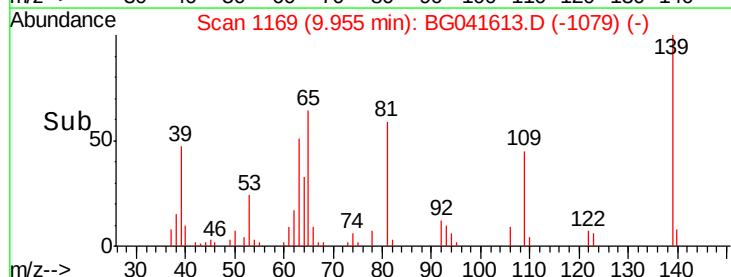
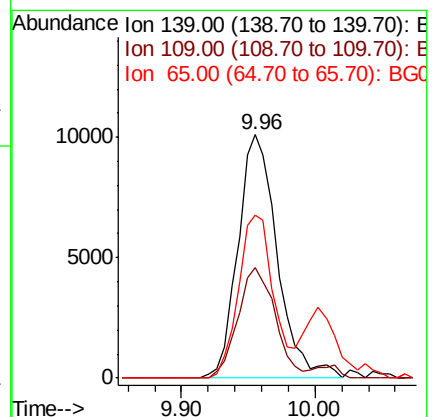
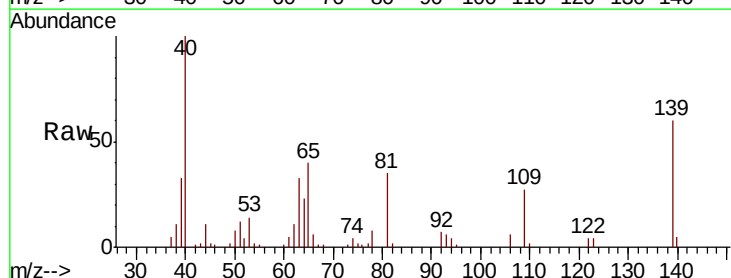
Tgt Ion: 139 Resp: 20575

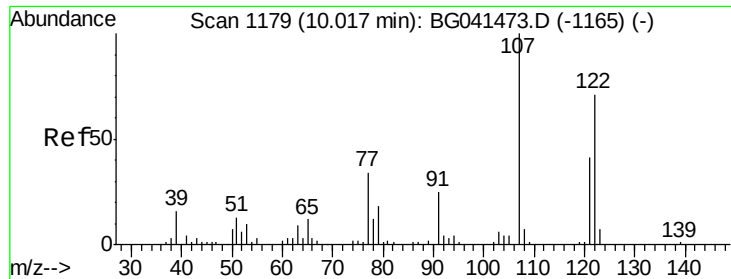
Ion Ratio Lower Upper

139 100

109 45.3 34.1 51.1

65 66.7 47.7 71.5

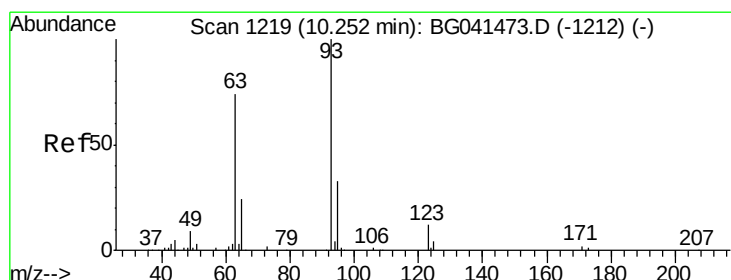
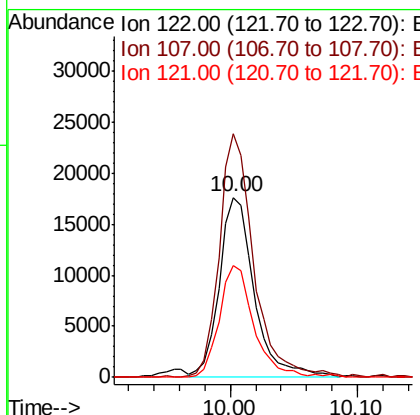
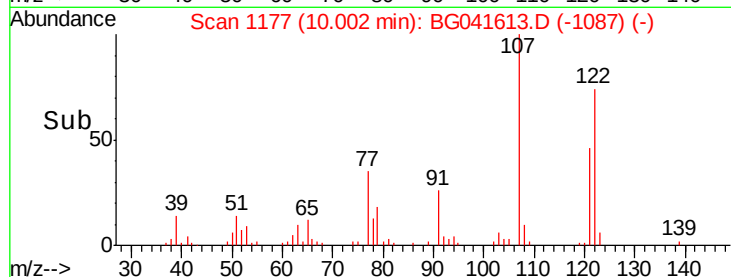
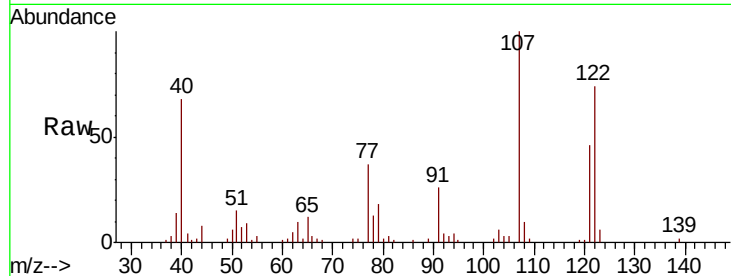




#27
2,4-Dimethylphenol
Concen: 21.935 ng
RT: 10.00 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

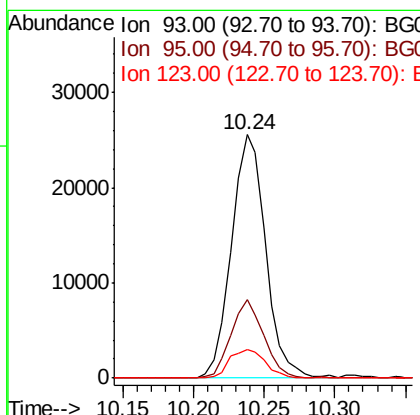
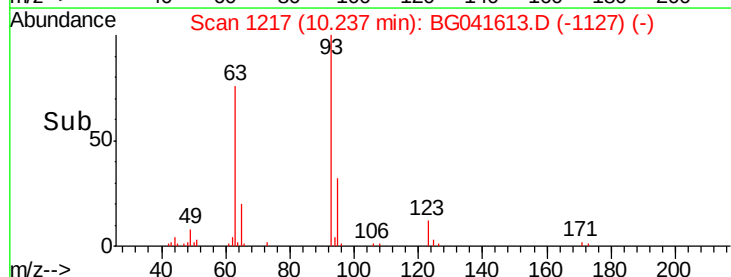
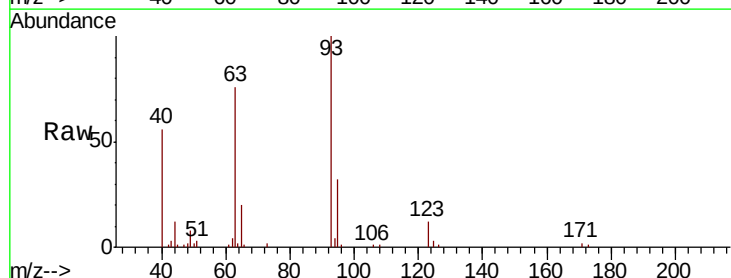
Instrument :
BNA_G
ClientSampled :

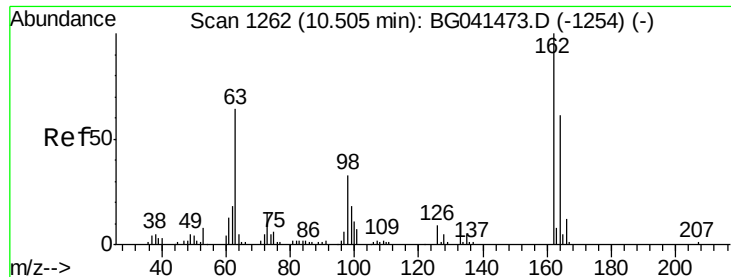
Tot Ion:122 Resp: 33697
Ion Ratio Lower Upper
122 100
107 135.2 115.4 173.2
121 61.8 49.4 74.0



#28
bis(2-Chloroethoxy)methane
Concen: 17.260 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Tgt Ion: 93 Resp: 43147
Ion Ratio Lower Upper
93 100
95 32.2 25.5 38.3
123 11.5 10.2 15.2

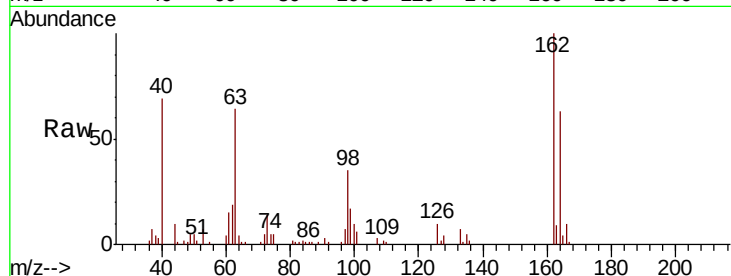




#29
 2,4-Dichlorophenol
 Concen: 20.335 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG041613.D
 Acq: 5 Jul 2019 16:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	162	Resp	42194
Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.6	84.6
98	35.1	12.4	52.4

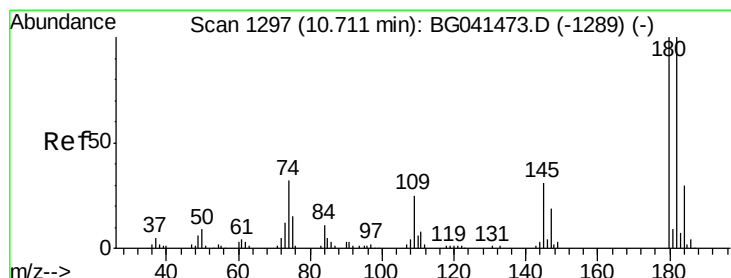
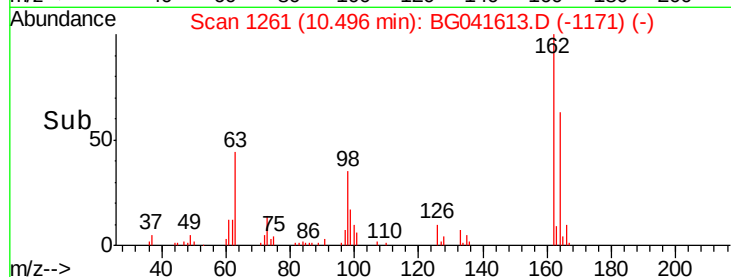
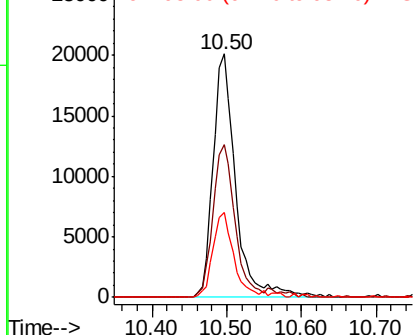


Abundance

Ion 162.00 (161.70 to 162.70): E

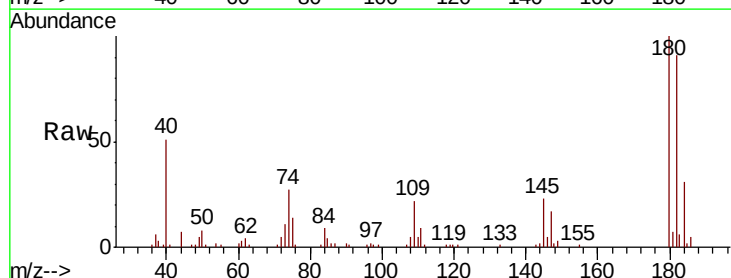
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 17.628 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BG041613.D
 Acq: 5 Jul 2019 16:02

Tgt Ion	180	Resp	46882
Ion	Ratio	Lower	Upper
180	100		
182	90.9	73.8	110.6
145	23.1	22.2	33.2

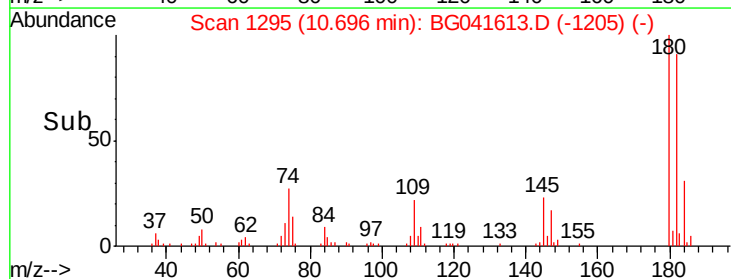
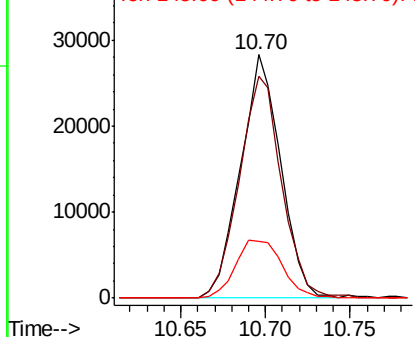


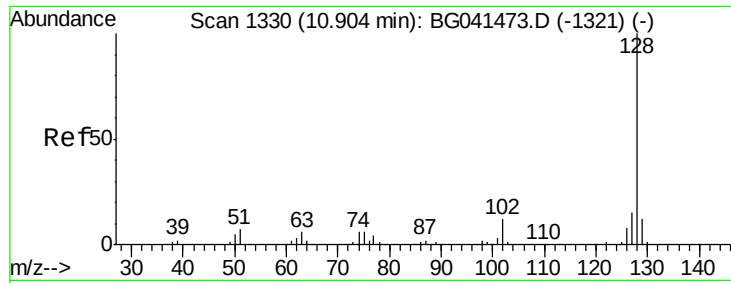
Abundance

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

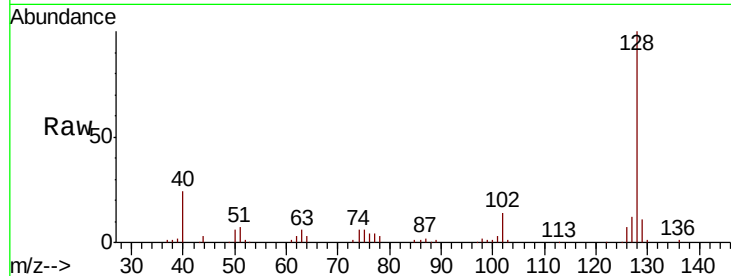




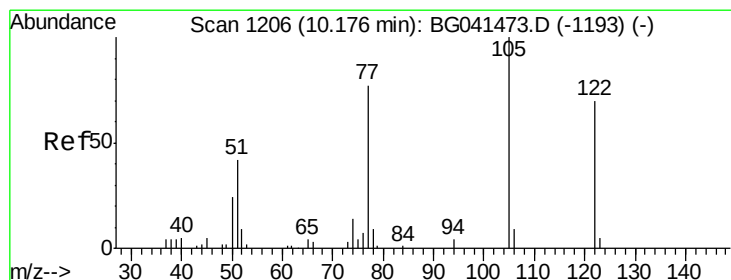
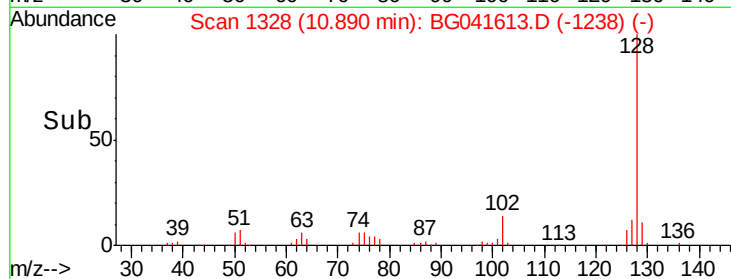
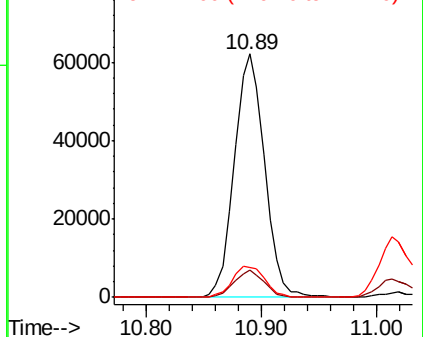
#31
Naphthalene
Concen: 18.555 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 112692
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 12.3 11.1 16.7

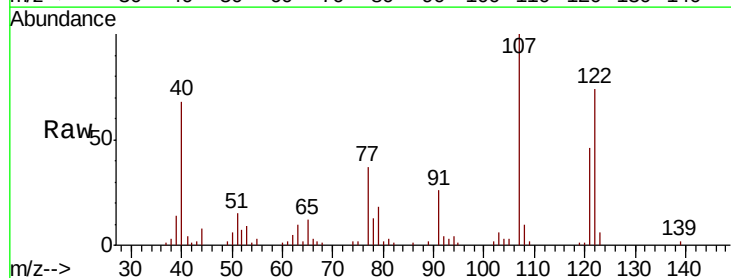


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

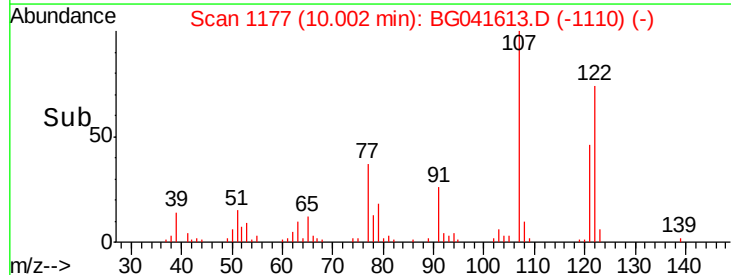
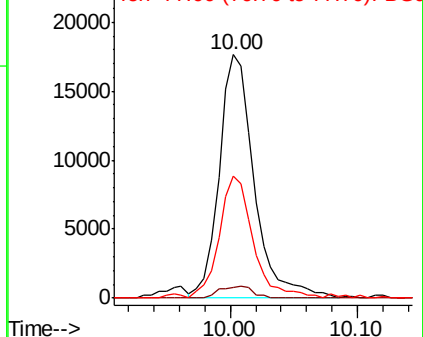


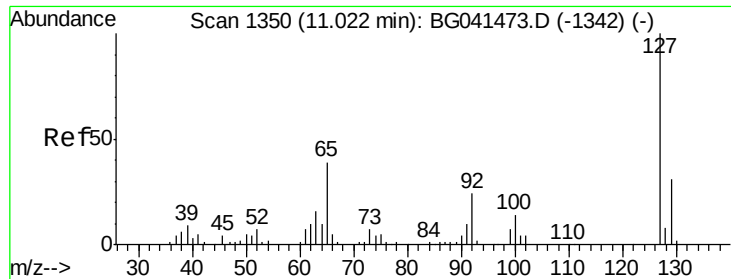
#32
Benzoic acid
Concen: 40.913 ng
RT: 10.00 min Scan# 1177
Delta R.T. -0.14 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Tgt Ion:122 Resp: 33697
Ion Ratio Lower Upper
122 100
105 4.5 118.7 158.7#
77 49.9 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

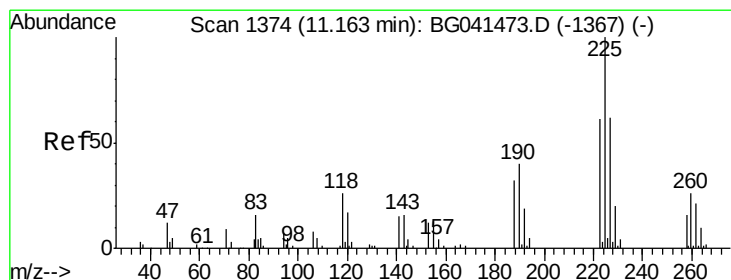
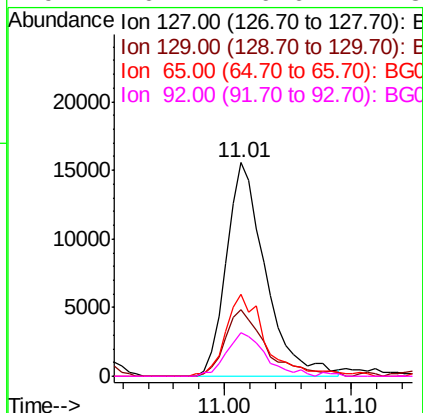
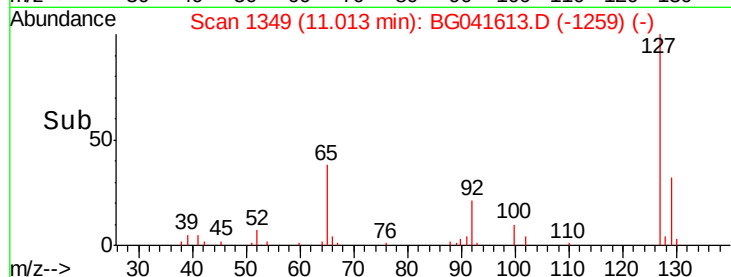
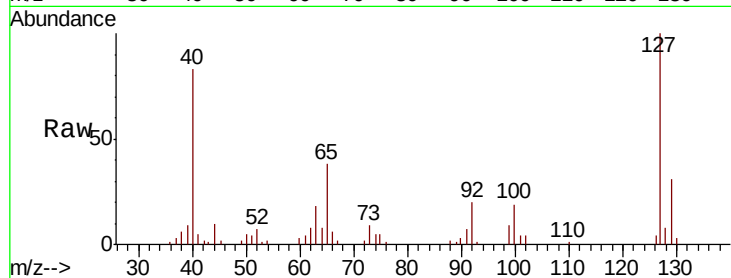




#33
4-Chloroaniline
Concen: 12.961 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

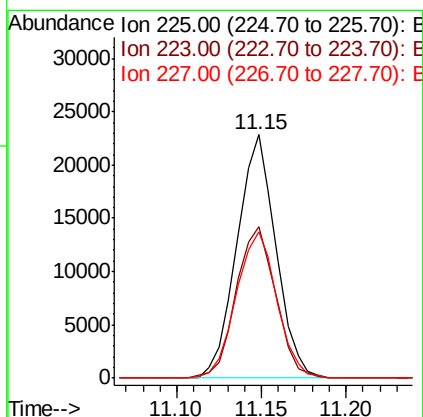
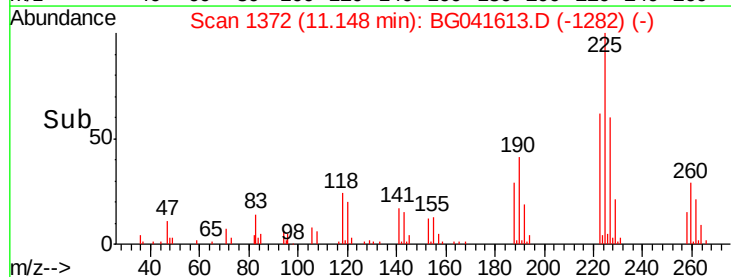
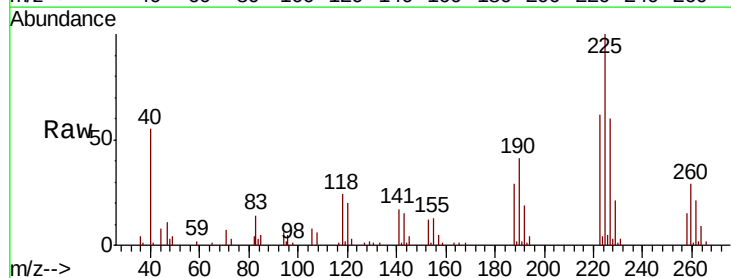
Instrument :
BNA_G
ClientSampled :

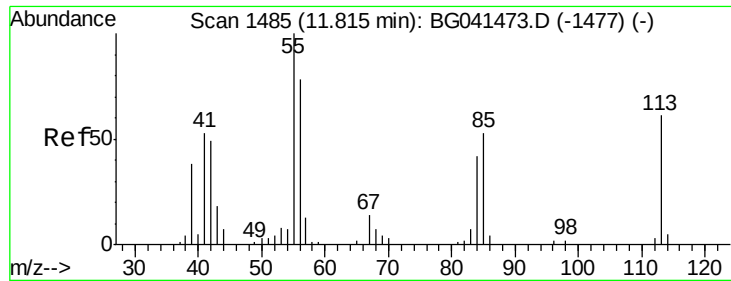
Tot Ion:127	Resp:	33136
Ion Ratio	Lower	Upper
127	100	
129	31.0	25.4 38.0
65	38.3	27.1 40.7
92	20.1	16.6 24.8



#34
Hexachlorobutadiene
Concen: 17.357 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Tgt Ion:225	Resp:	36643
Ion Ratio	Lower	Upper
225	100	
223	62.4	49.4 74.2
227	60.2	49.3 73.9

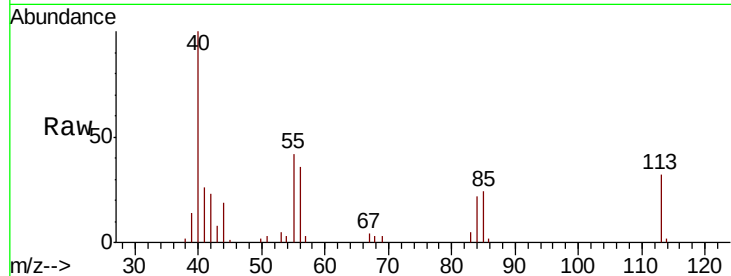




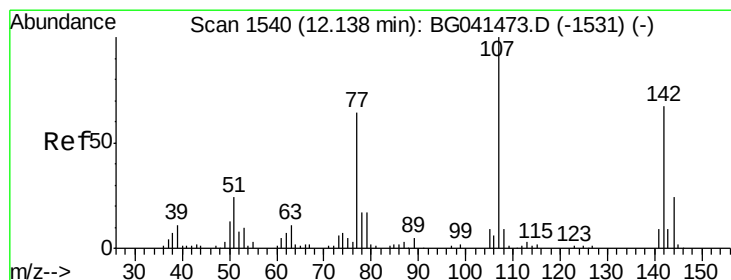
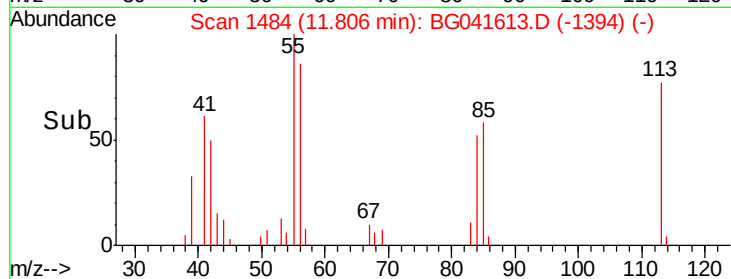
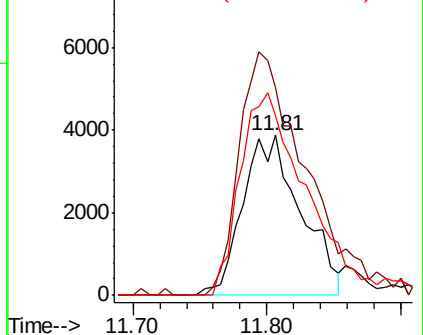
#35
 Caprolactam
 Concen: 17.898 ng
 RT: 11.81 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BG041613.D
 Acq: 5 Jul 2019 16:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 11596
 Ion Ratio Lower Upper
 113 100
 55 129.6 132.6 172.6#
 56 112.0 107.8 147.8

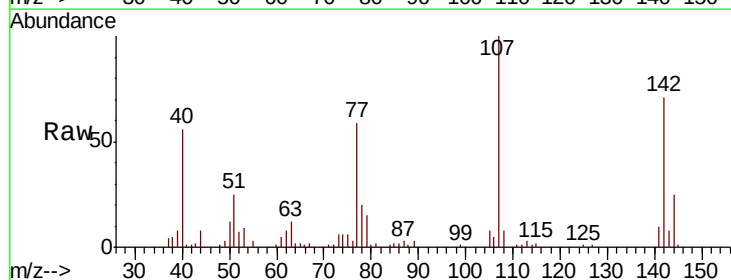


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

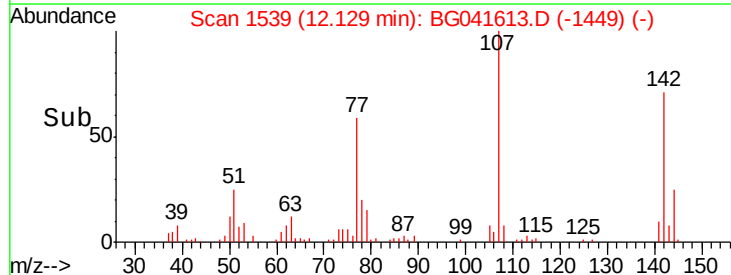
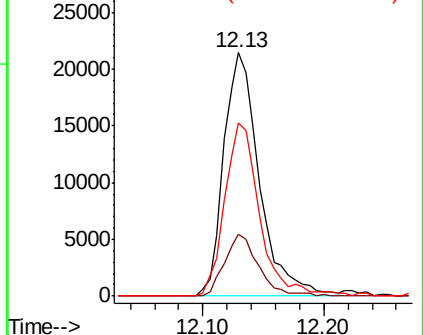


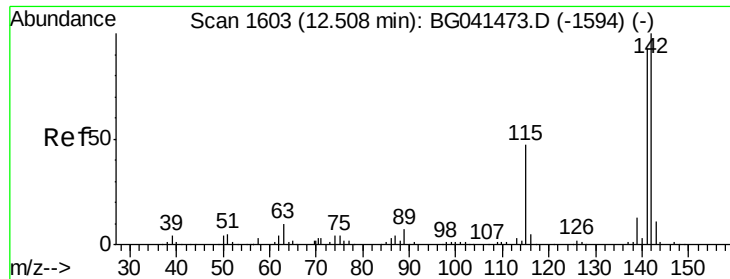
#36
 4-Chloro-3-methylphenol
 Concen: 19.498 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BG041613.D
 Acq: 5 Jul 2019 16:02

Tgt Ion:107 Resp: 43835
 Ion Ratio Lower Upper
 107 100
 144 25.4 18.6 27.8
 142 71.2 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

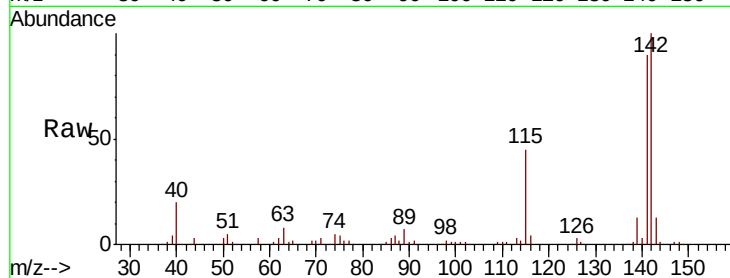




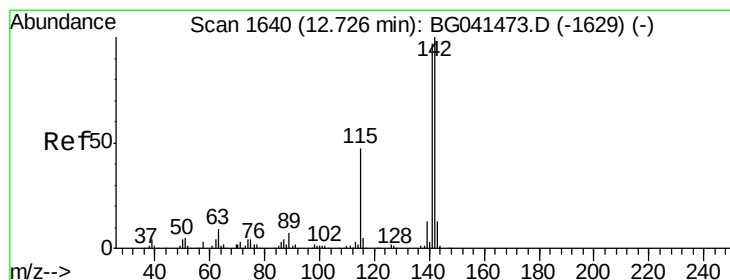
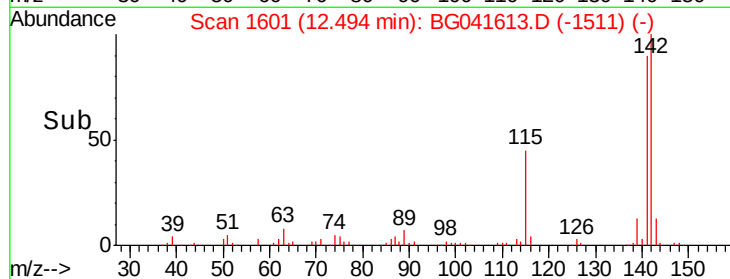
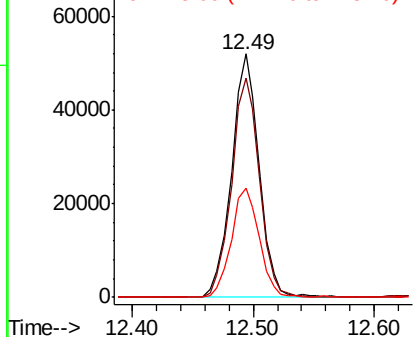
#37
2-Methylnaphthalene
Concen: 18.297 ng
RT: 12.49 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 82098
Ion Ratio Lower Upper
142 100
141 90.2 71.1 106.7
115 44.6 37.2 55.8

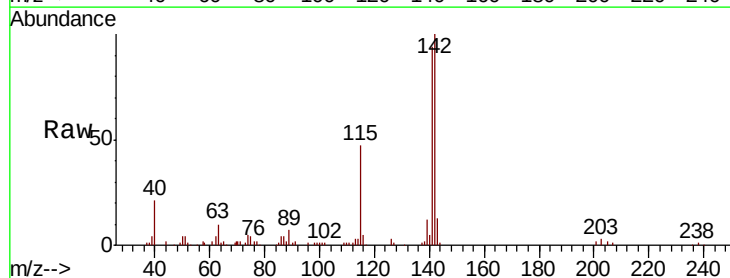


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

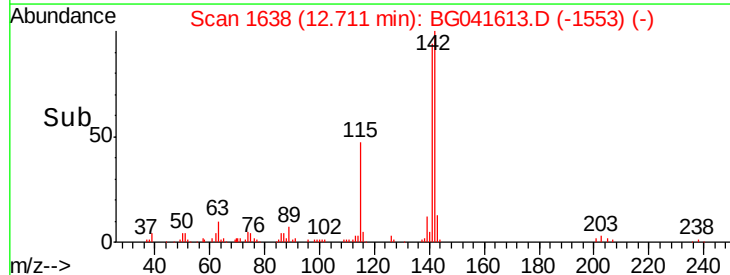
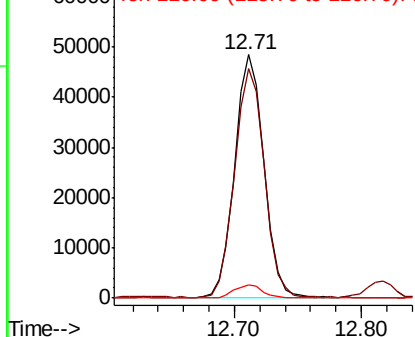


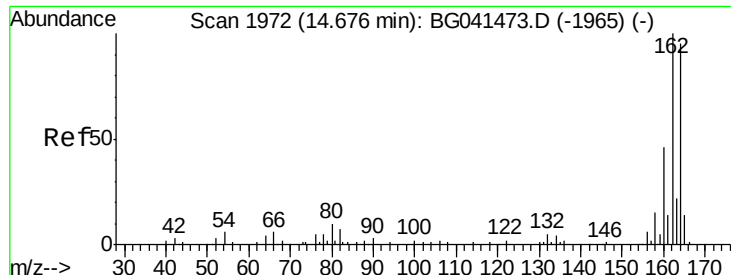
#38
1-Methylnaphthalene
Concen: 18.037 ng
RT: 12.71 min Scan# 1638
Delta R.T. -0.00 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Tgt Ion:142 Resp: 77208
Ion Ratio Lower Upper
142 100
141 94.0 76.3 114.5
116 5.4 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: BG041613.D

Acq: 5 Jul 2019 16:02

Instrument :

BNA_G

ClientSampleId :

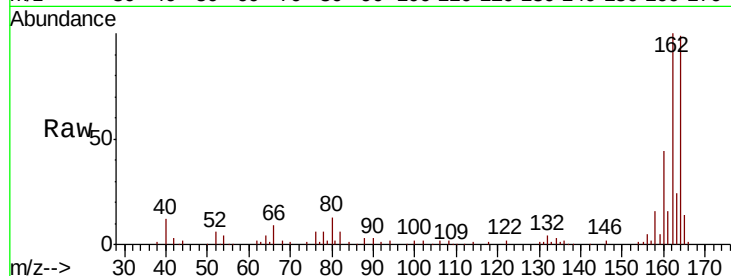
Tot Ion:164 Resp: 76179

Ion Ratio Lower Upper

164 100

162 100.9 83.0 124.4

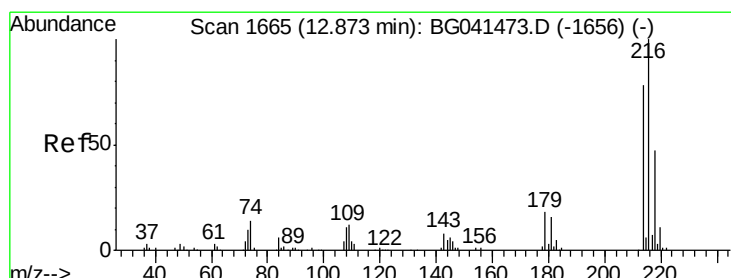
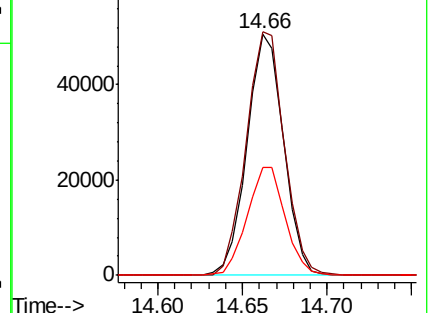
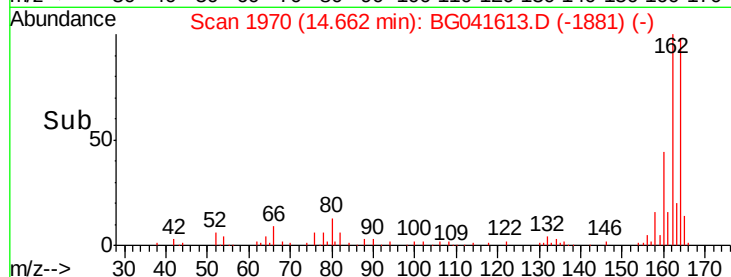
160 44.7 34.2 51.4



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: 19.122 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

Tgt Ion:216 Resp: 64145

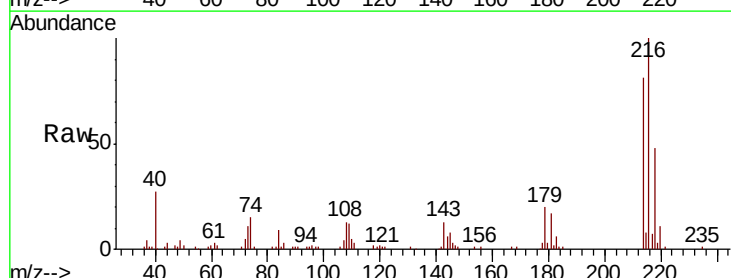
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.6

179 19.6 15.0 22.6

108 13.1 11.0 16.4

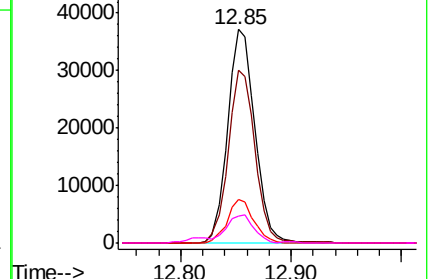
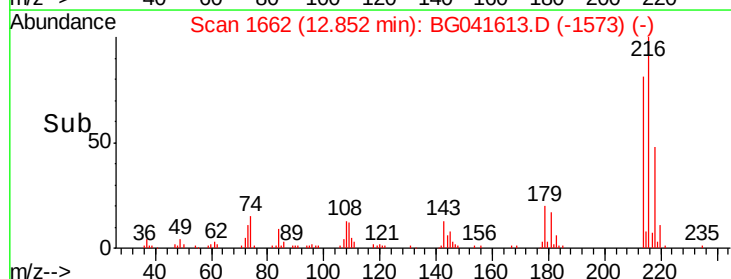


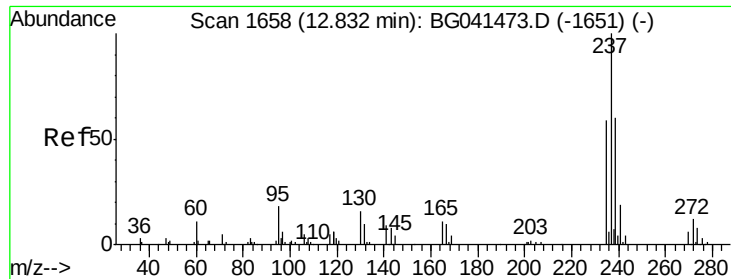
Abundance Ion 216.00 (215.70 to 216.70): E

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: 31.318 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

Instrument :

BNA_G

ClientSampled :

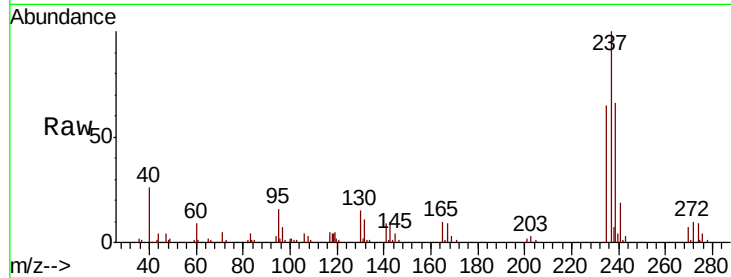
Tot Ion:237 Resp: 52766

Ion Ratio Lower Upper

237 100

235 64.6 43.7 83.7

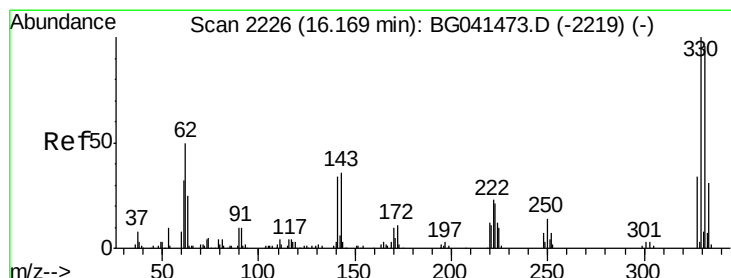
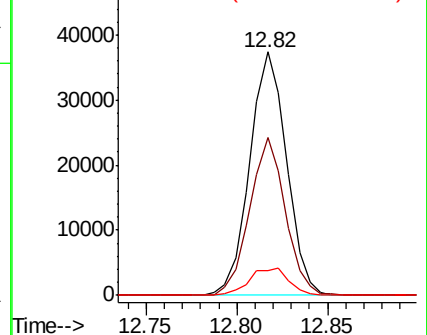
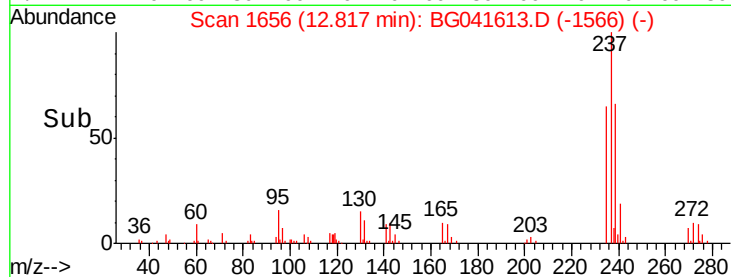
272 10.3 0.0 31.5



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: 68.988 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

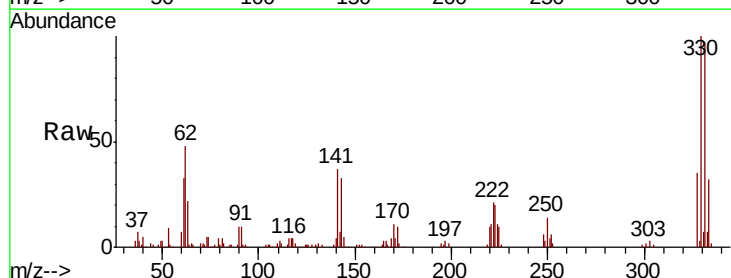
Tgt Ion:330 Resp: 89733

Ion Ratio Lower Upper

330 100

332 95.2 76.9 115.3

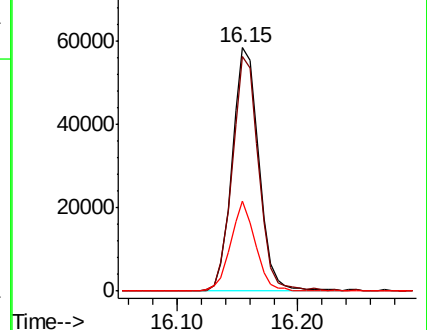
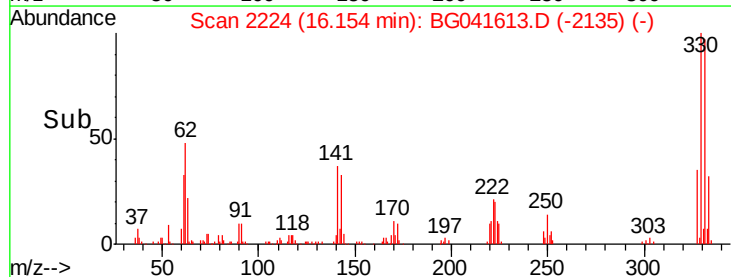
141 34.1 28.4 42.6

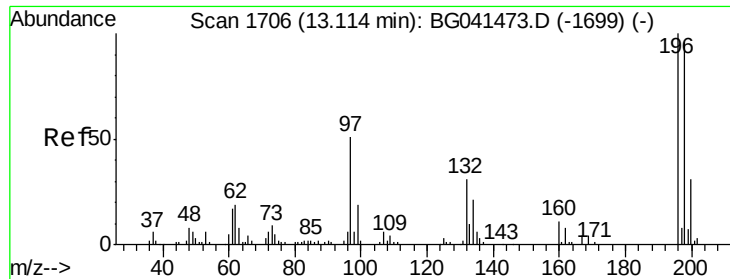


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

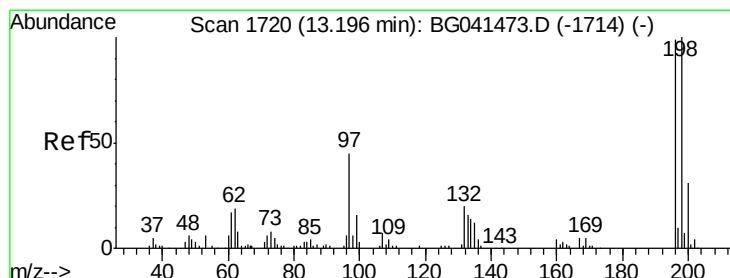
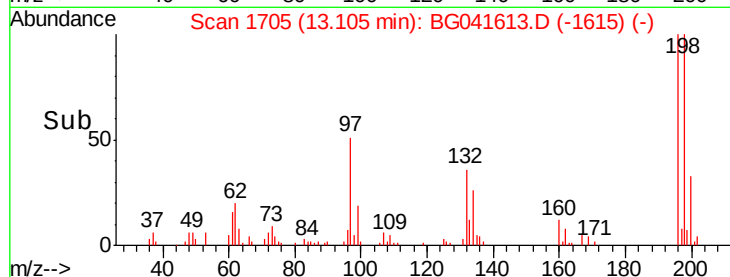
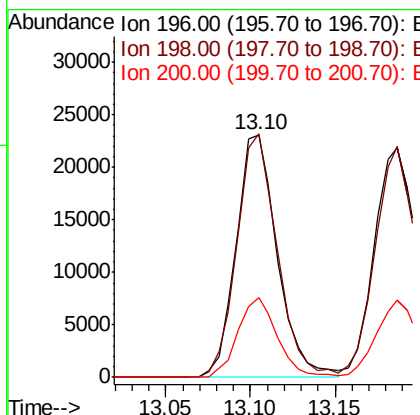
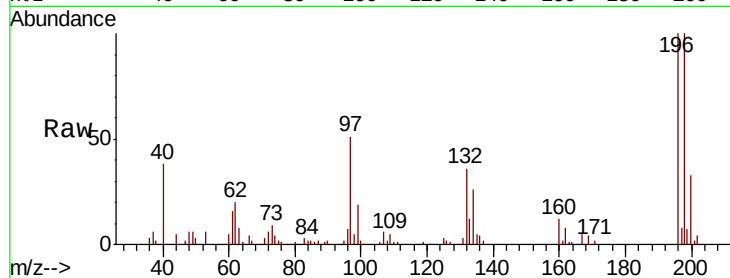




#43
 2,4,6-Trichlorophenol
 Concen: 19.703 ng
 RT: 13.10 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG041613.D
 Acq: 5 Jul 2019 16:02

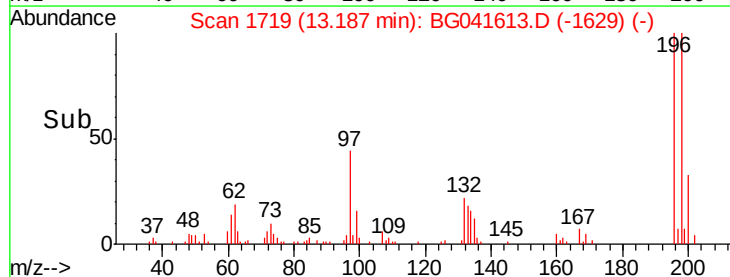
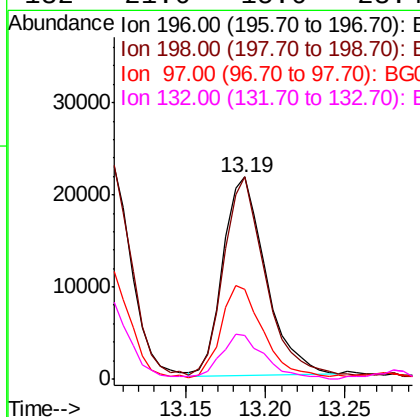
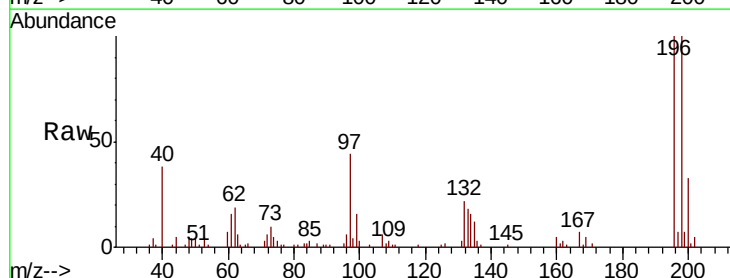
Instrument :
 BNA_G
 ClientSampled :

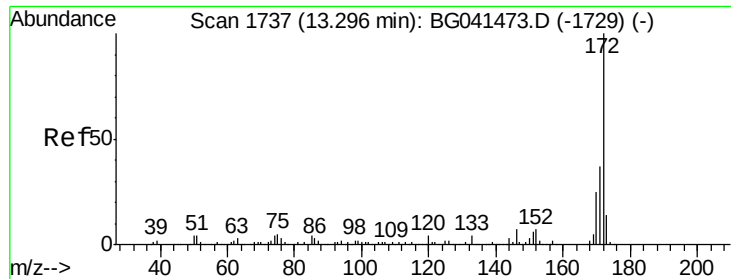
Tot Ion:196 Resp: 39213
 Ion Ratio Lower Upper
 196 100
 198 100.5 79.8 119.8
 200 32.7 26.2 39.4



#44
 2,4,5-Trichlorophenol
 Concen: 20.330 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BG041613.D
 Acq: 5 Jul 2019 16:02

Tgt Ion:196 Resp: 40310
 Ion Ratio Lower Upper
 196 100
 198 100.4 75.6 113.4
 97 44.5 30.3 45.5
 132 21.6 15.6 23.4

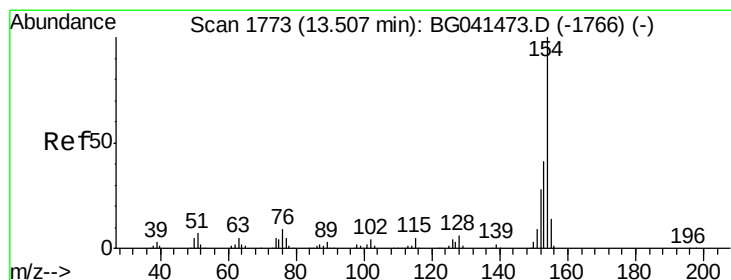
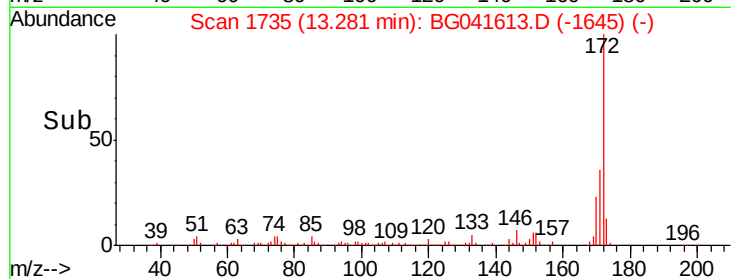
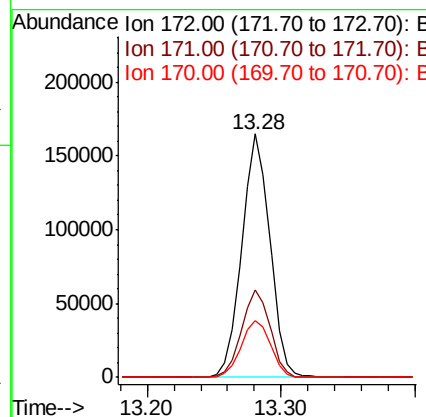
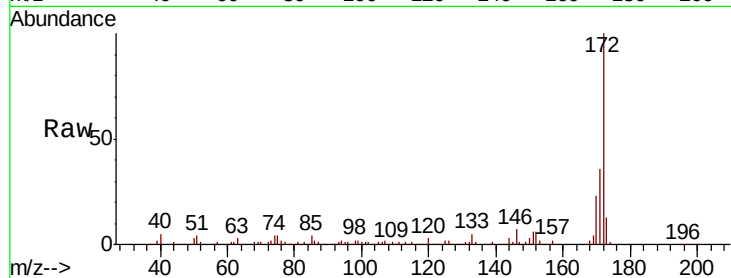




#45
2-Fluorobiphenyl
Concen: 40.355 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

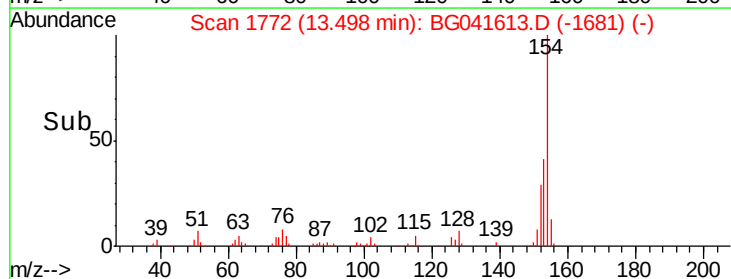
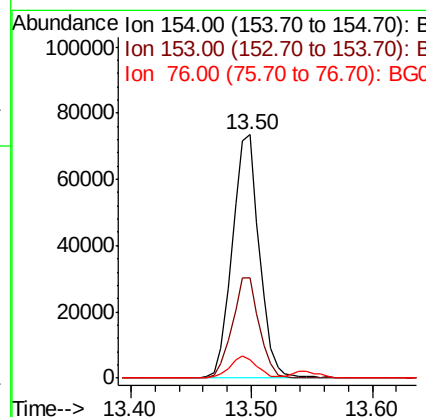
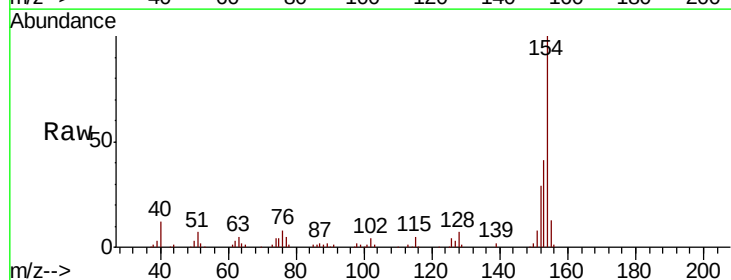
Instrument :
BNA_G
ClientSampleId :

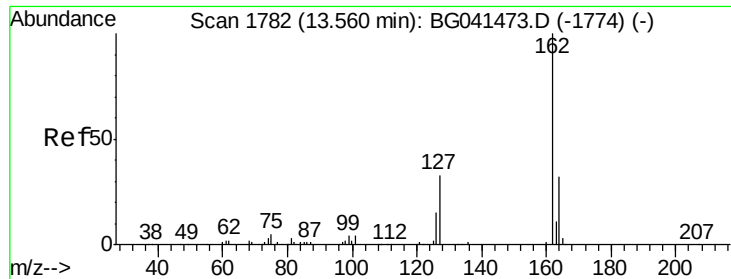
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.9	46.3
170	23.2	20.0	30.0



#46
1,1'-Biphenyl
Concen: 19.008 ng
RT: 13.50 min Scan# 1772
Delta R.T. 0.01 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.4	61.4
76	7.8	0.0	29.5

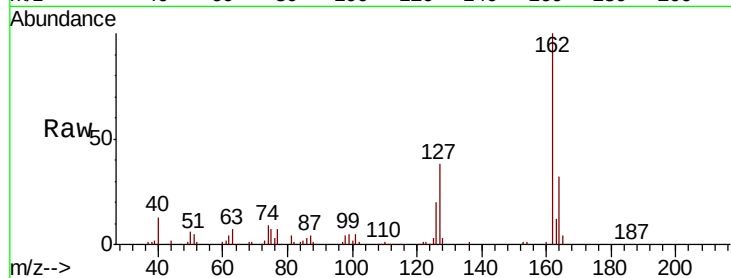




#47
2-Chloronaphthalene
Concen: 18.299 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.3	45.5
164	31.9	25.9	38.9

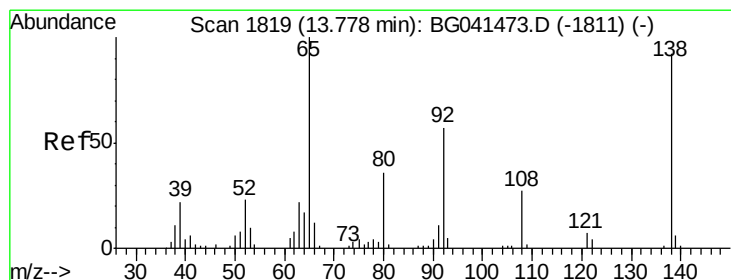
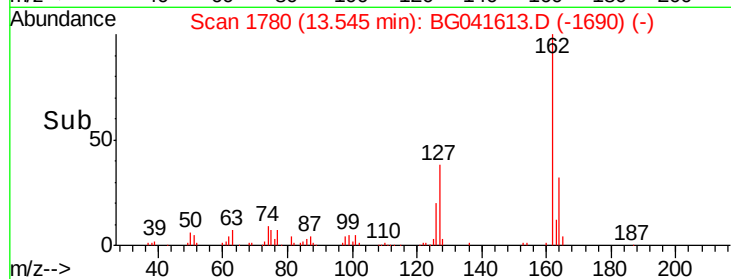
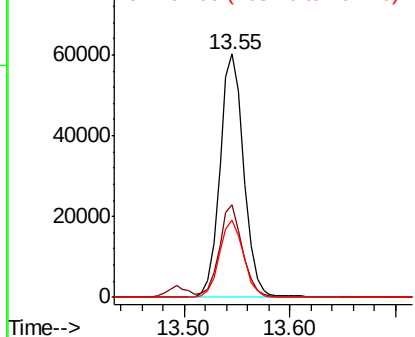


Abundance

Ion 162.00 (161.70 to 162.70): E

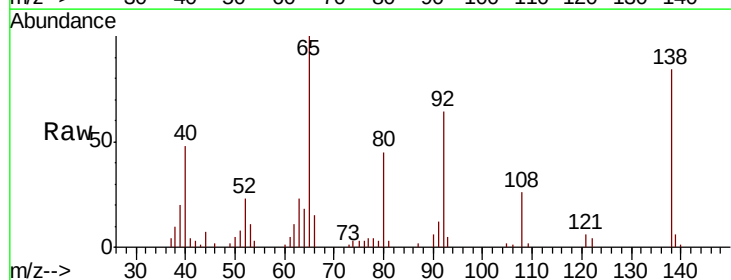
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 15.832 ng
RT: 13.76 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.6	53.3	79.9
138	83.8	77.0	115.4

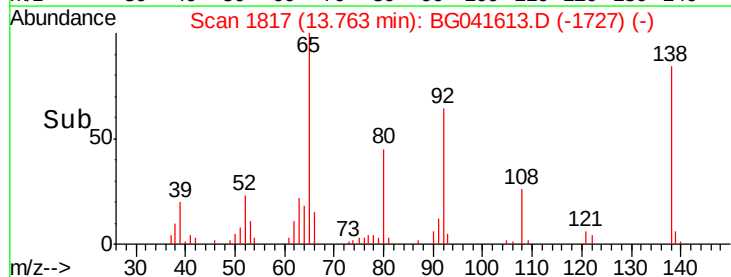
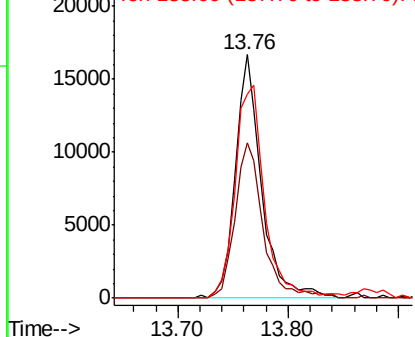


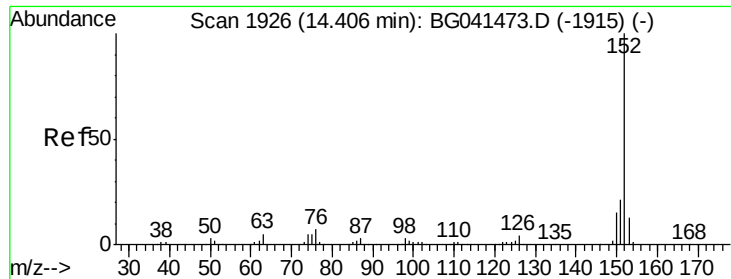
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 18.998 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

Instrument :

BNA_G

ClientSampleId :

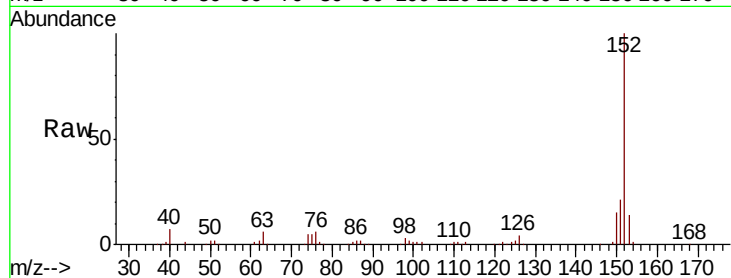
Tot Ion:152 Resp: 146602

Ion Ratio Lower Upper

152 100

151 20.9 17.3 25.9

153 14.0 11.2 16.8

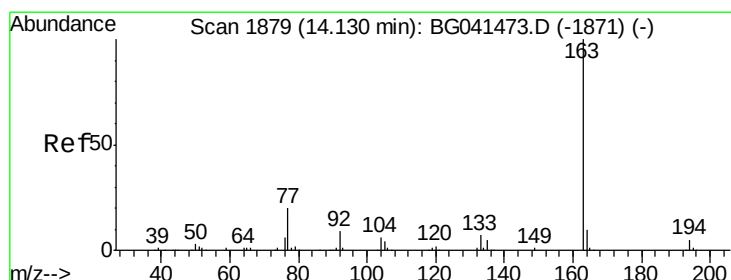
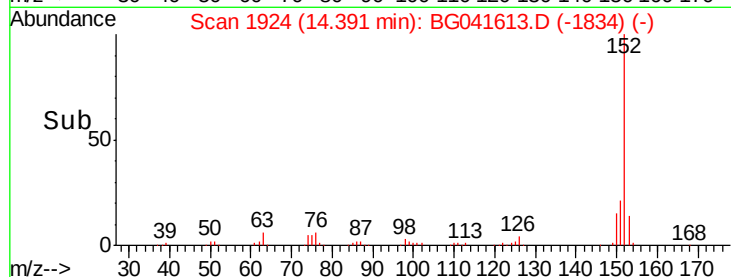
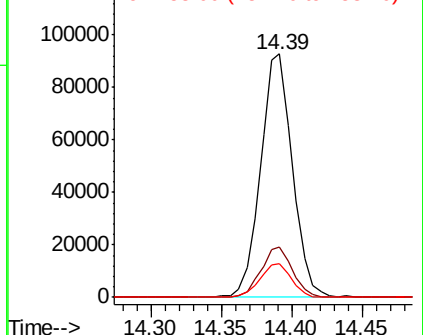


Abundance

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: 21.626 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

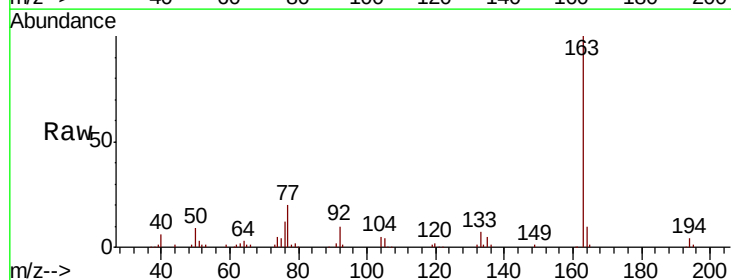
Tgt Ion:163 Resp: 149918

Ion Ratio Lower Upper

163 100

194 4.4 3.9 5.9

164 10.4 8.0 12.0

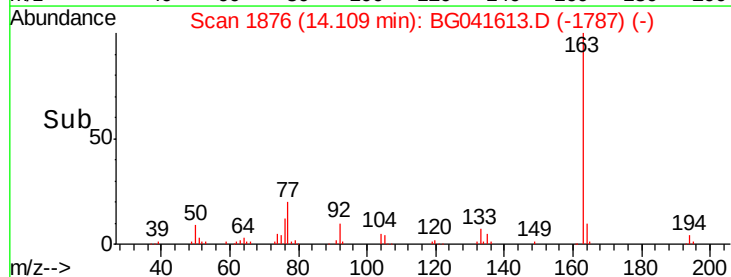
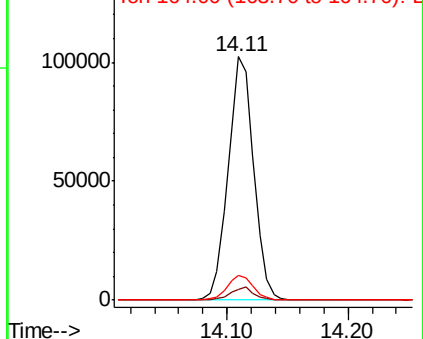


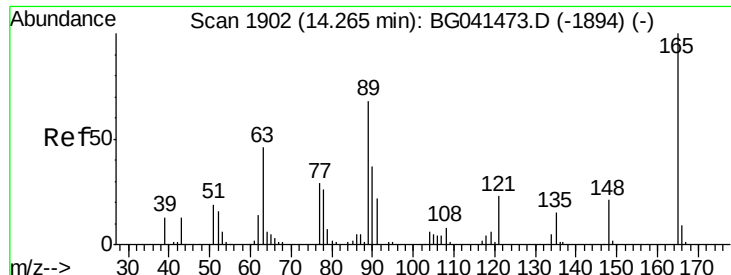
Abundance

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

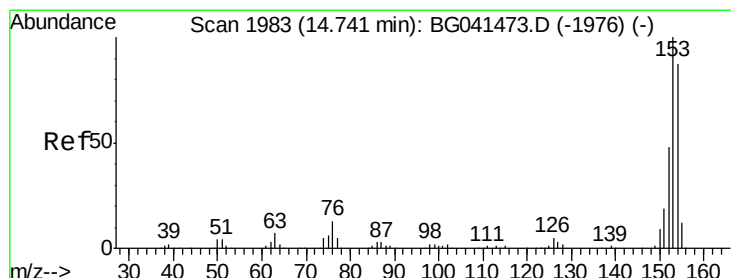
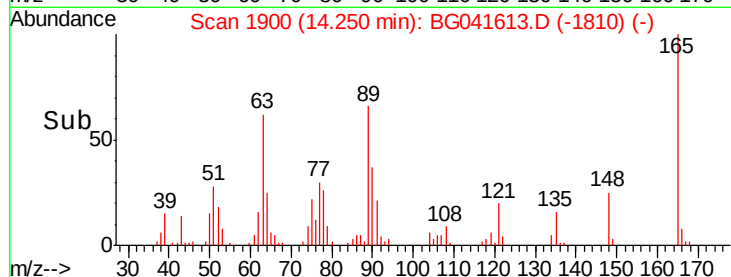
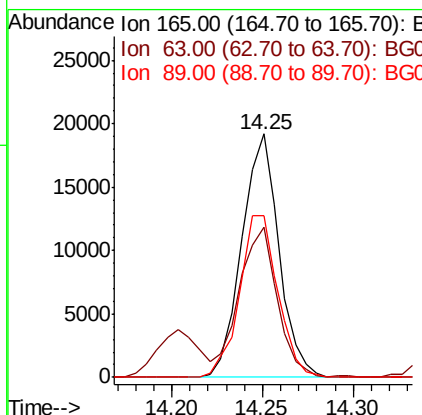
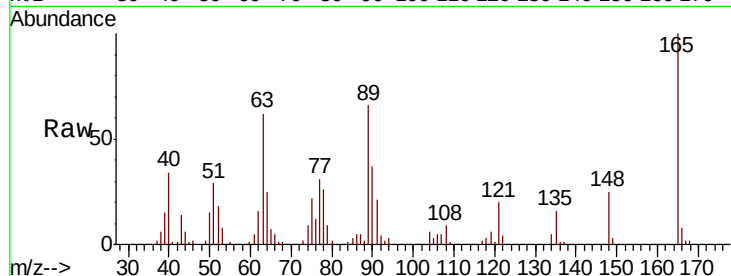




#51
 2,6-Dinitrotoluene
 Concen: 18.517 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.00 min
 Lab File: BG041613.D
 Acq: 5 Jul 2019 16:02

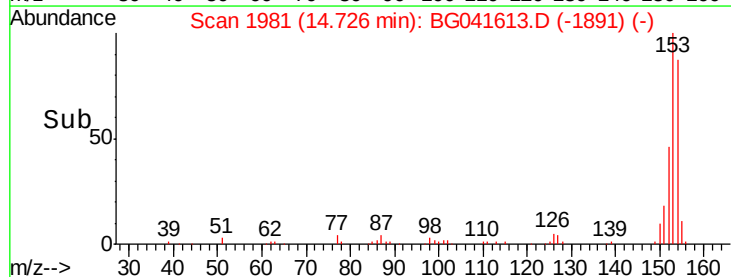
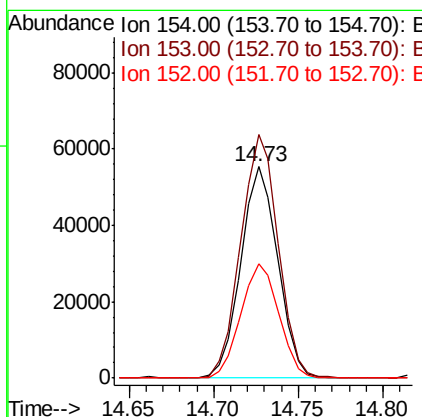
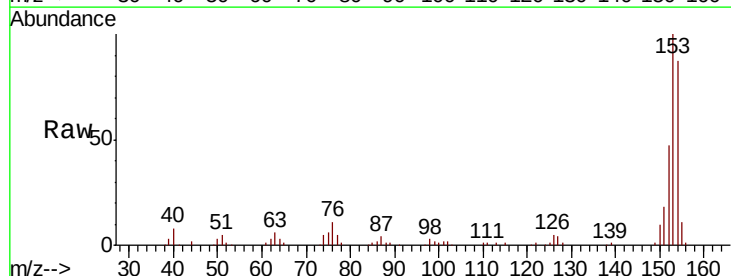
Instrument :
 BNA_G
 ClientSampled :

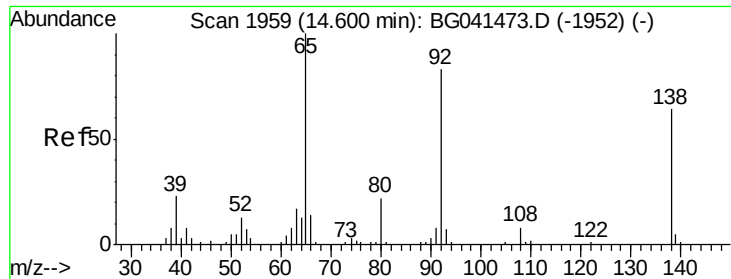
Tot Ion:165 Resp: 27242
 Ion Ratio Lower Upper
 165 100
 63 61.8 53.4 80.0
 89 66.2 53.2 79.8



#52
 Acenaphthene
 Concen: 18.463 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BG041613.D
 Acq: 5 Jul 2019 16:02

Tgt Ion:154 Resp: 84487
 Ion Ratio Lower Upper
 154 100
 153 115.3 92.8 139.2
 152 54.4 44.6 67.0

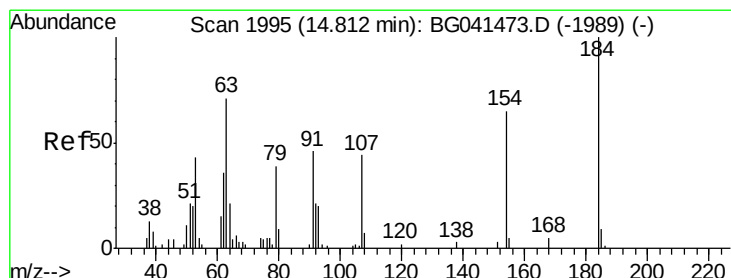
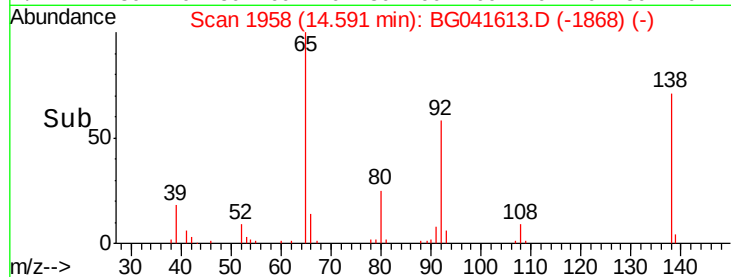
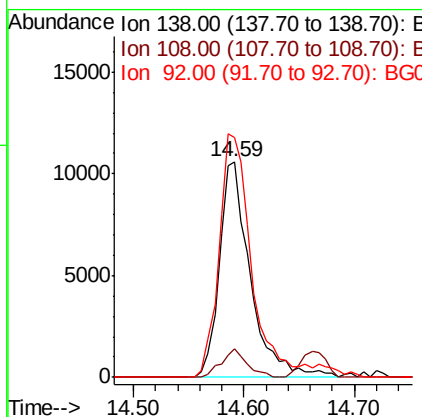
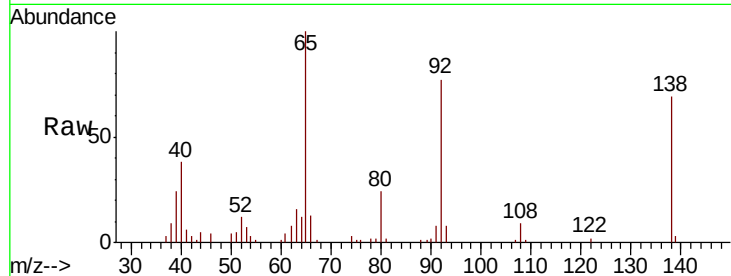




#53
 3-Nitroaniline
 Concen: 14.700 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG041613.D
 Acq: 5 Jul 2019 16:02

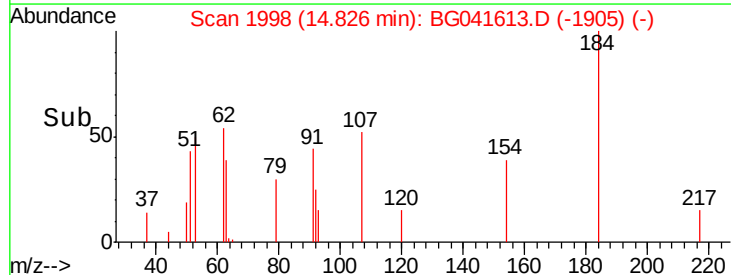
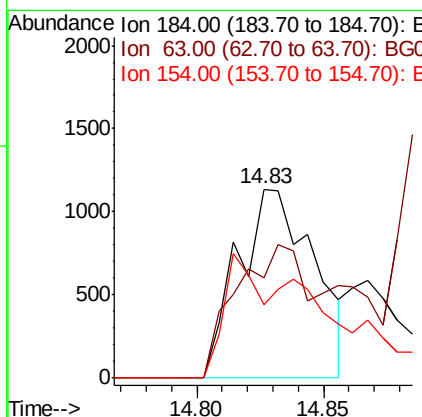
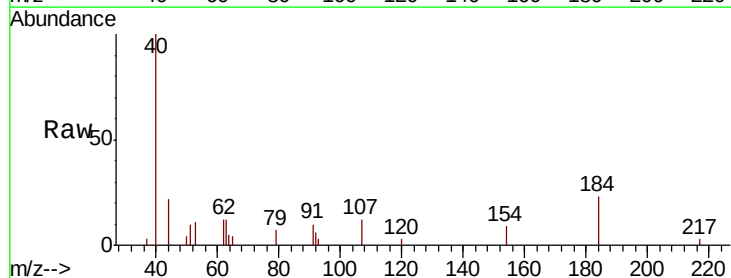
Instrument :
 BNA_G
 ClientSampleId :

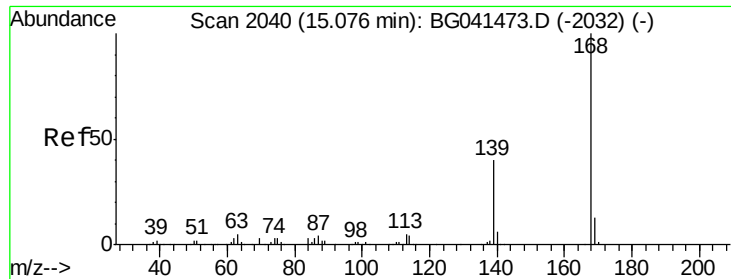
Tot Ion:138 Resp: 20646
 Ion Ratio Lower Upper
 138 100
 108 13.4 8.0 12.0#
 92 111.1 96.2 144.2



#54
 2,4-Dinitrophenol
 Concen: 10.145 ng
 RT: 14.83 min Scan# 1998
 Delta R.T. 0.02 min
 Lab File: BG041613.D
 Acq: 5 Jul 2019 16:02

Tgt Ion:184 Resp: 2372
 Ion Ratio Lower Upper
 184 100
 63 53.4 53.4 80.0#
 154 38.7 56.4 84.6#

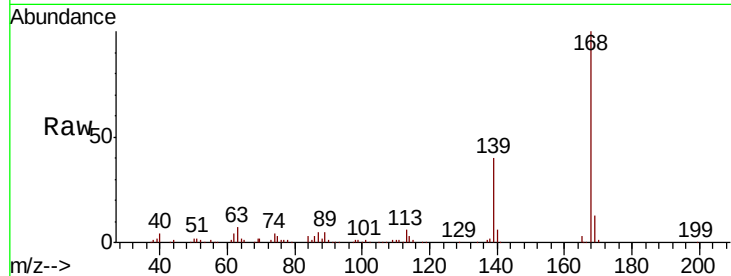




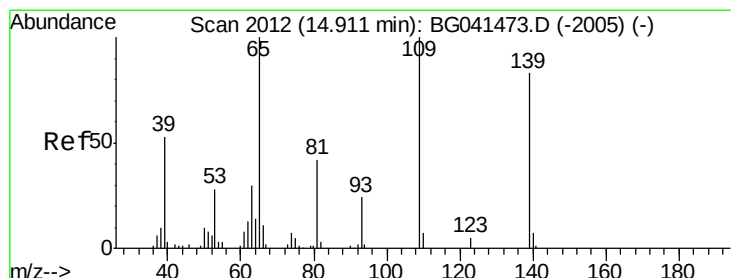
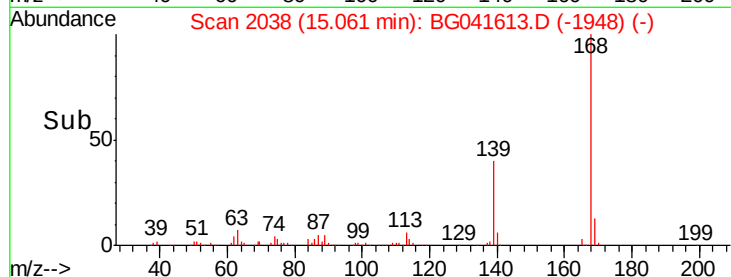
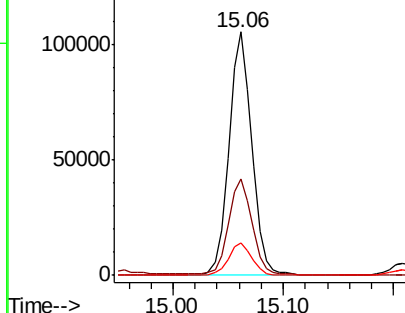
#55
Dibenzofuran
Concen: 19.189 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 152871
Ion Ratio Lower Upper
168 100
139 39.8 32.4 48.6
169 13.2 10.4 15.6

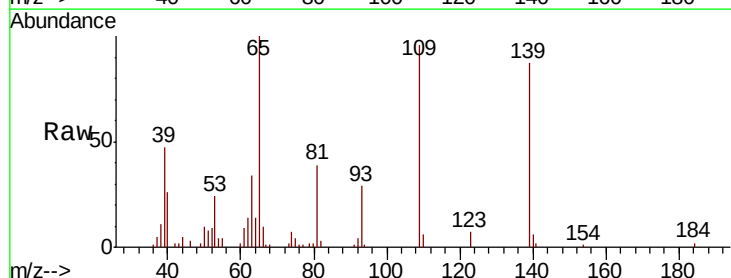


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

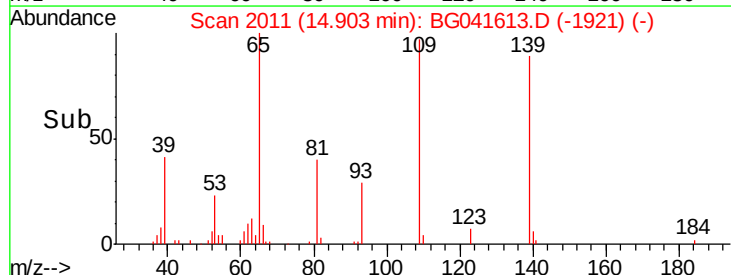
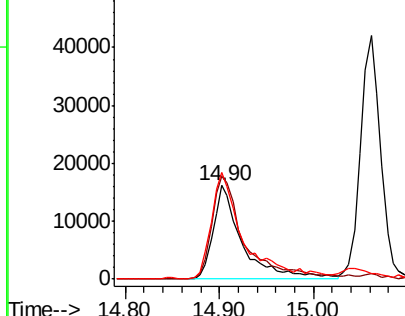


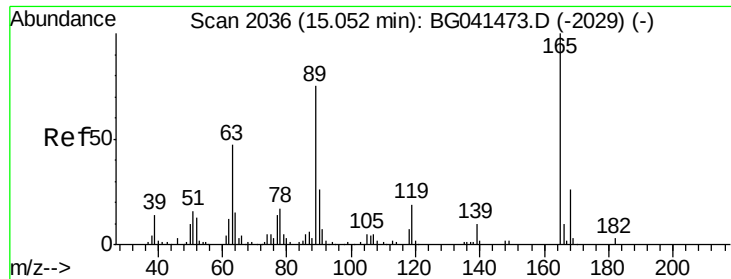
#56
4-Nitrophenol
Concen: 39.064 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Tgt Ion:139 Resp: 35407
Ion Ratio Lower Upper
139 100
109 110.0 106.2 146.2
65 114.3 104.6 144.6



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

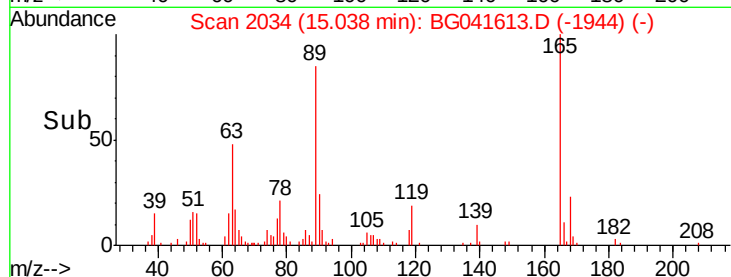
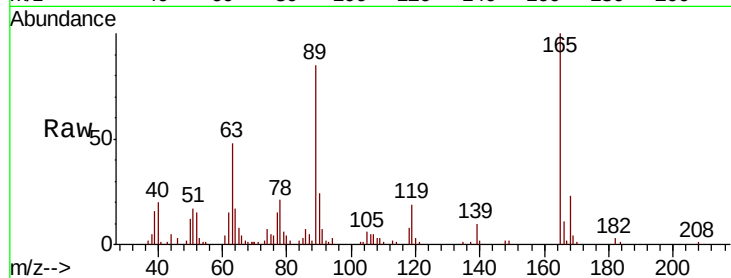




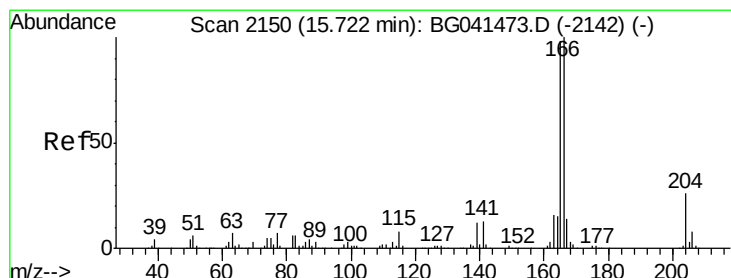
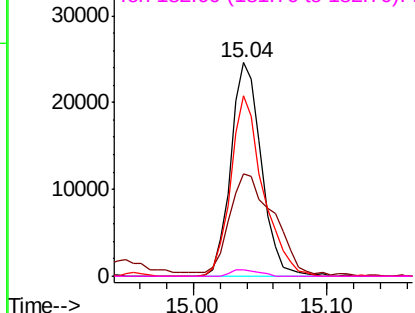
#57
 2,4-Dinitrotoluene
 Concen: 18.334 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BG041613.D
 Acq: 5 Jul 2019 16:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 39130
 Ion Ratio Lower Upper
 165 100
 63 47.9 40.6 60.8
 89 84.7 62.2 93.2
 182 2.7 2.4 3.6

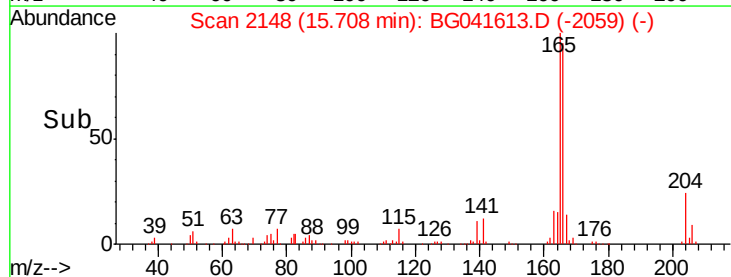
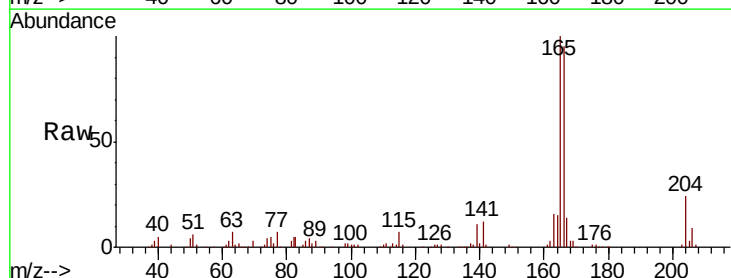


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO
 Ion 182.00 (181.70 to 182.70): E

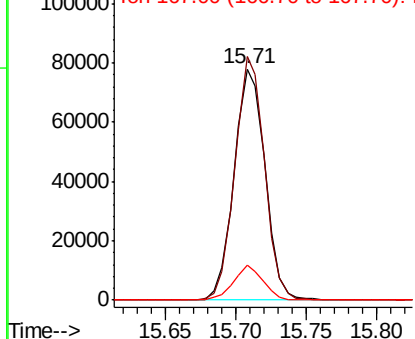


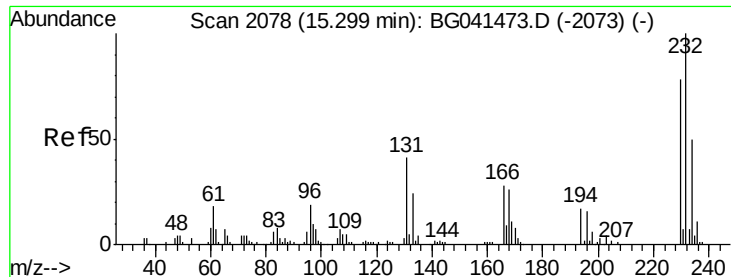
#58
 Fluorene
 Concen: 18.768 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG041613.D
 Acq: 5 Jul 2019 16:02

Tgt Ion:166 Resp: 118944
 Ion Ratio Lower Upper
 166 100
 165 105.3 81.4 122.2
 167 15.2 11.0 16.6



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 19.143 ng

RT: 15.21 min Scan# 2063

Delta R.T. -0.08 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 40014

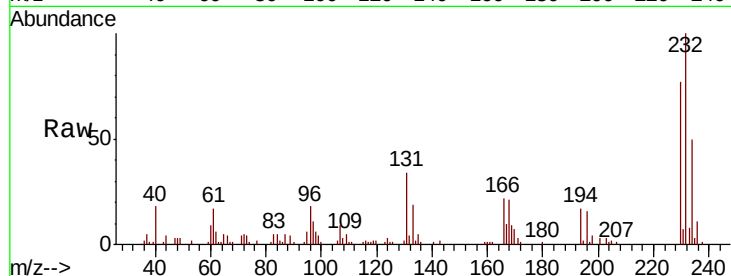
Ion Ratio Lower Upper

232 100

131 32.5 24.2 36.2

130 1.9 1.5 2.3

166 21.7 16.0 24.0

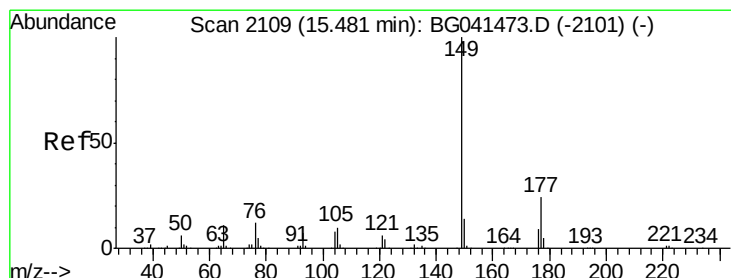
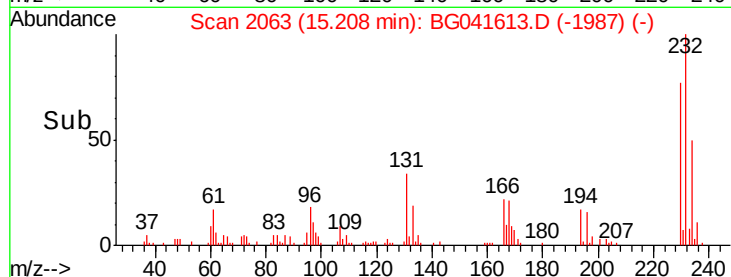
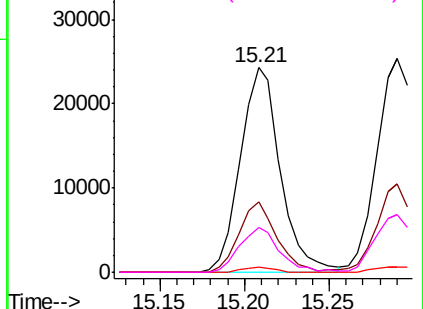


Abundance Ion 232.00 (231.70 to 232.70): E

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: 18.096 ng

RT: 15.46 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

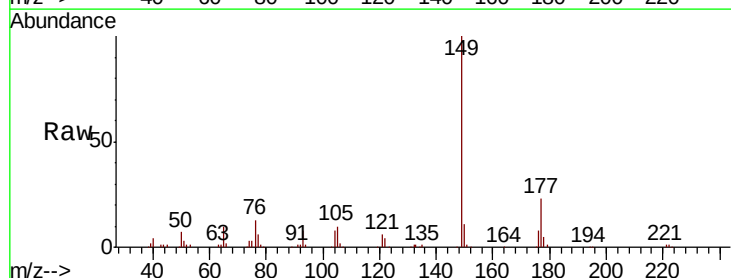
Tgt Ion:149 Resp: 128407

Ion Ratio Lower Upper

149 100

177 22.9 19.0 28.6

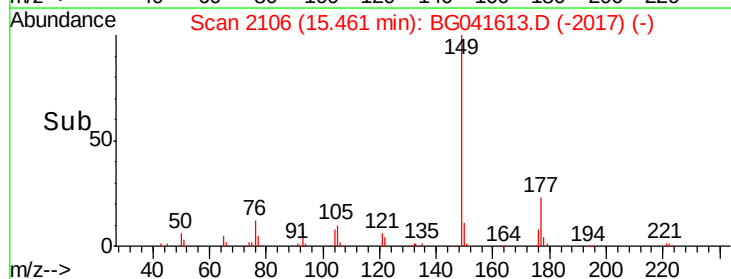
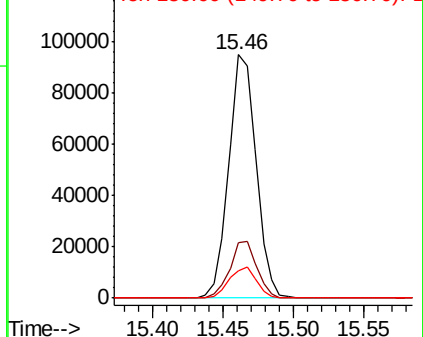
150 11.0 9.4 14.2

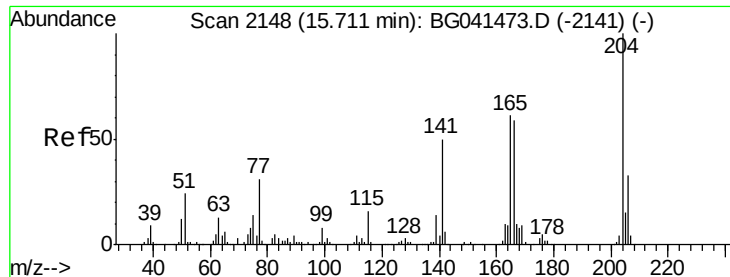


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

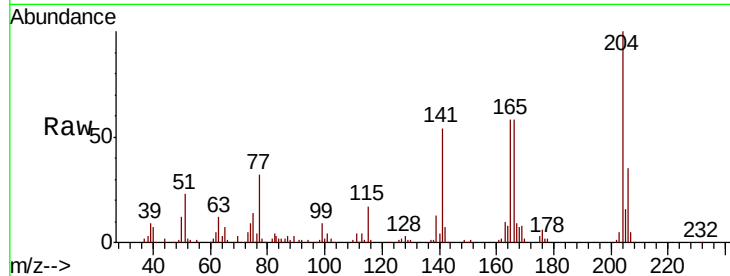




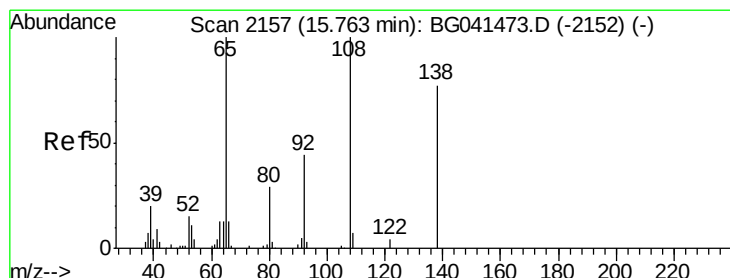
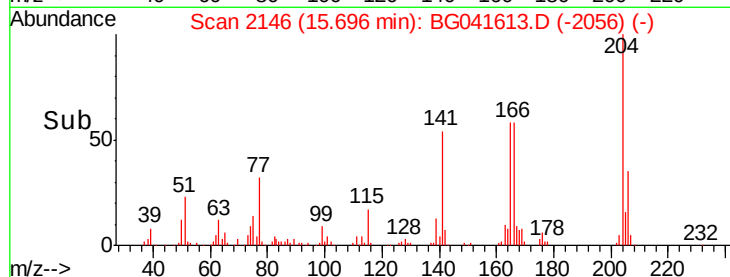
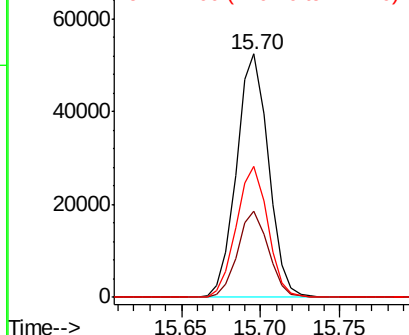
#61
 4-Chlorophenyl-phenylether
 Concen: 17.925 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG041613.D
 Acq: 5 Jul 2019 16:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 73278
 Ion Ratio Lower Upper
 204 100
 206 35.3 26.6 39.8
 141 53.7 41.8 62.6

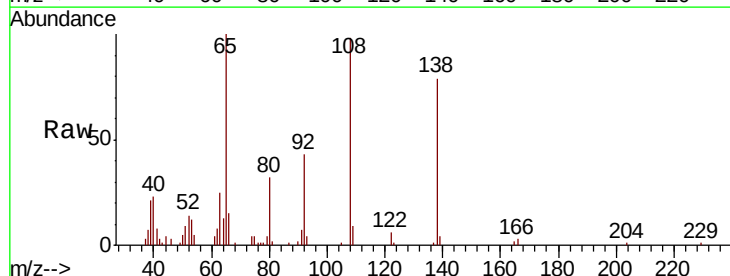


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

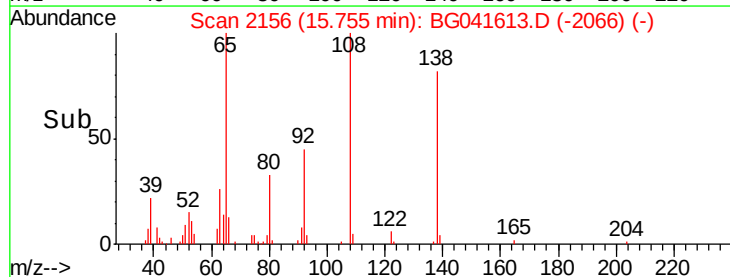
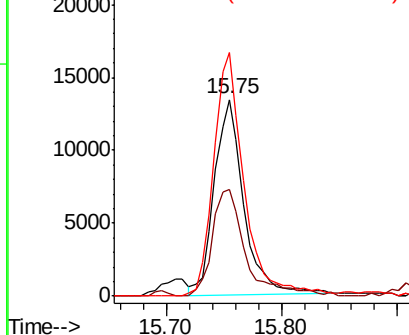


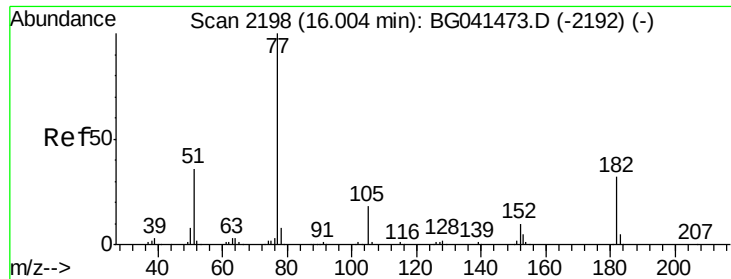
#62
 4-Nitroaniline
 Concen: 17.304 ng
 RT: 15.75 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BG041613.D
 Acq: 5 Jul 2019 16:02

Tgt Ion:138 Resp: 23685
 Ion Ratio Lower Upper
 138 100
 92 54.5 33.3 73.3
 108 123.9 102.2 142.2



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

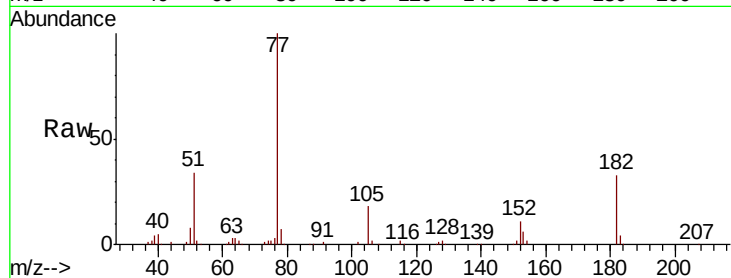




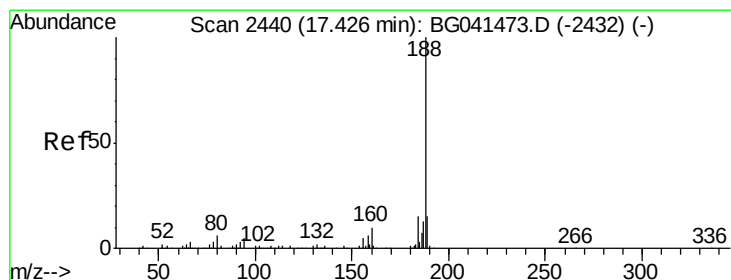
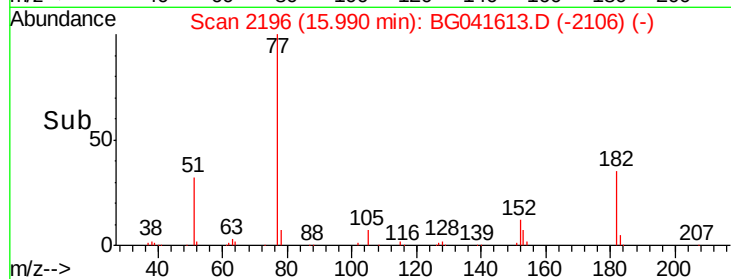
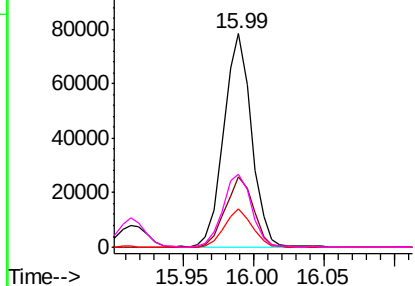
#63
Azobenzene
Concen: 17.968 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	107500
Ion	Ratio	Lower	Upper
77	100		
182	32.8	11.6	51.6
105	18.0	0.0	37.6
51	33.9	16.1	56.1

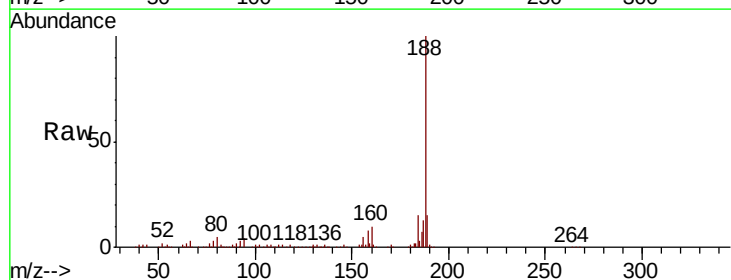


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

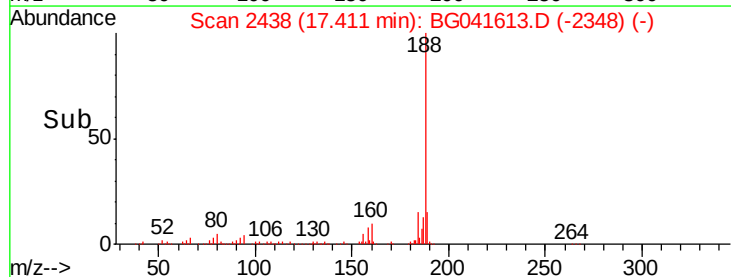
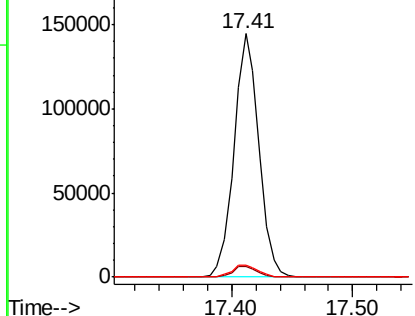


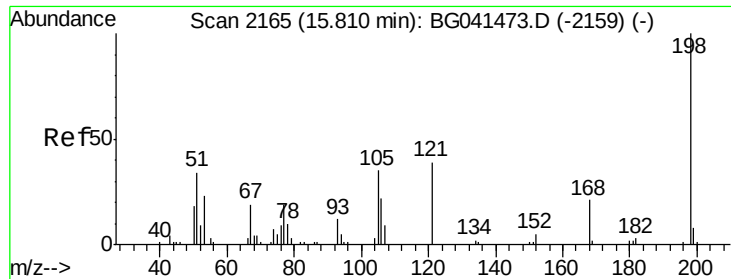
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Tgt Ion:	188	Resp:	206993
Ion	Ratio	Lower	Upper
188	100		
94	4.3	3.3	4.9
80	5.0	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

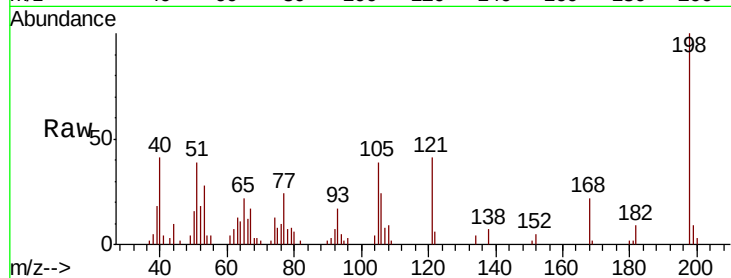




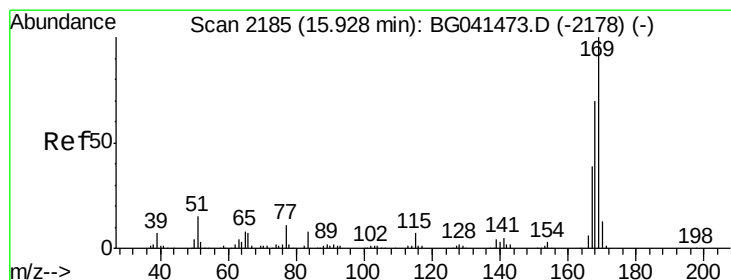
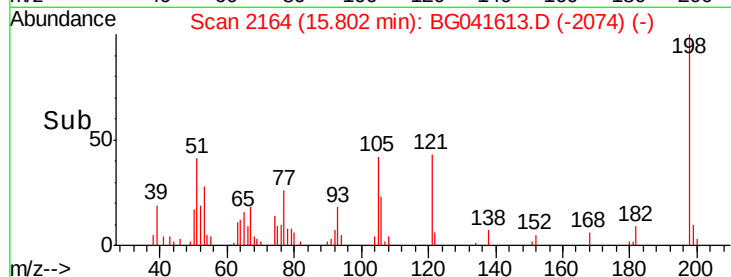
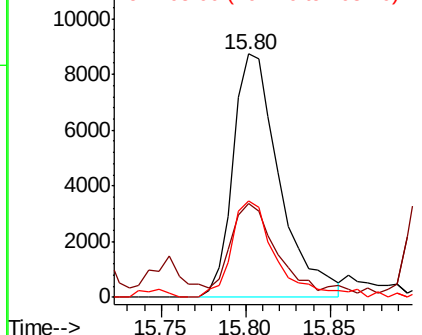
#65
 4,6-Dinitro-2-methylphenol
 Concen: 12.996 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BG041613.D
 Acq: 5 Jul 2019 16:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 16661
 Ion Ratio Lower Upper
 198 100
 51 38.8 22.2 62.2
 105 39.5 16.2 56.2

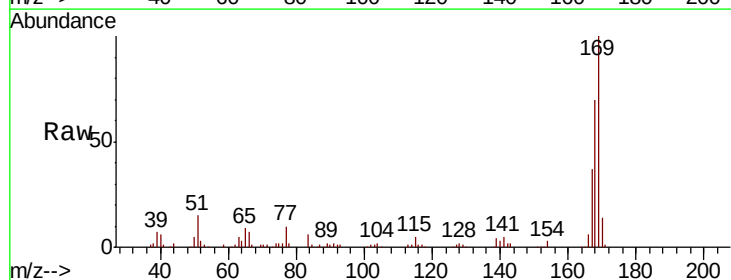


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

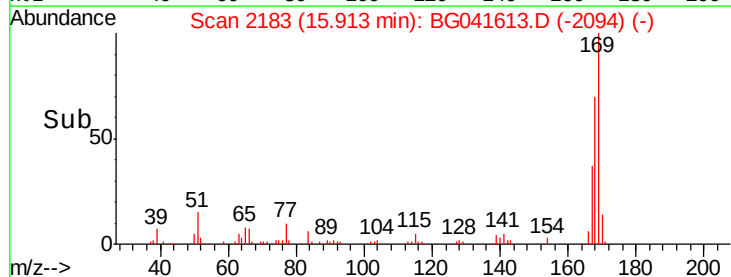
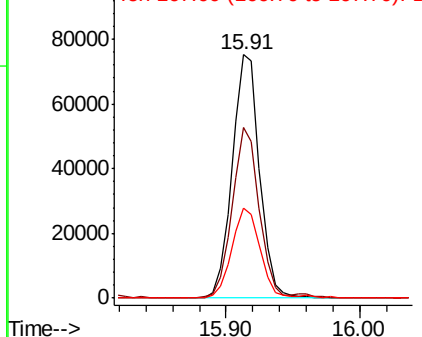


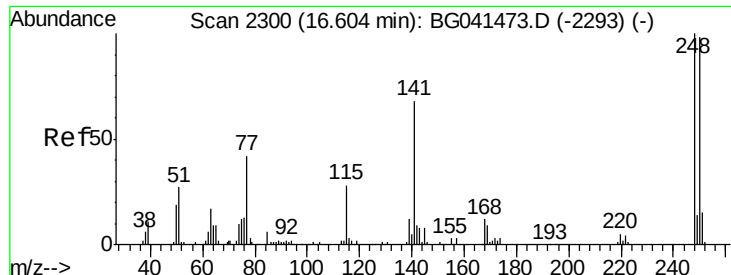
#66
 n-Nitrosodiphenylamine
 Concen: 18.786 ng
 RT: 15.91 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BG041613.D
 Acq: 5 Jul 2019 16:02

Tgt Ion:169 Resp: 107024
 Ion Ratio Lower Upper
 169 100
 168 69.9 57.7 86.5
 167 37.1 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: 17.908 ng

RT: 16.59 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

Instrument :

BNA_G

ClientSampled :

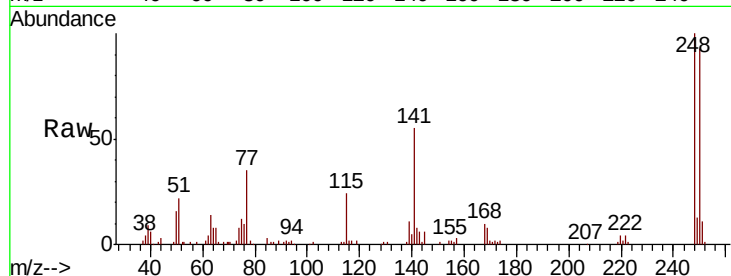
Tot Ion:248 Resp: 50656

Ion Ratio Lower Upper

248 100

250 92.5 79.3 118.9

141 55.2 51.0 76.6

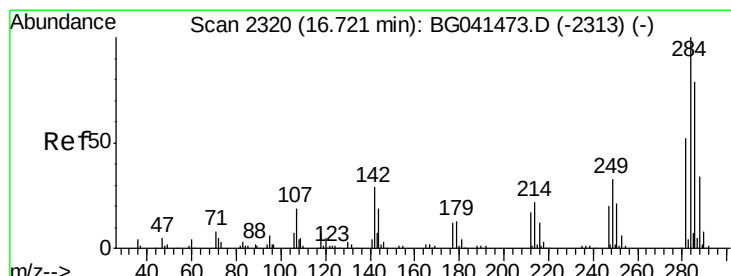
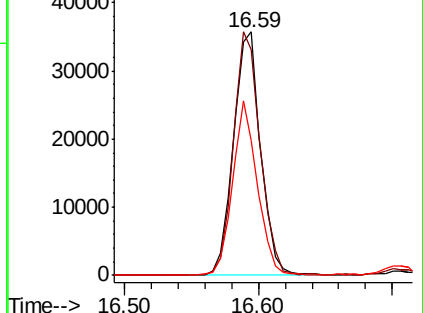
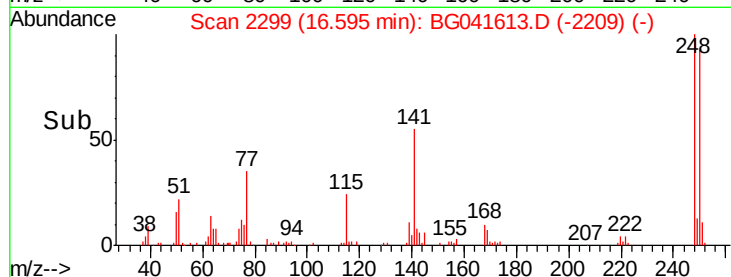


Abundance

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: 18.459 ng

RT: 16.71 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

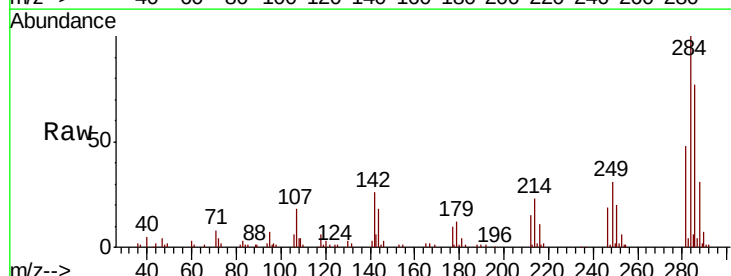
Tgt Ion:284 Resp: 56256

Ion Ratio Lower Upper

284 100

142 25.5 22.9 34.3

249 32.3 26.0 39.0

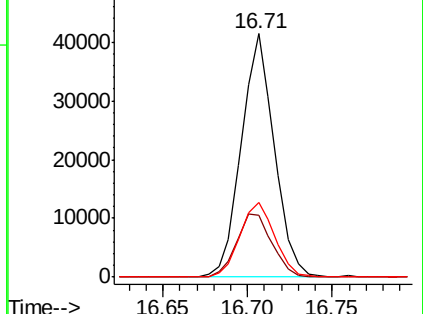
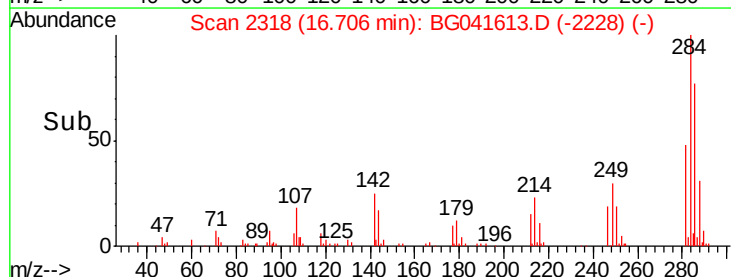


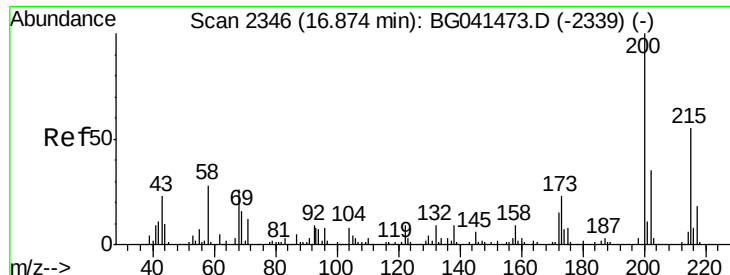
Abundance

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: 19.580 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

Instrument :

BNA_G

ClientSampled :

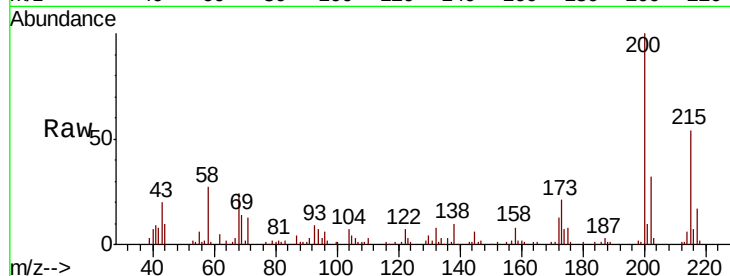
Tot Ion:200 Resp: 47215

Ion Ratio Lower Upper

200 100

173 20.7 0.8 40.8

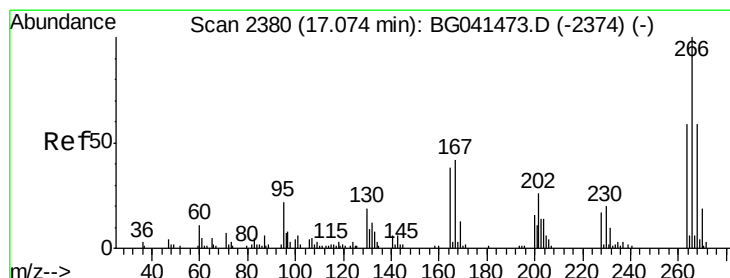
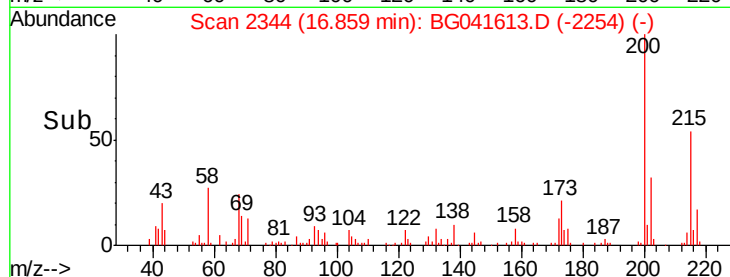
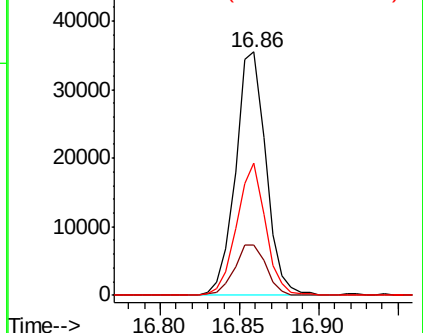
215 54.3 31.9 71.9



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: 30.754 ng

RT: 17.06 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

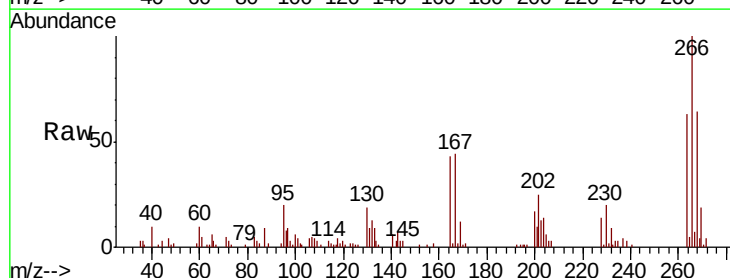
Tgt Ion:266 Resp: 42469

Ion Ratio Lower Upper

266 100

268 68.0 56.9 85.3

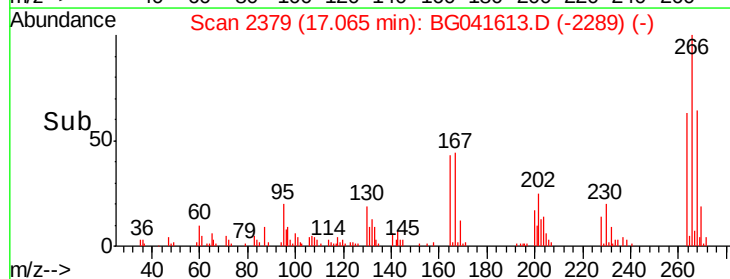
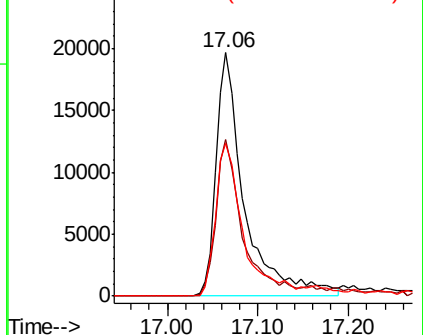
264 62.9 54.8 82.2

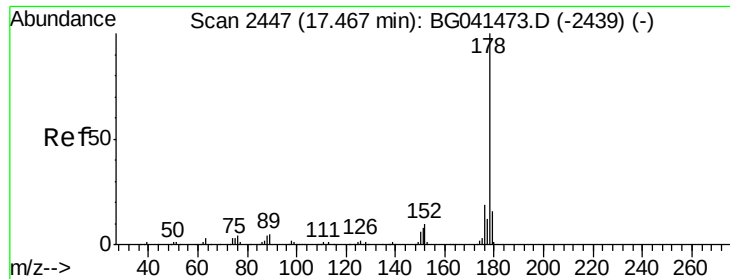


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

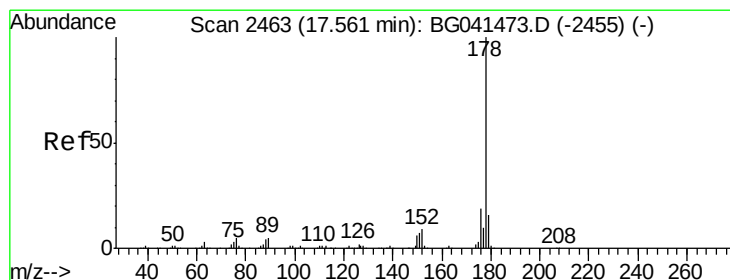
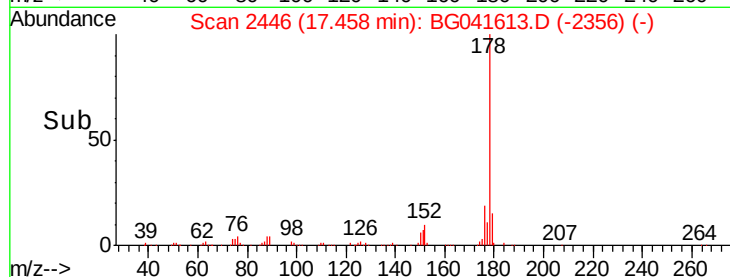
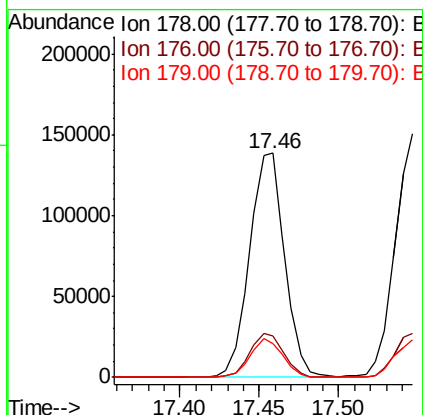
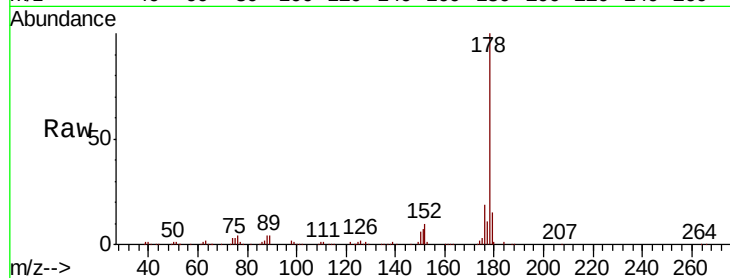




#71
Phenanthrene
Concen: 18.671 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

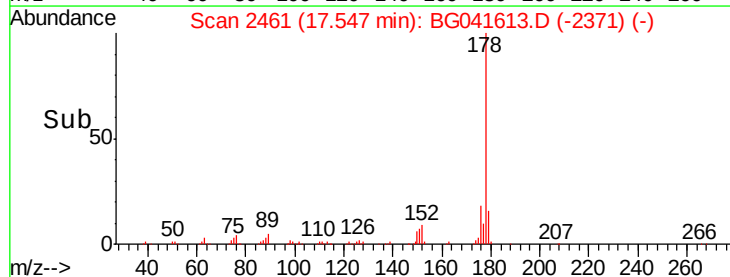
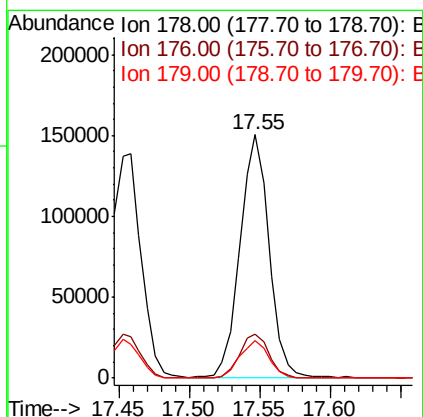
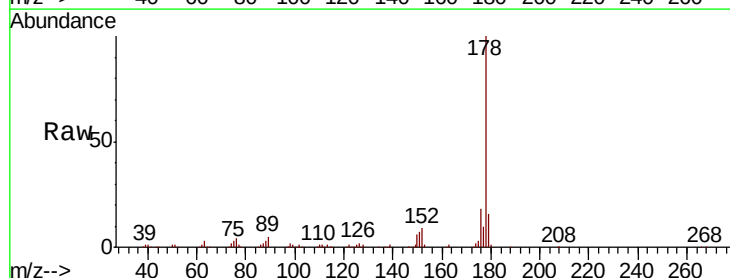
Instrument :
BNA_G
ClientSampleId :

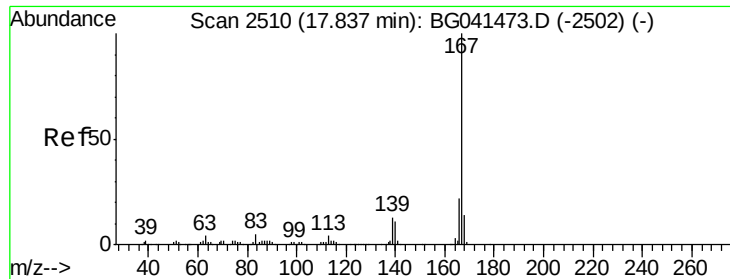
Tot Ion:178 Resp: 212928
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.1 13.0 19.6



#72
Anthracene
Concen: 18.925 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.00 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Tgt Ion:178 Resp: 215950
Ion Ratio Lower Upper
178 100
176 18.2 14.2 21.2
179 15.6 12.7 19.1

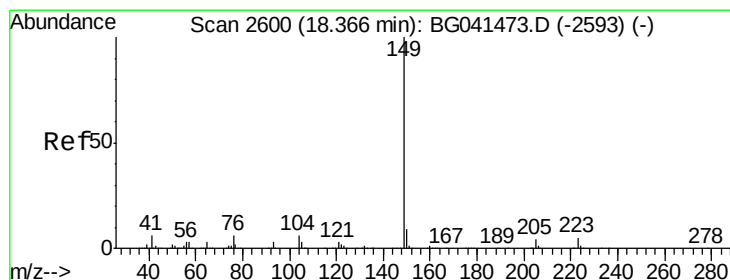
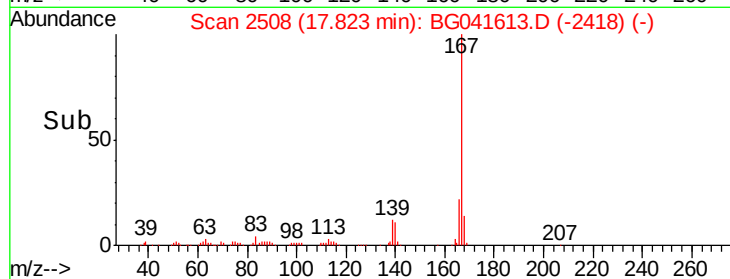
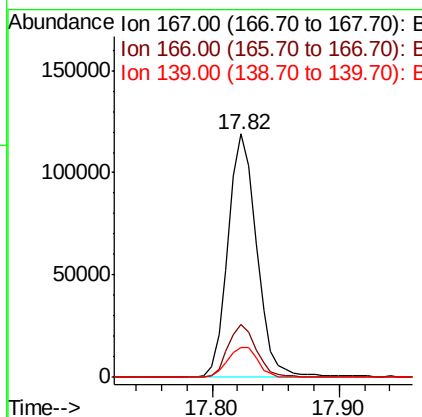
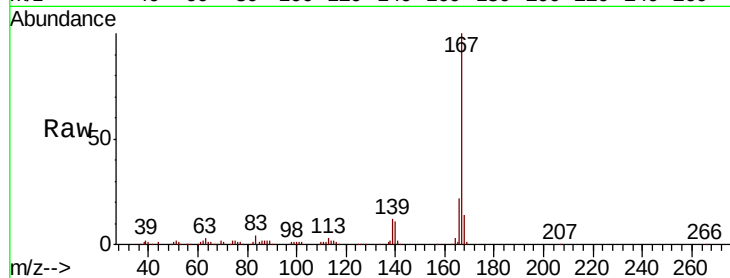




#73
 Carbazole
 Concen: 19.243 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: BG041613.D
 Acq: 5 Jul 2019 16:02

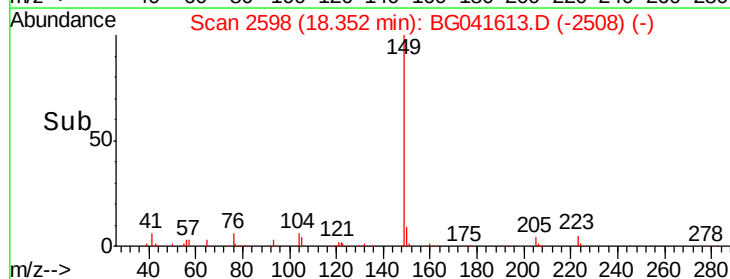
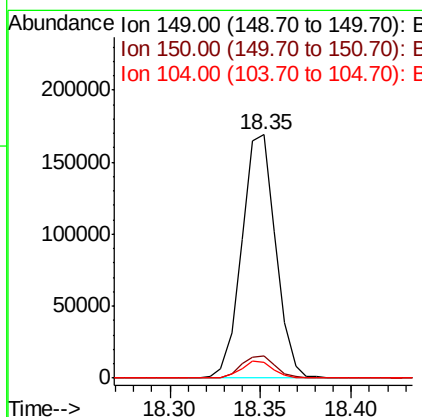
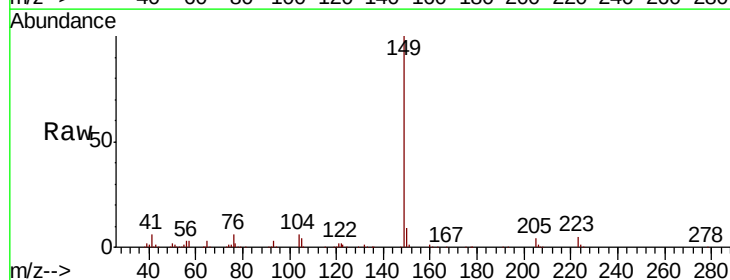
Instrument :
 BNA_G
 ClientSampleId :

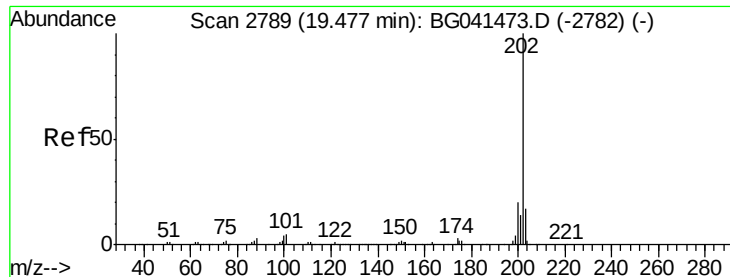
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	12.2	10.3	15.5



#74
 Di-n-butylphthalate
 Concen: 17.920 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG041613.D
 Acq: 5 Jul 2019 16:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.1	10.7
104	6.3	5.4	8.0





#75

Fluoranthene

Concen: 19.378 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

Instrument :

BNA_G

ClientSampleId :

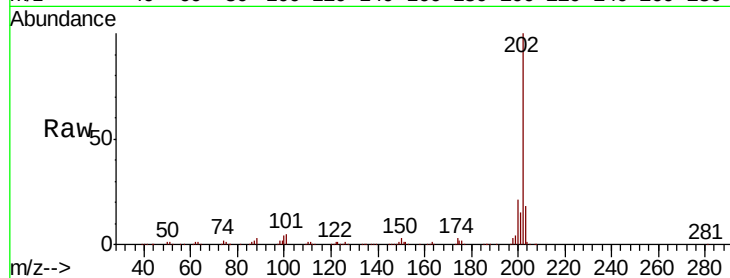
Tot Ion:202 Resp: 294653

Ion Ratio Lower Upper

202 100

101 4.5 0.0 24.6

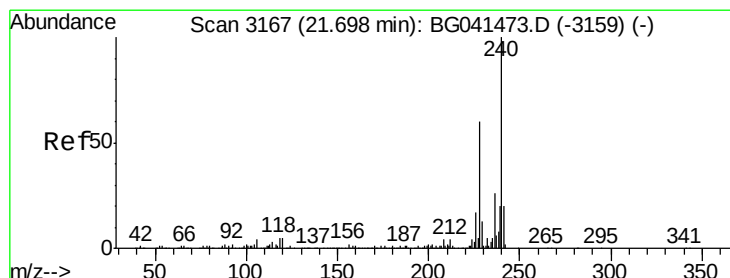
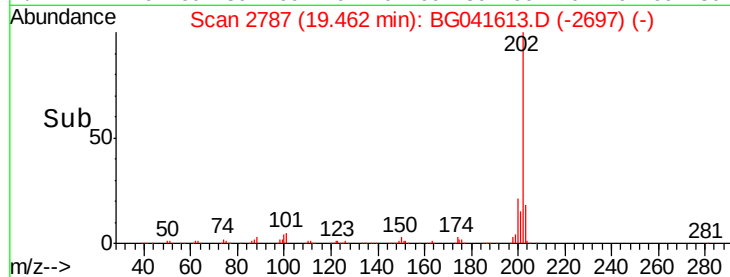
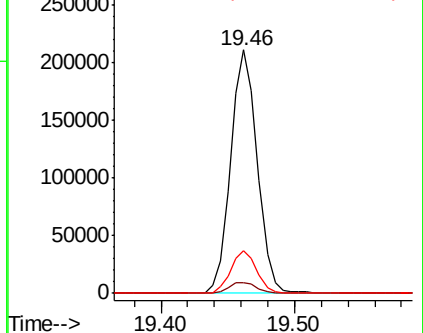
203 17.5 0.0 39.2



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: BG041613.D

Acq: 5 Jul 2019 16:02

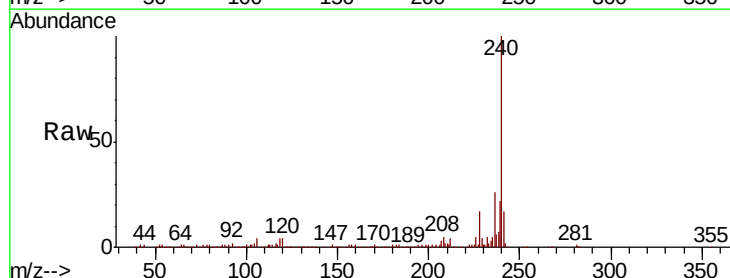
Tgt Ion:240 Resp: 234088

Ion Ratio Lower Upper

240 100

120 3.8 3.9 5.9#

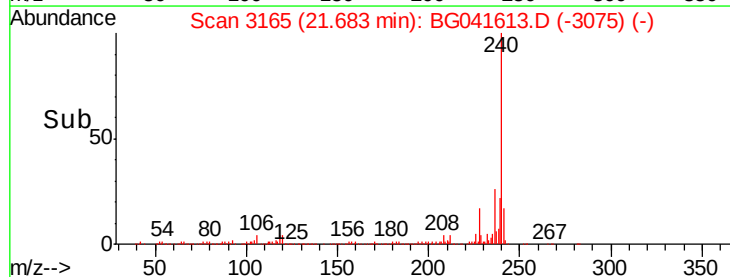
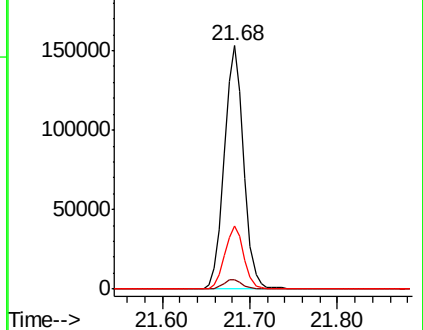
236 25.8 20.6 30.8

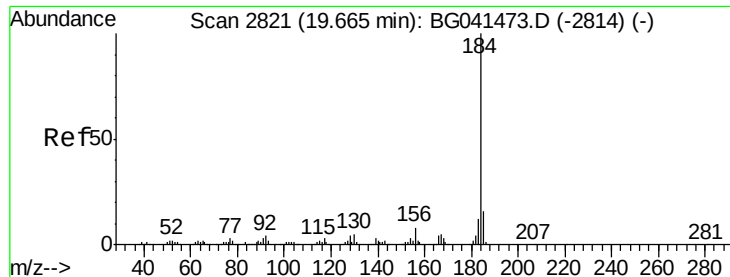


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.913 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

Instrument :

BNA_G

ClientSampleId :

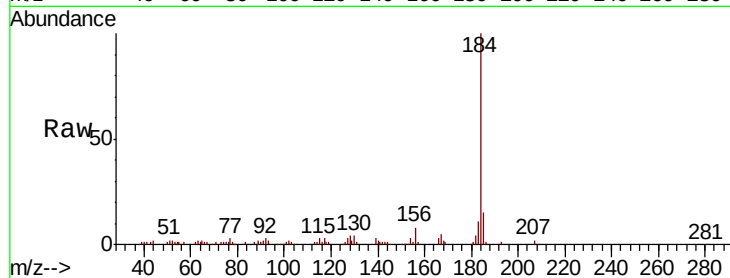
Tot Ion:184 Resp: 93039

Ion Ratio Lower Upper

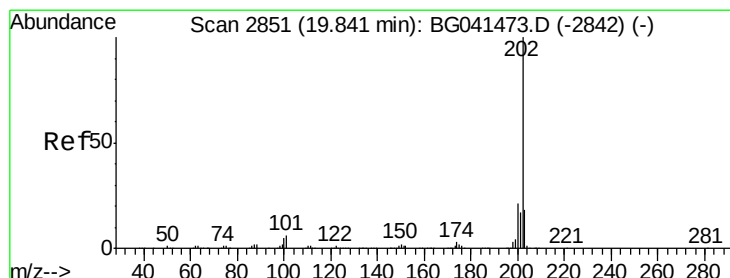
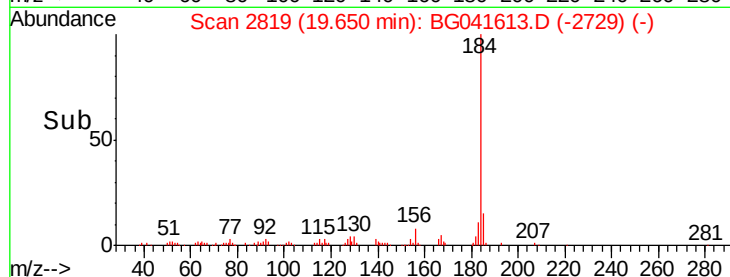
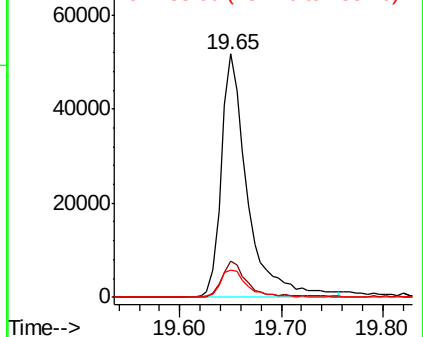
184 100

185 14.7 11.7 17.5

183 11.3 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: 18.462 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

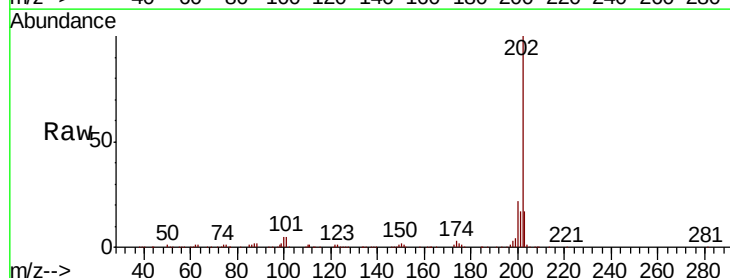
Tgt Ion:202 Resp: 295022

Ion Ratio Lower Upper

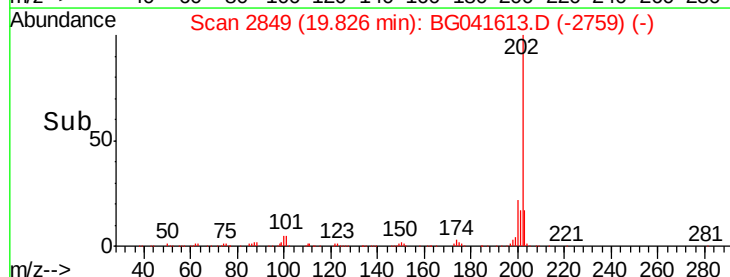
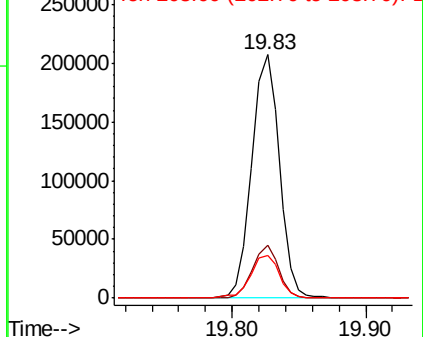
202 100

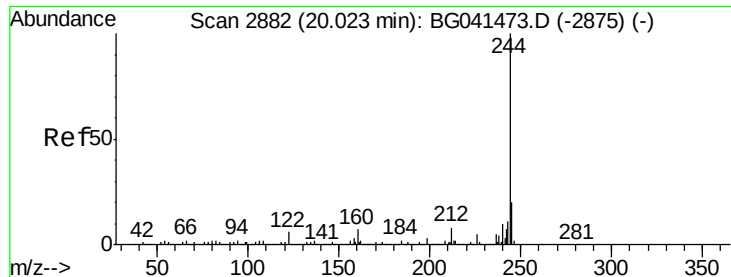
200 21.6 17.0 25.4

203 17.4 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: 44.596 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

Instrument :

BNA_G

ClientSampled :

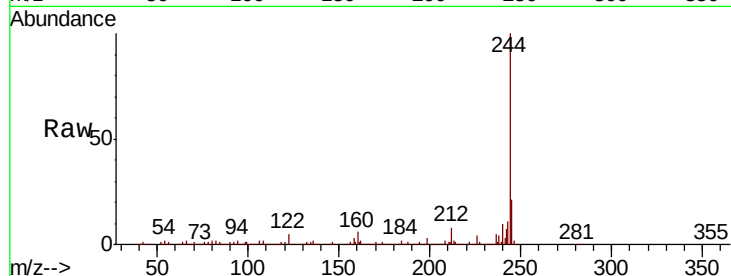
Tot Ion:244 Resp: 491248

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

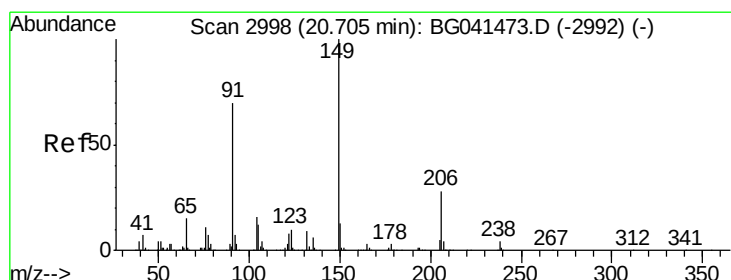
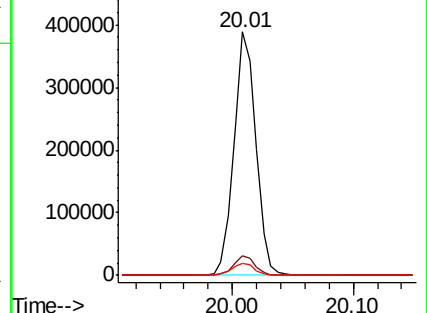
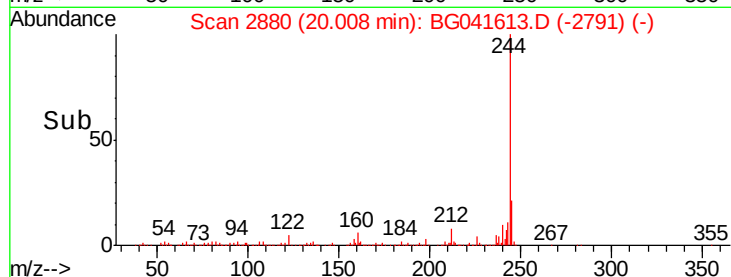
122 5.0 4.0 6.0



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: 16.718 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

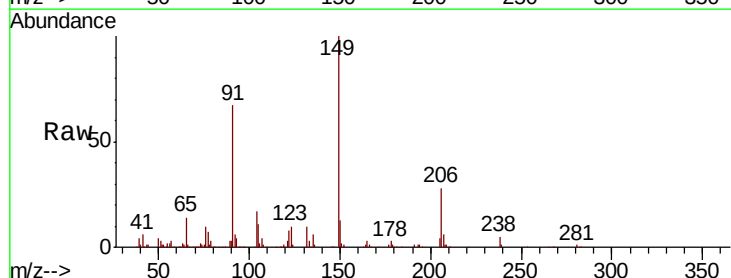
Tgt Ion:149 Resp: 99773

Ion Ratio Lower Upper

149 100

91 66.6 54.0 81.0

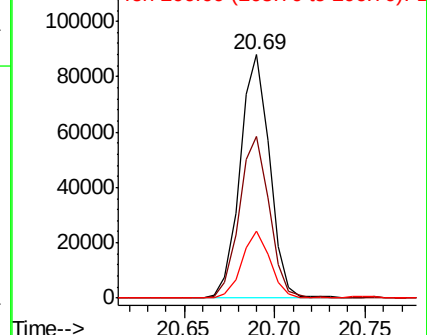
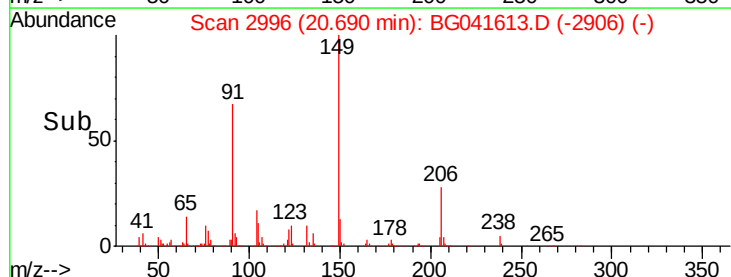
206 27.7 20.6 30.8

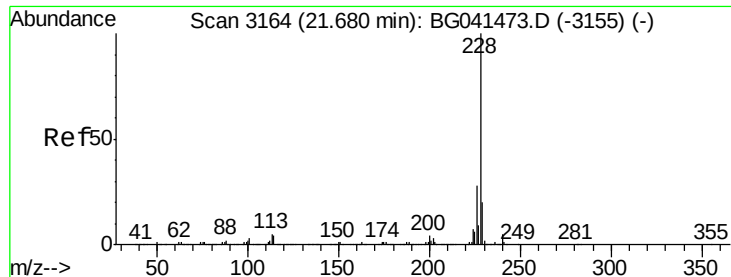


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

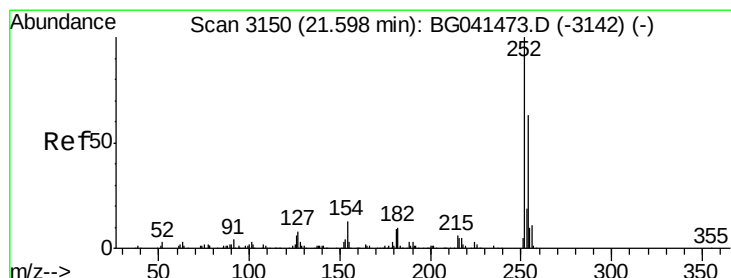
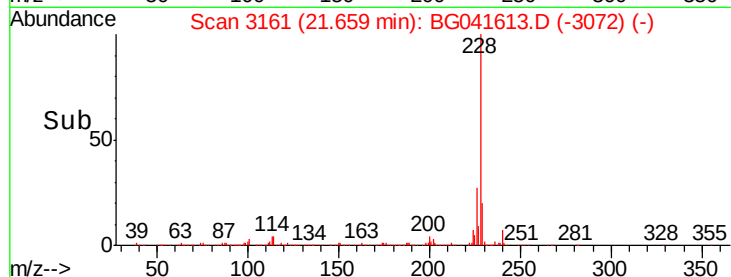
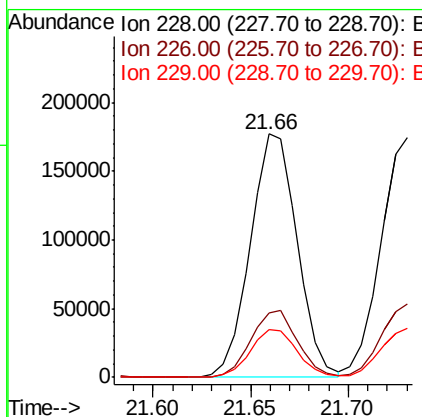
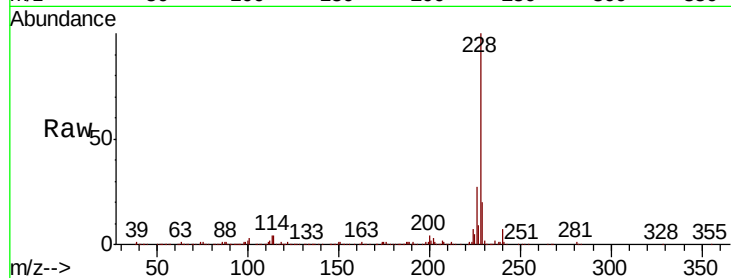




#81
Benzo(a)anthracene
Concen: 18.093 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

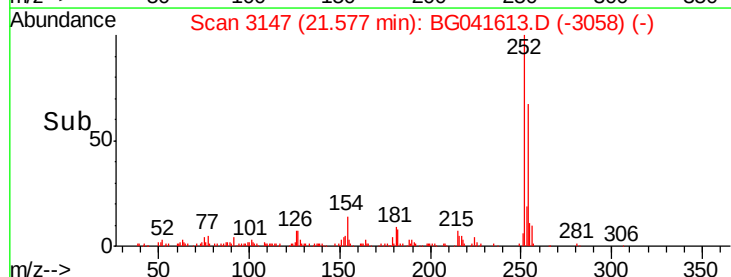
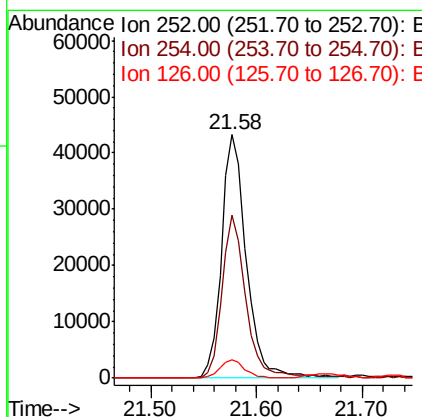
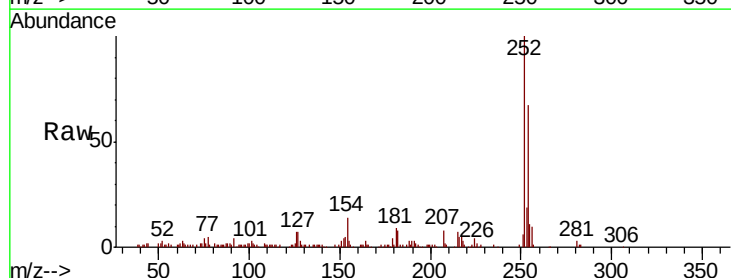
Instrument :
BNA_G
ClientSampleId :

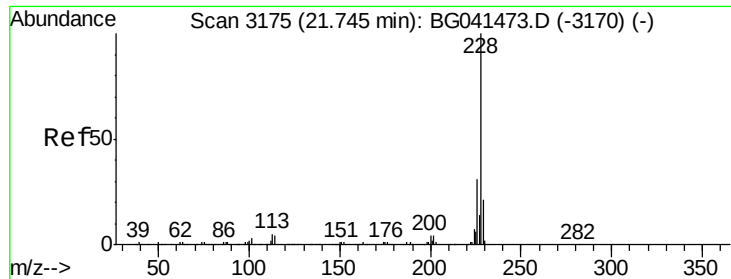
Tot Ion:228 Resp: 294452
Ion Ratio Lower Upper
228 100
226 26.7 23.4 35.2
229 19.5 17.0 25.4



#82
3,3'-Dichlorobenzidine
Concen: 12.555 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Tgt Ion:252 Resp: 70755
Ion Ratio Lower Upper
252 100
254 67.0 50.6 76.0
126 7.4 4.7 7.1#





#83

Chrysene

Concen: 18.281 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

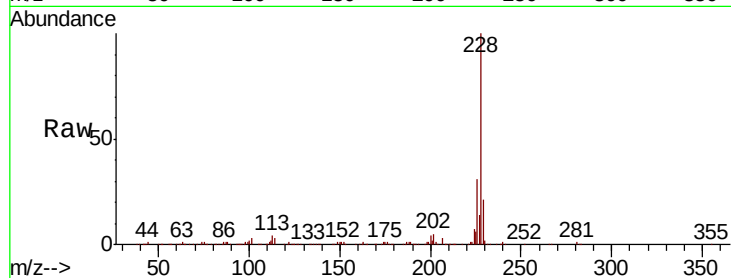
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 287976

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.1	37.7
229	20.6	16.1	24.1

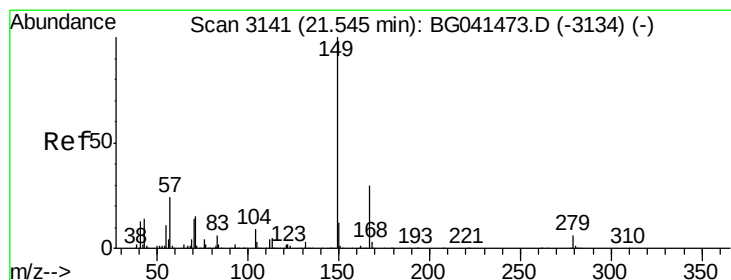
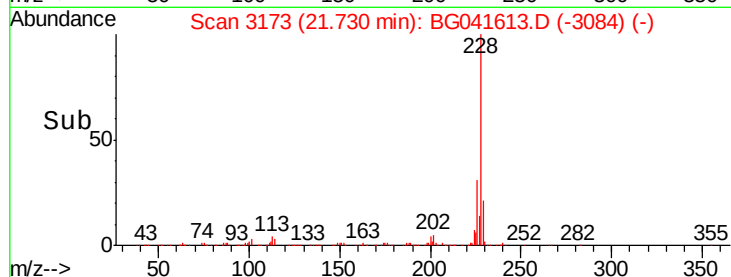
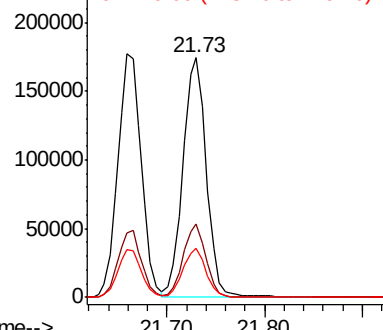


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 17.742 ng

RT: 21.52 min Scan# 3138

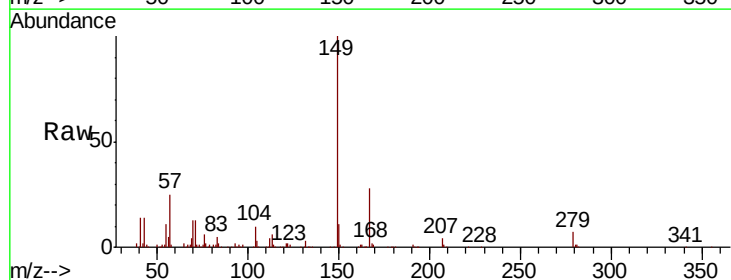
Delta R.T. -0.01 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

Tgt Ion:149 Resp: 150117

Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.9	35.9
279	6.9	5.2	7.8

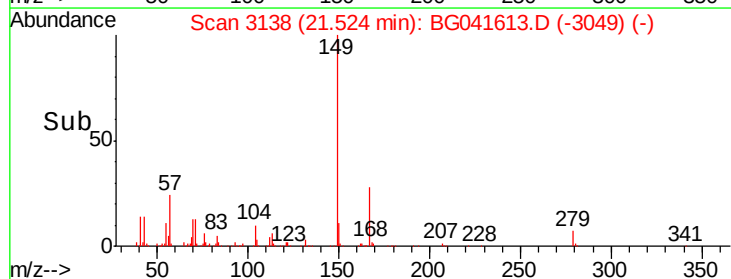
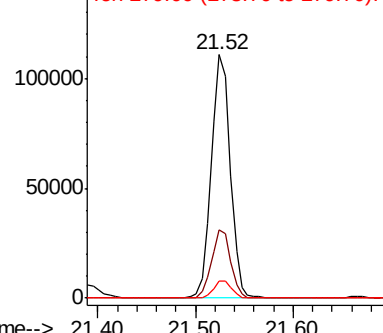


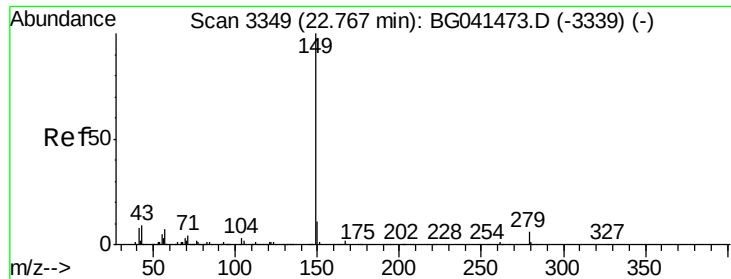
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

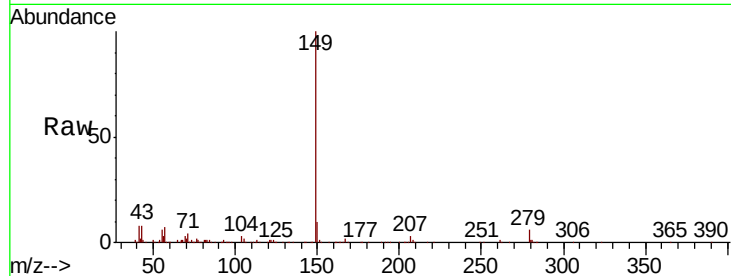




#85
Di-n-octyl phthalate
Concen: 16.864 ng
RT: 22.74 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.5	2.3
43	8.7	6.6	9.8

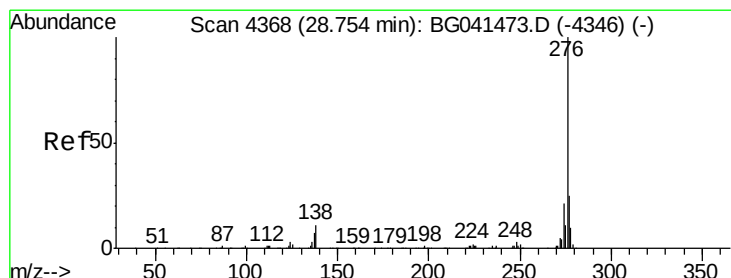
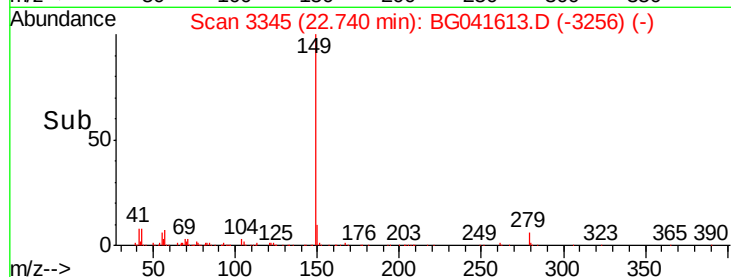
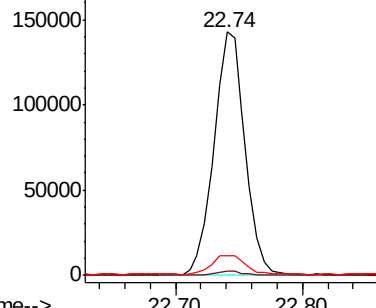


Abundance

Ion 149.00 (148.70 to 149.70): E

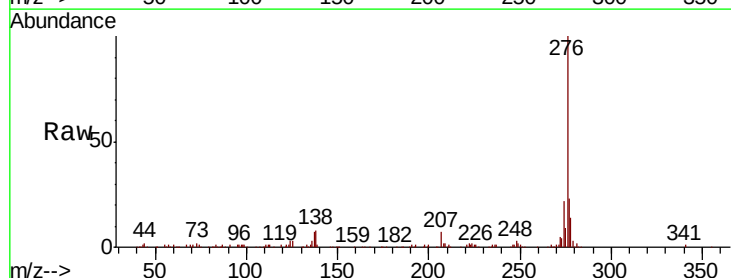
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 17.796 ng
RT: 28.71 min Scan# 4361
Delta R.T. -0.02 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	8.8	13.2#
277	25.8	20.6	31.0

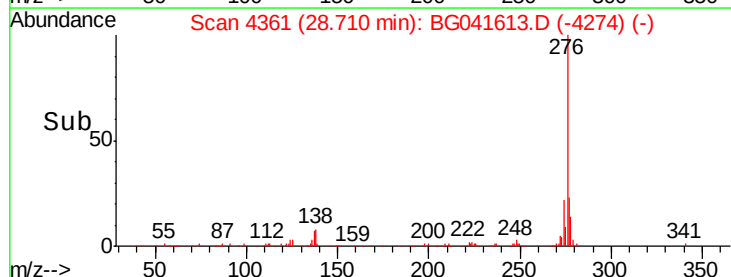
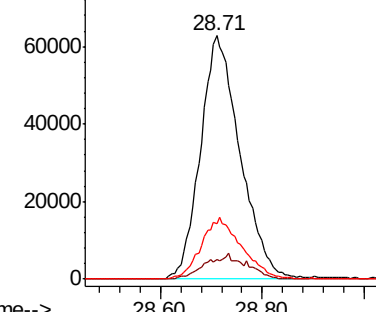


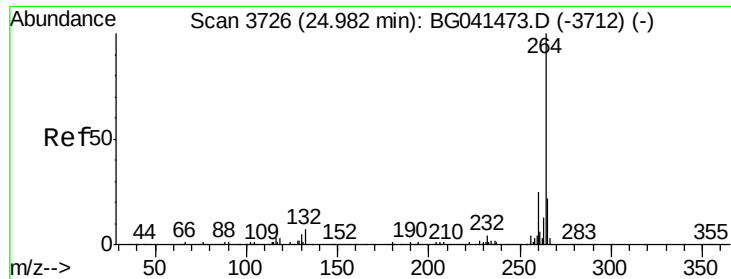
Abundance

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

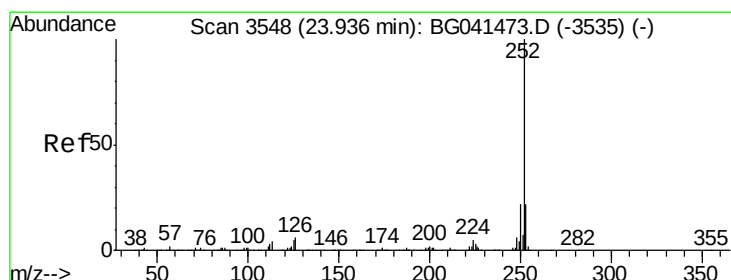
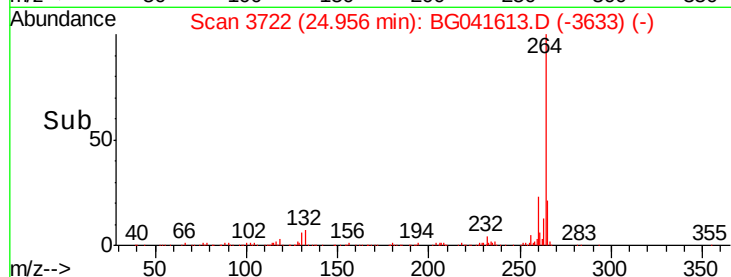
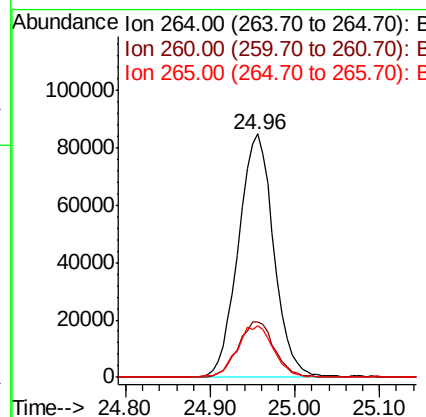
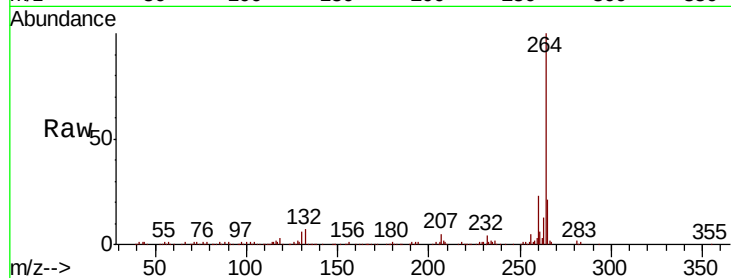




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.01 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

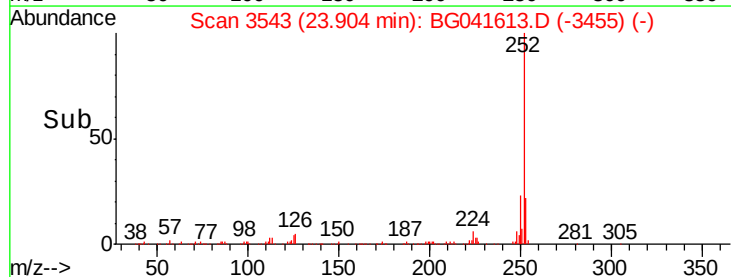
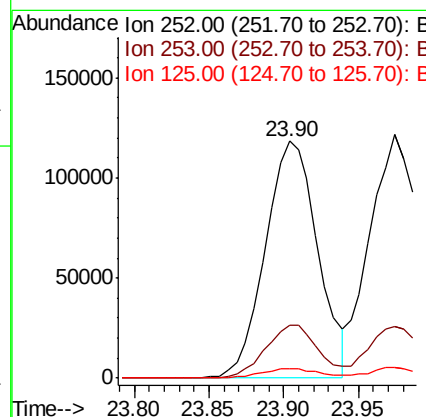
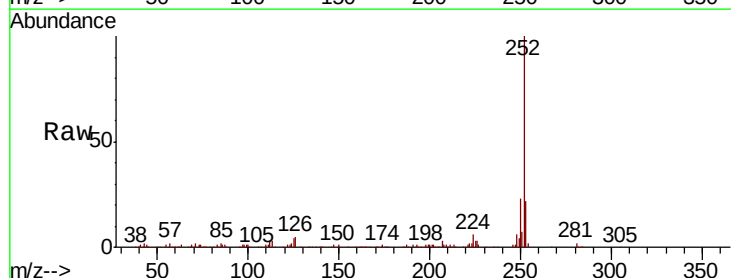
Instrument :
BNA_G
ClientSampleId :

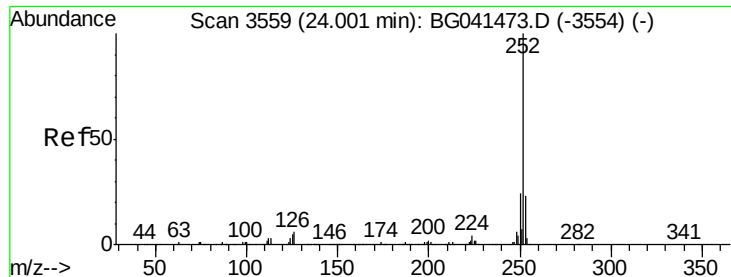
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	21.4	16.7	25.1



#88
Benzo(b)fluoranthene
Concen: 18.429 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG041613.D
Acq: 5 Jul 2019 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	4.2	3.5	5.3





#89

Benzo(k)fluoranthene

Concen: 18.528 ng

RT: 23.97 min Scan# 3555

Delta R.T. -0.01 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

Instrument :

BNA_G

ClientSampleId :

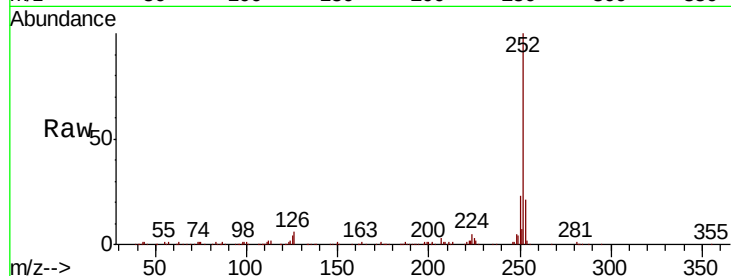
Tot Ion:252 Resp: 285839

Ion Ratio Lower Upper

252 100

253 21.0 17.3 25.9

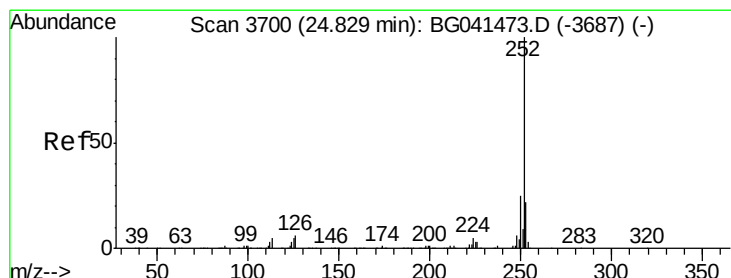
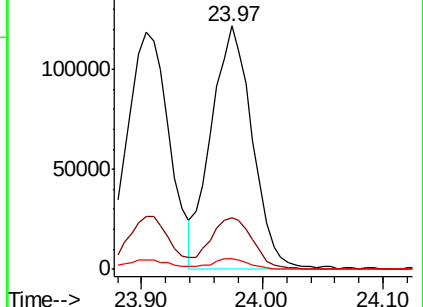
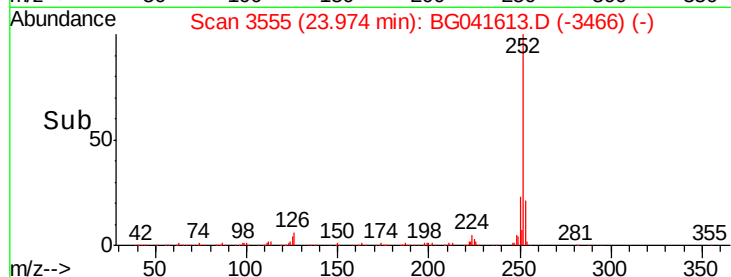
125 4.4 3.5 5.3



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: 19.091 ng

RT: 24.80 min Scan# 3696

Delta R.T. -0.01 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

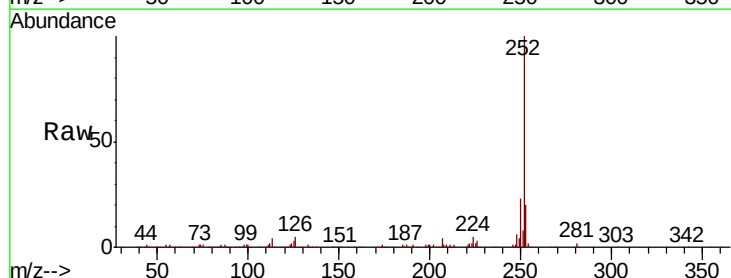
Tgt Ion:252 Resp: 284920

Ion Ratio Lower Upper

252 100

253 20.3 17.9 26.9

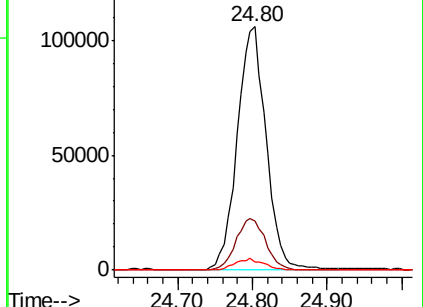
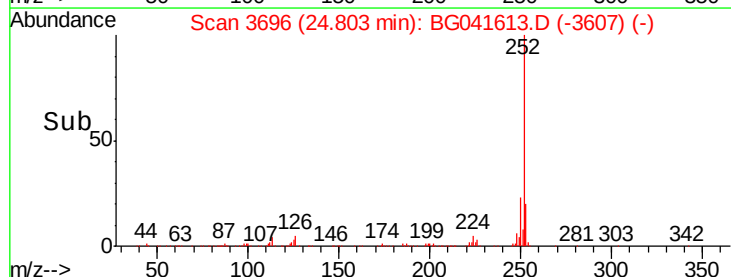
125 3.4 3.3 4.9

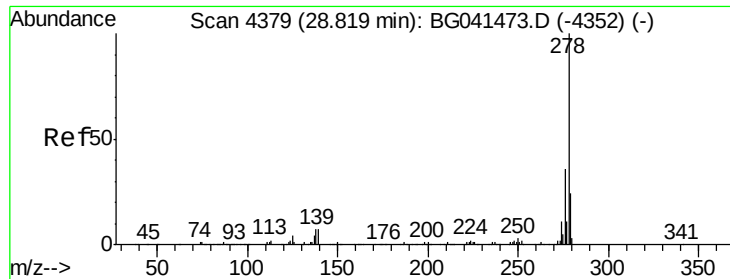


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 18.926 ng

RT: 28.77 min Scan# 4371

Delta R.T. -0.02 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

Instrument :

BNA_G

ClientSampleId :

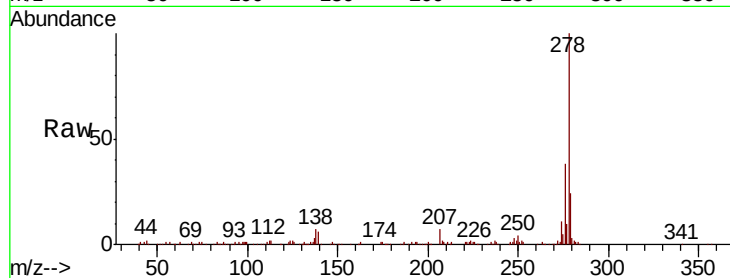
Tot Ion:278 Resp: 282976

Ion Ratio Lower Upper

278 100

139 6.3 5.4 8.0

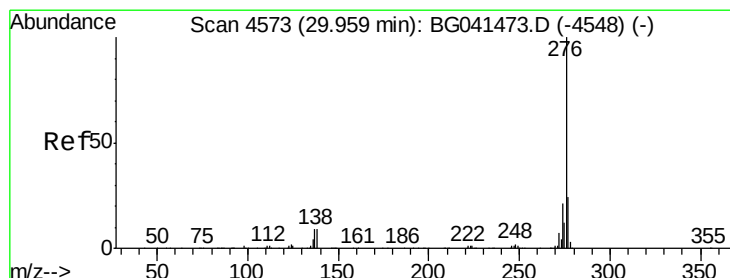
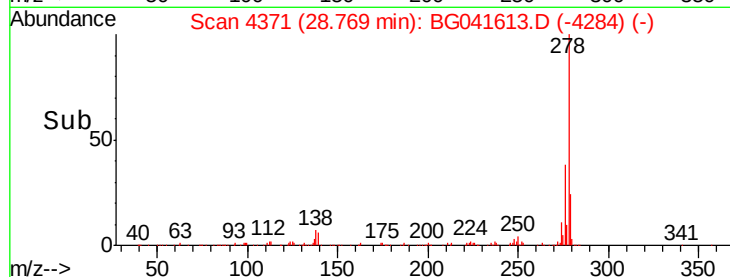
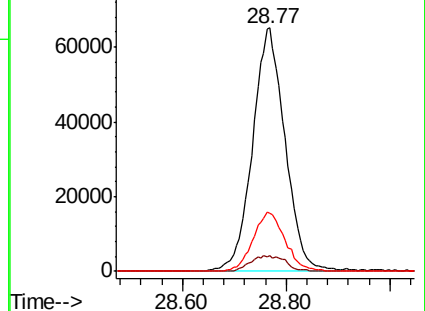
279 24.0 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 19.351 ng

RT: 29.90 min Scan# 4564

Delta R.T. -0.01 min

Lab File: BG041613.D

Acq: 5 Jul 2019 16:02

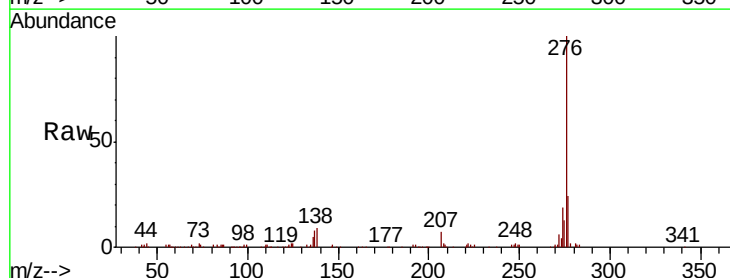
Tgt Ion:276 Resp: 287678

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 9.0 6.4 9.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

