

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
 Data File : BG042419.D
 Acq On : 23 Aug 2019 2:41
 Operator : HP/JU
 Sample : K4421-13MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 23 05:31:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	110466	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	349006	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	219678	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	478712	20.00	ng	0.00
76) Chrysene-d12	21.70	240	459487	20.00	ng	0.00
87) Perylene-d12	24.94	264	596370	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	679123	124.51	ng	0.00
7) Phenol-d6	7.17	99	916989	124.46	ng	0.00
23) Nitrobenzene-d5	9.17	82	506957	100.38	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	338657	108.46	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1046106	80.54	ng	0.00
79) Terphenyl-d14	20.03	244	1647767	77.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	59867	26.301	ng	95
3) Pyridine	3.82	79	150232	25.739	ng	94
4) n-Nitrosodimethylamine	3.74	42	58765	28.189	ng	# 74
6) Aniline	7.32	93	196151	19.961	ng	98
8) 2-Chlorophenol	7.57	128	223782	33.854	ng	99
9) Benzaldehyde	7.13	77	82688	22.418	ng	99
10) Phenol	7.20	94	271115	36.192	ng	96
11) bis(2-Chloroethyl)ether	7.42	93	201345	34.224	ng	99
12) 1,3-Dichlorobenzene	7.89	146	244273	29.049	ng	99
13) 1,4-Dichlorobenzene	8.04	146	246308	28.917	ng	97
14) 1,2-Dichlorobenzene	8.36	146	236284	28.967	ng	99
15) Benzyl Alcohol	8.24	79	161219	30.416	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	251795	31.578	ng	97
17) 2-Methylphenol	8.45	107	182278	33.037	ng	93
18) Hexachloroethane	9.09	117	81484	27.944	ng	92
19) n-Nitroso-di-n-propylamine	8.81	70	144801	30.337	ng	99
20) 3+4-Methylphenols	8.79	107	251263	32.910	ng	97
22) Acetophenone	8.83	105	300839	40.302	ng	# 98
24) Nitrobenzene	9.21	77	209113	40.888	ng	99
25) Isophorone	9.74	82	333396	33.449	ng	99
26) 2-Nitrophenol	9.93	139	102883	32.101	ng	99
27) 2,4-Dimethylphenol	10.00	122	168680	38.208	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	202062	32.165	ng	98
29) 2,4-Dichlorophenol	10.48	162	184285	31.904	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	215675	30.420	ng	97
31) Naphthalene	10.87	128	520101	32.098	ng	100
32) Benzoic acid	10.00	122	168680	51.855	ng	# 14
33) 4-Chloroaniline	10.98	127	140604	18.797	ng	98
34) Hexachlorobutadiene	11.17	225	127010	26.656	ng	99
35) Caprolactam	11.75	113	52184	27.075	ng	95
36) 4-Chloro-3-methylphenol	12.12	107	169466	30.906	ng	99
37) 2-Methylnaphthalene	12.49	142	407430	31.315	ng	99
38) 1-Methylnaphthalene	12.71	142	360895	29.202	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	237388	33.650	ng	99

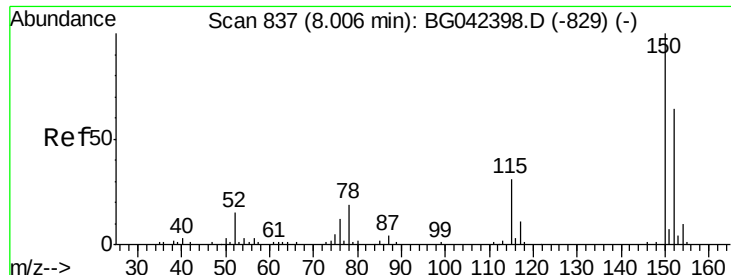
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
 Data File : BG042419.D
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 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	142319	38.405	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	163308	34.247	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	174213	35.255	ng	97
46) 1,1'-Biphenyl	13.49	154	516338	36.361	ng	98
47) 2-Chloronaphthalene	13.53	162	399515	32.629	ng	98
48) 2-Nitroaniline	13.73	65	100269	33.959	ng	98
49) Acenaphthylene	14.39	152	706656	38.361	ng	99
50) Dimethylphthalate	14.12	163	680262	42.917	ng	100
51) 2,6-Dinitrotoluene	14.23	165	130625	35.554	ng	93
52) Acenaphthene	14.73	154	376670	33.674	ng	98
53) 3-Nitroaniline	14.56	138	104464	28.430	ng	98
54) 2,4-Dinitrophenol	14.78	184	13360	11.233	ng	93
55) Dibenzofuran	15.06	168	633003	34.188	ng	98
56) 4-Nitrophenol	14.89	139	201238	77.075	ng	95
57) 2,4-Dinitrotoluene	15.03	165	166120	31.575	ng	97
58) Fluorene	15.71	166	536304	35.434	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	159137	32.565	ng	# 88
60) Diethylphthalate	15.48	149	510236	32.930	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	296757	32.526	ng	99
62) 4-Nitroaniline	15.73	138	134309	34.153	ng	95
63) Azobenzene	16.00	77	371228	34.964	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	31170	10.385	ng	97
66) n-Nitrosodiphenylamine	15.91	169	482858	36.678	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	192237	31.659	ng	97
68) Hexachlorobenzene	16.73	284	199752	30.261	ng	99
69) Atrazine	16.87	200	163136	35.041	ng	97
70) Pentachlorophenol	17.07	266	210984	61.517	ng	98
71) Phenanthrene	17.46	178	891037	37.472	ng	99
72) Anthracene	17.55	178	843372	35.528	ng	99
73) Carbazole	17.82	167	725677	34.301	ng	100
74) Di-n-butylphthalate	18.38	149	804200	32.157	ng	99
75) Fluoranthene	19.47	202	1032301	35.572	ng	99
77) Benzidine	19.65	184	134656	10.222	ng	99
78) Pyrene	19.83	202	1049028	37.238	ng	99
80) Butylbenzylphthalate	20.71	149	360488	32.534	ng	100
81) Benzo(a)anthracene	21.67	228	1006181	35.997	ng	100
82) 3,3'-Dichlorobenzidine	21.58	252	261418	23.255	ng	100
83) Chrysene	21.74	228	982017	36.429	ng	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	548049	35.624	ng	99
85) Di-n-octyl phthalate	22.79	149	891912	33.708	ng	100
86) Indeno(1,2,3-cd)pyrene	28.65	276	1166699	31.848	ng	# 96
88) Benzo(b)fluoranthene	23.91	252	1128821	34.430	ng	99
89) Benzo(k)fluoranthene	23.98	252	1094003	34.714	ng	99
90) Benzo(a)pyrene	24.79	252	1114852	35.834	ng	# 98
91) Dibenzo(a,h)anthracene	28.71	278	923109	29.305	ng	98
92) Benzo(g,h,i)perylene	29.81	276	979555	31.092	ng	99

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

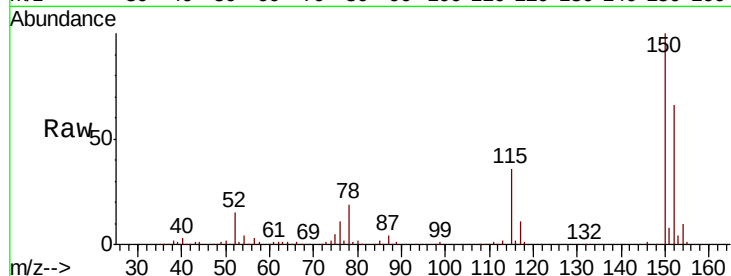


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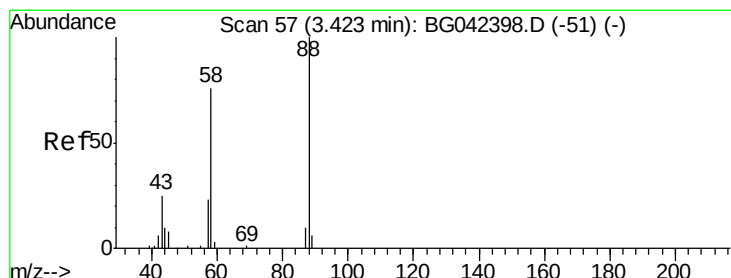
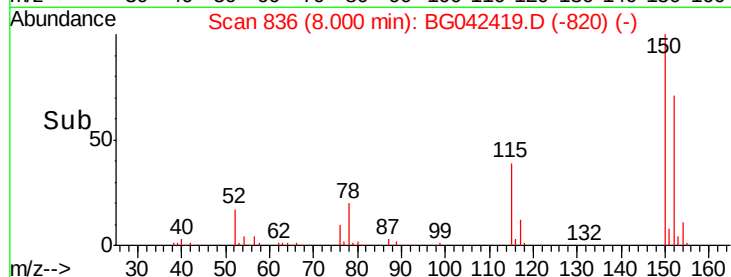
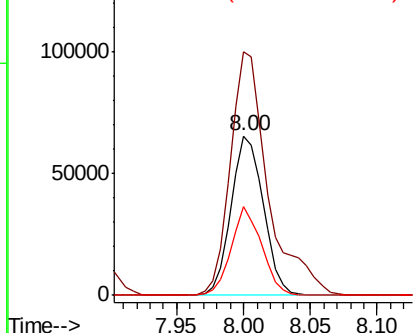
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 110466
Ion Ratio Lower Upper
152 100
150 152.7 125.4 188.0
115 55.3 38.5 57.7



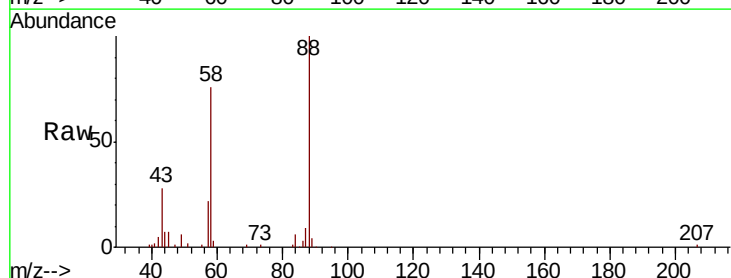
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



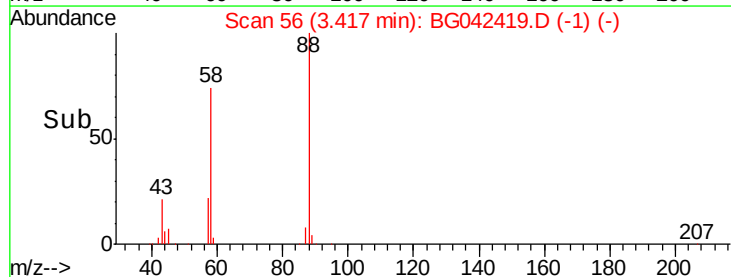
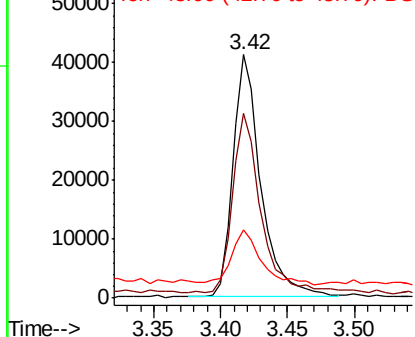
#2

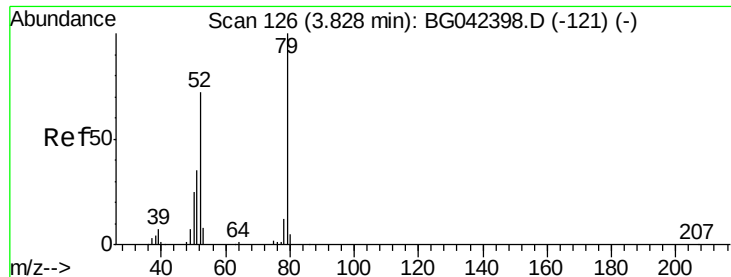
1,4-Dioxane
Concen: 26.301 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

Tgt Ion: 88 Resp: 59867
Ion Ratio Lower Upper
88 100
58 77.7 58.3 87.5
43 23.4 20.2 30.2



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: 25.739 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Instrument :

BNA_G

ClientSampleId :

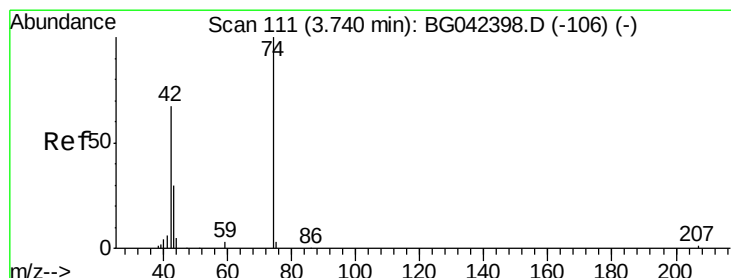
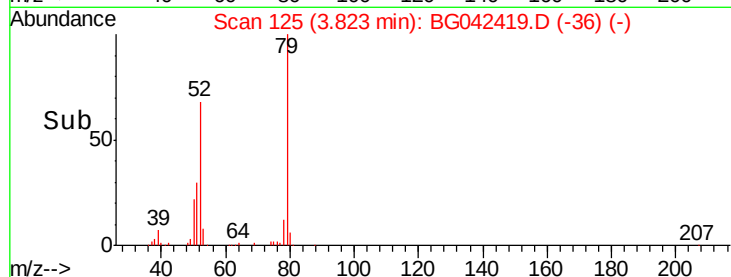
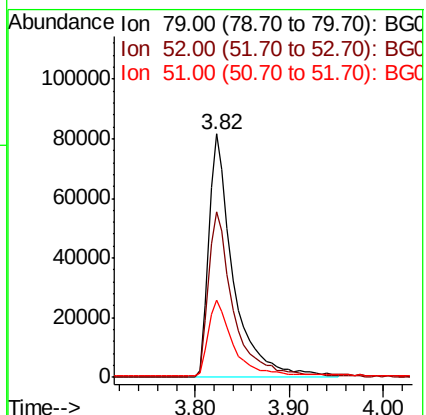
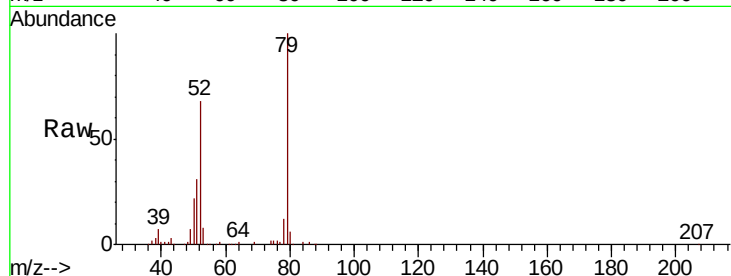
Tot Ion: 79 Resp: 150232

Ion Ratio Lower Upper

79 100

52 68.2 57.7 86.5

51 31.5 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 28.189 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

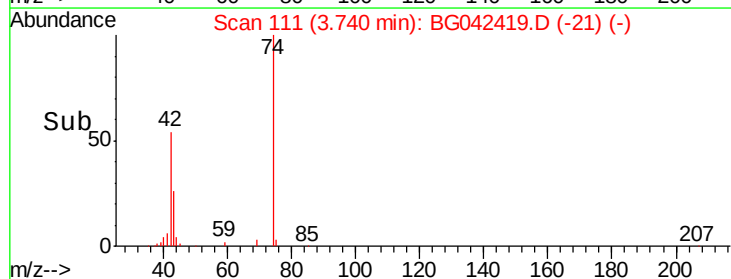
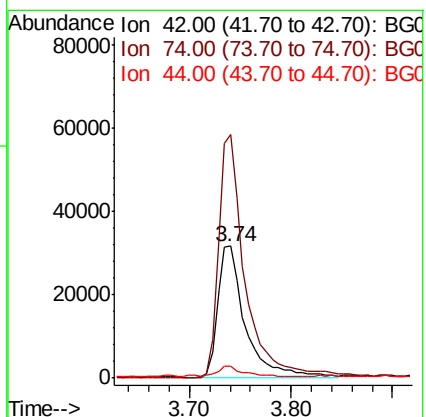
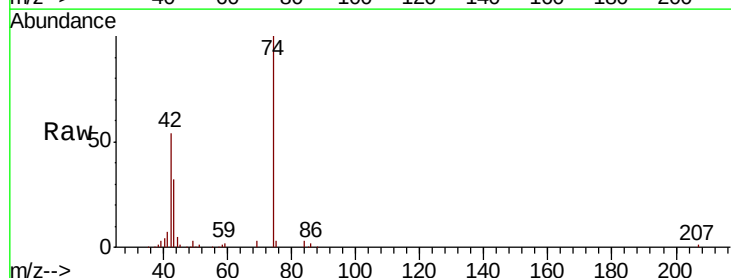
Tgt Ion: 42 Resp: 58765

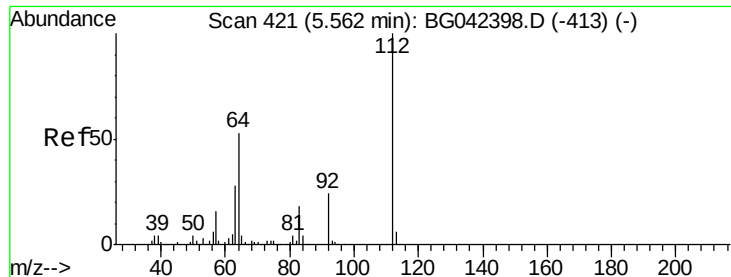
Ion Ratio Lower Upper

42 100

74 184.3 119.6 179.4#

44 8.6 6.5 9.7





#5

2-Fluorophenol

Concen: 124.511 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Instrument :

BNA_G

ClientSampled :

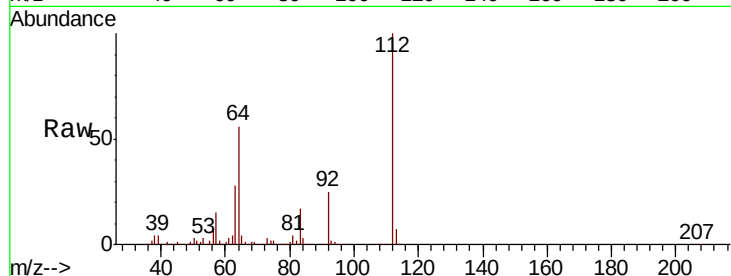
Tot Ion:112 Resp: 679123

Ion Ratio Lower Upper

112 100

64 56.0 42.8 64.2

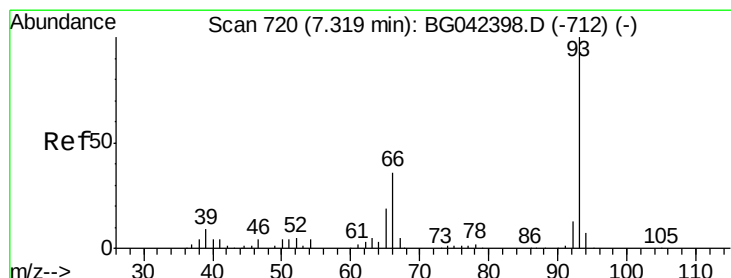
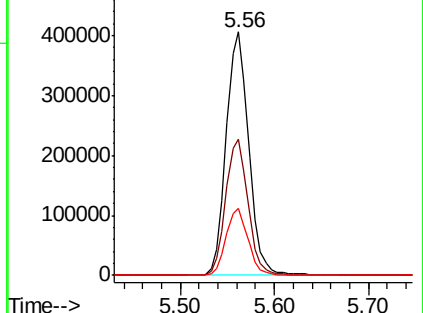
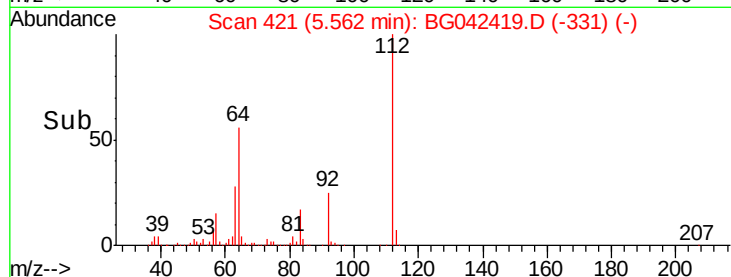
63 27.7 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.961 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

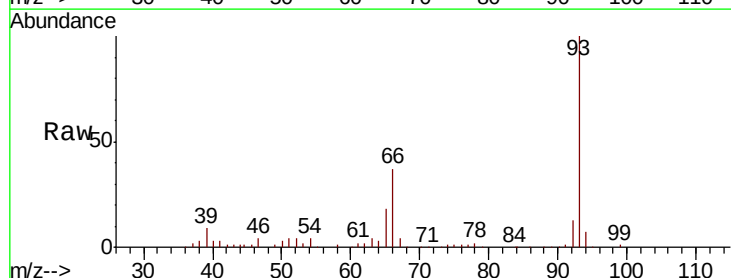
Tgt Ion: 93 Resp: 196151

Ion Ratio Lower Upper

93 100

66 37.2 29.0 43.6

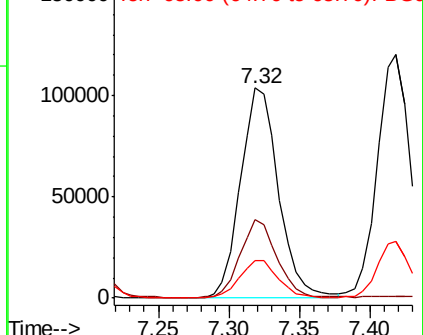
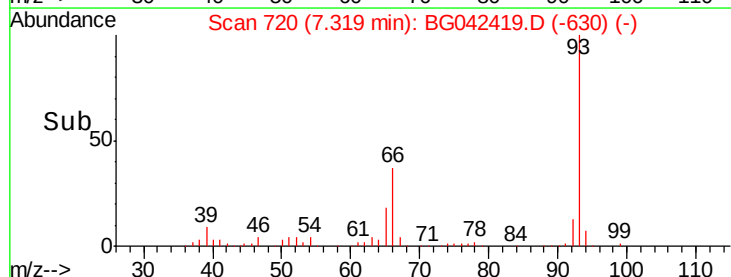
65 18.0 15.2 22.8

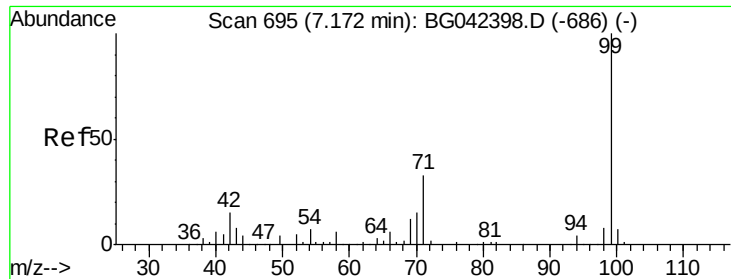


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.463 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Instrument :

BNA_G

ClientSampleId :

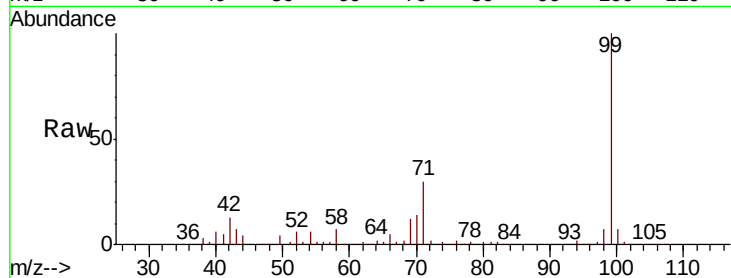
Tot Ion: 99 Resp: 916989

Ion Ratio Lower Upper

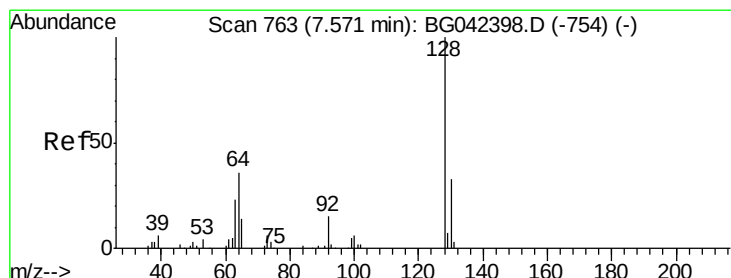
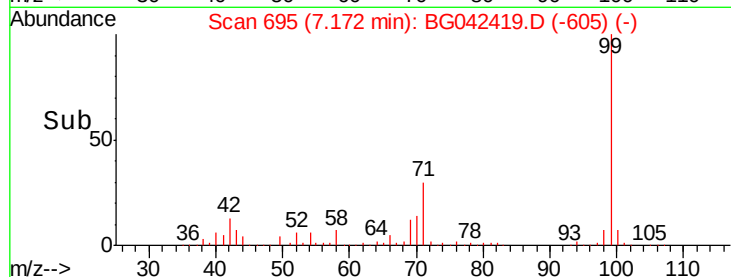
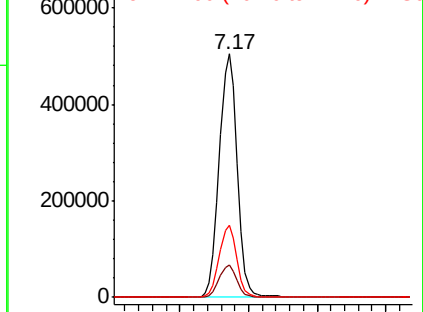
99 100

42 13.5 12.0 18.0

71 29.5 26.3 39.5



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: 33.854 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

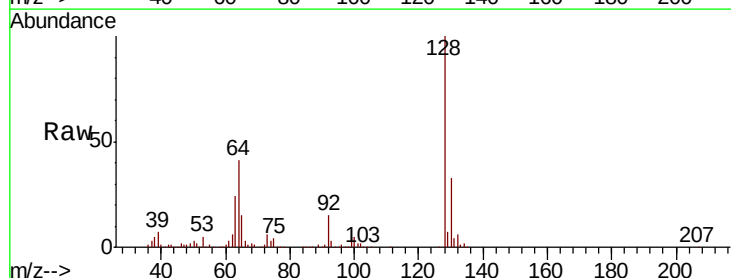
Tgt Ion: 128 Resp: 223782

Ion Ratio Lower Upper

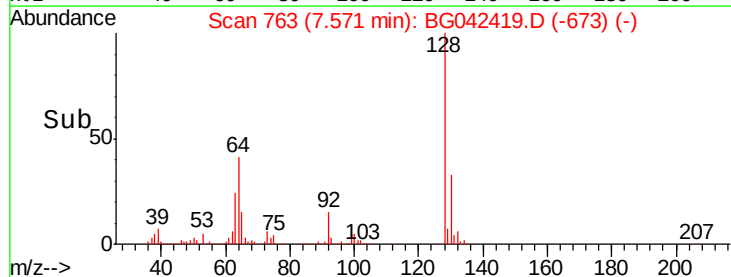
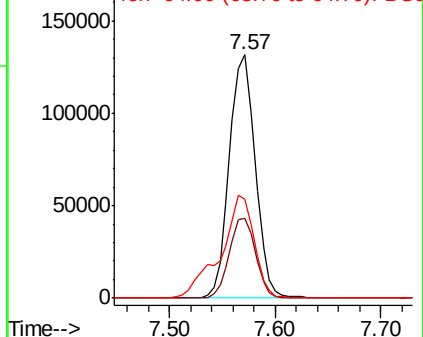
128 100

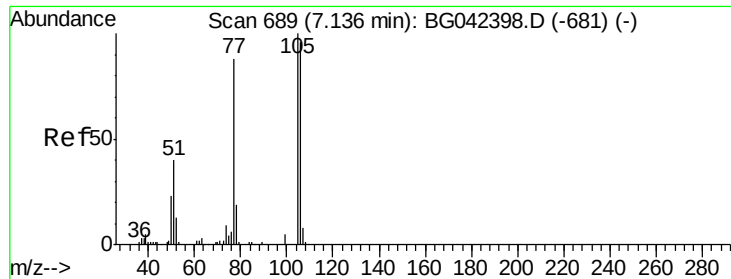
130 32.8 12.8 52.8

64 40.7 19.2 59.2



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: 22.418 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Instrument :

BNA_G

ClientSampleId :

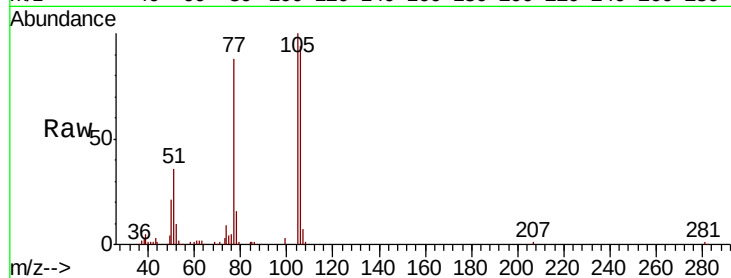
Tot Ion: 77 Resp: 82688

Ion Ratio Lower Upper

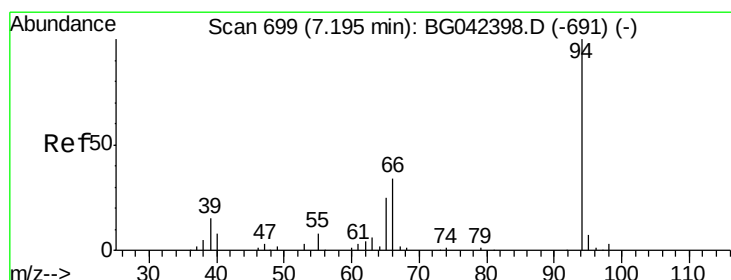
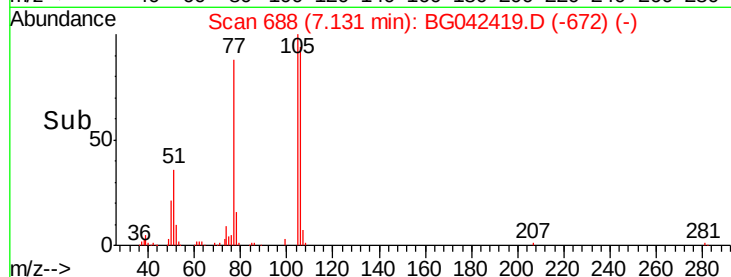
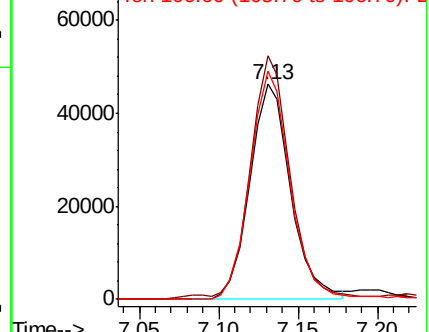
77 100

105 113.1 93.4 133.4

106 106.2 88.4 128.4



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: 36.192 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

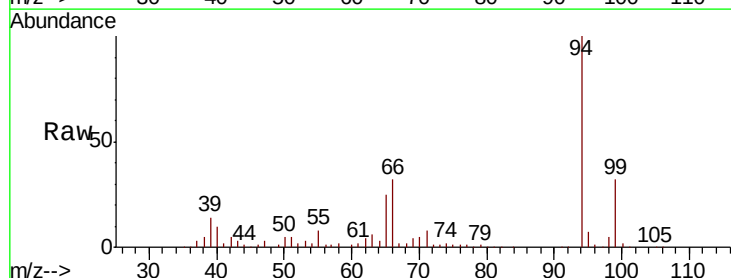
Tgt Ion: 94 Resp: 271115

Ion Ratio Lower Upper

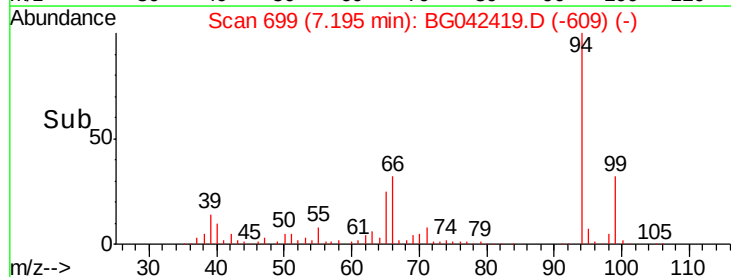
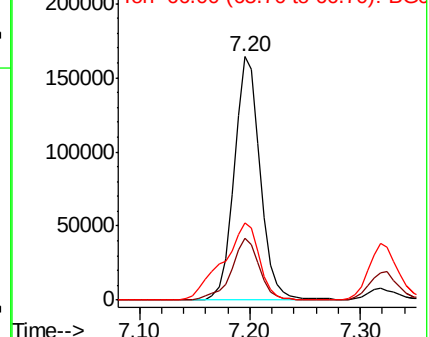
94 100

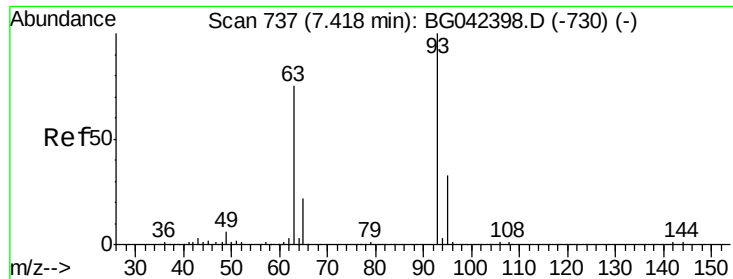
65 25.4 5.6 45.6

66 31.6 16.0 56.0



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: 34.224 ng

RT: 7.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Instrument :

BNA_G

ClientSampleId :

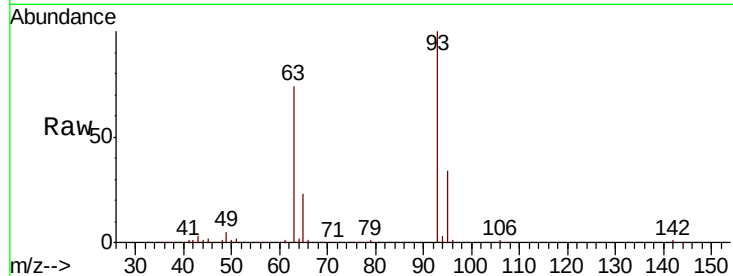
Tot Ion: 93 Resp: 201345

Ion Ratio Lower Upper

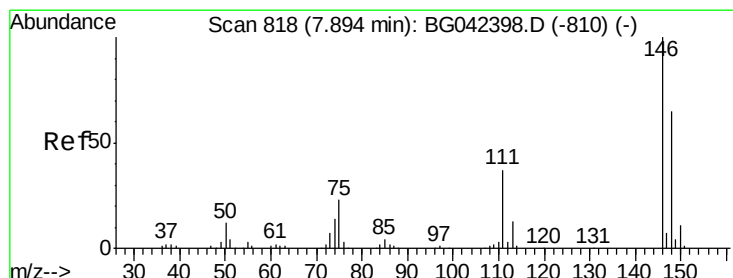
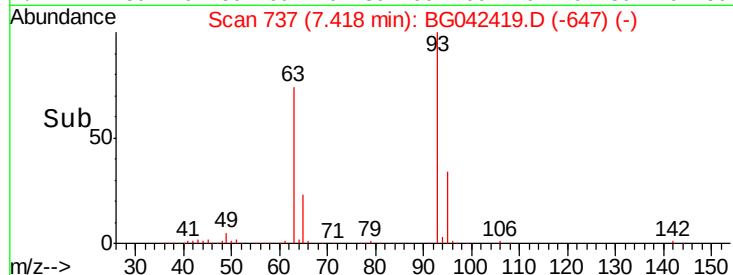
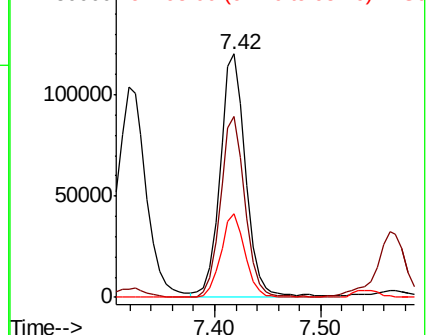
93 100

63 74.4 53.8 93.8

95 34.4 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 29.049 ng

RT: 7.89 min Scan# 818

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

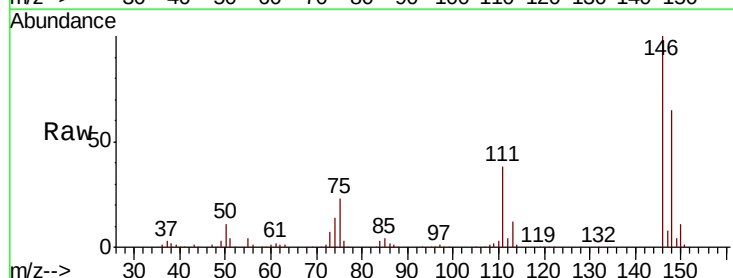
Tgt Ion: 146 Resp: 244273

Ion Ratio Lower Upper

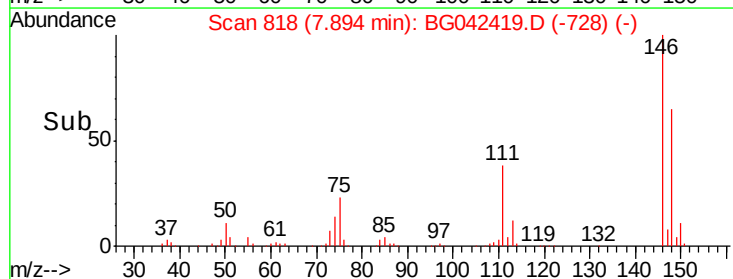
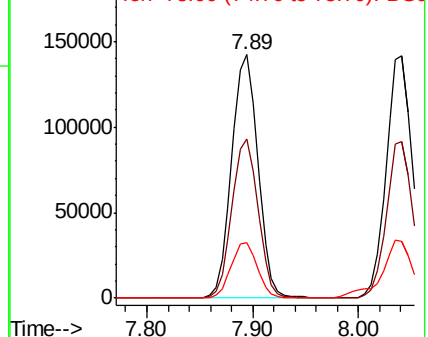
146 100

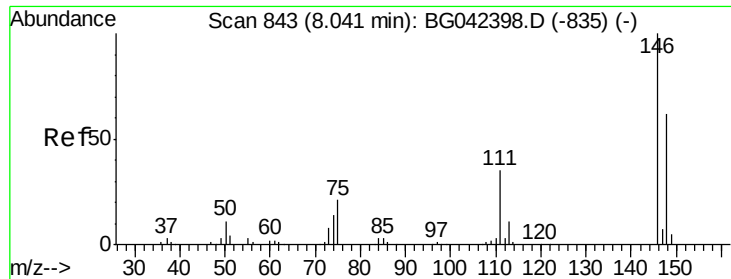
148 65.5 52.2 78.2

75 23.0 18.0 27.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

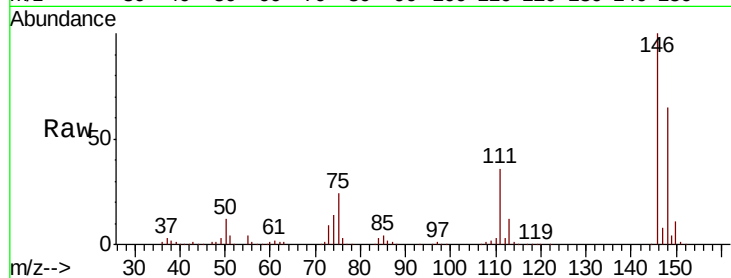




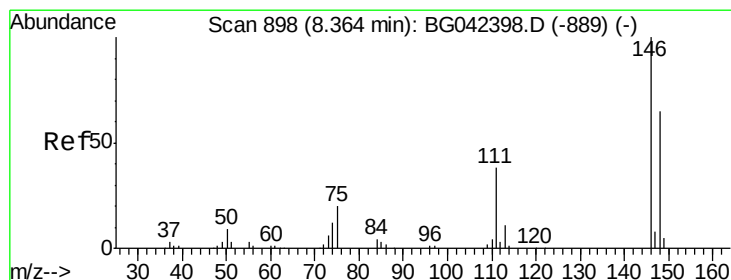
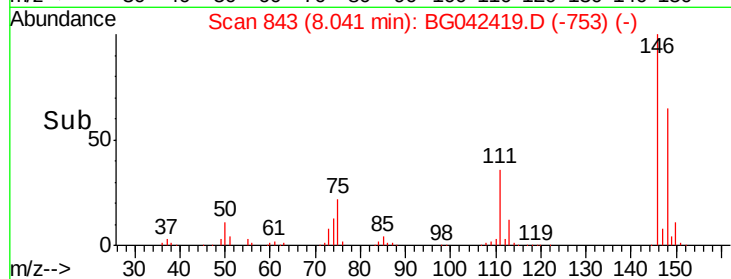
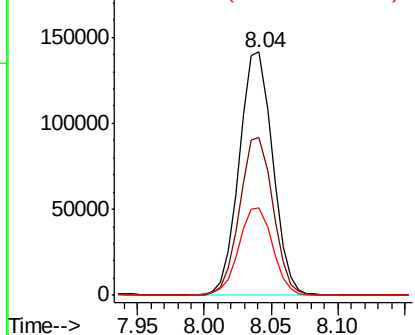
#13
 1,4-Dichlorobenzene
 Concen: 28.917 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.5	74.3
111	35.9	28.1	42.1

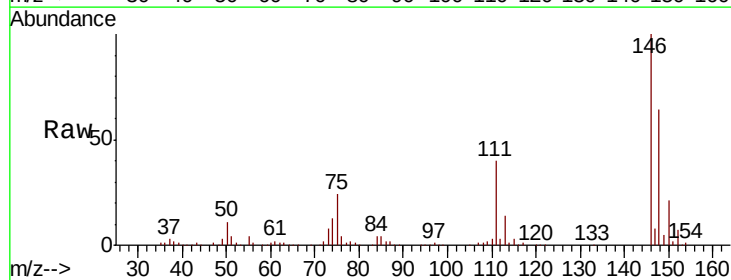


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

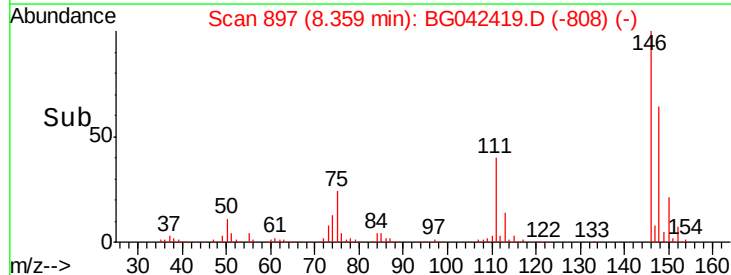
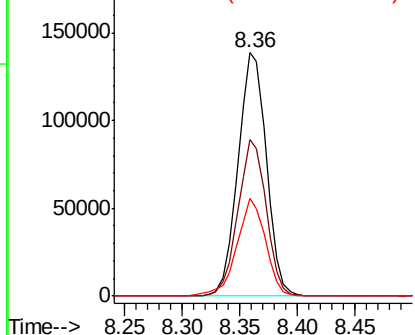


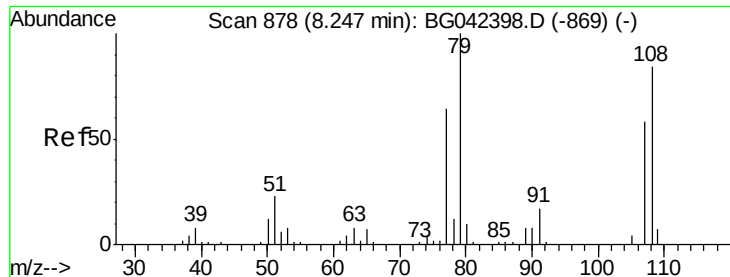
#14
 1,2-Dichlorobenzene
 Concen: 28.967 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.6
111	39.9	30.9	46.3



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: 30.416 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Instrument :

BNA_G

ClientSampleId :

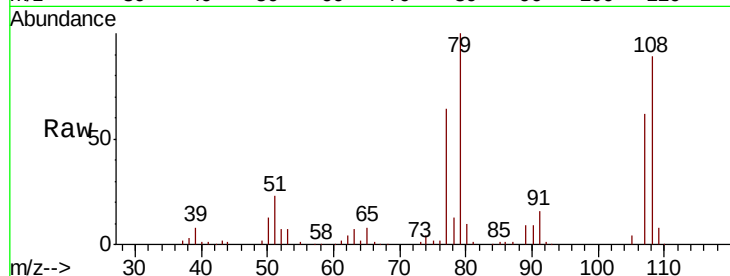
Tot Ion: 79 Resp: 161219

Ion Ratio Lower Upper

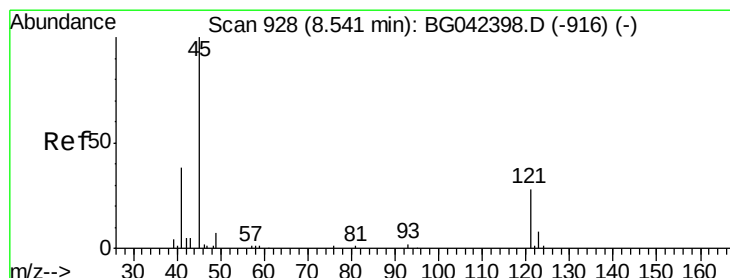
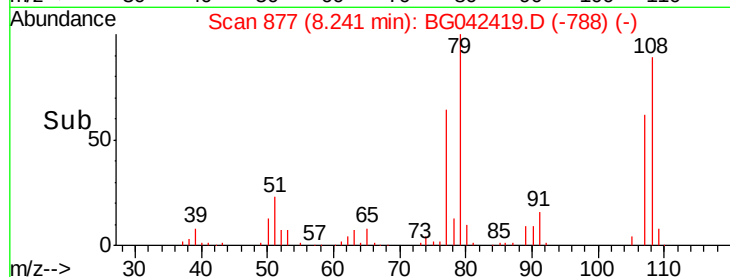
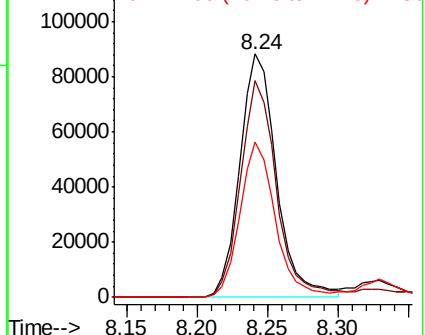
79 100

108 89.2 67.4 101.2

77 63.8 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.578 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

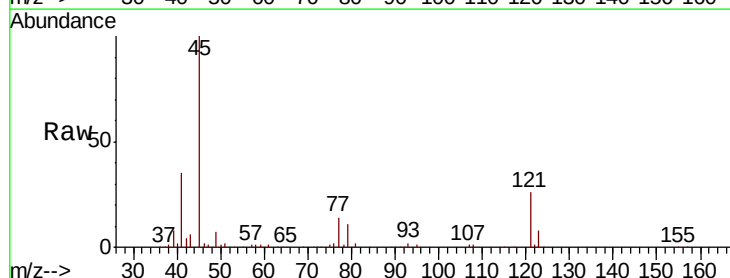
Tgt Ion: 45 Resp: 251795

Ion Ratio Lower Upper

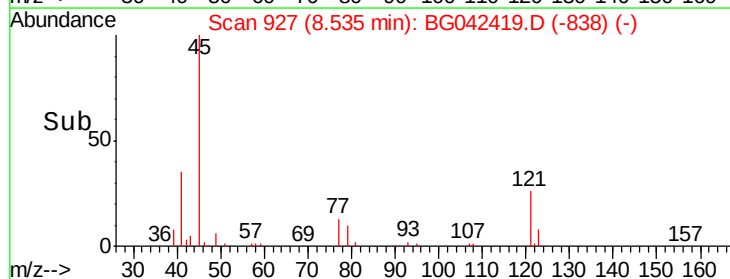
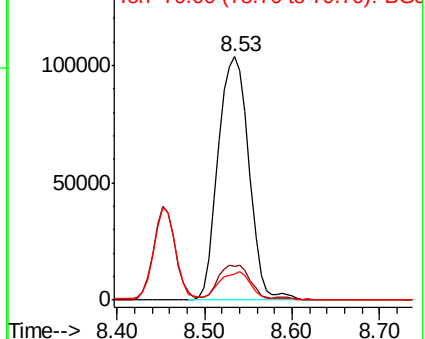
45 100

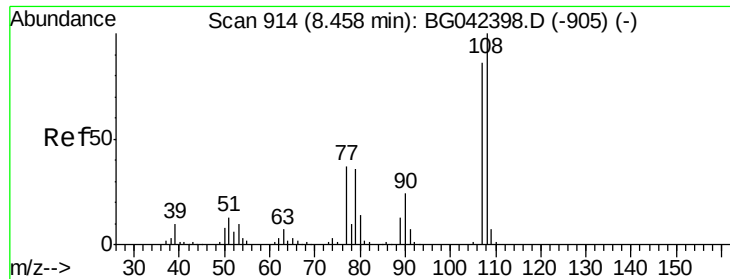
77 14.1 0.0 35.6

79 10.9 0.0 31.6



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

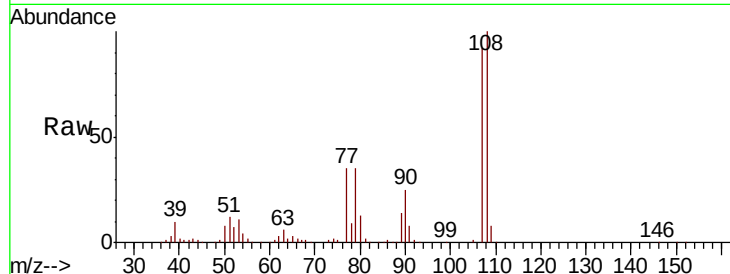




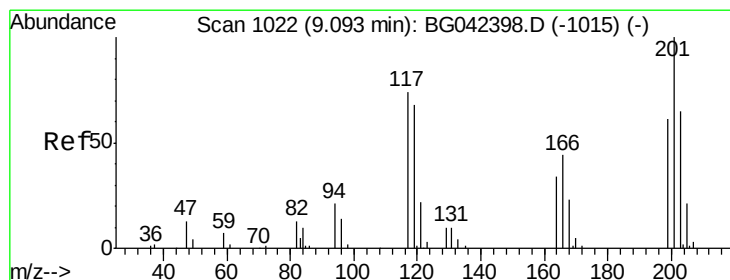
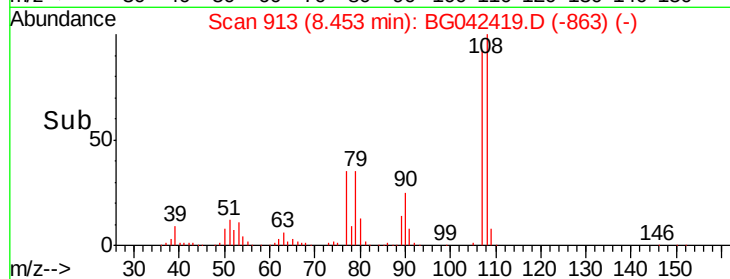
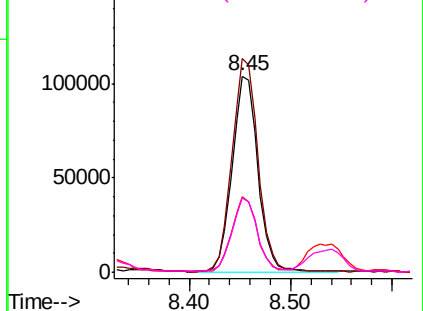
#17
2-Methylphenol
Concen: 33.037 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	182278
Ion	Ratio	Lower	Upper
107	100		
108	108.8	92.9	139.3
77	38.3	34.4	51.6
79	38.1	33.8	50.6

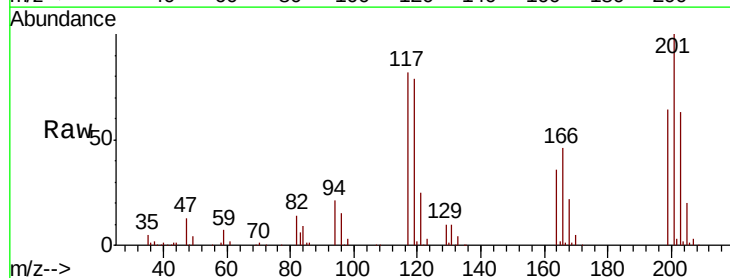


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

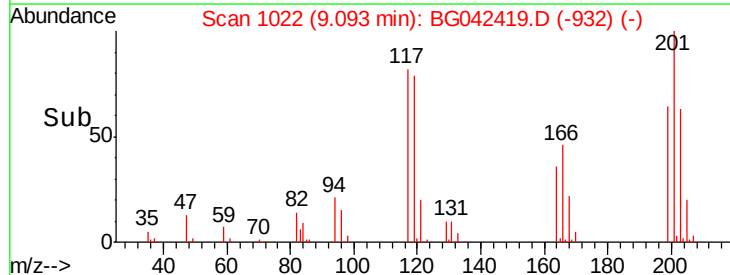
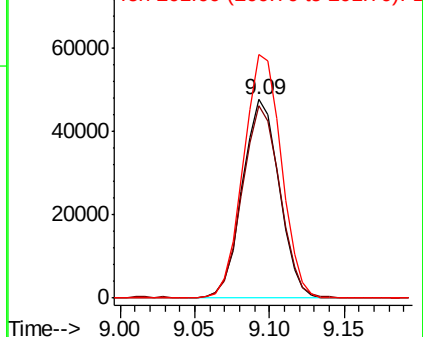


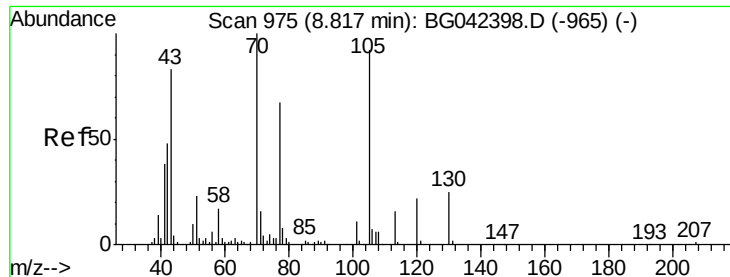
#18
Hexachloroethane
Concen: 27.944 ng
RT: 9.09 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

Tgt Ion:	117	Resp:	81484
Ion	Ratio	Lower	Upper
117	100		
119	97.0	73.8	110.8
201	122.5	108.3	162.5



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: 30.337 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 144801

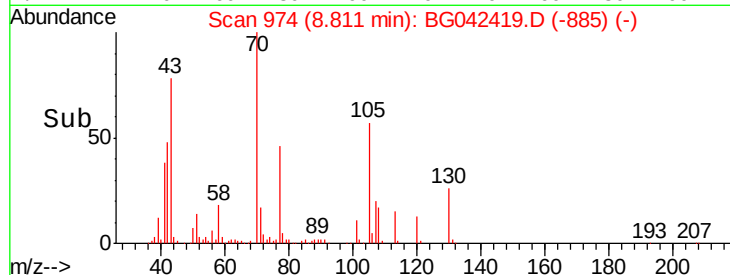
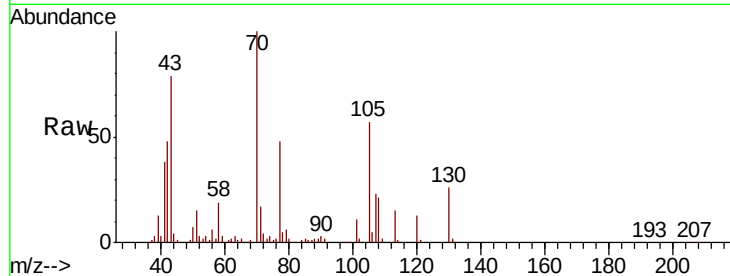
Ion Ratio Lower Upper

70 100

42 48.2 38.8 58.2

101 11.2 9.0 13.6

130 25.7 20.0 30.0



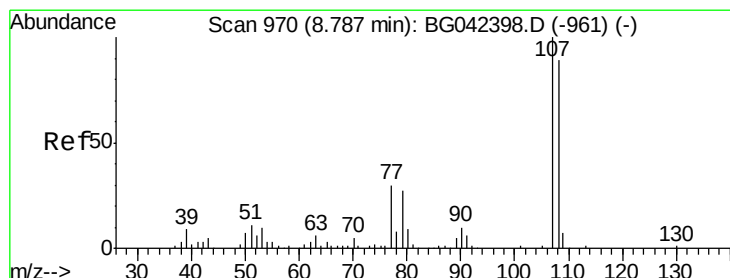
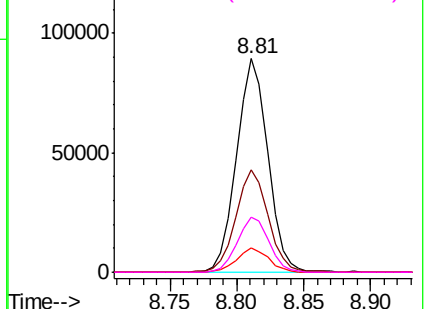
Abundance

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: 32.910 ng

RT: 8.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Tgt Ion: 107 Resp: 251263

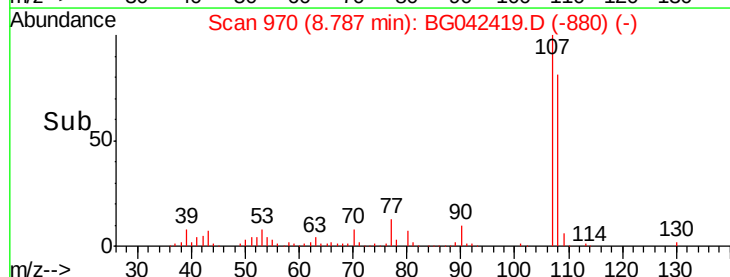
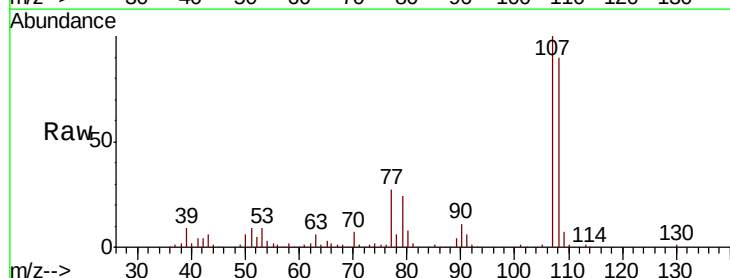
Ion Ratio Lower Upper

107 100

108 90.5 68.7 108.7

77 27.2 10.2 50.2

79 24.2 6.9 46.9



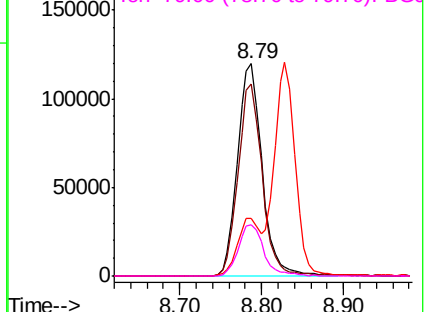
Abundance

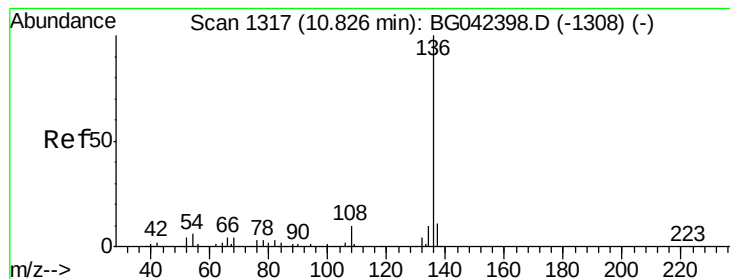
Ion 107.00 (106.70 to 107.70): BGC

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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 349006

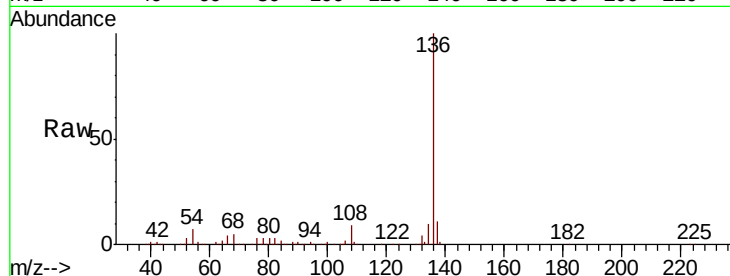
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 6.9 4.9 7.3

68 5.3 3.6 5.4

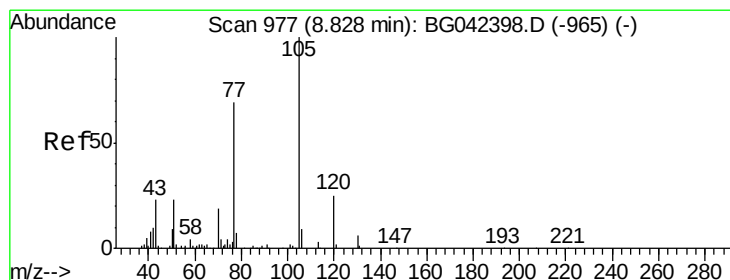
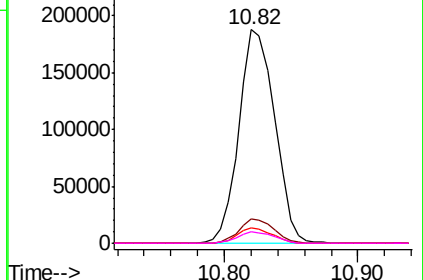
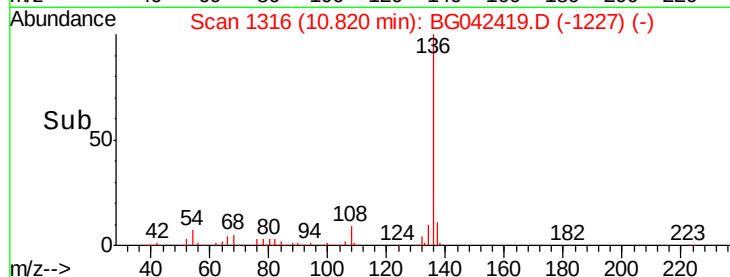


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.302 ng

RT: 8.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Tgt Ion:105 Resp: 300839

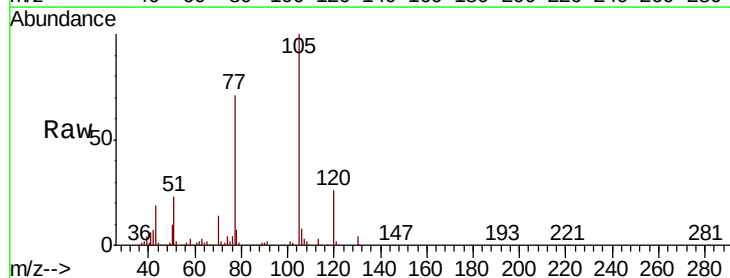
Ion Ratio Lower Upper

105 100

71 2.4 2.8 4.2#

51 23.0 18.7 28.1

120 26.1 20.1 30.1

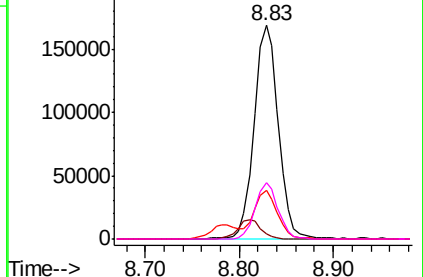
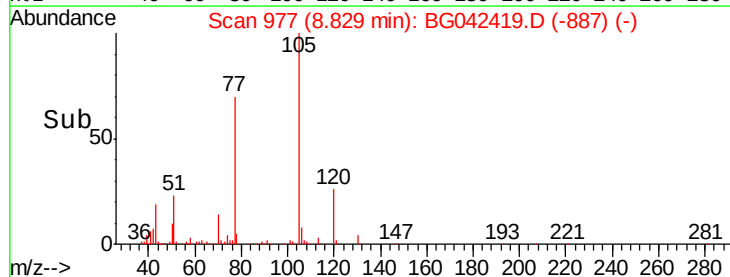


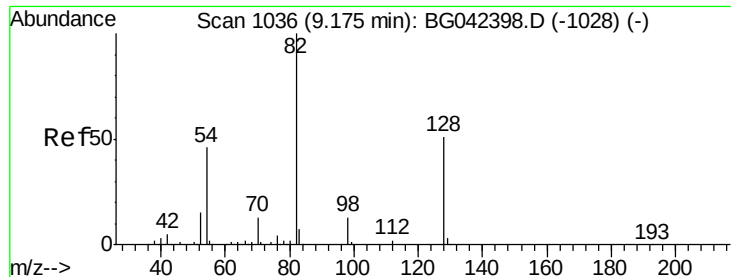
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

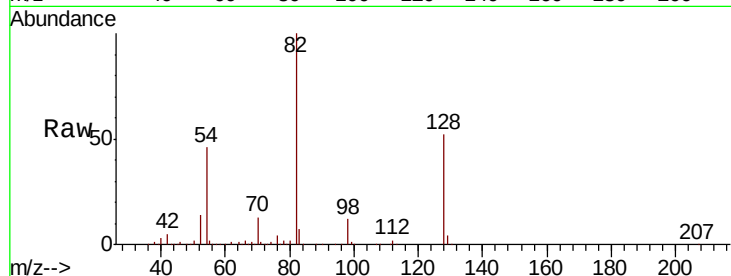




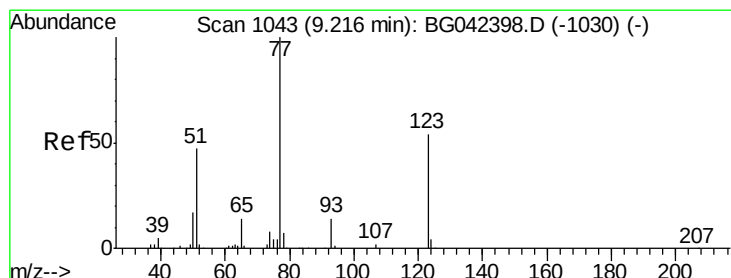
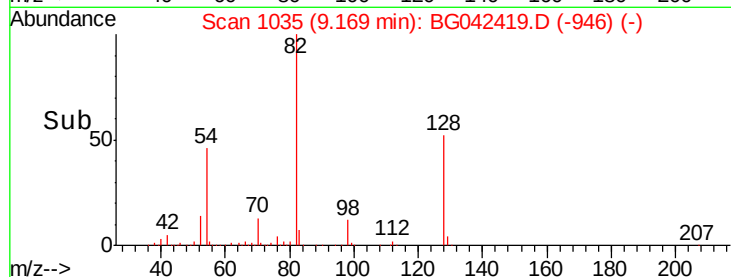
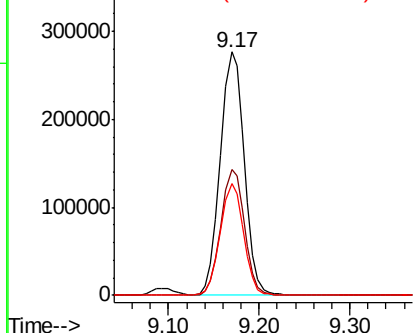
#23
 Nitrobenzene-d5
 Concen: 100.379 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	506957
Ion Ratio	Lower	Upper	
82	100		
128	51.7	40.7	61.1
54	45.7	36.3	54.5

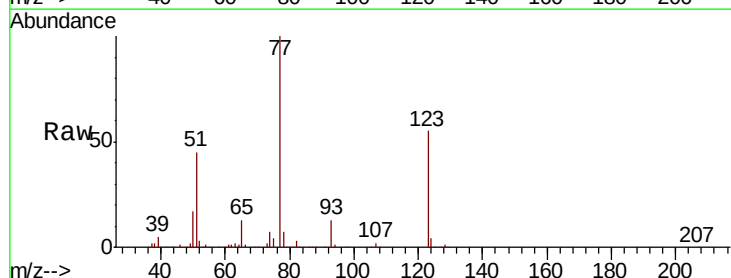


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

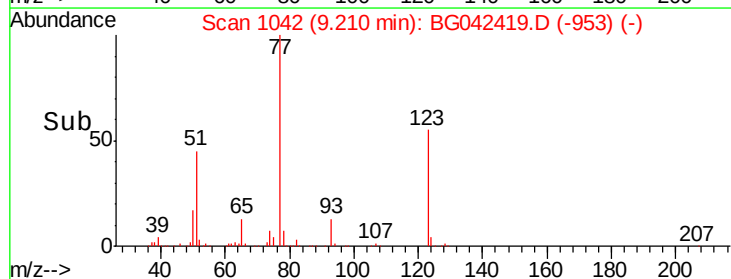
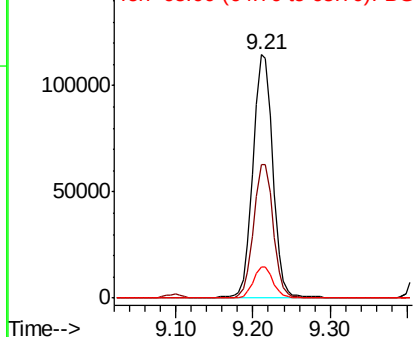


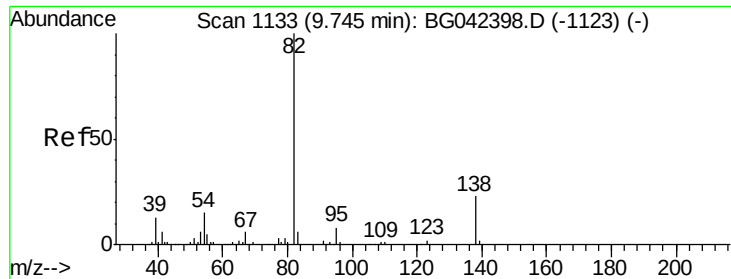
#24
 Nitrobenzene
 Concen: 40.888 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

Tgt Ion	77	Resp	209113
Ion Ratio	Lower	Upper	
77	100		
123	54.7	43.4	65.0
65	12.6	11.0	16.6



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





#25

Isophorone

Concen: 33.449 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Instrument :

BNA_G

ClientSampled :

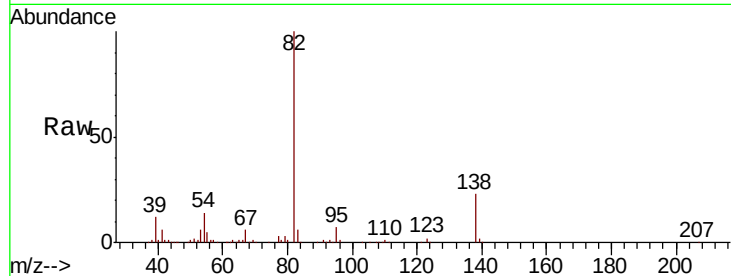
Tot Ion: 82 Resp: 333396

Ion Ratio Lower Upper

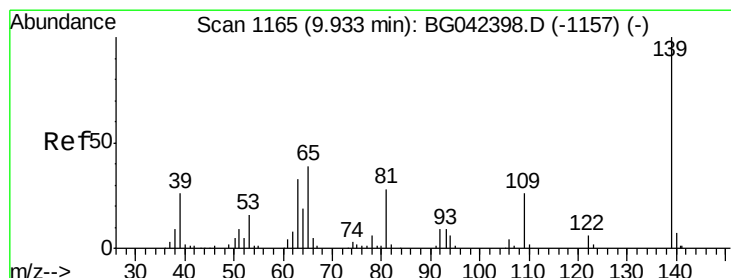
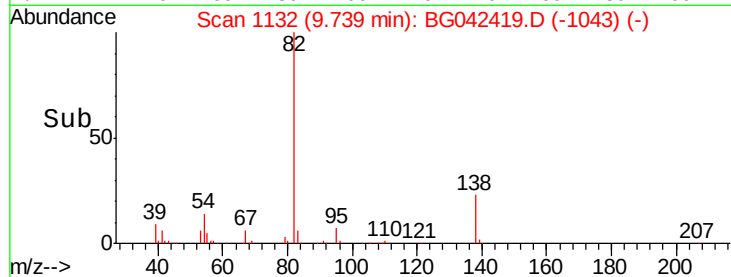
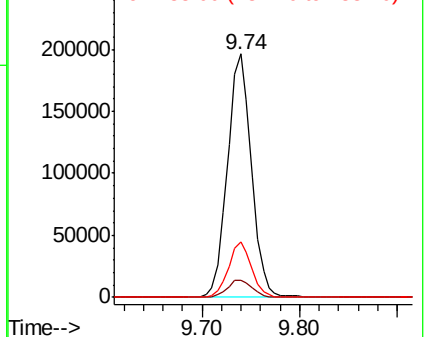
82 100

95 7.2 6.6 9.8

138 23.0 18.6 27.8



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



#26

2-Nitrophenol

Concen: 32.101 ng

RT: 9.93 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

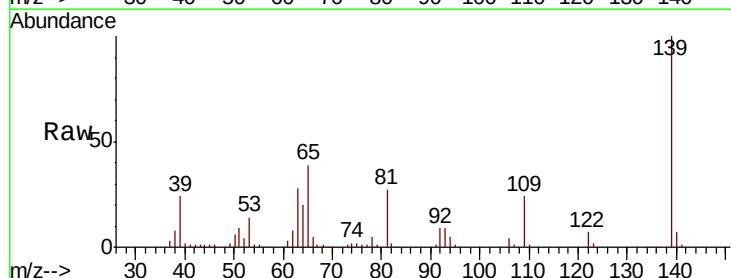
Tgt Ion: 139 Resp: 102883

Ion Ratio Lower Upper

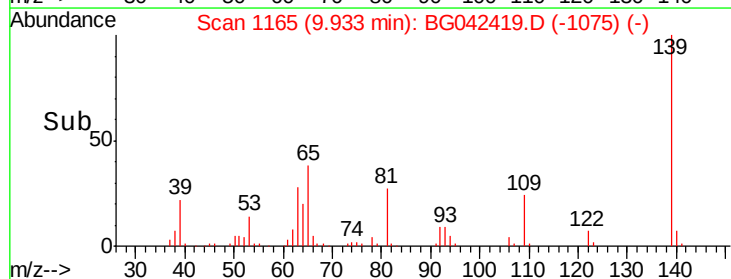
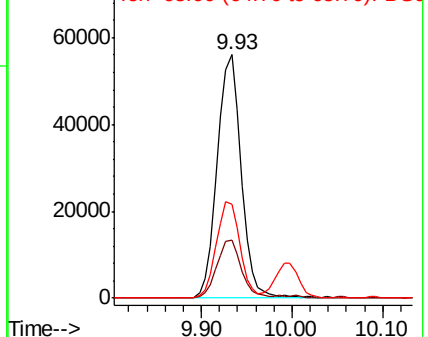
139 100

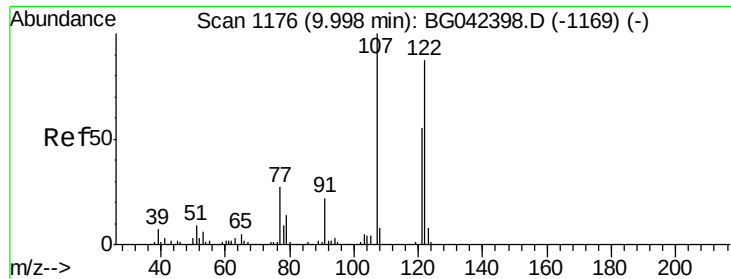
109 23.8 20.5 30.7

65 38.7 30.9 46.3



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

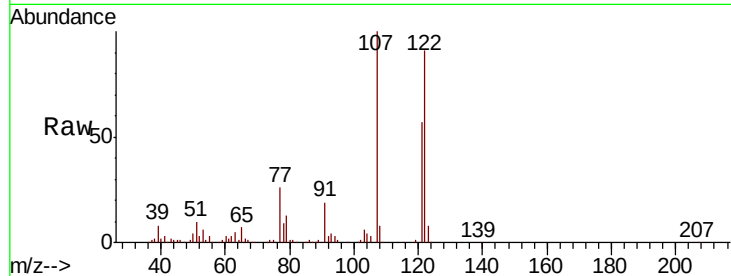




#27
 2,4-Dimethylphenol
 Concen: 38.208 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.2	90.8	136.2
121	63.3	49.6	74.4

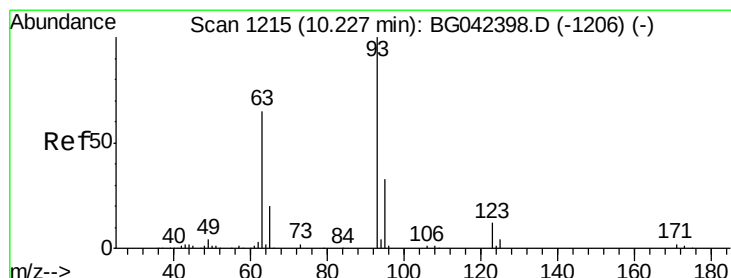
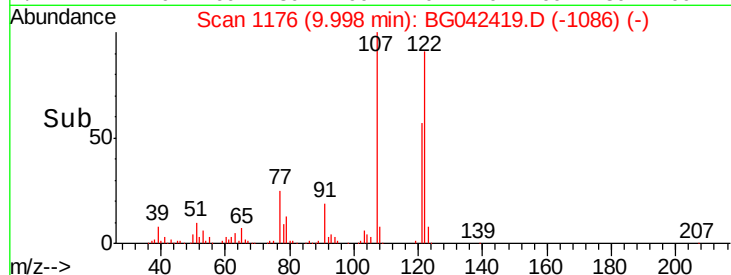
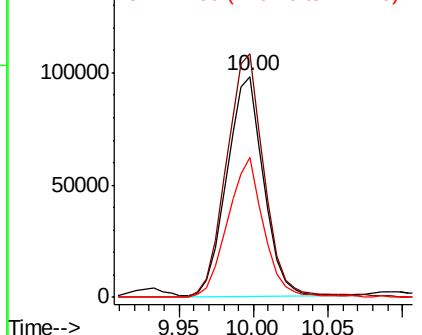


Abundance

Ion 122.00 (121.70 to 122.70): E

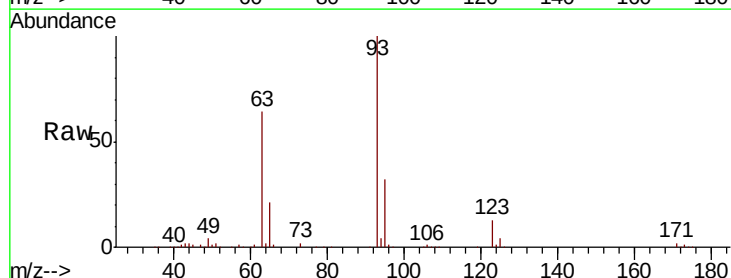
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.165 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.6	40.0
123	12.9	10.1	15.1

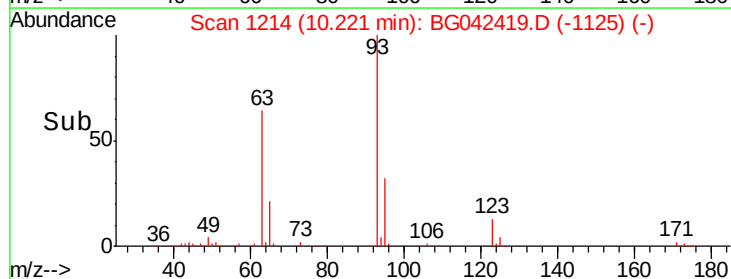
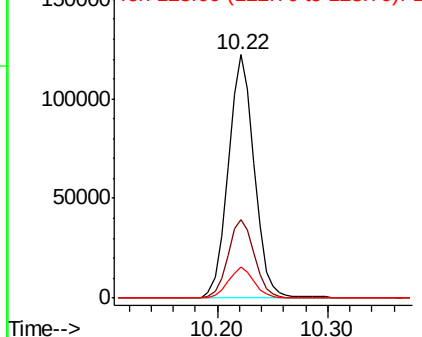


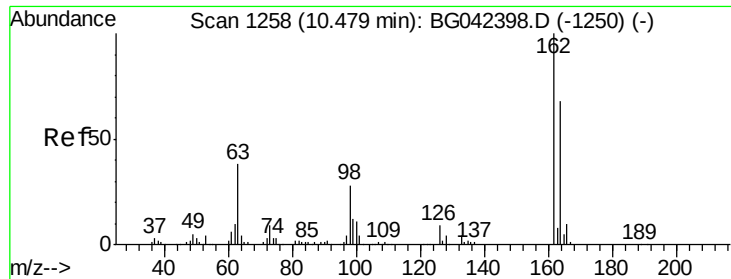
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

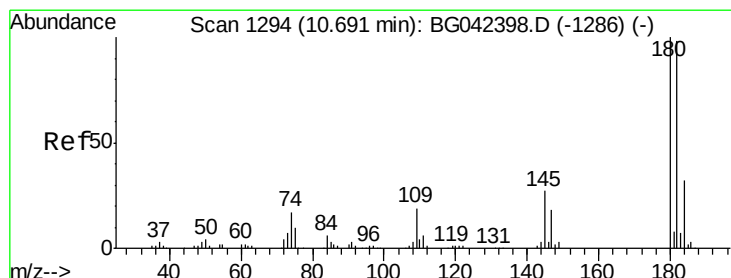
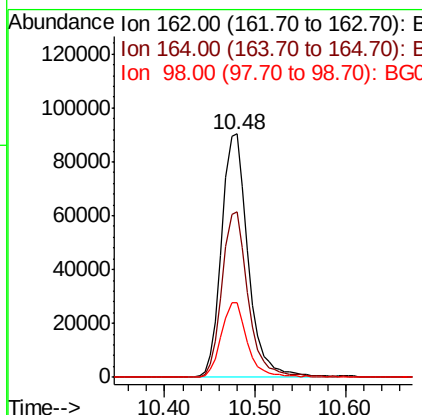
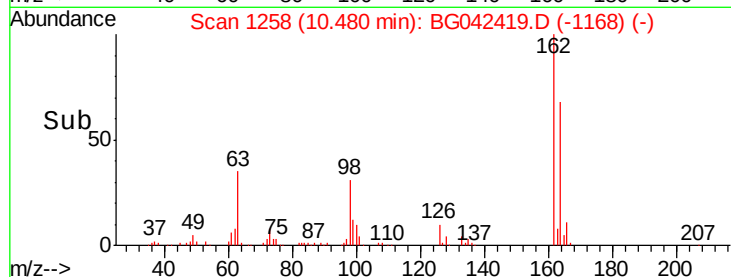
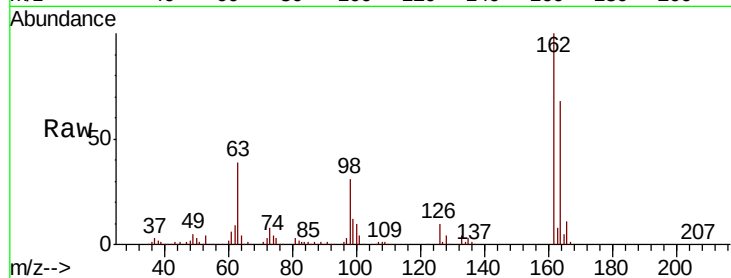




#29
 2,4-Dichlorophenol
 Concen: 31.904 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

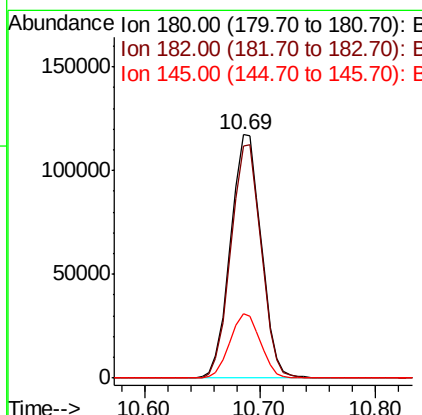
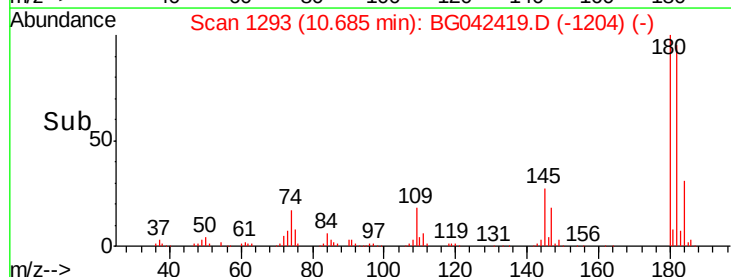
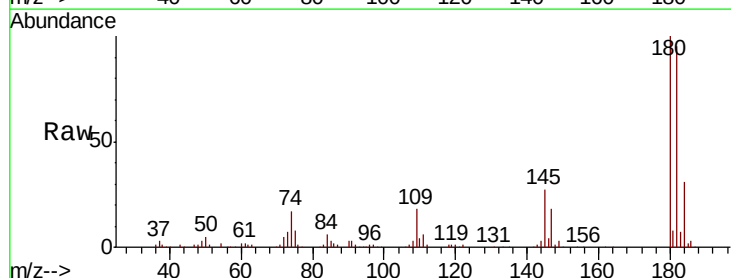
Instrument :
 BNA_G
 ClientSampleId :

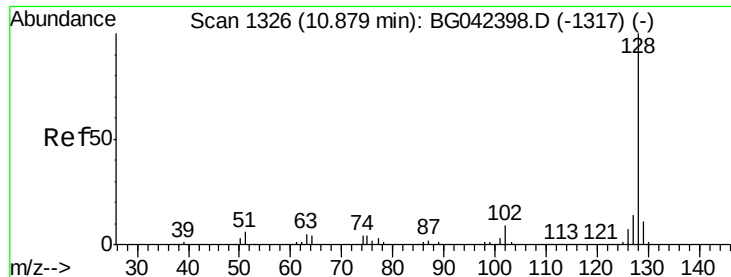
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.8	48.1	88.1
98	30.7	7.6	47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 30.420 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.7	118.1
145	26.6	21.6	32.4

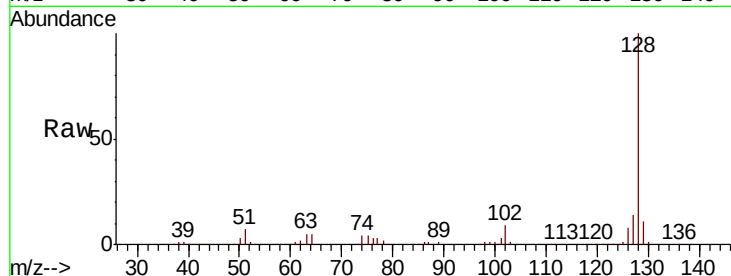




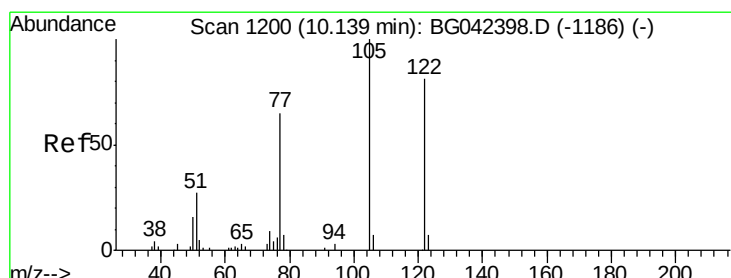
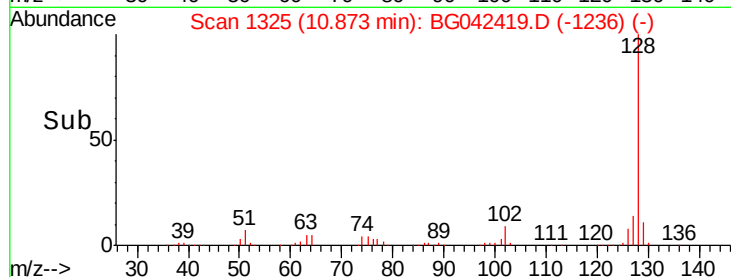
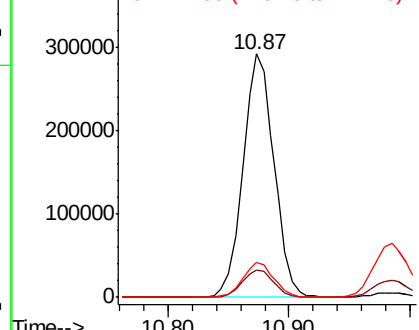
#31
Naphthalene
Concen: 32.098 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 520101
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 14.2 11.4 17.0

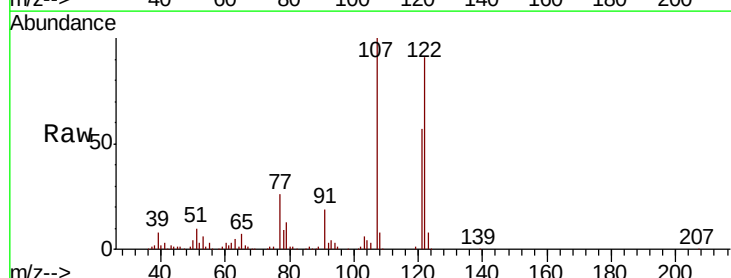


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

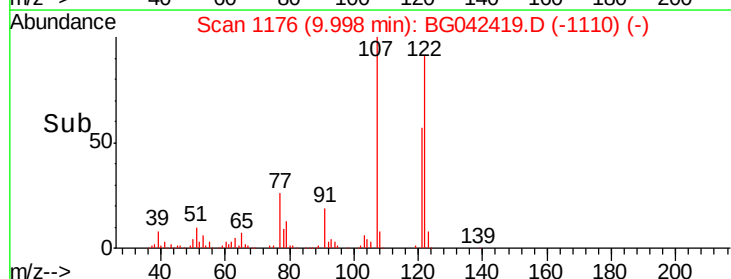
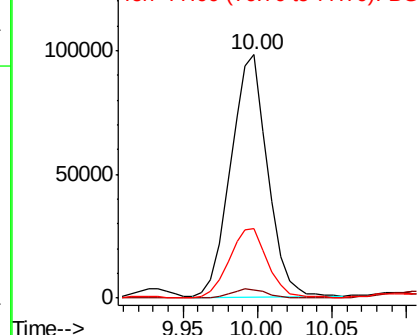


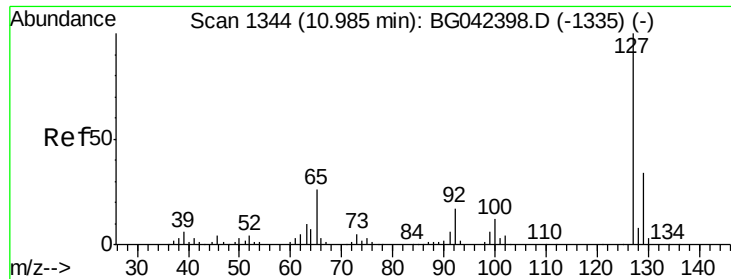
#32
Benzoic acid
Concen: 51.855 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.14 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

Tgt Ion:122 Resp: 168680
Ion Ratio Lower Upper
122 100
105 3.3 99.6 139.6#
77 28.8 59.5 99.5#



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): BGO

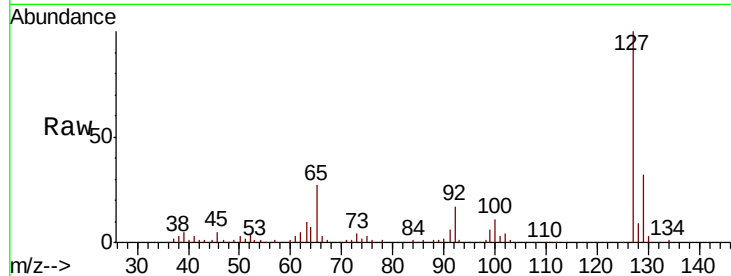




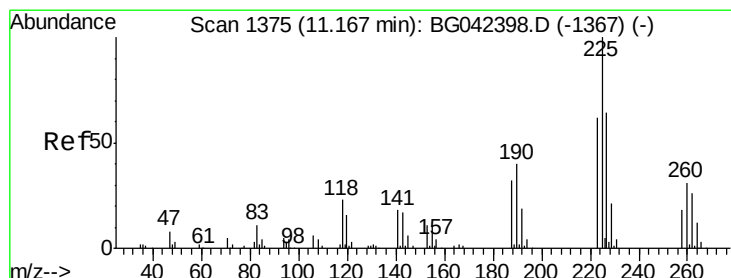
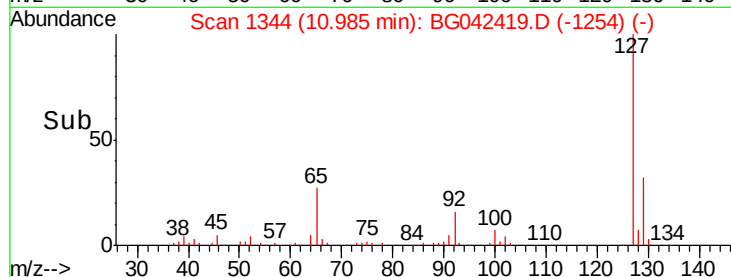
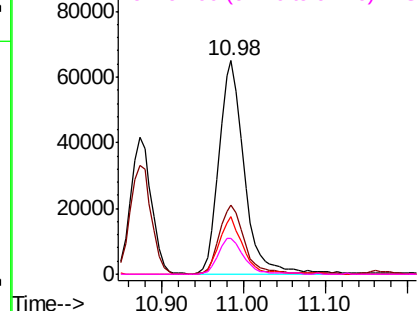
#33
4-Chloroaniline
Concen: 18.797 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	140604
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.8	40.2
65	26.8	20.7	31.1
92	16.6	13.6	20.4

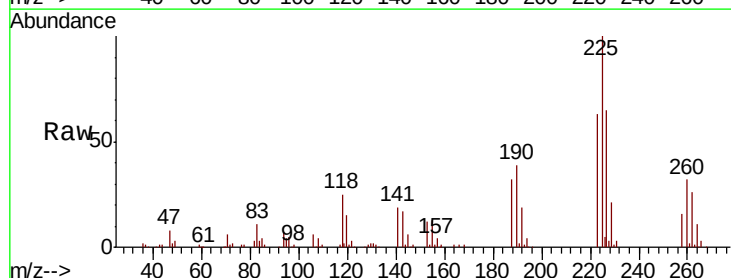


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

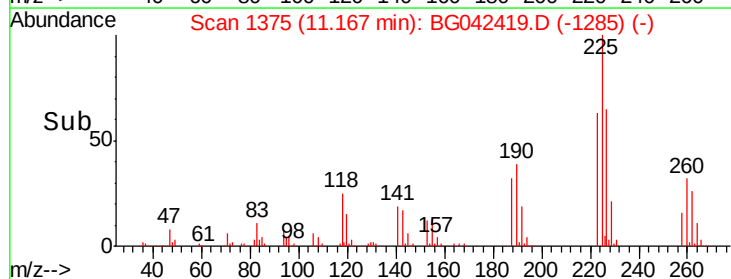
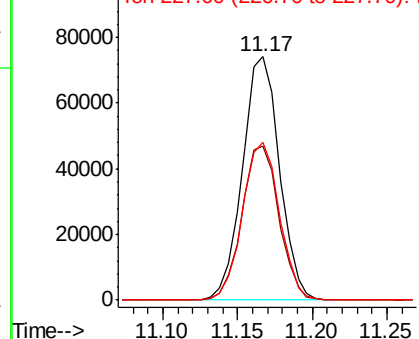


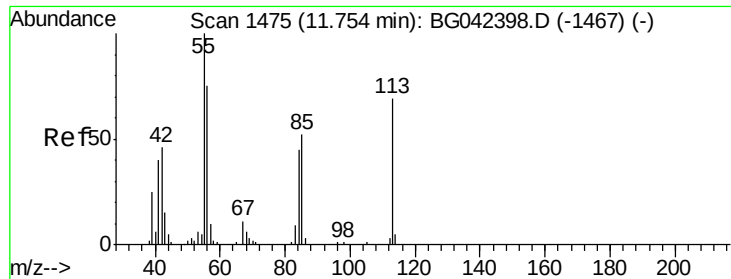
#34
Hexachlorobutadiene
Concen: 26.656 ng
RT: 11.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

Tgt Ion:	225	Resp:	127010
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.6
227	65.0	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

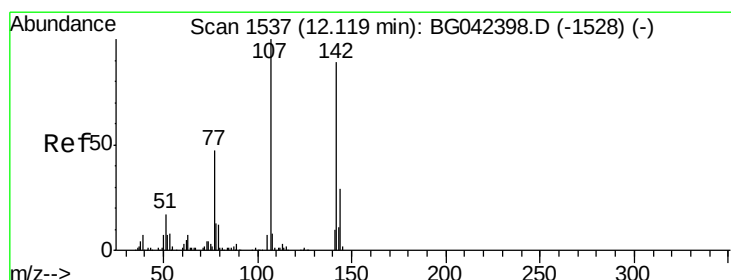
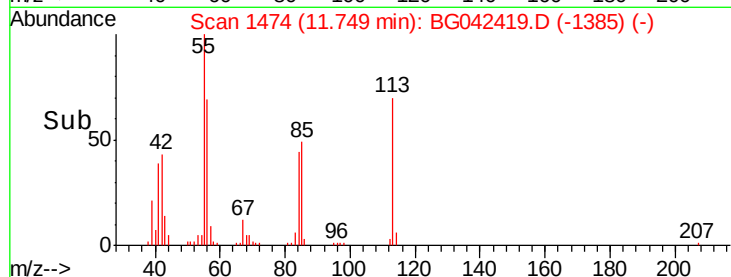
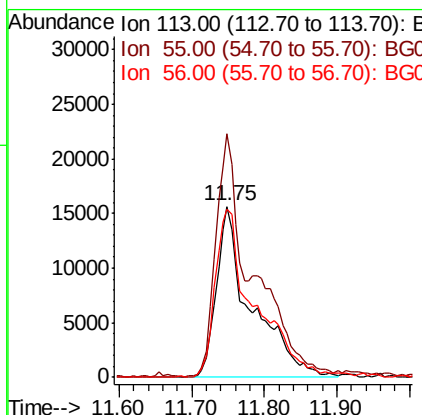
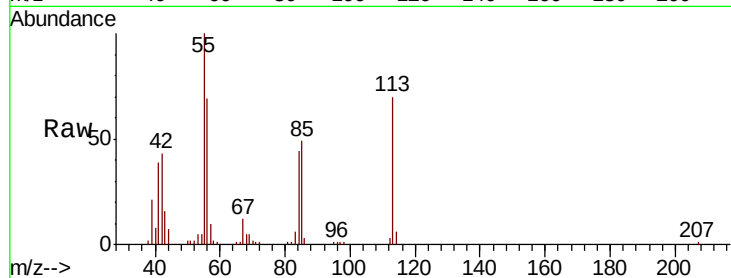




#35
 Caprolactam
 Concen: 27.075 ng
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

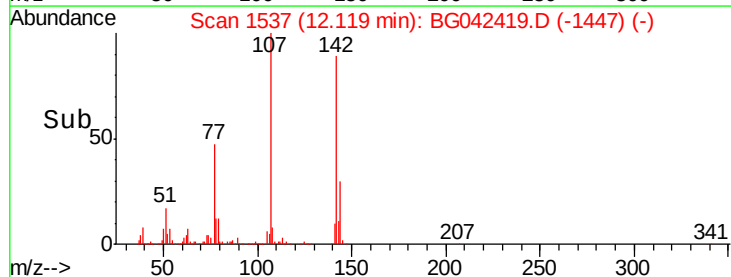
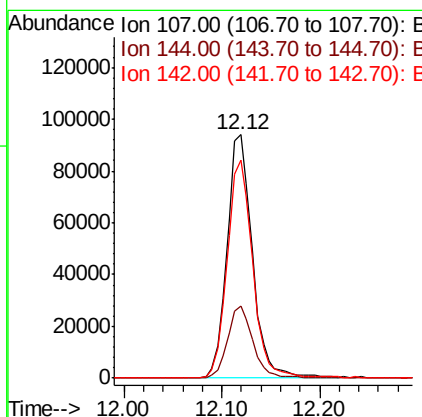
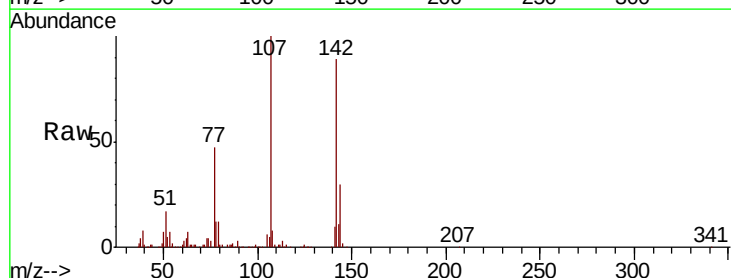
Instrument :
 BNA_G
 ClientSampleId :

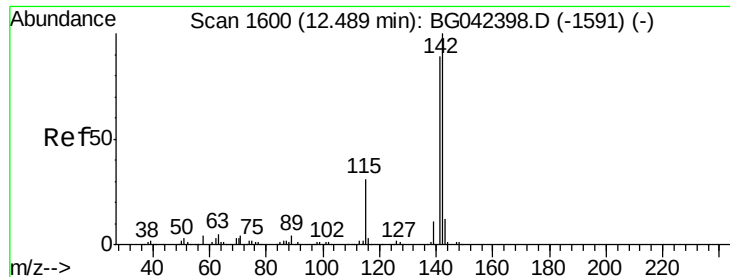
Tot Ion:113 Resp: 52184
 Ion Ratio Lower Upper
 113 100
 55 142.7 124.6 164.6
 56 98.8 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 30.906 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

Tgt Ion:107 Resp: 169466
 Ion Ratio Lower Upper
 107 100
 144 29.6 23.6 35.4
 142 89.5 71.0 106.4

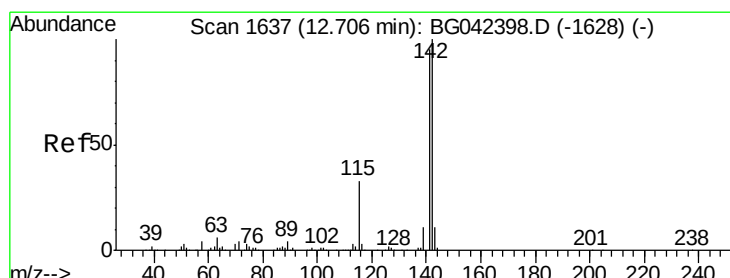
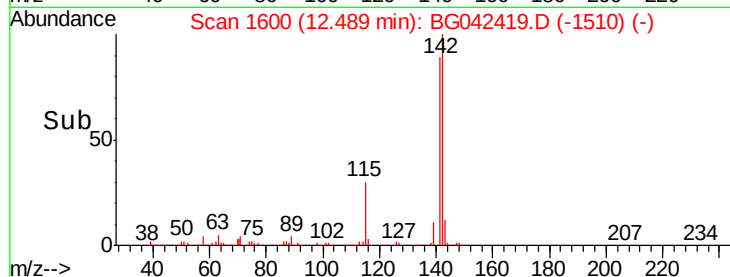
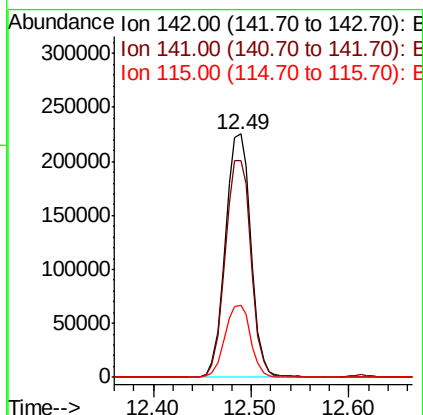
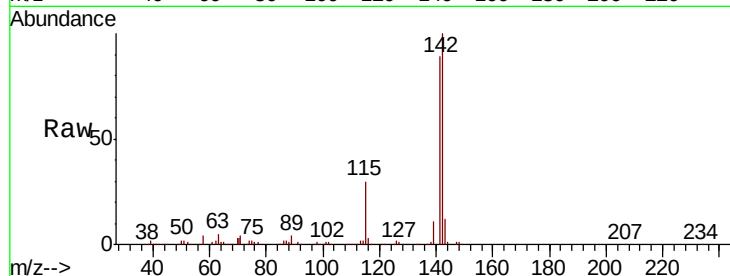




#37
2-Methylnaphthalene
Concen: 31.315 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

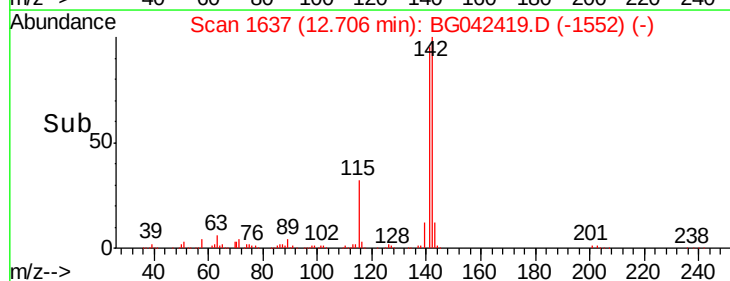
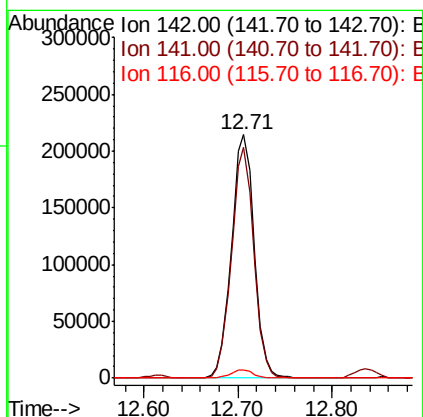
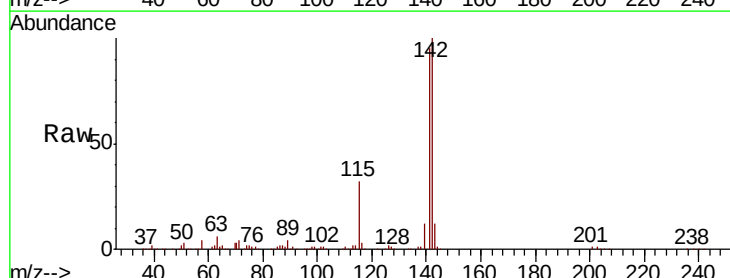
Instrument :
BNA_G
ClientSampleId :

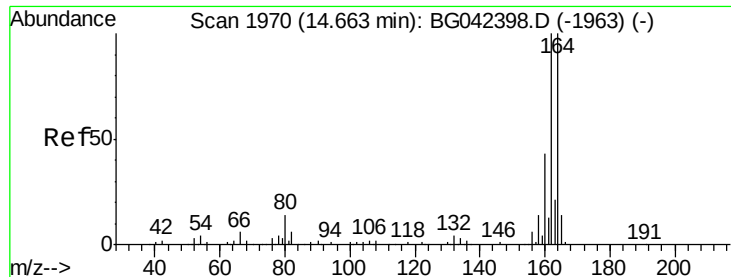
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2
115	29.8	25.2	37.8



#38
1-Methylnaphthalene
Concen: 29.202 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	76.2	114.2
116	3.5	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Instrument :

BNA_G

ClientSampleId :

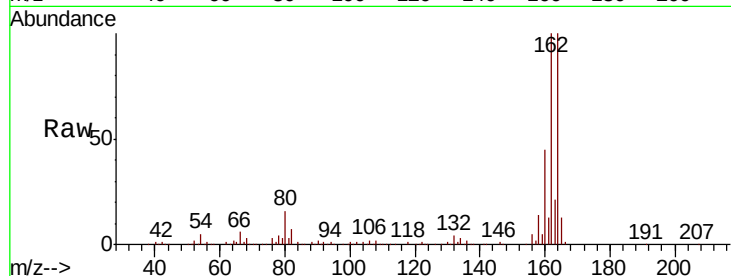
Tot Ion:164 Resp: 219678

Ion Ratio Lower Upper

164 100

162 100.4 79.9 119.9

160 44.8 34.3 51.5

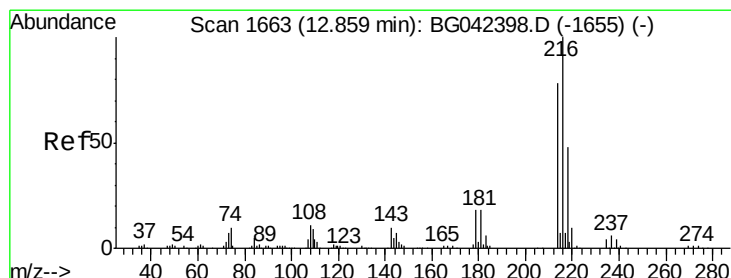
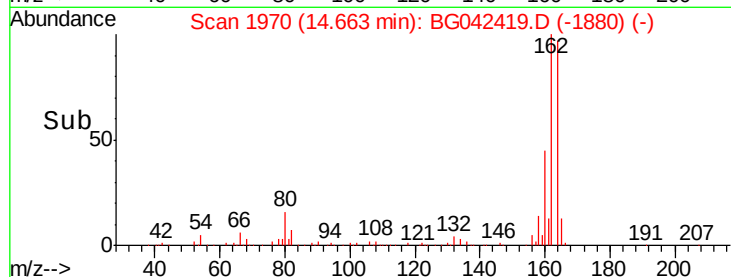
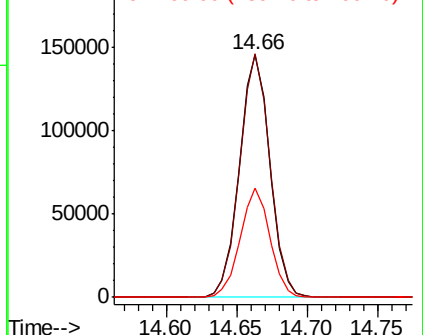


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.650 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Tgt Ion:216 Resp: 237388

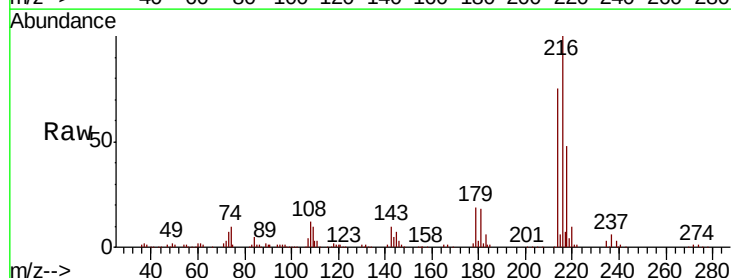
Ion Ratio Lower Upper

216 100

214 76.7 61.4 92.2

179 19.3 15.1 22.7

108 13.0 9.4 14.0



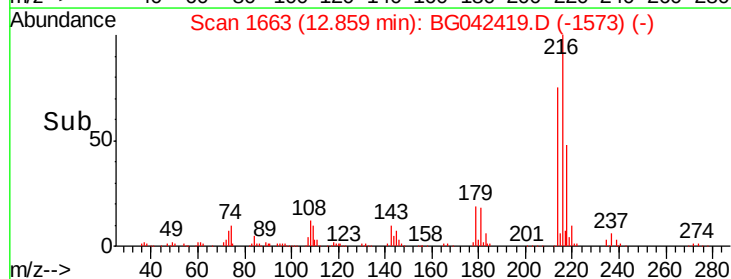
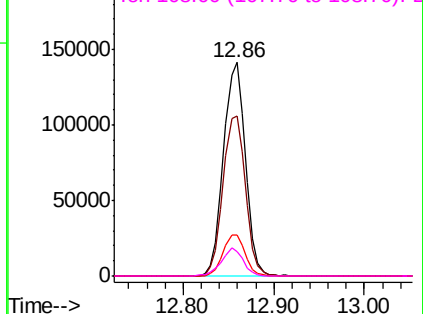
Abundance

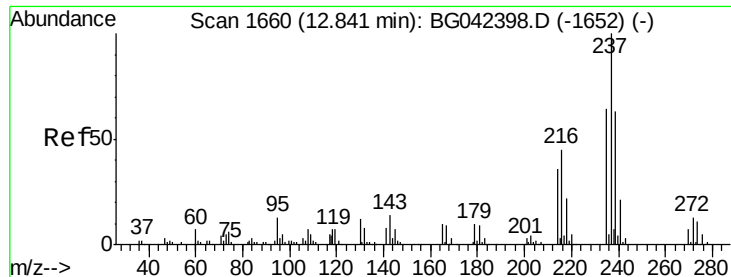
Ion 216.00 (215.70 to 216.70): E

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: 38.405 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Instrument :

BNA_G

ClientSampleId :

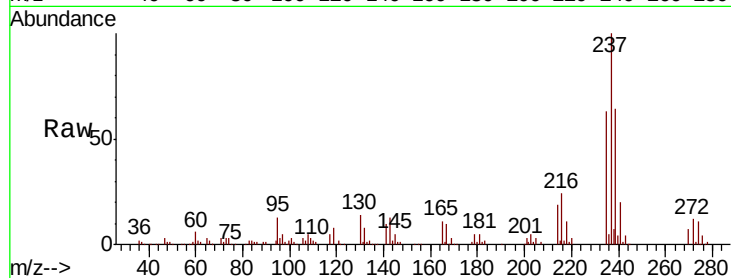
Tot Ion:237 Resp: 142319

Ion Ratio Lower Upper

237 100

235 63.0 43.7 83.7

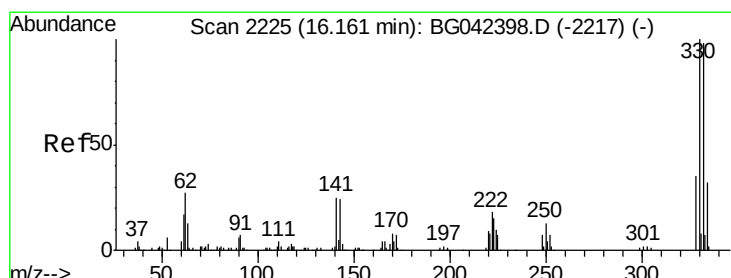
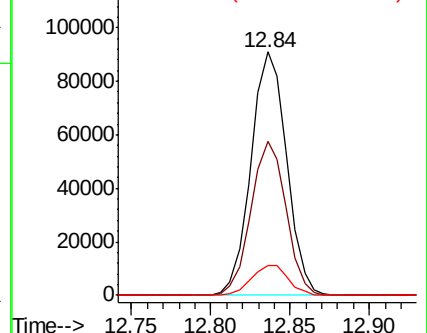
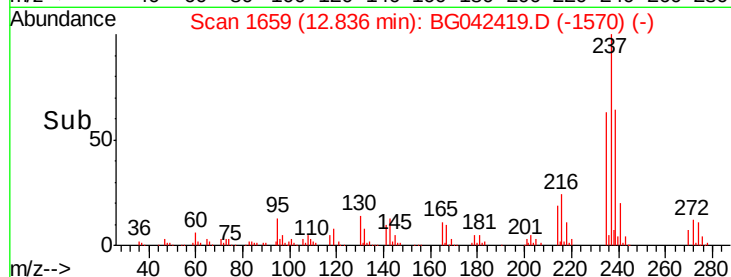
272 12.5 0.0 33.3



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: 108.462 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

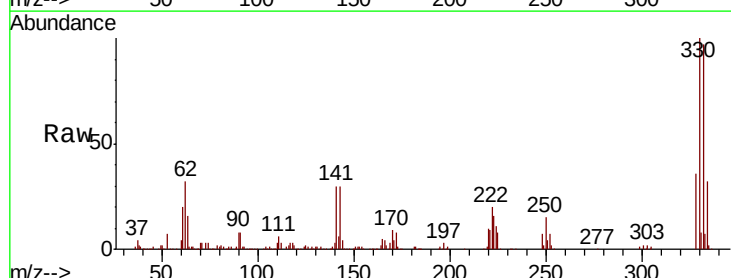
Tgt Ion:330 Resp: 338657

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

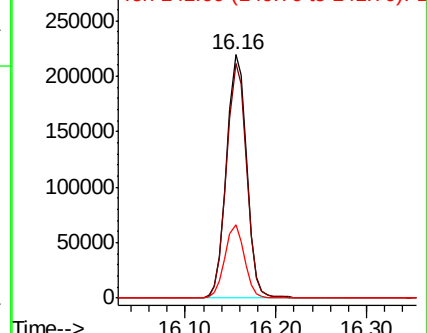
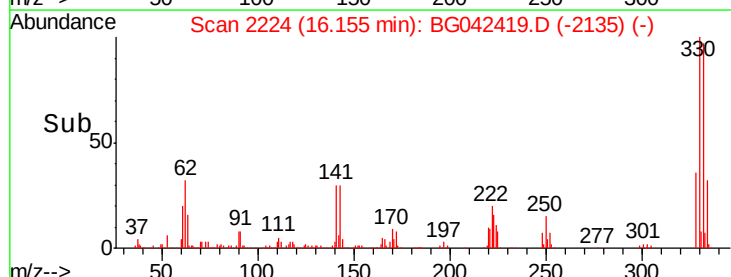
141 29.1 21.4 32.0

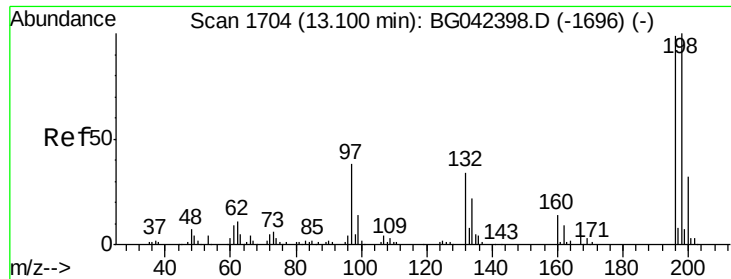


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

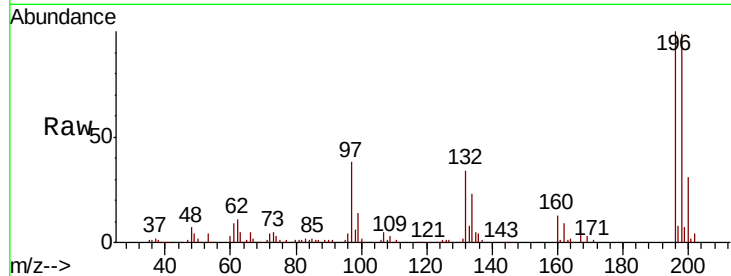




#43
 2,4,6-Trichlorophenol
 Concen: 34.247 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	163308
Ion Ratio	Lower	Upper	
196	100		
198	98.5	80.7	121.1
200	31.4	25.7	38.5

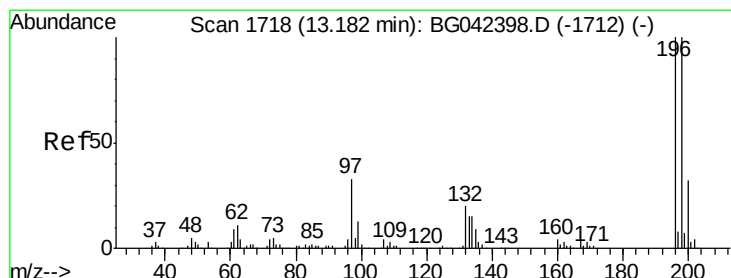
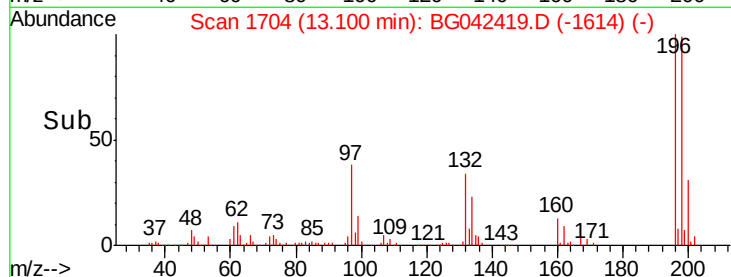
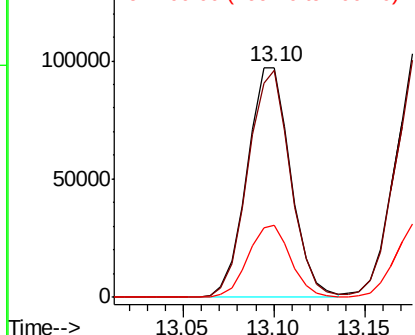


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 35.255 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

Tgt Ion	196	Resp	174213
Ion Ratio	Lower	Upper	
196	100		
198	97.5	80.2	120.4
97	35.1	26.3	39.5
132	23.5	16.6	24.8

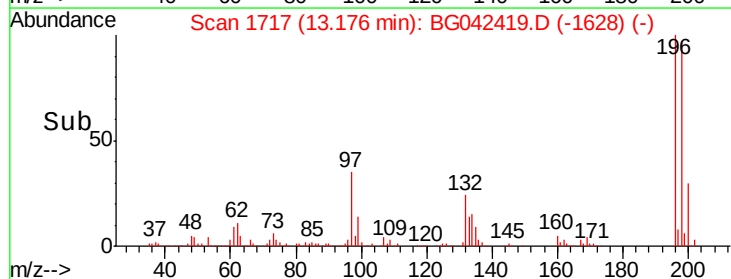
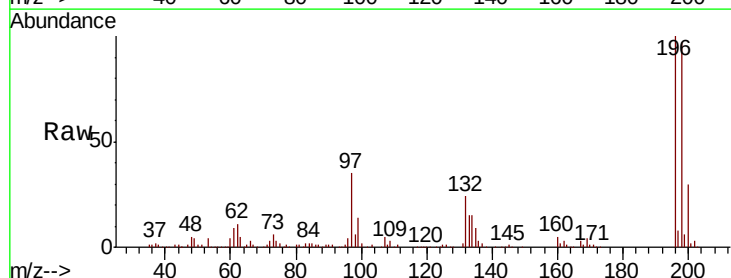
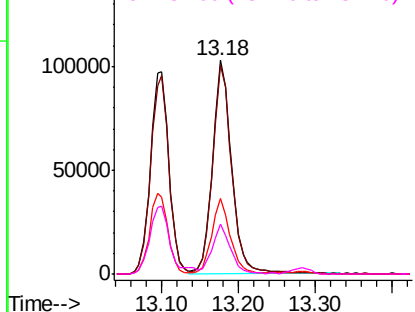
Abundance

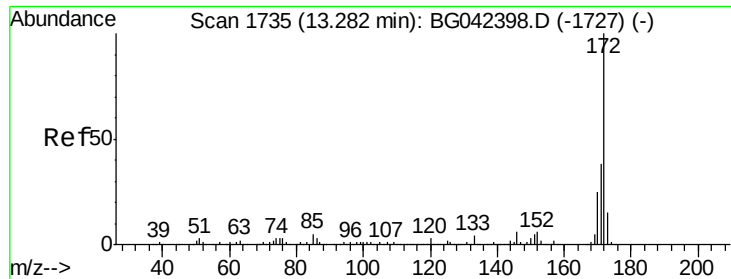
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

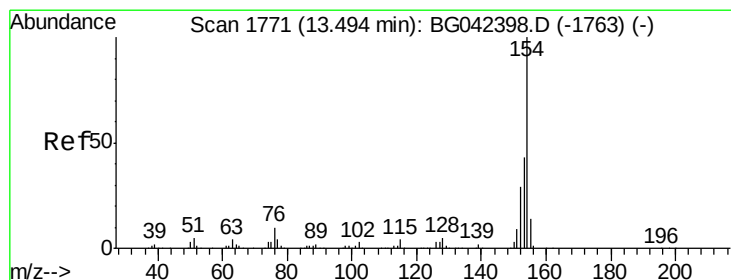
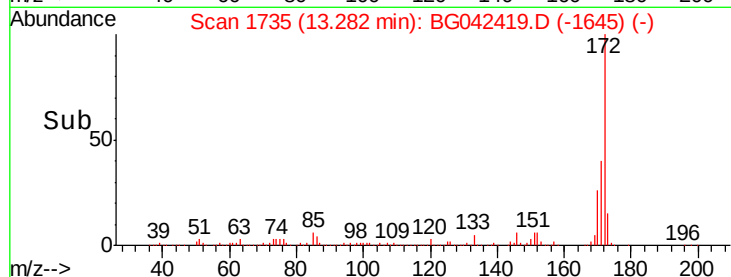
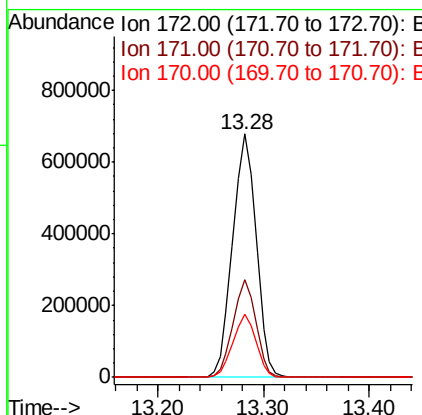
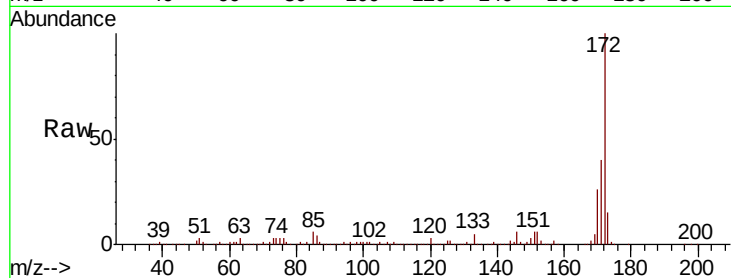




#45
2-Fluorobiphenyl
Concen: 80.539 ng
RT: 13.28 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

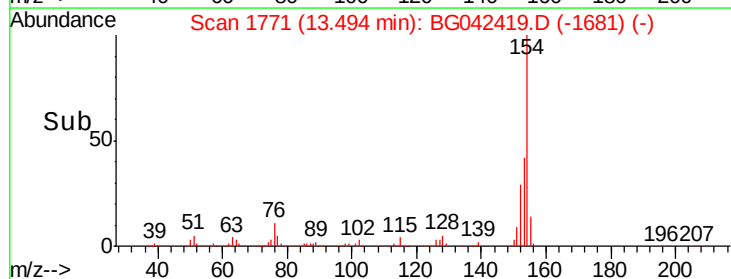
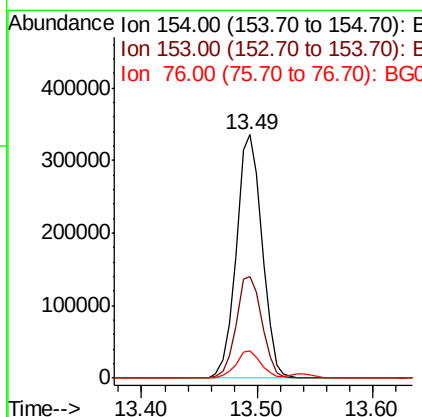
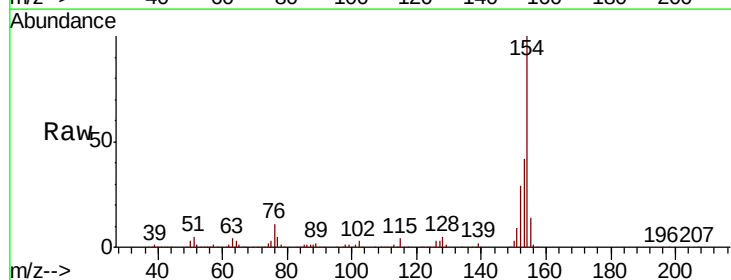
Instrument :
BNA_G
ClientSampleId :

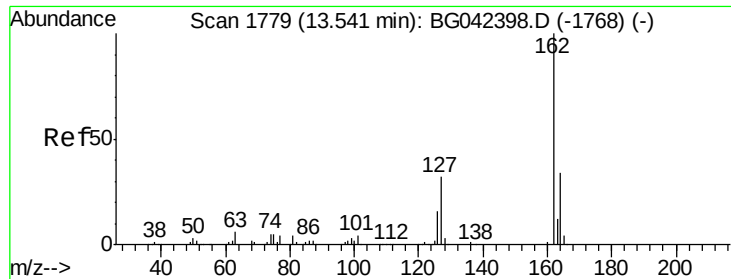
Tot Ion:172 Resp: 1046106
Ion Ratio Lower Upper
172 100
171 40.0 30.5 45.7
170 26.1 20.2 30.2



#46
1,1'-Biphenyl
Concen: 36.361 ng
RT: 13.49 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

Tgt Ion:154 Resp: 516338
Ion Ratio Lower Upper
154 100
153 41.9 23.0 63.0
76 11.1 0.0 29.6

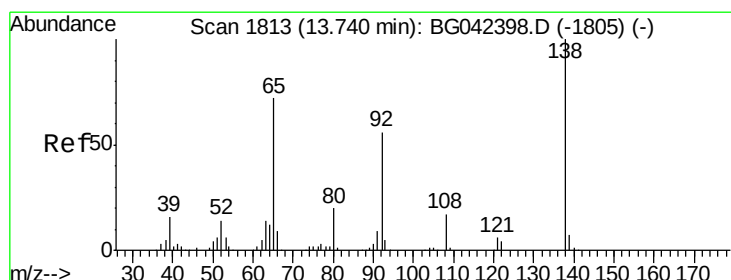
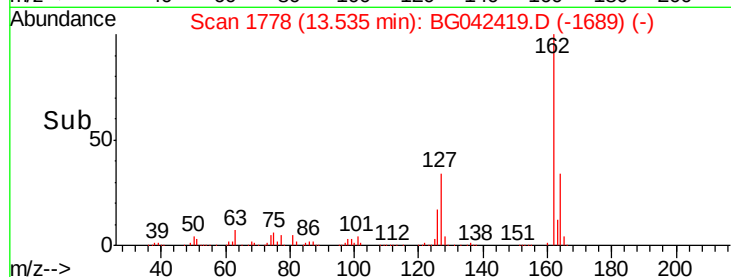
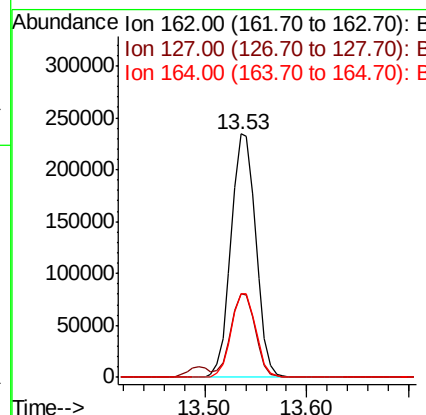
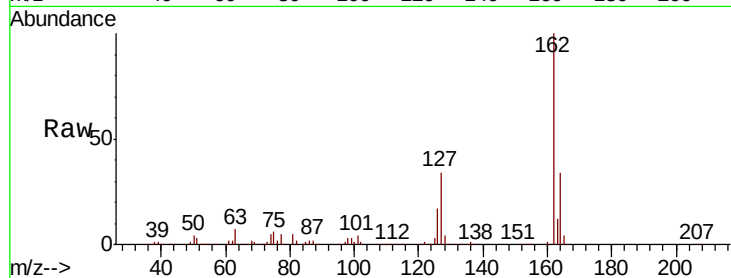




#47
 2-Chloronaphthalene
 Concen: 32.629 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

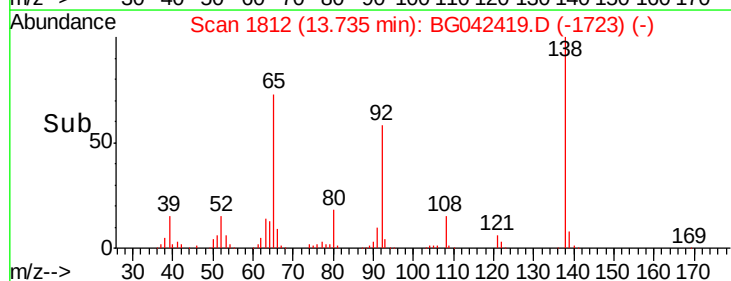
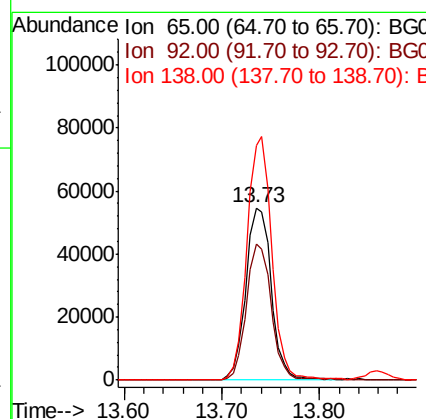
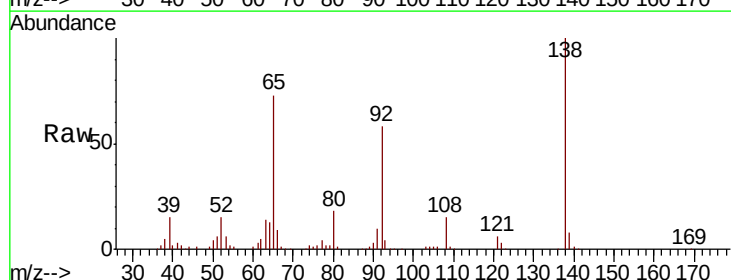
Instrument :
 BNA_G
 ClientSampleId :

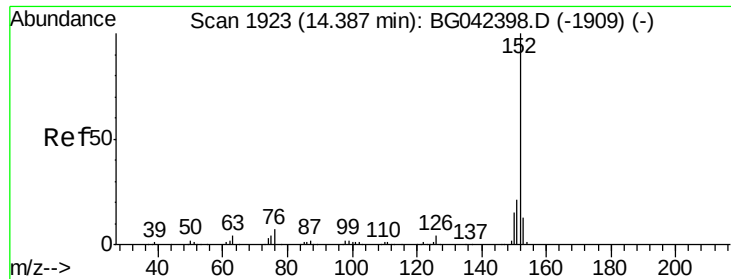
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.2	26.0	39.0
164	34.1	27.4	41.0



#48
 2-Nitroaniline
 Concen: 33.959 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	79.0	61.8	92.6
138	136.5	111.0	166.6





#49

Acenaphthylene

Concen: 38.361 ng

RT: 14.39 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Instrument :

BNA_G

ClientSampleId :

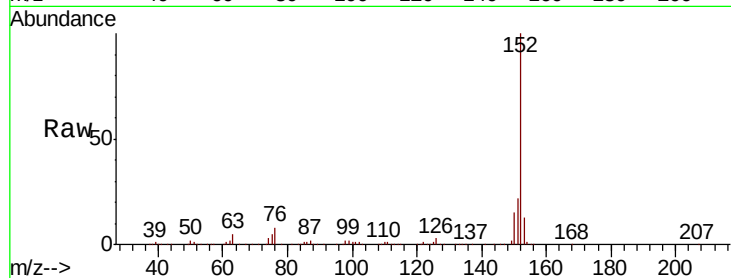
Tot Ion:152 Resp: 706656

Ion Ratio Lower Upper

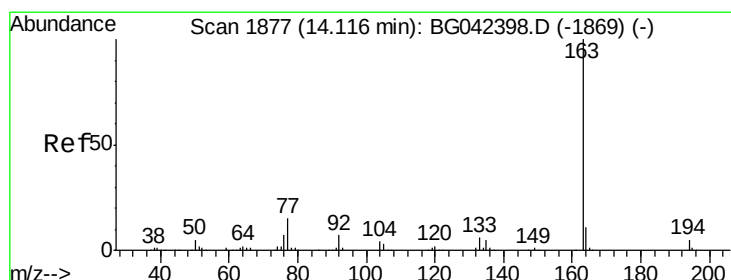
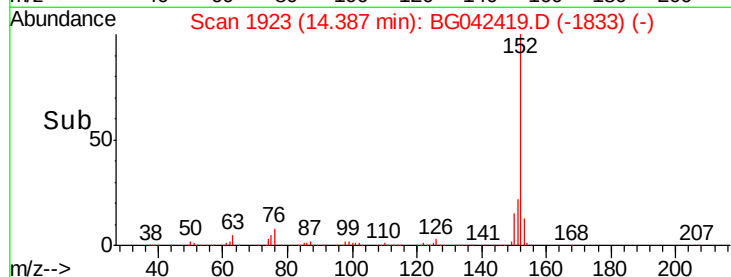
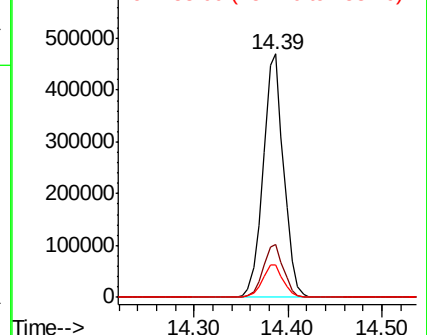
152 100

151 21.9 17.0 25.4

153 13.3 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.917 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

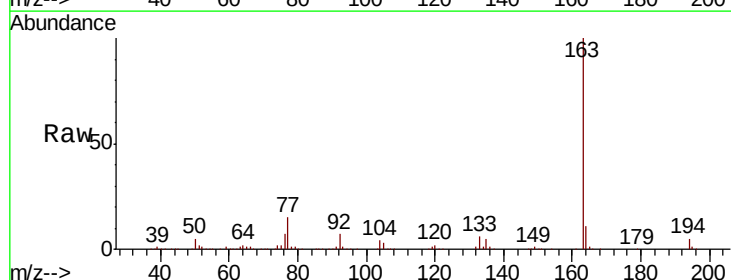
Tgt Ion:163 Resp: 680262

Ion Ratio Lower Upper

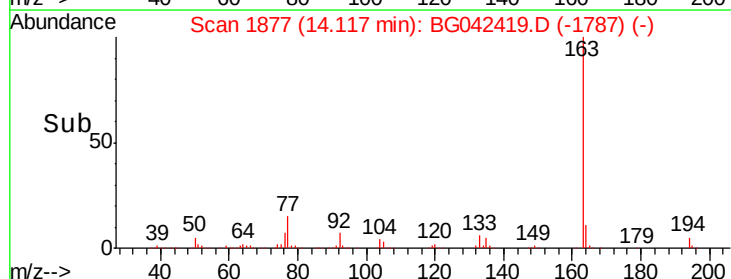
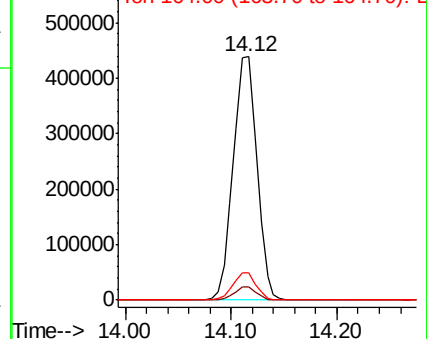
163 100

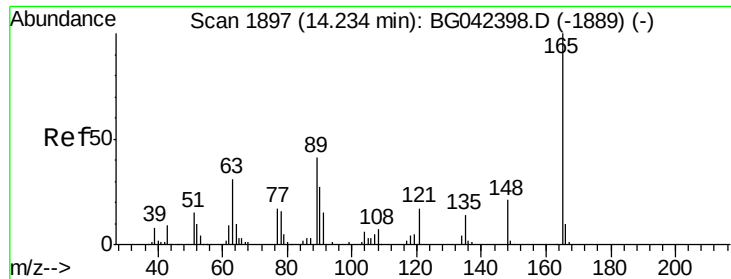
194 5.3 4.2 6.2

164 11.0 8.8 13.2



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

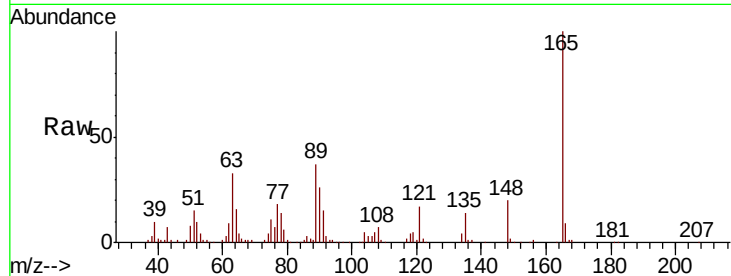




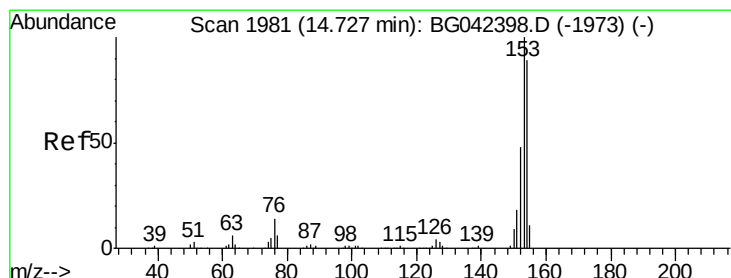
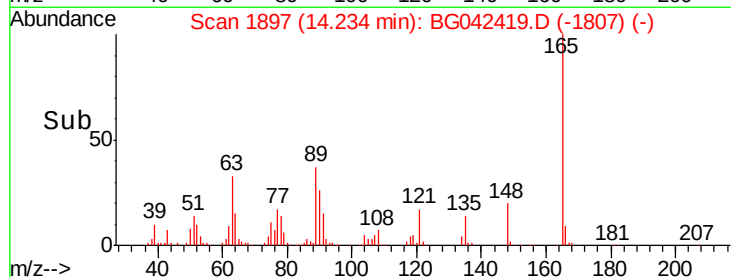
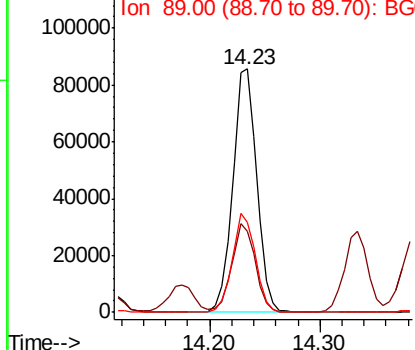
#51
 2,6-Dinitrotoluene
 Concen: 35.554 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	33.3	30.6	45.8
89	37.1	32.6	49.0

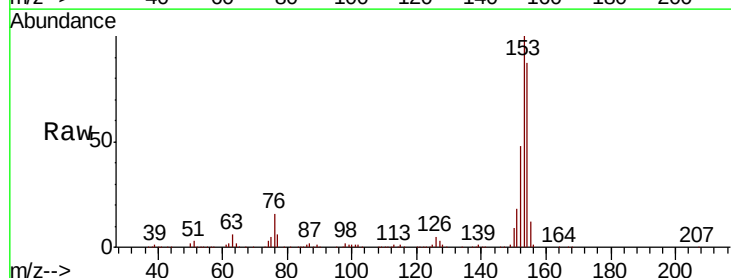


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

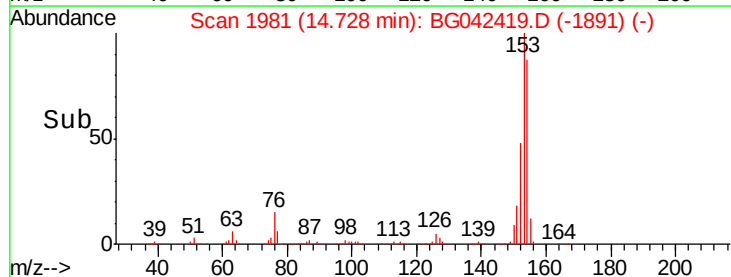
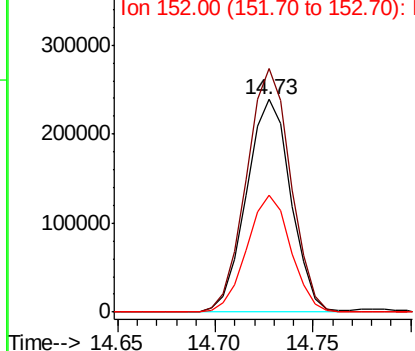


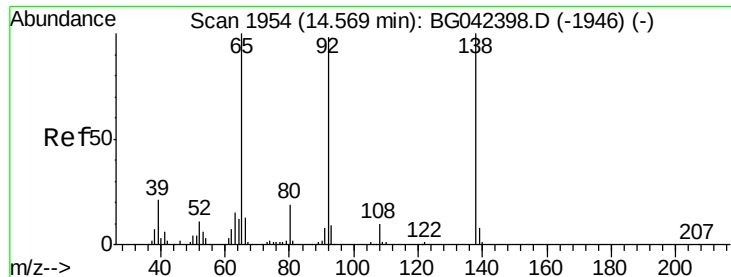
#52
 Acenaphthene
 Concen: 33.674 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.6	90.2	135.4
152	54.9	43.2	64.8



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

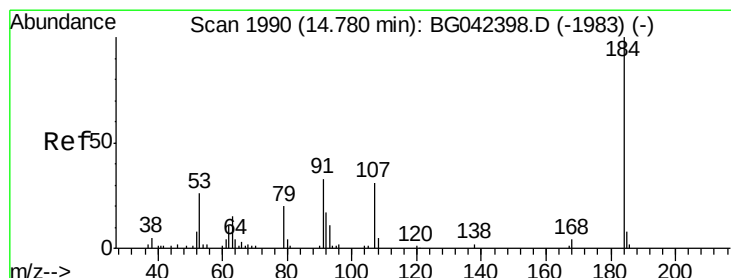
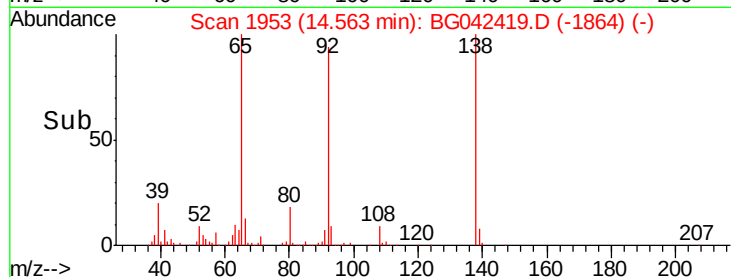
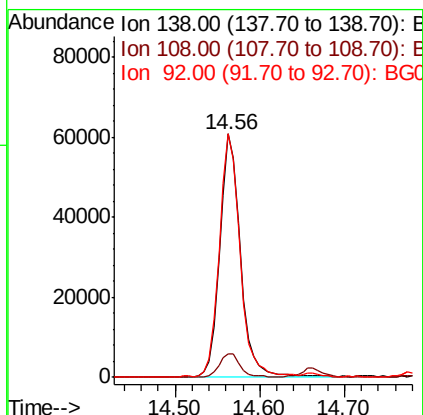
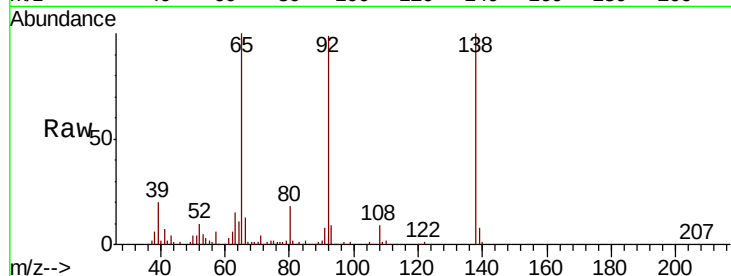




#53
 3-Nitroaniline
 Concen: 28.430 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

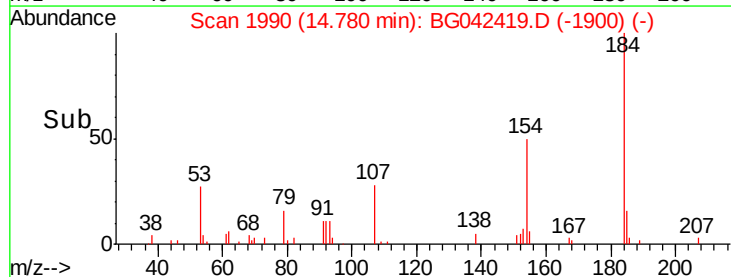
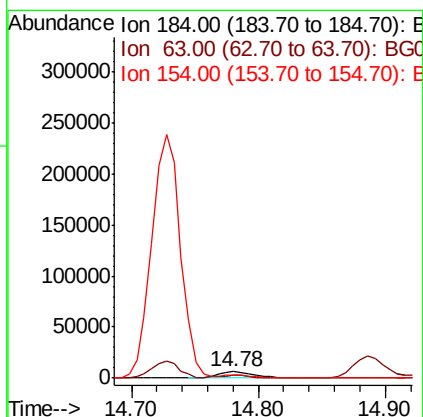
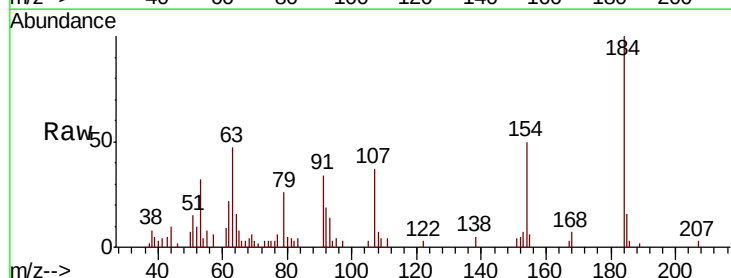
Instrument :
 BNA_G
 ClientSampleId :

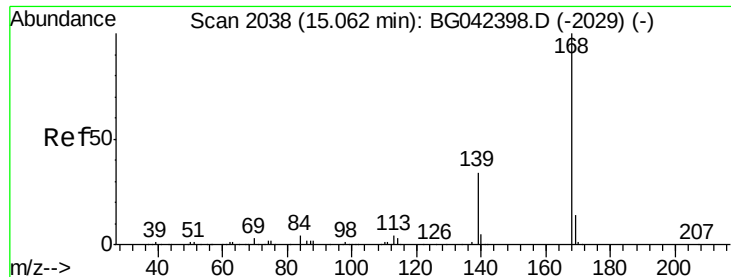
Tot Ion:138 Resp: 104464
 Ion Ratio Lower Upper
 138 100
 108 9.4 8.3 12.5
 92 99.8 78.2 117.4



#54
 2,4-Dinitrophenol
 Concen: 11.233 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

Tgt Ion:184 Resp: 13360
 Ion Ratio Lower Upper
 184 100
 63 47.2 31.7 47.5
 154 49.9 42.0 63.0





#55

Dibenzofuran

Concen: 34.188 ng

RT: 15.06 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Instrument :

BNA_G

ClientSampleId :

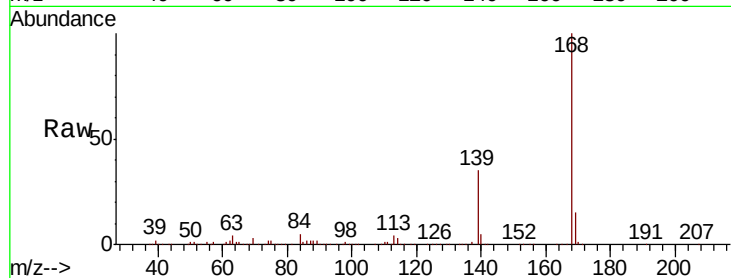
Tot Ion:168 Resp: 633003

Ion Ratio Lower Upper

168 100

139 35.3 27.2 40.8

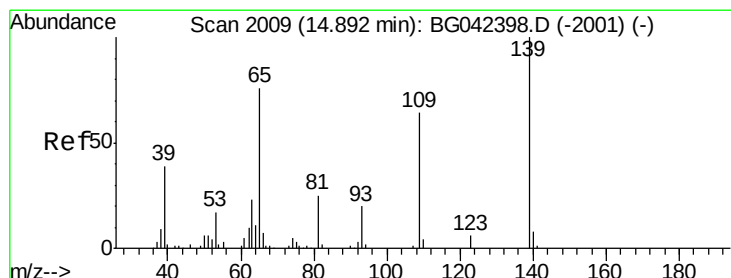
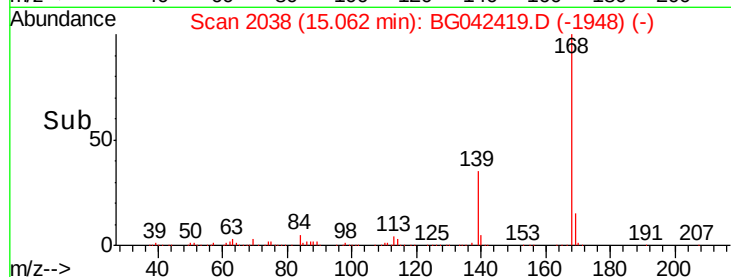
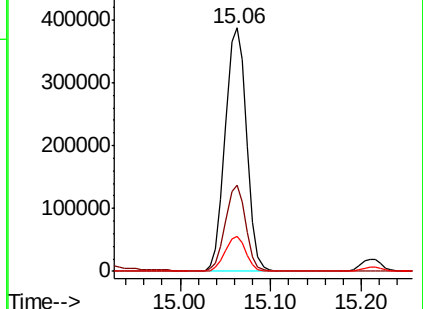
169 14.5 11.5 17.3



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: 77.075 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

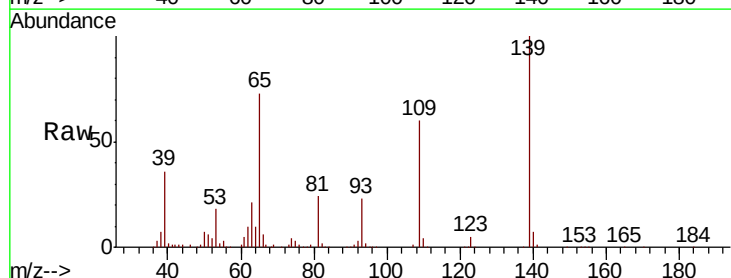
Tgt Ion:139 Resp: 201238

Ion Ratio Lower Upper

139 100

109 59.9 43.9 83.9

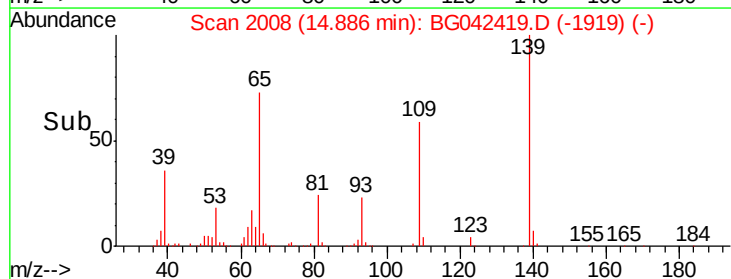
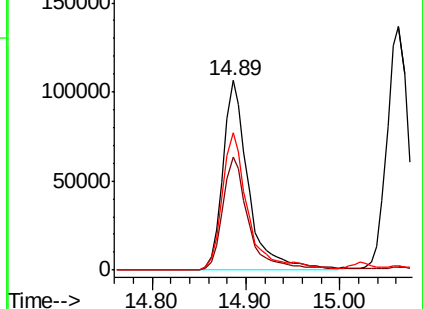
65 72.6 56.3 96.3

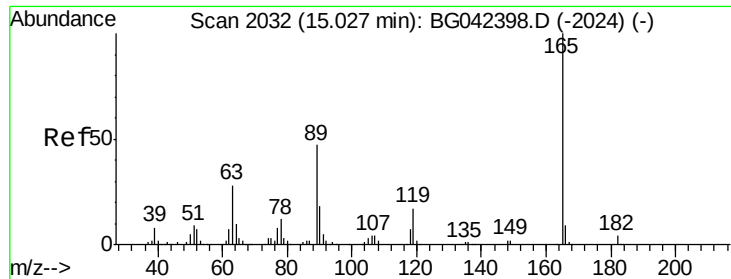


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

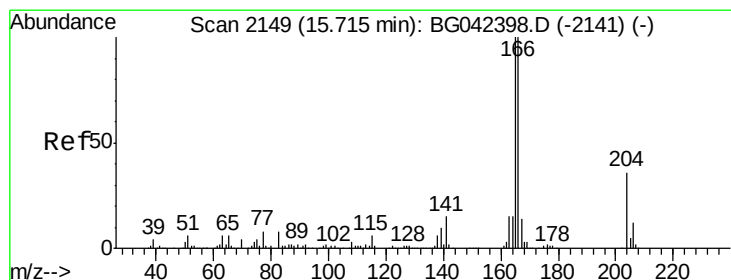
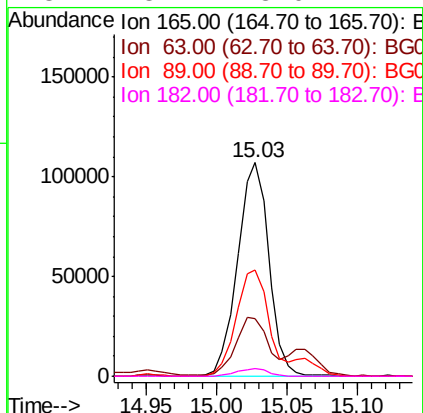
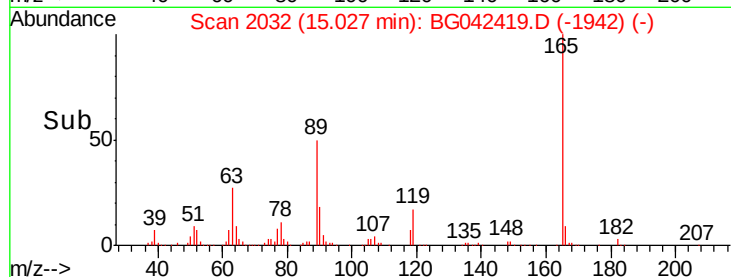
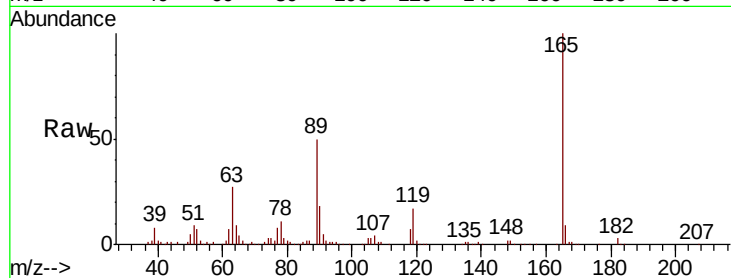




#57
2,4-Dinitrotoluene
Concen: 31.575 ng
RT: 15.03 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

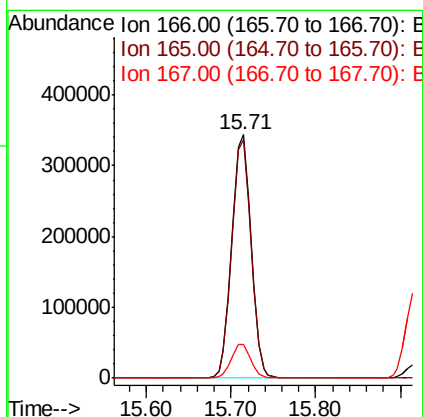
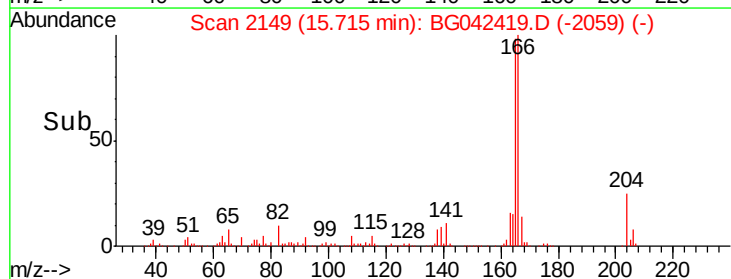
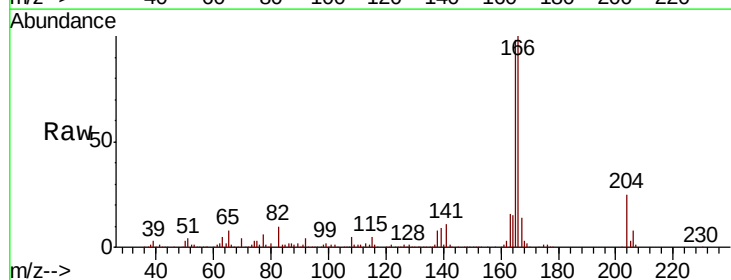
Instrument :
BNA_G
ClientSampleId :

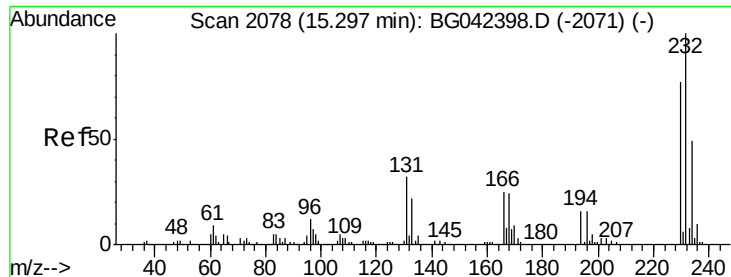
Tot Ion	Ratio	Lower	Upper
165	100		
63	27.3	22.5	33.7
89	49.7	37.8	56.6
182	3.4	3.0	4.4



#58
Fluorene
Concen: 35.434 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.7	119.5
167	13.8	10.9	16.3

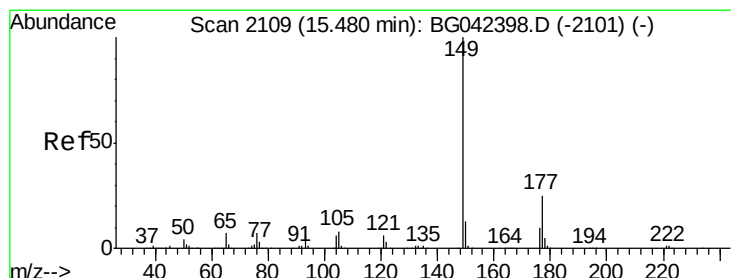
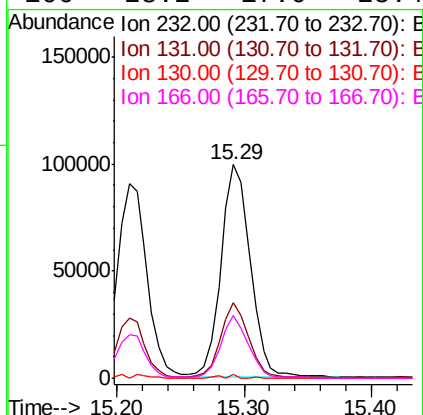
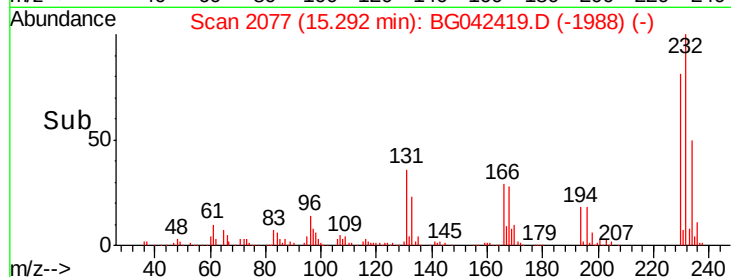
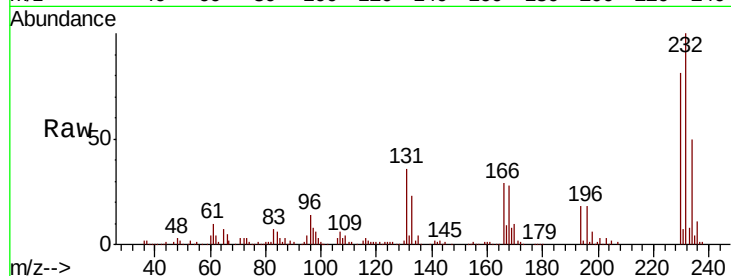




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.565 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

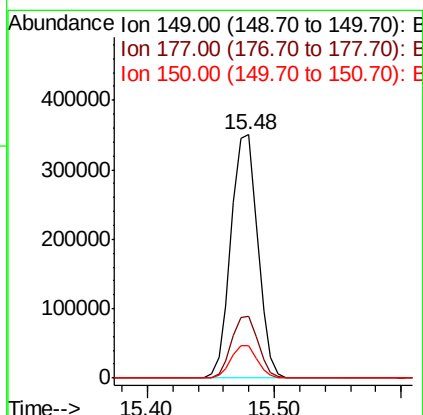
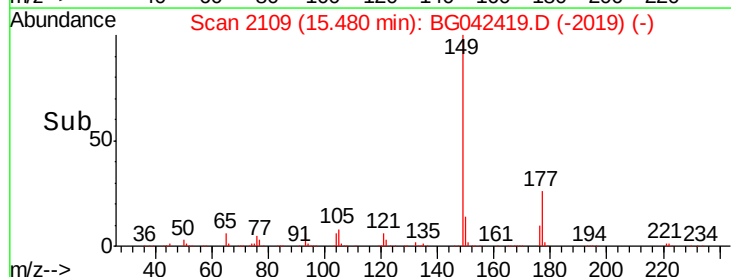
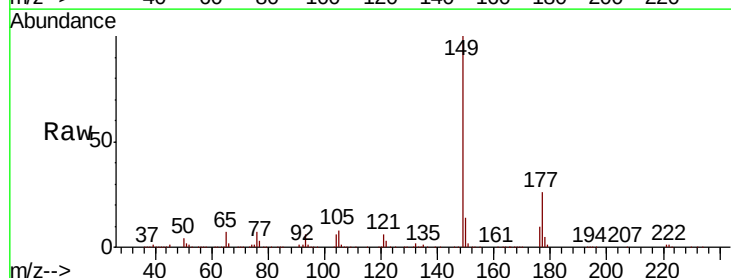
Instrument :
 BNA_G
 ClientSampled :

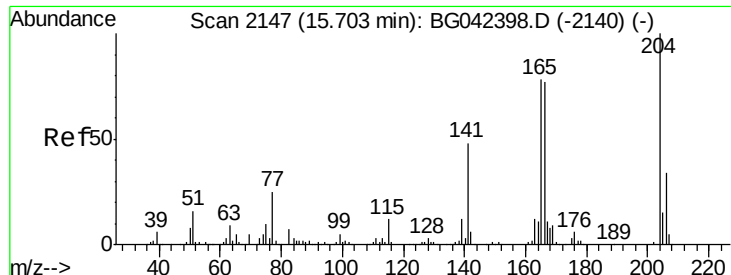
Tot Ion:232	Resp:	159137
Ion Ratio	Lower	Upper
232	100	
131	34.3	22.9 34.3
130	0.5	1.4 2.0#
166	28.2	17.0 25.4#



#60
 Diethylphthalate
 Concen: 32.930 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

Tgt Ion:149	Resp:	510236
Ion Ratio	Lower	Upper
149	100	
177	25.6	20.4 30.6
150	13.5	10.3 15.5

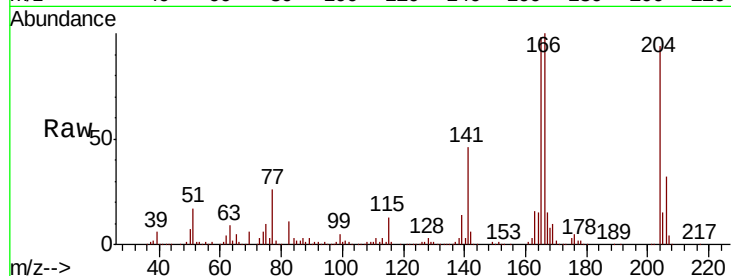




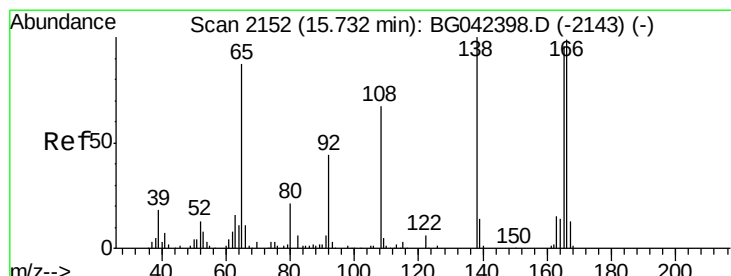
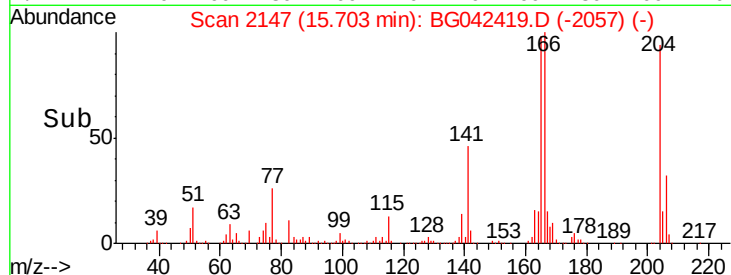
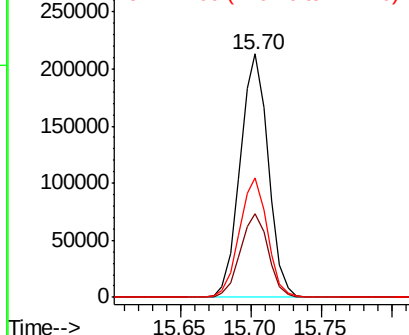
#61
 4-Chlorophenyl-phenylether
 Concen: 32.526 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 296757
 Ion Ratio Lower Upper
 204 100
 206 34.2 27.2 40.8
 141 48.9 38.7 58.1

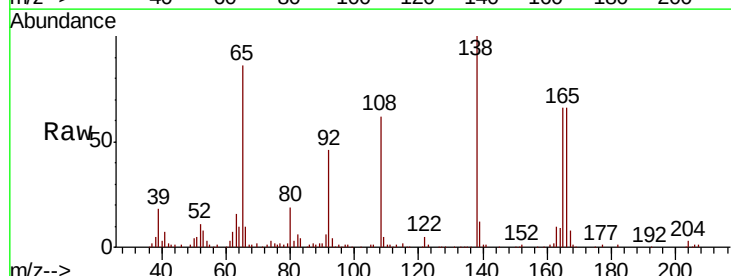


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

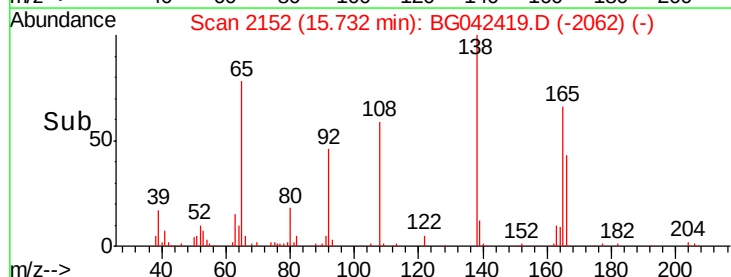
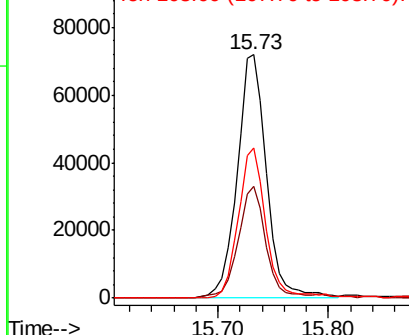


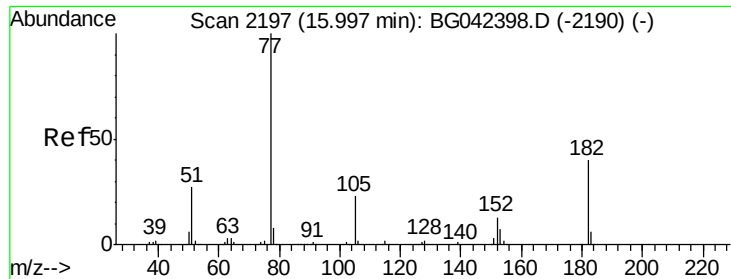
#62
 4-Nitroaniline
 Concen: 34.153 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

Tgt Ion:138 Resp: 134309
 Ion Ratio Lower Upper
 138 100
 92 46.2 24.2 64.2
 108 61.8 46.8 86.8



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: 34.964 ng

RT: 16.00 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 371228

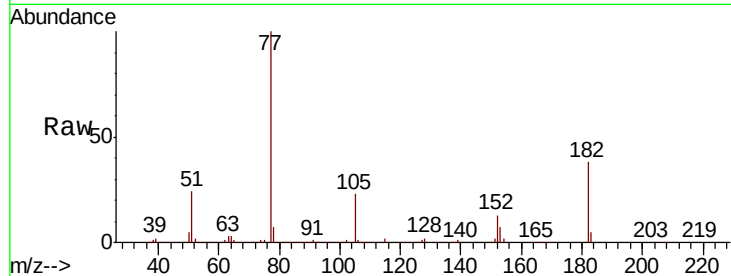
Ion Ratio Lower Upper

77 100

182 38.1 19.9 59.9

105 23.0 2.9 42.9

51 24.1 7.6 47.6

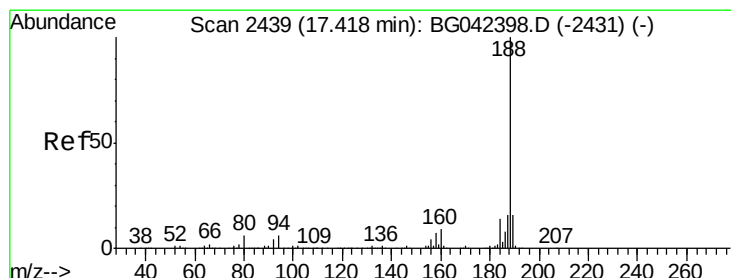
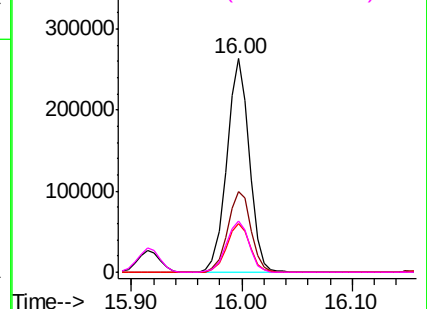
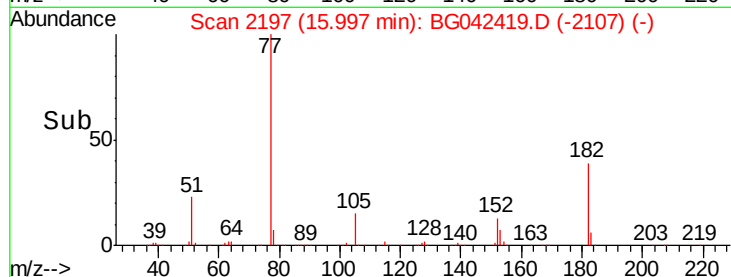


Abundance Ion 77.00 (76.70 to 77.70): BGC

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. -0.01 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

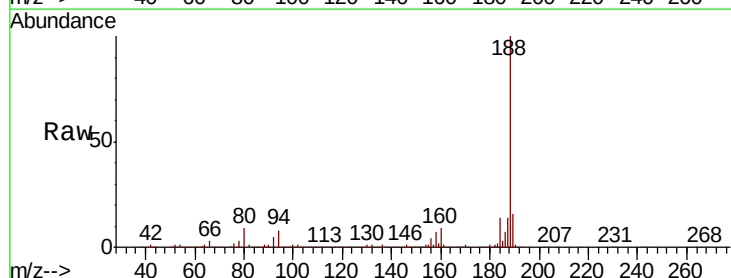
Tgt Ion: 188 Resp: 478712

Ion Ratio Lower Upper

188 100

94 7.9 4.5 6.7#

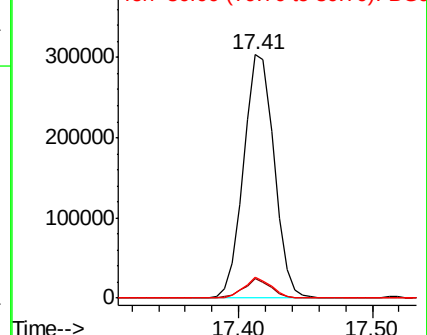
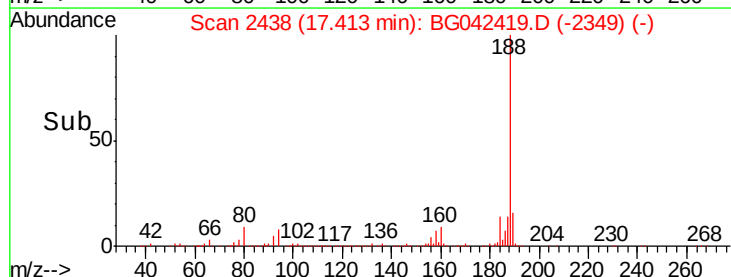
80 8.7 4.9 7.3#

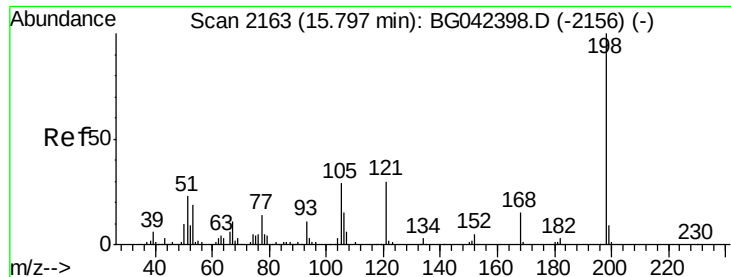


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 10.385 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

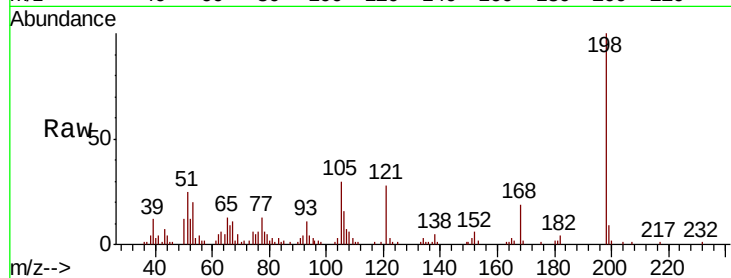
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 31170

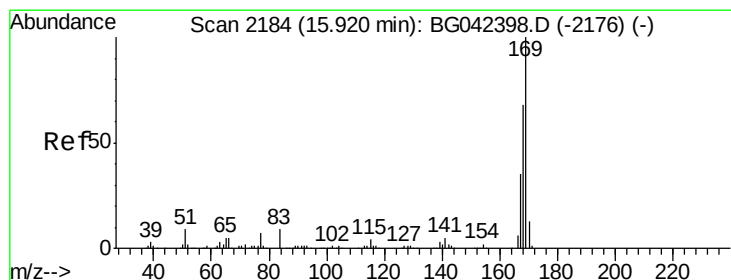
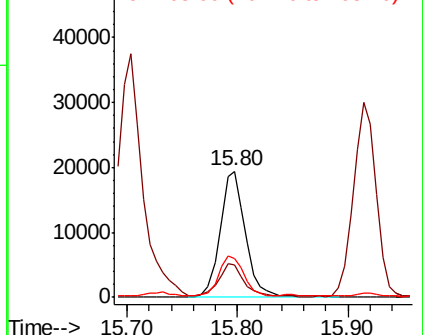
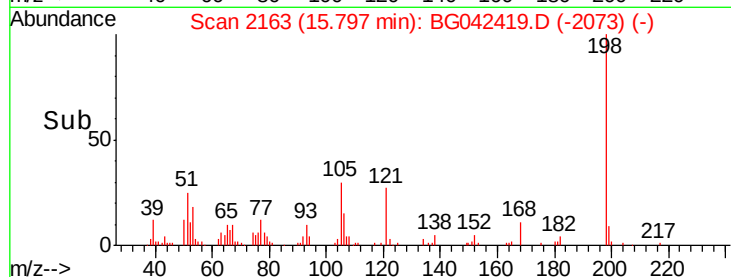
Ion	Ratio	Lower	Upper
198	100		
51	25.4	4.2	44.2
105	30.3	8.8	48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG042398.D (-2156) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.678 ng

RT: 15.91 min Scan# 2183

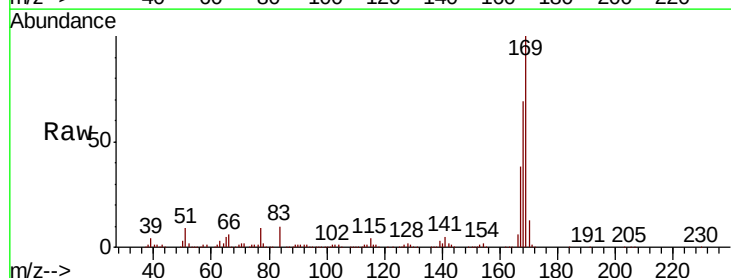
Delta R.T. -0.01 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Tgt Ion:169 Resp: 482858

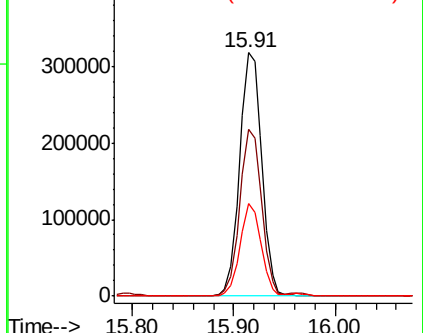
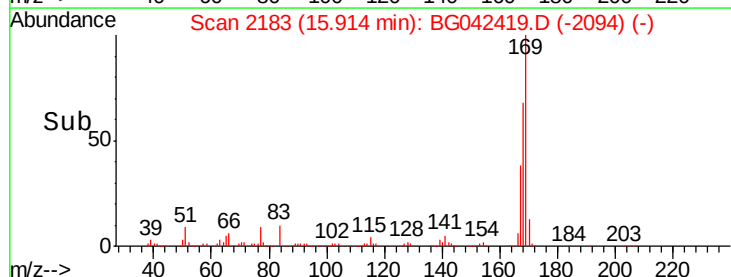
Ion	Ratio	Lower	Upper
169	100		
168	68.5	54.3	81.5
167	37.8	28.2	42.2

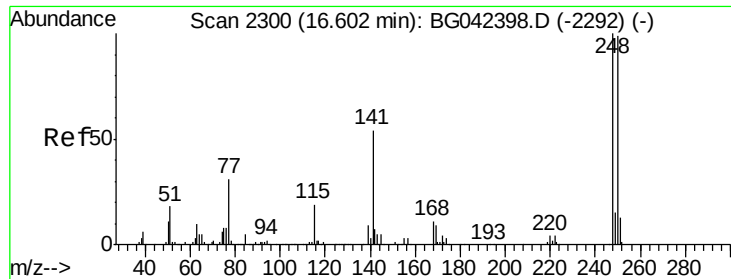


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

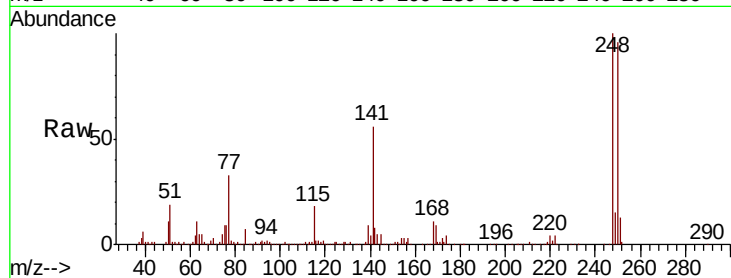




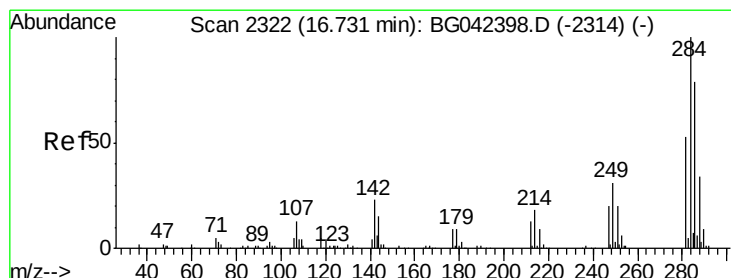
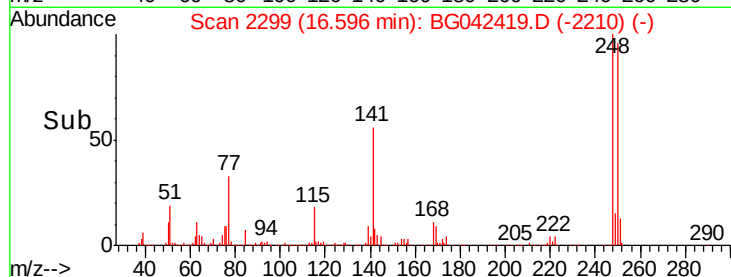
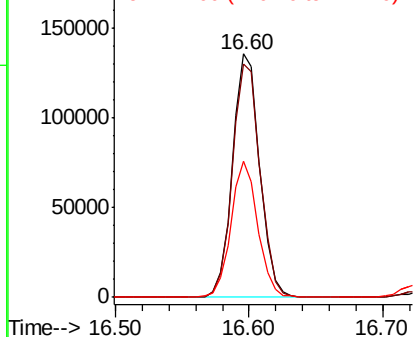
#67
4-Bromophenyl-phenylether
Concen: 31.659 ng
RT: 16.60 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 192237
Ion Ratio Lower Upper
248 100
250 95.8 78.9 118.3
141 55.8 43.3 64.9

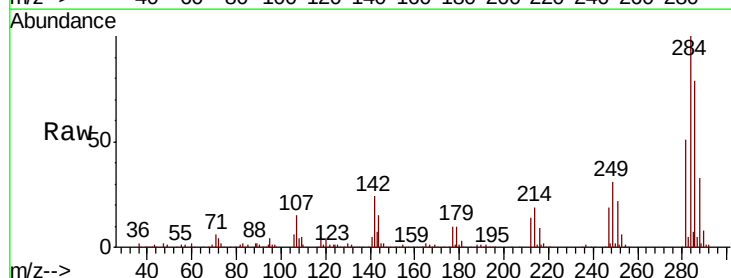


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

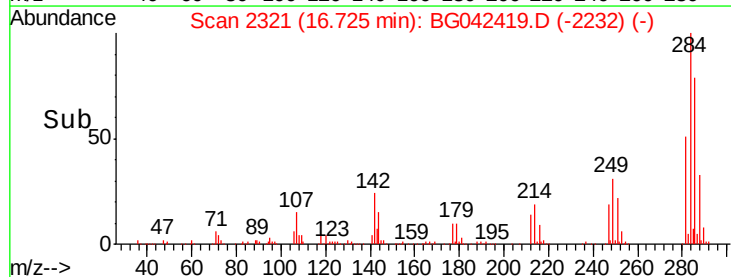
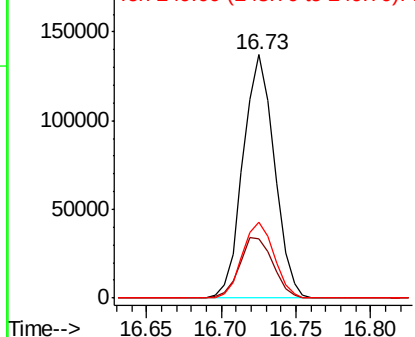


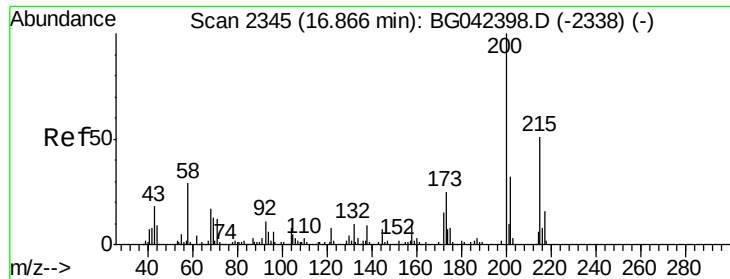
#68
Hexachlorobenzene
Concen: 30.261 ng
RT: 16.73 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

Tgt Ion:284 Resp: 199752
Ion Ratio Lower Upper
284 100
142 24.2 18.2 27.4
249 31.4 25.0 37.4



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: 35.041 ng

RT: 16.87 min Scan# 2345

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Instrument :

BNA_G

ClientSampled :

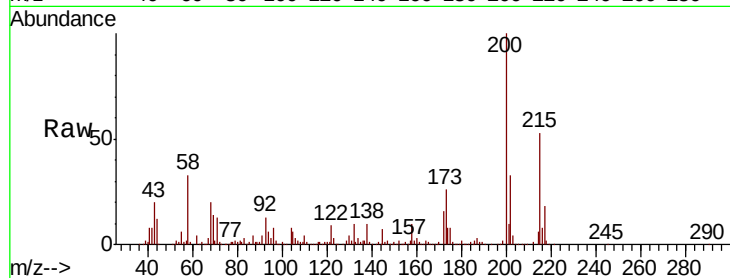
Tot Ion:200 Resp: 163136

Ion Ratio Lower Upper

200 100

173 25.7 4.9 44.9

215 53.2 30.7 70.7

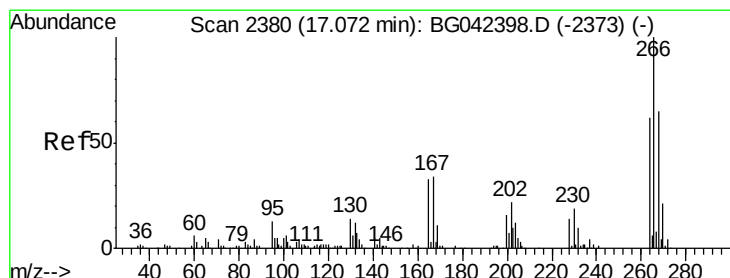
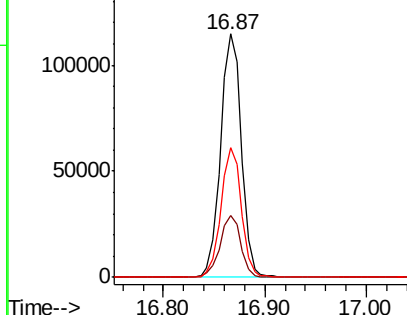
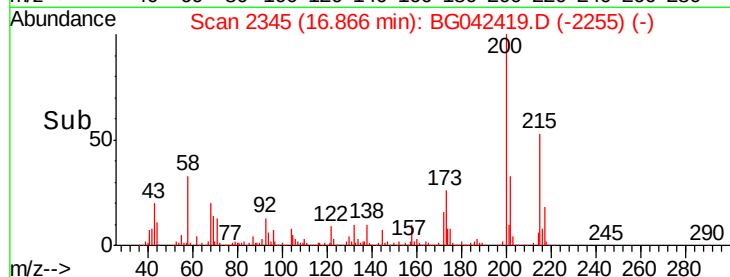


Abundance

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: 61.517 ng

RT: 17.07 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

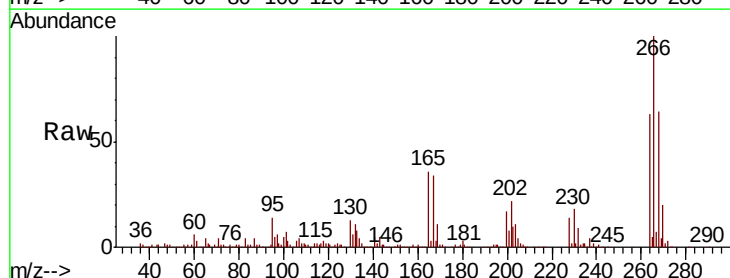
Tgt Ion:266 Resp: 210984

Ion Ratio Lower Upper

266 100

268 63.9 52.1 78.1

264 63.4 49.4 74.2

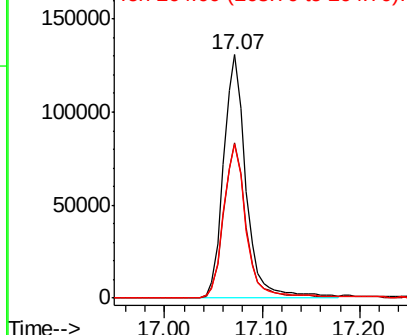
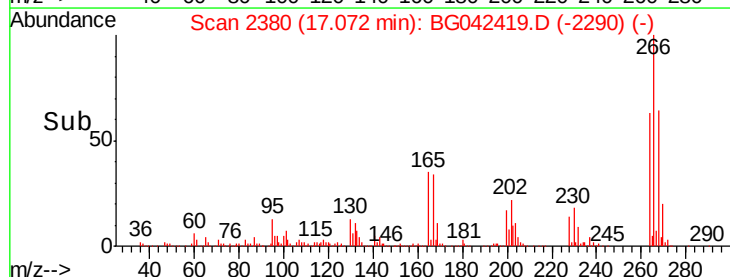


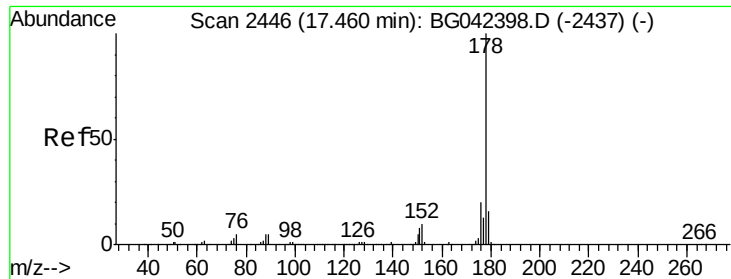
Abundance

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

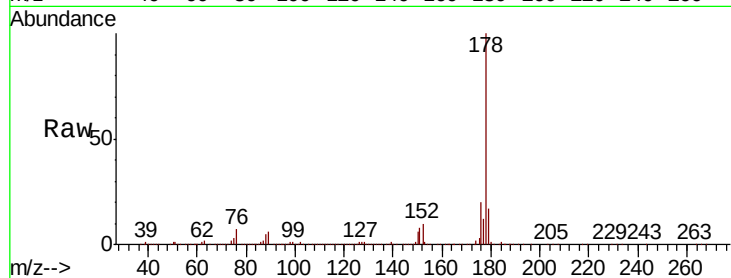




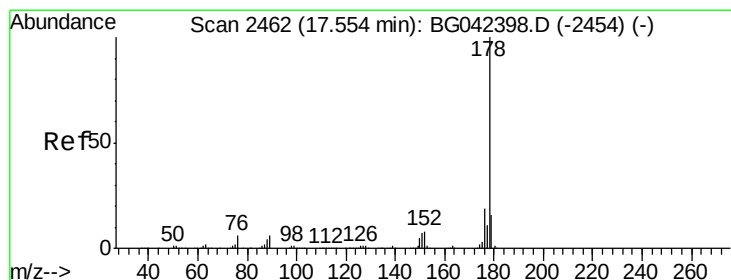
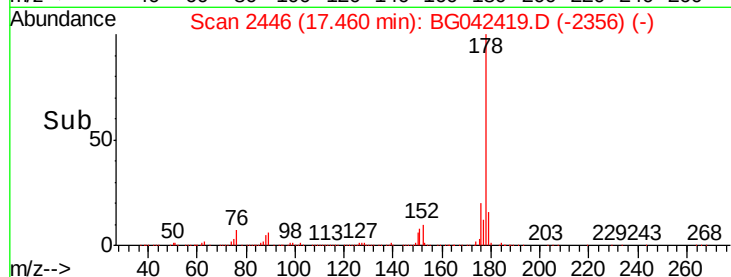
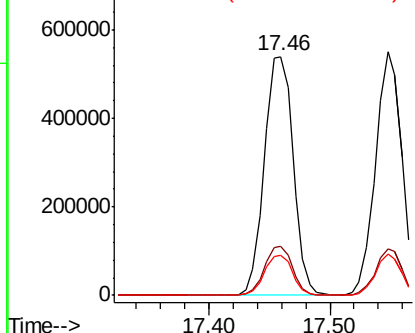
#71
Phenanthrene
Concen: 37.472 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.9	23.9
179	16.6	12.7	19.1

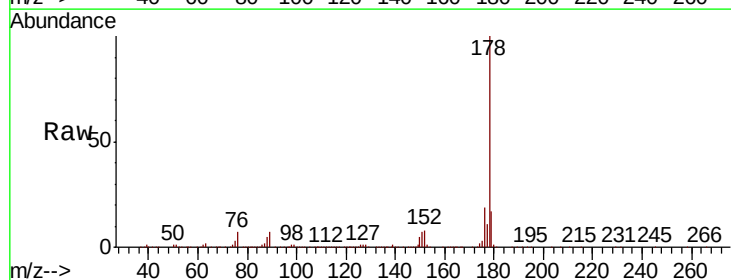


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

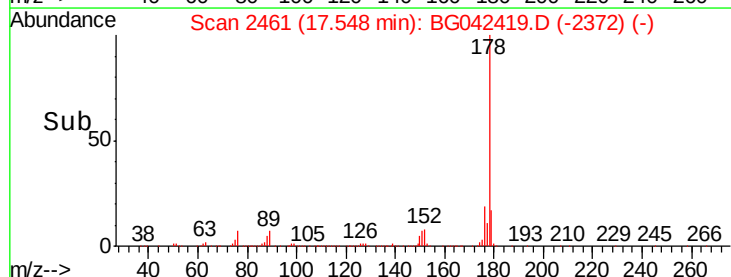
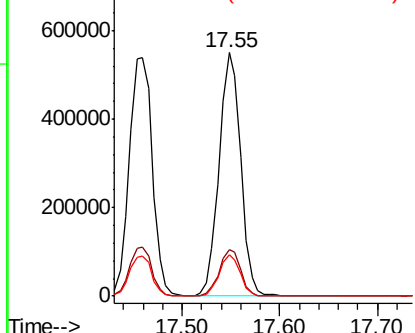


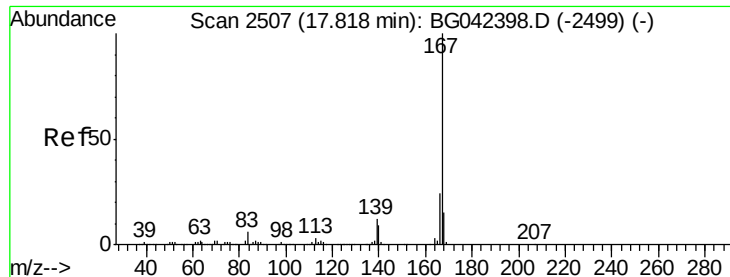
#72
Anthracene
Concen: 35.528 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	16.9	12.9	19.3



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

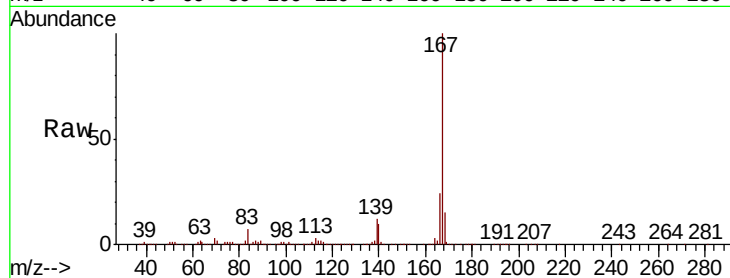




#73
 Carbazole
 Concen: 34.301 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	18.9	28.3
139	12.4	9.8	14.6

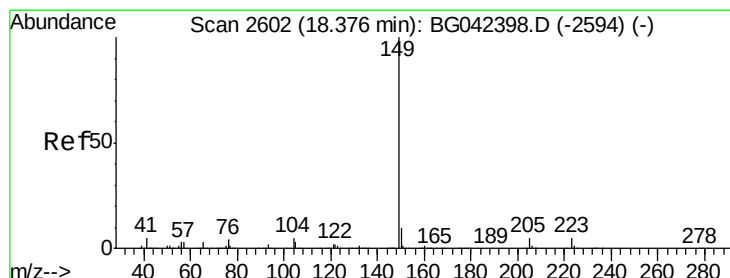
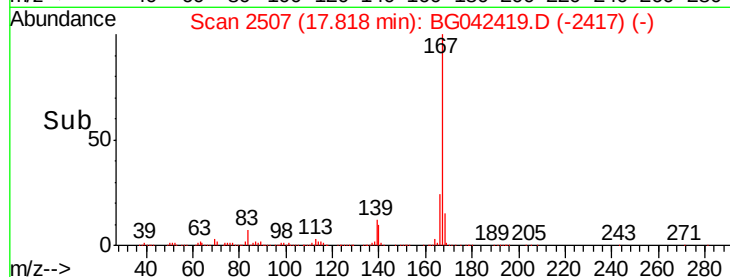
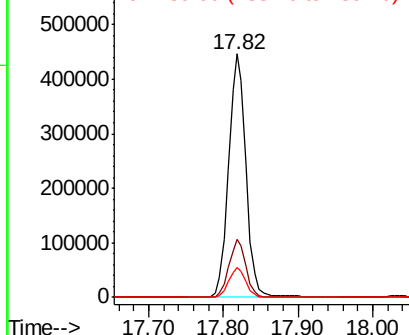


Abundance

Ion 167.00 (166.70 to 167.70): E

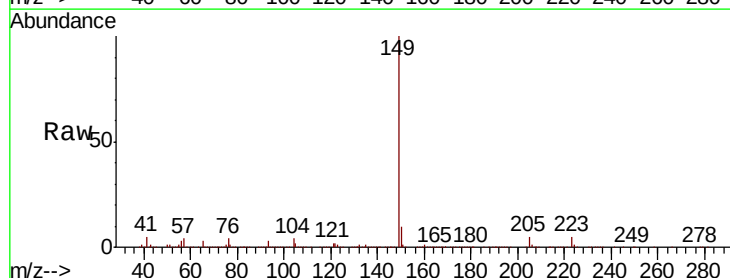
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 32.157 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: BG042419.D
 Acq: 23 Aug 2019 2:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.1	12.1
104	4.4	3.7	5.5

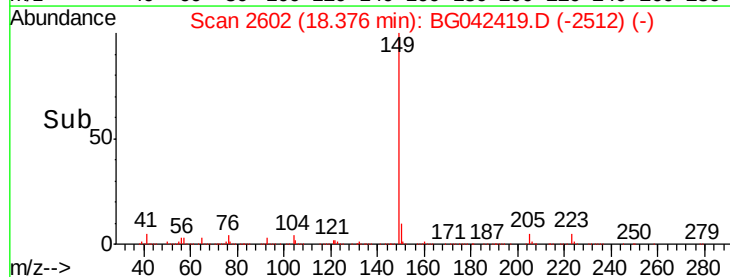
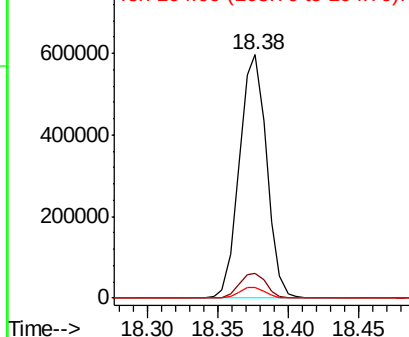


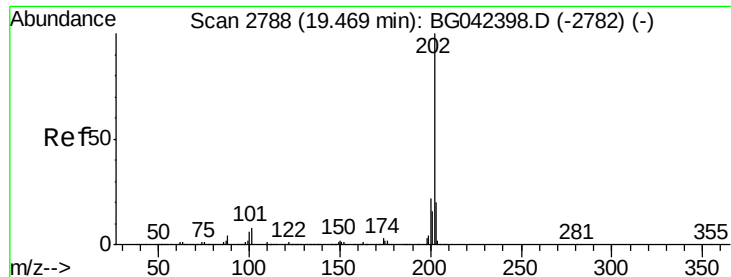
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 35.572 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Instrument :

BNA_G

ClientSampleId :

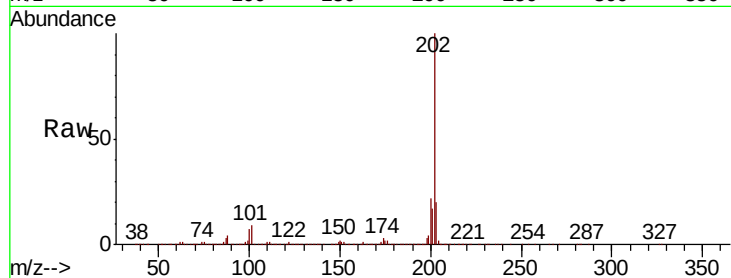
Tot Ion:202 Resp: 1032301

Ion Ratio Lower Upper

202 100

101 8.9 0.0 28.3

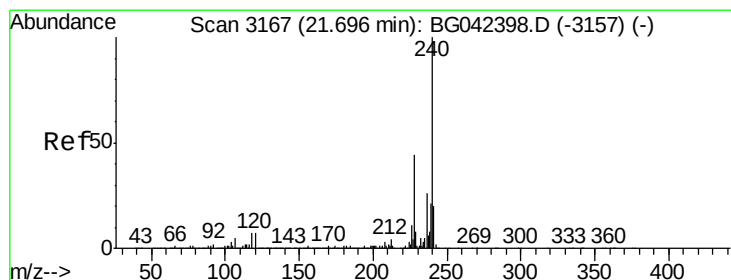
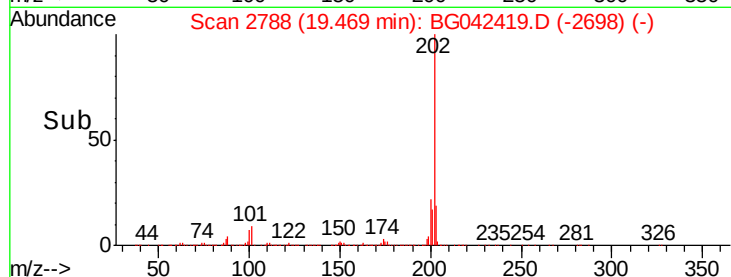
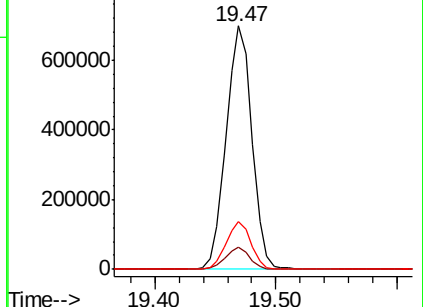
203 19.5 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

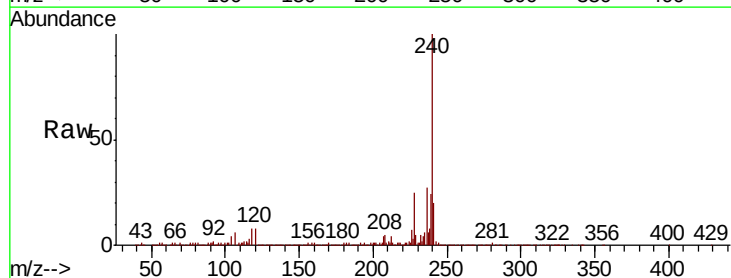
Tgt Ion:240 Resp: 459487

Ion Ratio Lower Upper

240 100

120 8.0 5.7 8.5

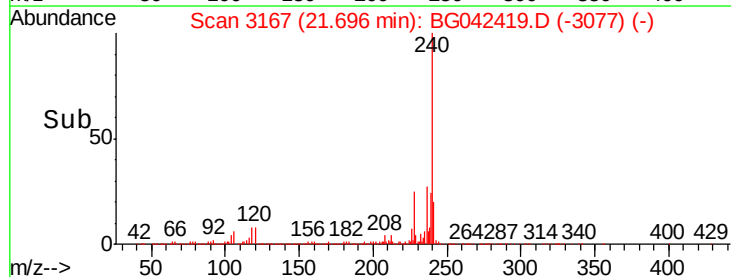
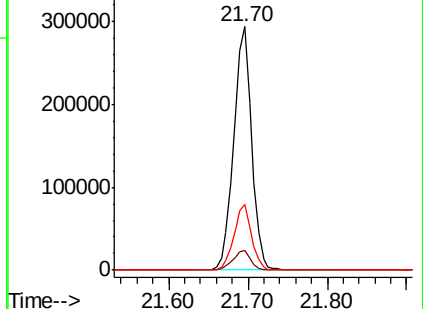
236 27.1 21.0 31.4

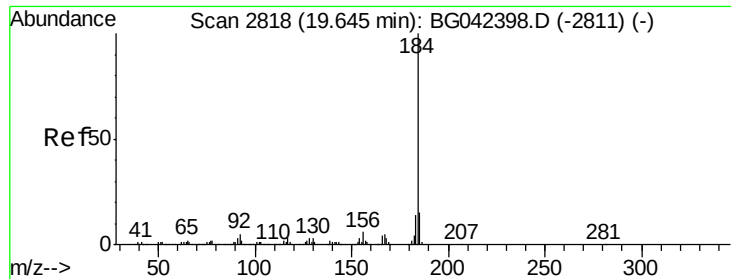


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.222 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Instrument :

BNA_G

ClientSampleId :

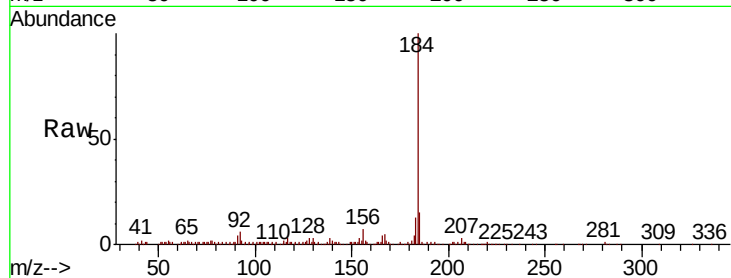
Tot Ion:184 Resp: 134656

Ion Ratio Lower Upper

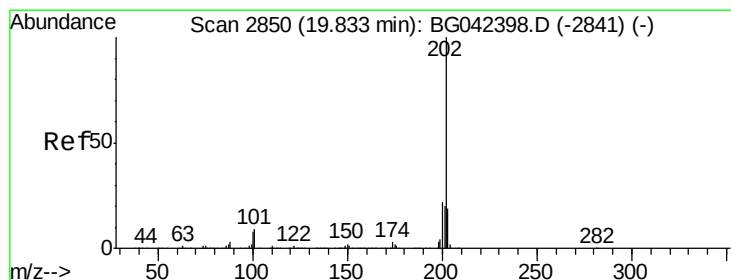
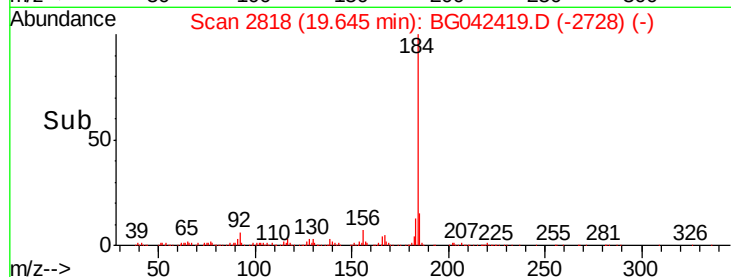
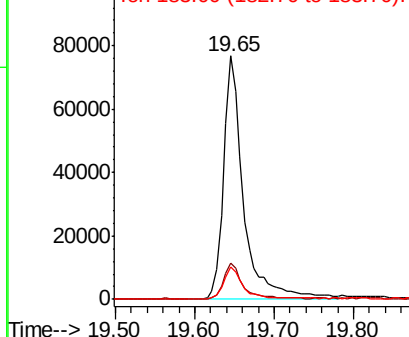
184 100

185 15.0 12.2 18.4

183 13.2 10.8 16.2



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: 37.238 ng

RT: 19.83 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

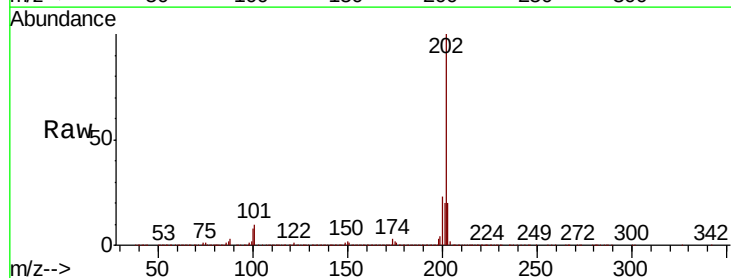
Tgt Ion:202 Resp: 1049028

Ion Ratio Lower Upper

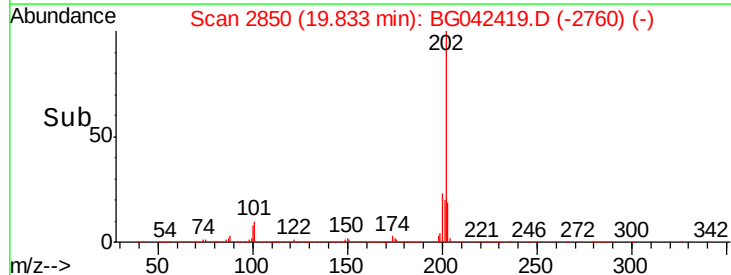
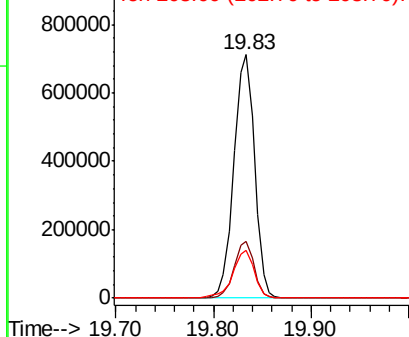
202 100

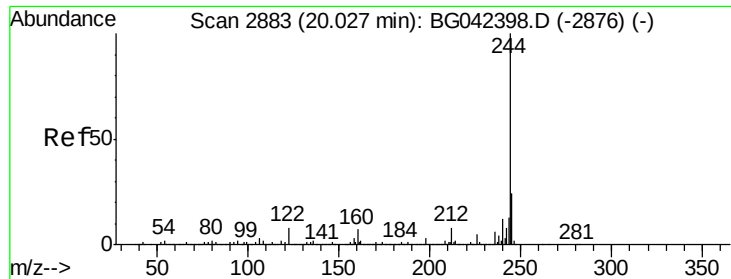
200 23.3 17.8 26.6

203 19.5 15.5 23.3



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: 77.529 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Instrument :

BNA_G

ClientSampleId :

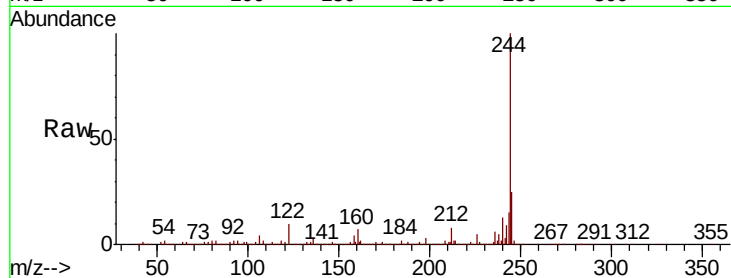
Tot Ion:244 Resp: 1647767

Ion Ratio Lower Upper

244 100

212 8.3 6.0 9.0

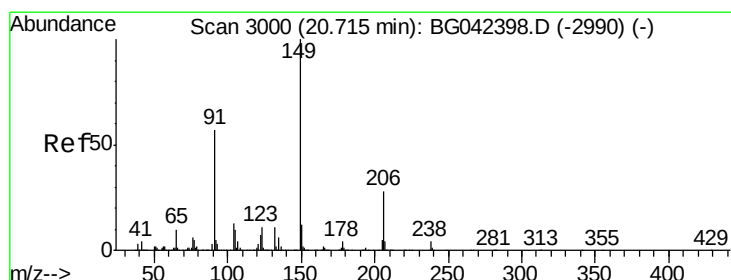
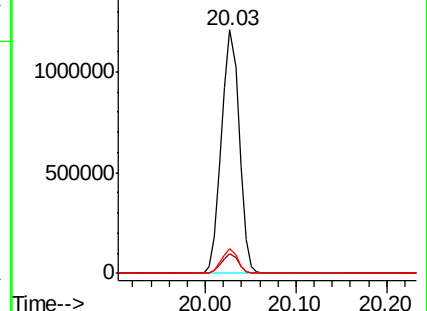
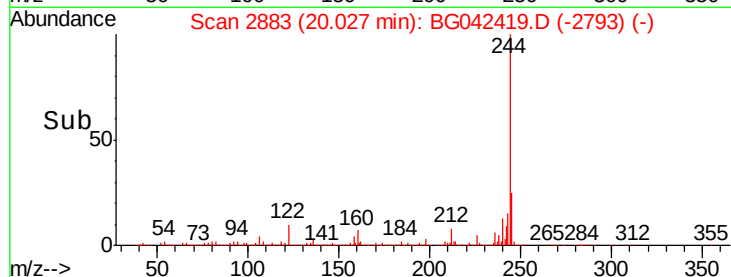
122 10.0 6.7 10.1



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: 32.534 ng

RT: 20.71 min Scan# 3000

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

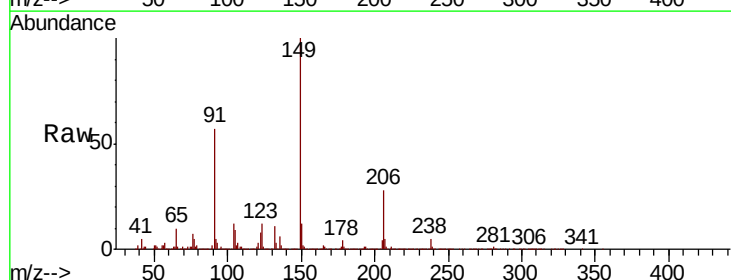
Tgt Ion:149 Resp: 360488

Ion Ratio Lower Upper

149 100

91 57.4 45.9 68.9

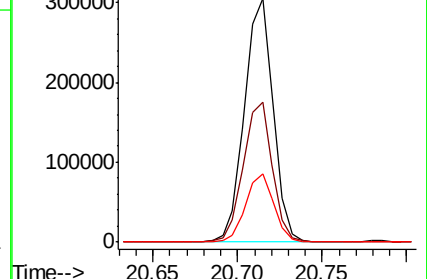
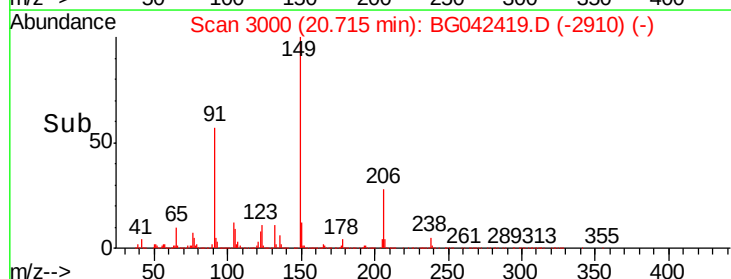
206 28.0 22.5 33.7

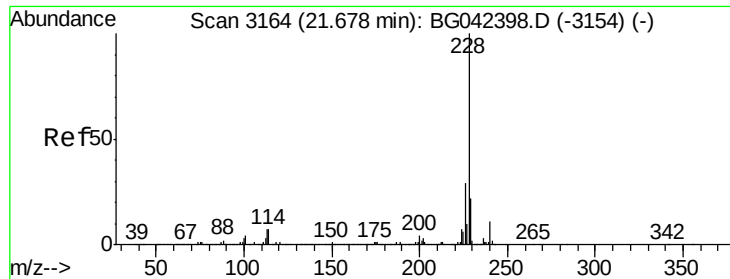


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

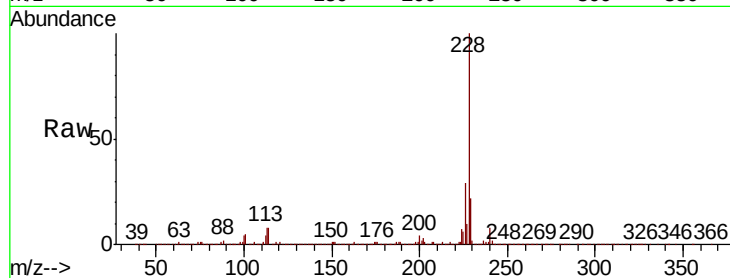




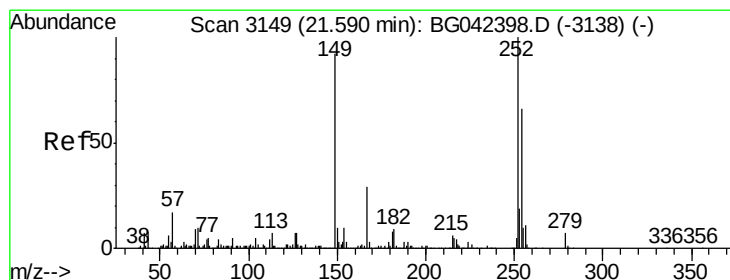
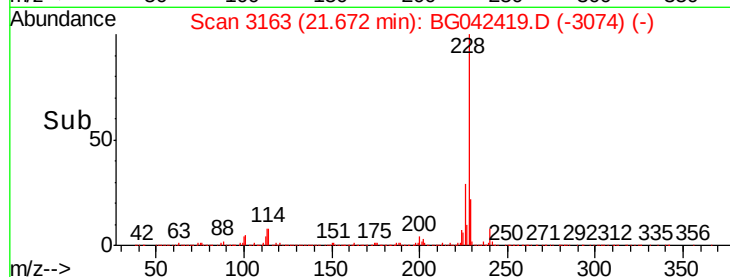
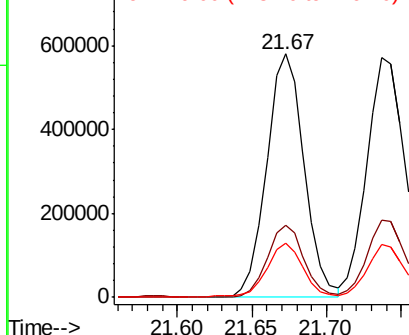
#81
Benzo(a)anthracene
Concen: 35.997 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1006181
Ion Ratio Lower Upper
228 100
226 29.4 23.4 35.2
229 22.1 17.4 26.2

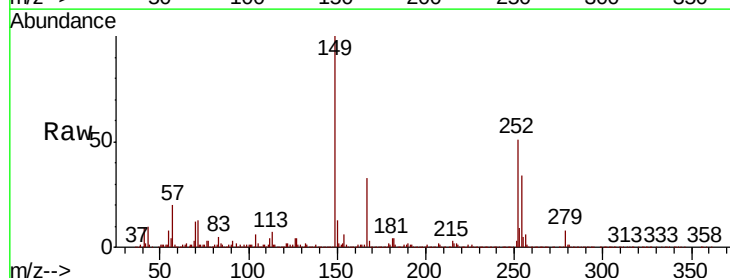


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

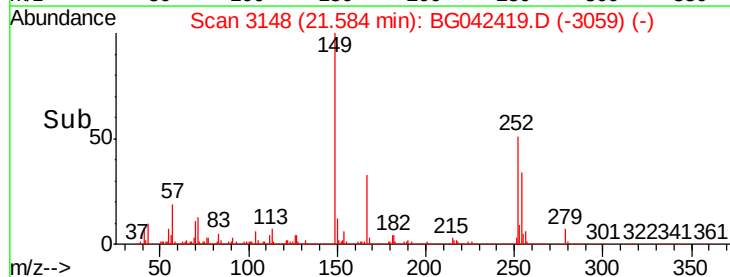
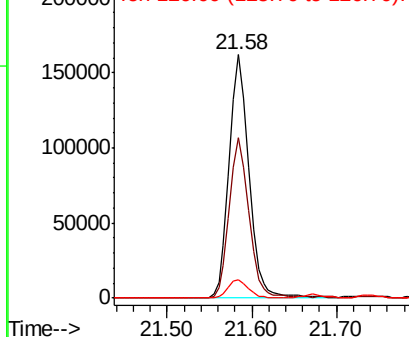


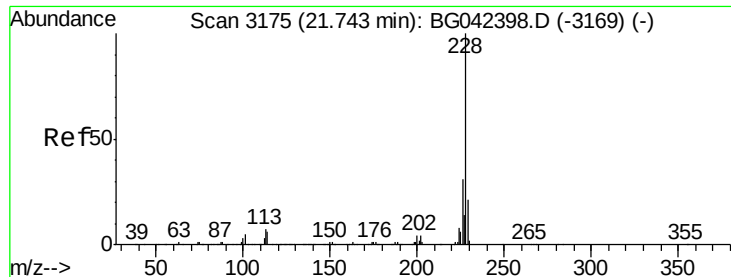
#82
3,3'-Dichlorobenzidine
Concen: 23.255 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

Tgt Ion:252 Resp: 261418
Ion Ratio Lower Upper
252 100
254 66.1 53.0 79.4
126 7.8 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.429 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

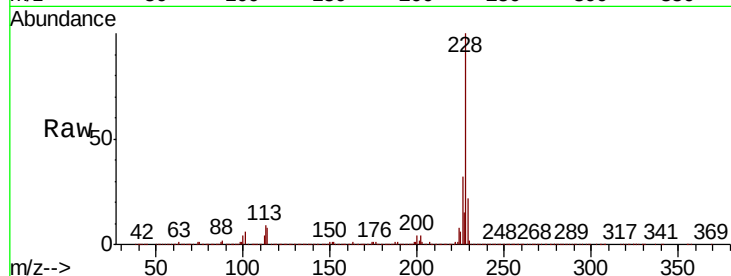
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 982017

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	22.0	16.9	25.3

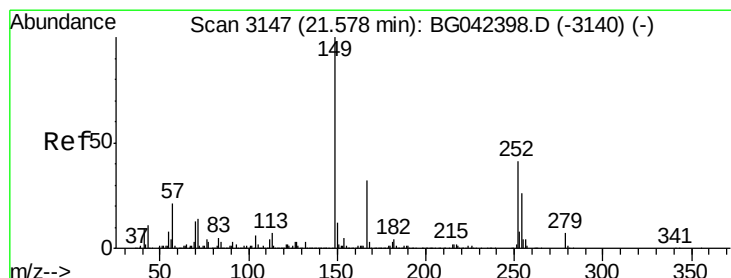
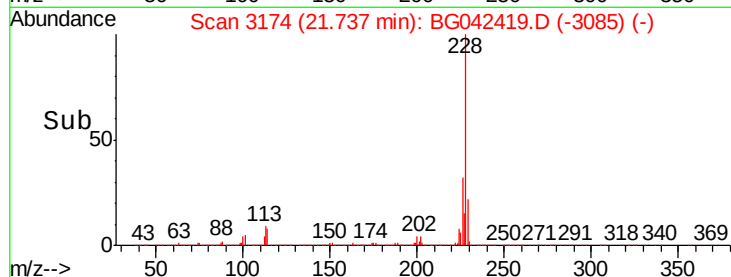
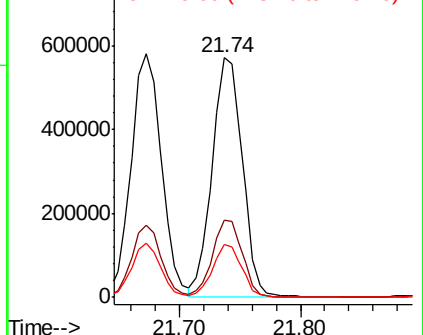


Abundance

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: 35.624 ng

RT: 21.58 min Scan# 3147

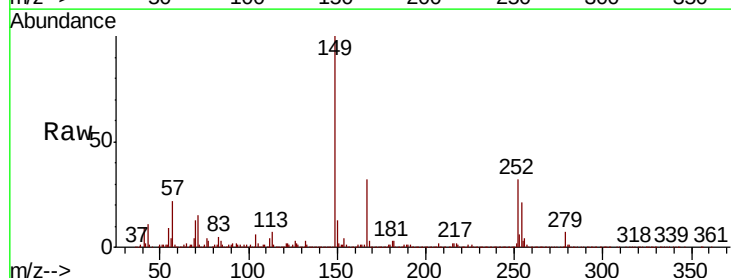
Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Tgt Ion:149 Resp: 548049

Ion	Ratio	Lower	Upper
149	100		
167	32.2	26.0	39.0
279	7.1	5.4	8.0

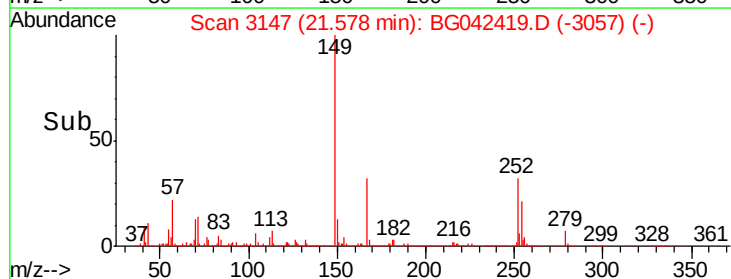
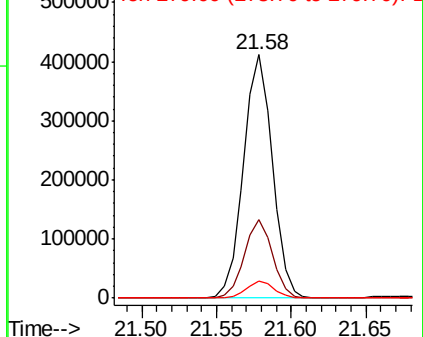


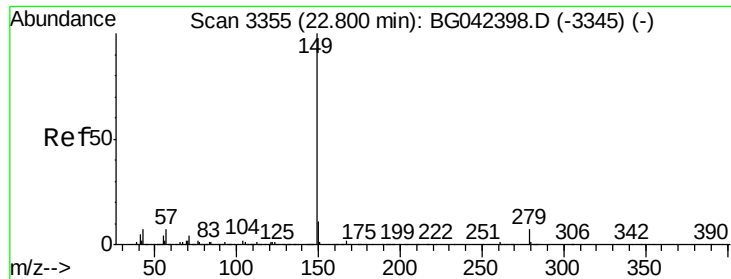
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 33.708 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Instrument :

BNA_G

ClientSampleId :

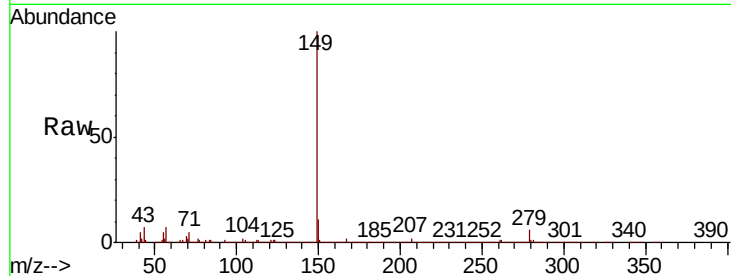
Tot Ion:149 Resp: 891912

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

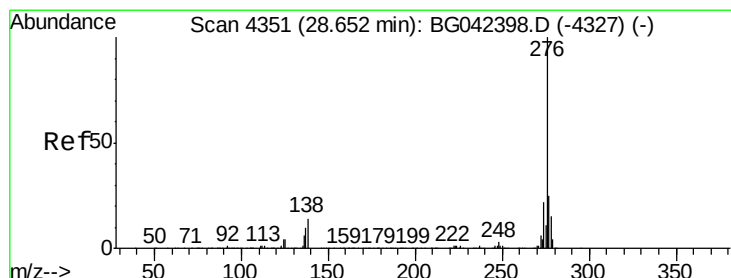
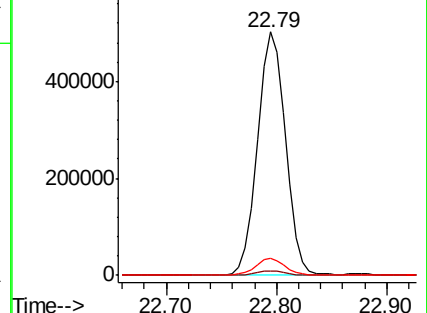
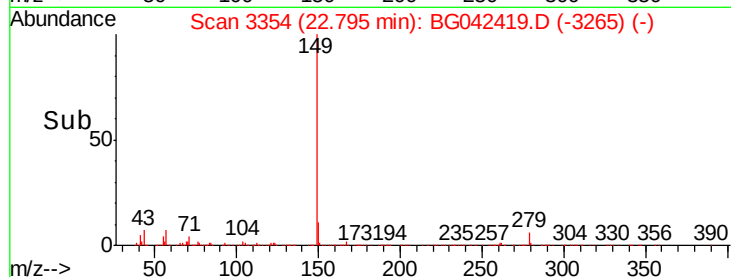
43 6.6 5.3 7.9



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: 31.848 ng

RT: 28.65 min Scan# 4351

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

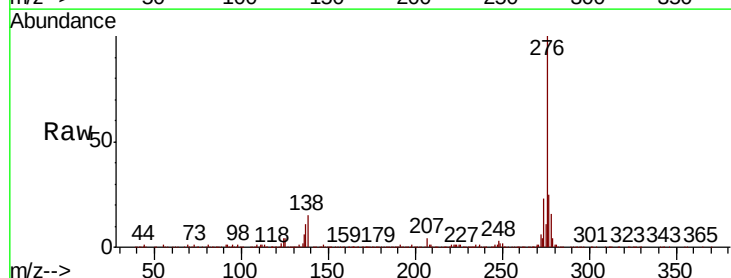
Tgt Ion:276 Resp: 1166699

Ion Ratio Lower Upper

276 100

138 7.8 9.2 13.8#

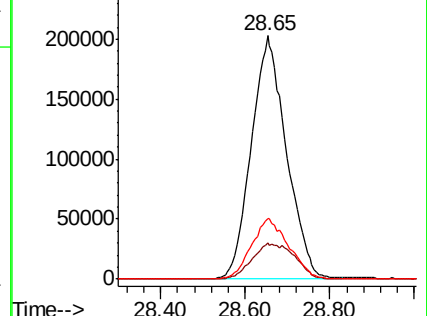
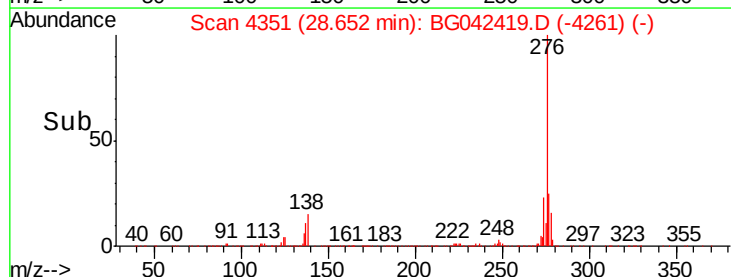
277 25.8 21.0 31.6

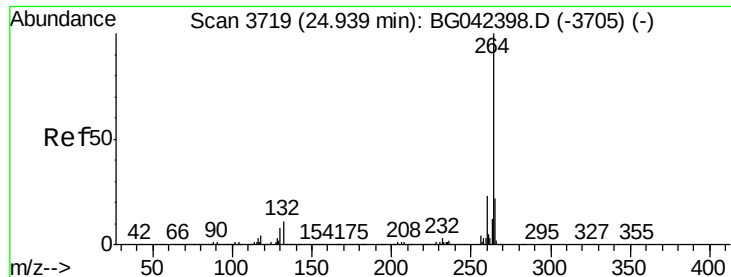


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

Instrument :

BNA_G

ClientSampled :

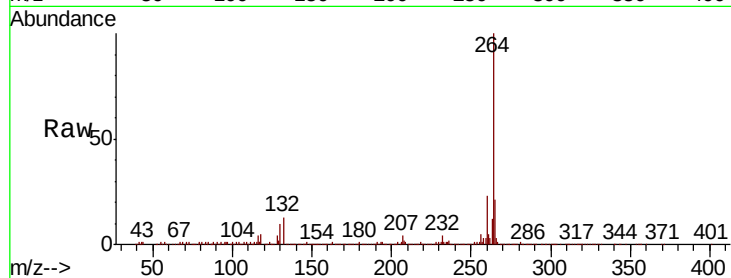
Tot Ion:264 Resp: 596370

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

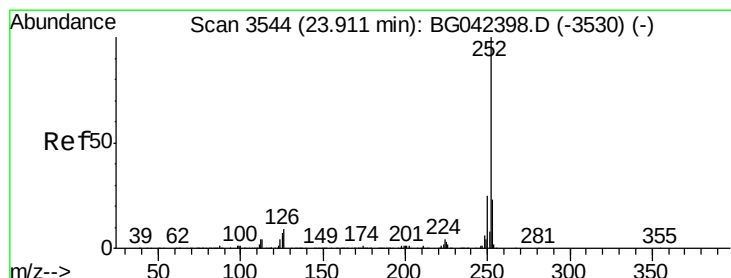
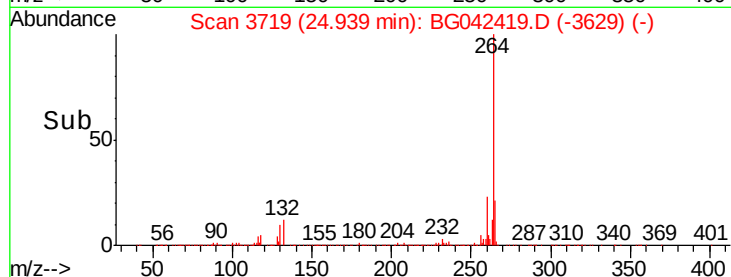
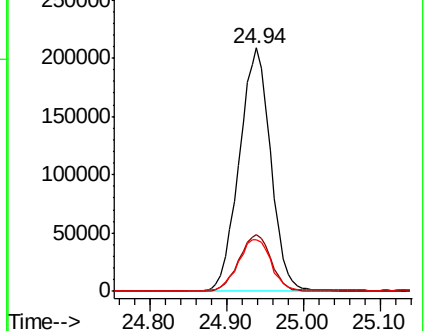
265 21.3 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 34.430 ng

RT: 23.91 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BG042419.D

Acq: 23 Aug 2019 2:41

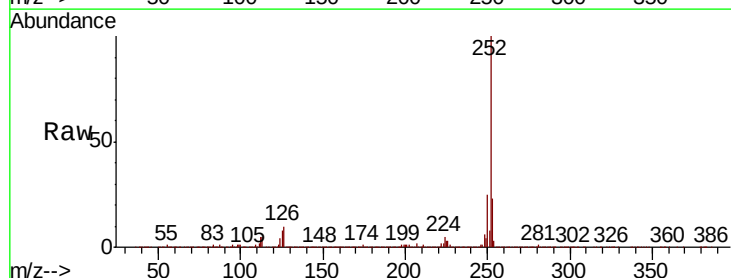
Tgt Ion:252 Resp: 1128821

Ion Ratio Lower Upper

252 100

253 23.3 18.6 27.8

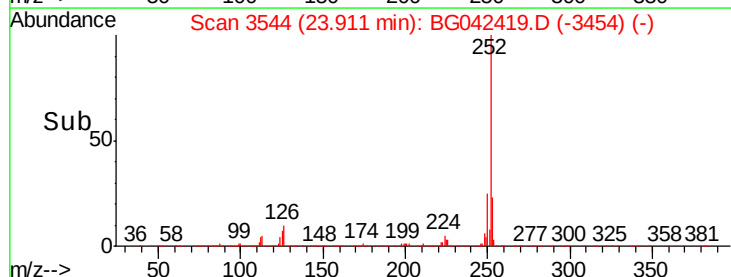
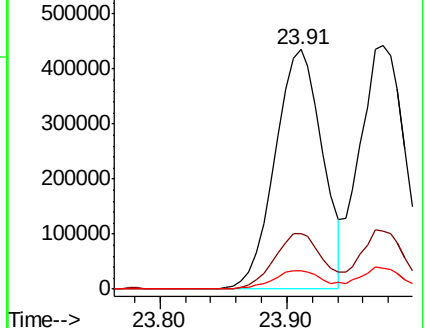
125 7.6 5.6 8.4

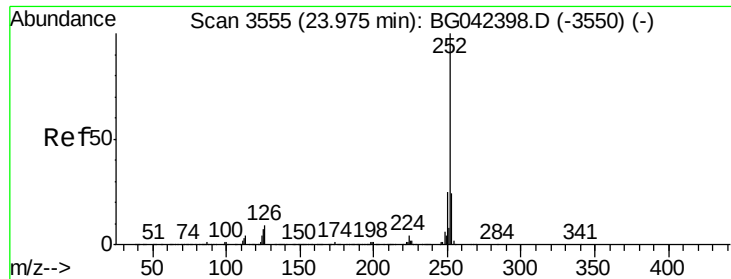


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

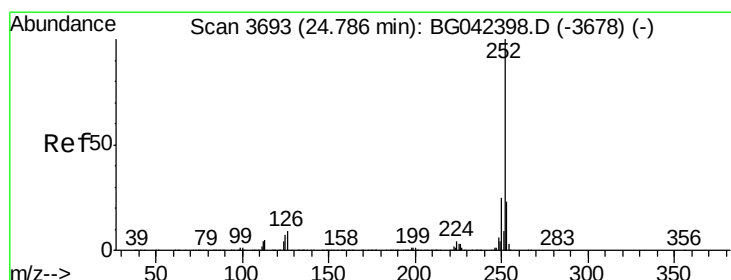
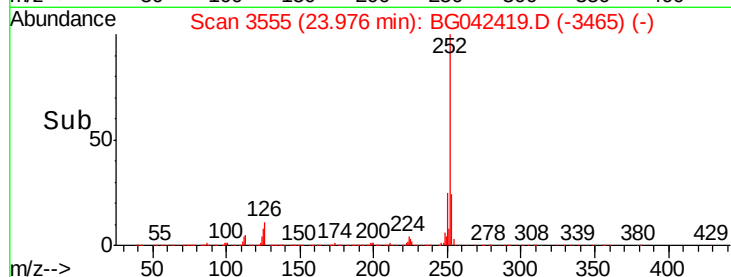
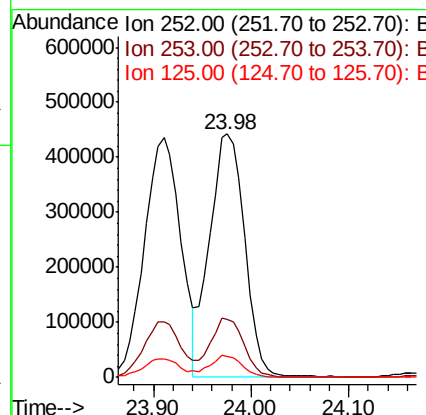
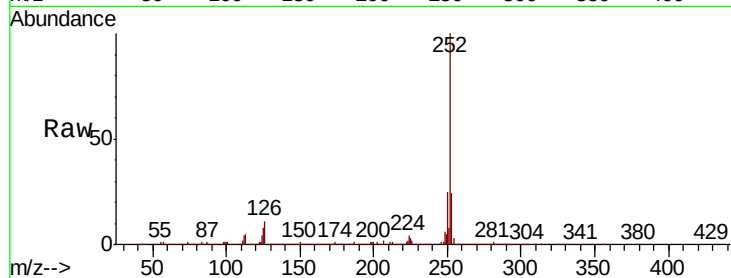




#89
Benzo(k)fluoranthene
Concen: 34.714 ng
RT: 23.98 min Scan# 3555
Delta R.T. 0.00 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

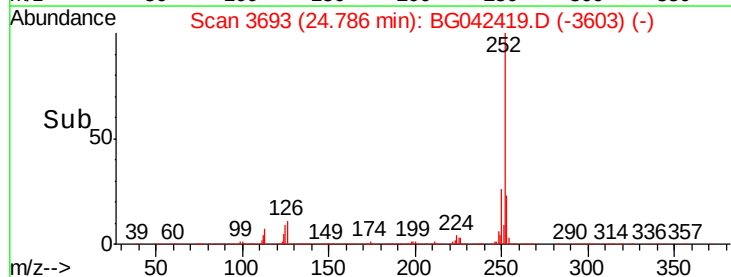
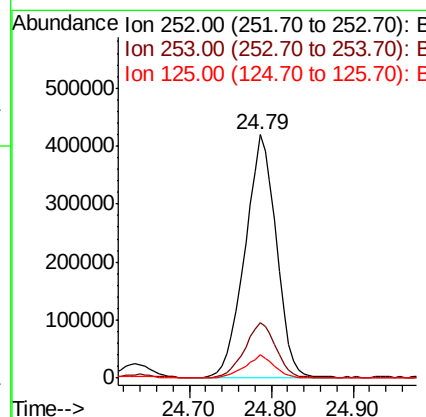
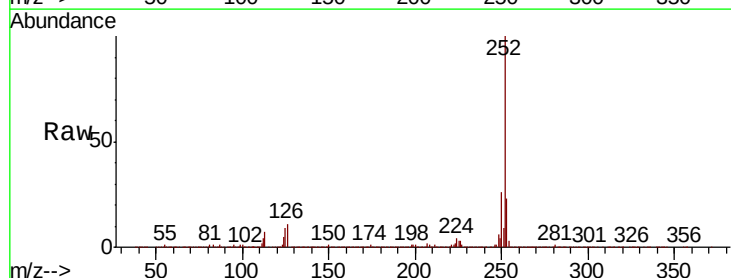
Instrument :
BNA_G
ClientSampled :

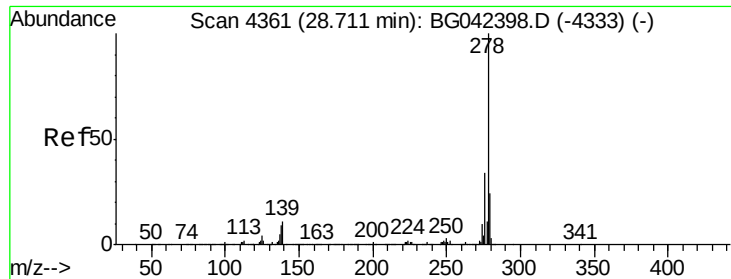
Tot Ion:252 Resp: 1094003
Ion Ratio Lower Upper
252 100
253 23.6 18.6 27.8
125 8.4 5.8 8.6



#90
Benzo(a)pyrene
Concen: 35.834 ng
RT: 24.79 min Scan# 3693
Delta R.T. 0.00 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

Tgt Ion:252 Resp: 1114852
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 9.4 6.0 9.0#

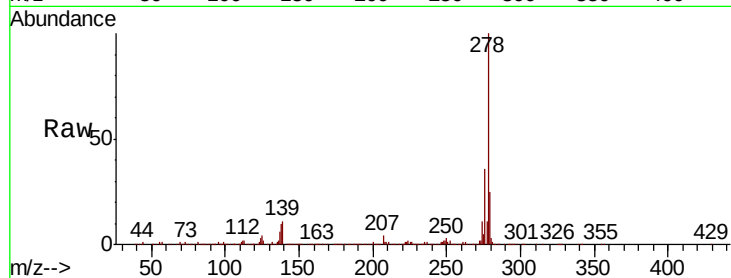




#91
Dibenzo(a,h)anthracene
Concen: 29.305 ng
RT: 28.71 min Scan# 4361
Delta R.T. 0.00 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.3	8.8	13.2
279	25.3	19.1	28.7

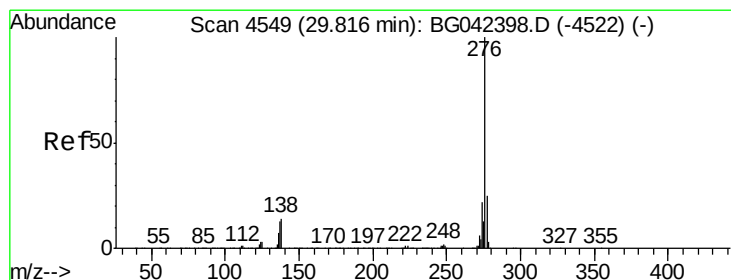
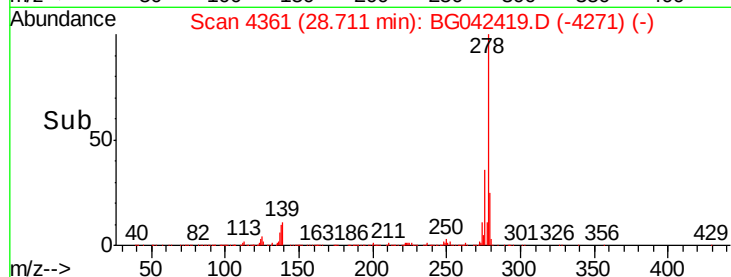
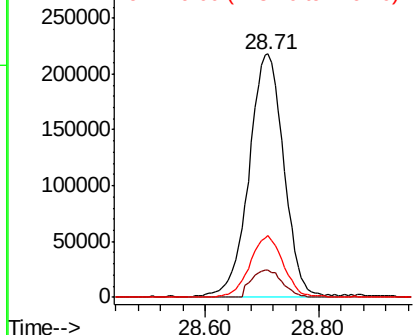


Abundance

Ion 278.00 (277.70 to 278.70): E

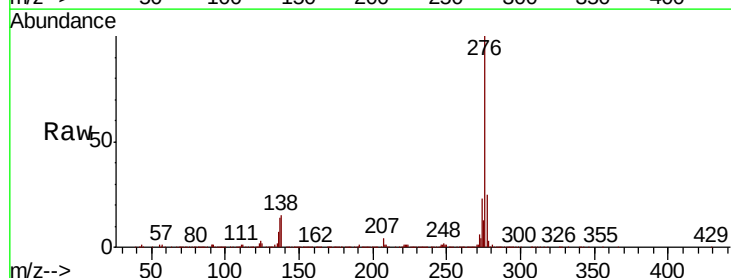
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 31.092 ng
RT: 29.81 min Scan# 4548
Delta R.T. -0.01 min
Lab File: BG042419.D
Acq: 23 Aug 2019 2:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.8	29.8
138	14.8	11.4	17.0



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

