

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082619\
 Data File : BG042503.D
 Acq On : 26 Aug 2019 17:48
 Operator : HP/JU
 Sample : K4477-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Quant Time: Aug 27 01:09:38 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	34170	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	122375	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	81877	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	206860	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	283876	20.00	ng	0.00
87) Perylene-d12	24.93	264	346773	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	228389	135.37	ng	0.00
7) Phenol-d6	7.17	99	300735	131.96	ng	0.00
23) Nitrobenzene-d5	9.16	82	169269	95.58	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	165740	142.42	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	438153	90.51	ng	0.00
79) Terphenyl-d14	20.02	244	1022494	77.87	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.41	88	28138	39.964 ng	98
3) Pyridine	3.82	79	67108	37.170 ng	99
4) n-Nitrosodimethylamine	3.74	42	26359	40.877 ng	94
6) Aniline	7.31	93	75387	24.801 ng	99
8) 2-Chlorophenol	7.57	128	84972	41.557 ng	99
9) Benzaldehyde	7.13	77	29553	25.902 ng	94
10) Phenol	7.19	94	98583	42.545 ng	96
11) bis(2-Chloroethyl)ether	7.41	93	69915	38.419 ng	99
12) 1,3-Dichlorobenzene	7.89	146	101824	39.146 ng	100
13) 1,4-Dichlorobenzene	8.03	146	101941	38.691 ng	98
14) 1,2-Dichlorobenzene	8.35	146	97928	38.811 ng	98
15) Benzyl Alcohol	8.24	79	59899	36.533 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	92923	37.674 ng	99
17) 2-Methylphenol	8.45	107	67085	39.307 ng	96
18) Hexachloroethane	9.09	117	34911	38.704 ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	52879	35.815 ng	96
20) 3+4-Methylphenols	8.78	107	87780	37.169 ng	99
22) Acetophenone	8.82	105	115022	43.945 ng	# 96
24) Nitrobenzene	9.21	77	76801	42.827 ng	99
25) Isophorone	9.73	82	144892	41.458 ng	98
26) 2-Nitrophenol	9.92	139	48710	43.345 ng	97
27) 2,4-Dimethylphenol	9.99	122	75474	48.755 ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	91969	41.752 ng	100
29) 2,4-Dichlorophenol	10.48	162	88384	43.639 ng	97
30) 1,2,4-Trichlorobenzene	10.68	180	103879	41.786 ng	98
31) Naphthalene	10.87	128	246496	43.385 ng	98
32) Benzoic acid	9.99	122	75474	63.915 ng	# 15
33) 4-Chloroaniline	10.98	127	65894	25.124 ng	97
34) Hexachlorobutadiene	11.16	225	68298	40.879 ng	99
35) Caprolactam	11.74	113	29326	43.394 ng	95
36) 4-Chloro-3-methylphenol	12.11	107	78727	40.947 ng	100
37) 2-Methylnaphthalene	12.48	142	188348	41.286 ng	99
38) 1-Methylnaphthalene	12.70	142	179557	41.436 ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	119284	45.366 ng	99

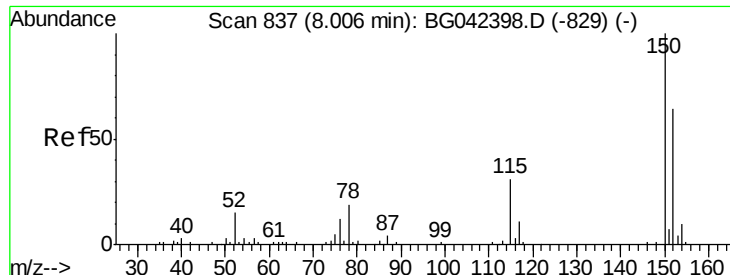
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082619\
 Data File : BG042503.D
 Acq On : 26 Aug 2019 17:48
 Operator : HP/JU
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	125340	90.749	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	77886	43.823	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	85125	46.219	ng	97
46) 1,1'-Biphenyl	13.49	154	236070	44.604	ng	100
47) 2-Chloronaphthalene	13.53	162	197295	43.232	ng	99
48) 2-Nitroaniline	13.74	65	45797	41.615	ng	97
49) Acenaphthylene	14.38	152	307317	44.761	ng	99
50) Dimethylphthalate	14.11	163	286171	48.440	ng	99
51) 2,6-Dinitrotoluene	14.22	165	59644	43.556	ng	99
52) Acenaphthene	14.72	154	178943	42.922	ng	99
53) 3-Nitroaniline	14.56	138	45193	33.000	ng	97
54) 2,4-Dinitrophenol	14.78	184	33795	40.007	ng	96
55) Dibenzofuran	15.06	168	306580	44.426	ng	99
56) 4-Nitrophenol	14.88	139	117562	120.808	ng	98
57) 2,4-Dinitrotoluene	15.02	165	89044	45.410	ng	96
58) Fluorene	15.71	166	248827	44.109	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	88802	48.756	ng	# 92
60) Diethylphthalate	15.47	149	255728	44.281	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	142068	41.778	ng	100
62) 4-Nitroaniline	15.73	138	69545	47.448	ng	99
63) Azobenzene	15.99	77	178750	45.170	ng	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	45763	35.286	ng	97
66) n-Nitrosodiphenylamine	15.91	169	237273	41.709	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	100602	38.341	ng	98
68) Hexachlorobenzene	16.72	284	107649	37.740	ng	96
69) Atrazine	16.86	200	105278	52.332	ng	99
70) Pentachlorophenol	17.07	266	140053	94.500	ng	98
71) Phenanthrene	17.46	178	459331	44.703	ng	99
72) Anthracene	17.54	178	477955	46.595	ng	99
73) Carbazole	17.81	167	468752	51.274	ng	98
74) Di-n-butylphthalate	18.37	149	536754	49.669	ng	99
75) Fluoranthene	19.46	202	697762	55.643	ng	98
77) Benzidine	19.64	184	353826	43.474	ng	98
78) Pyrene	19.83	202	714178	41.035	ng	99
80) Butylbenzylphthalate	20.71	149	290510	42.438	ng	99
81) Benzo(a)anthracene	21.67	228	750712	43.472	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	189885	27.341	ng	100
83) Chrysene	21.73	228	732979	44.012	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	421366	44.333	ng	97
85) Di-n-octyl phthalate	22.79	149	752532	46.035	ng	100
86) Indeno(1,2,3-cd)pyrene	28.64	276	989630	43.726	ng	# 94
88) Benzo(b)fluoranthene	23.90	252	855919	44.896	ng	100
89) Benzo(k)fluoranthene	23.97	252	810369	44.222	ng	99
90) Benzo(a)pyrene	24.78	252	832965	46.045	ng	99
91) Dibenzo(a,h)anthracene	28.70	278	821424	44.846	ng	99
92) Benzo(g,h,i)perylene	29.79	276	831793	45.405	ng	99

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

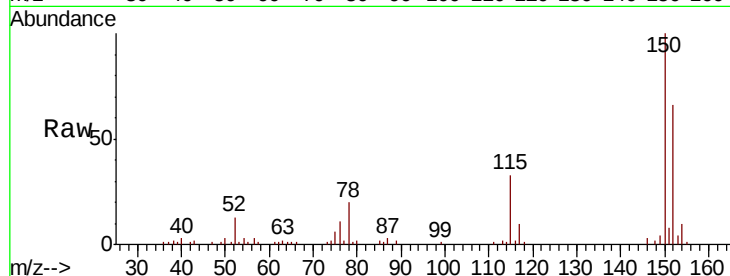


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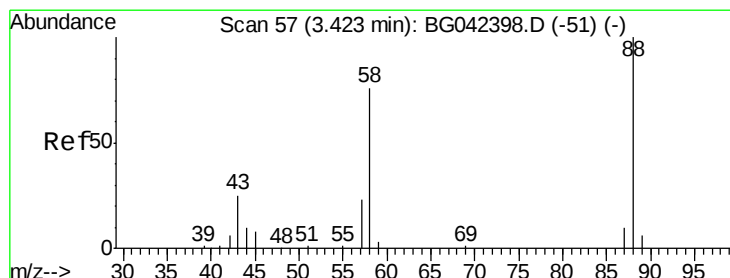
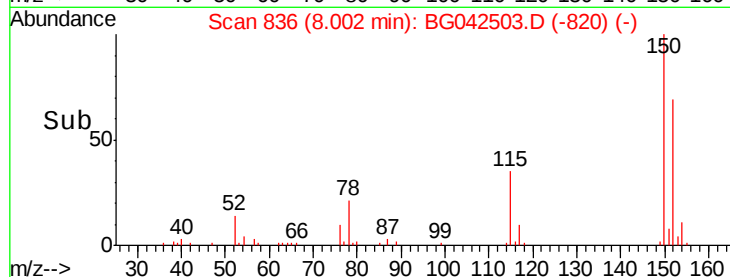
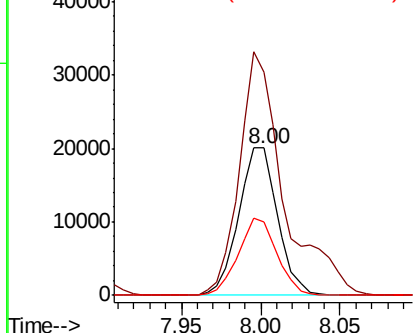
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tgt Ion:152 Resp: 34170
Ion Ratio Lower Upper
152 100
150 151.3 125.4 188.0
115 49.9 38.5 57.7



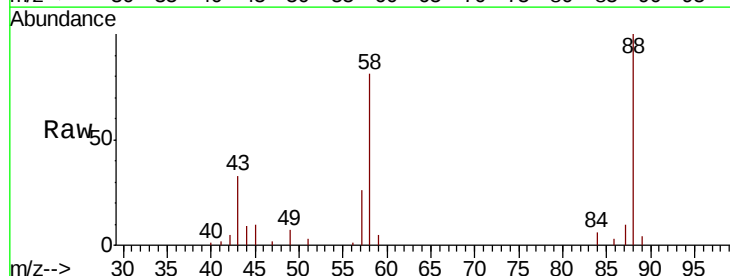
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



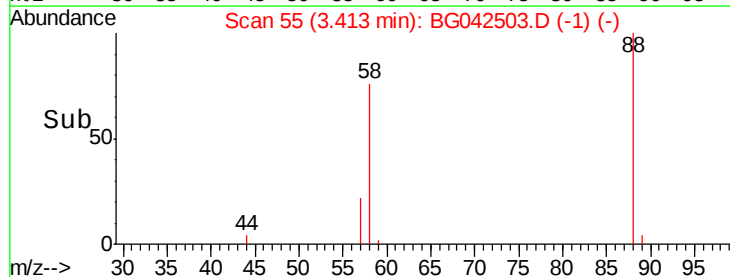
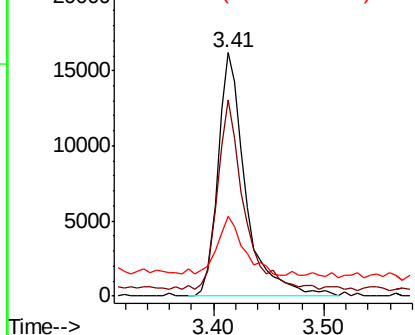
#2

1,4-Dioxane
Concen: 39.964 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion: 88 Resp: 28138
Ion Ratio Lower Upper
88 100
58 74.5 58.3 87.5
43 23.7 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

Pyridine

Concen: 37.170 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

ClientSampleId :

TP-1(1-3)MS

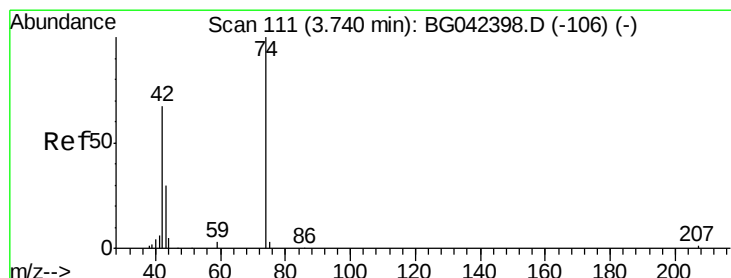
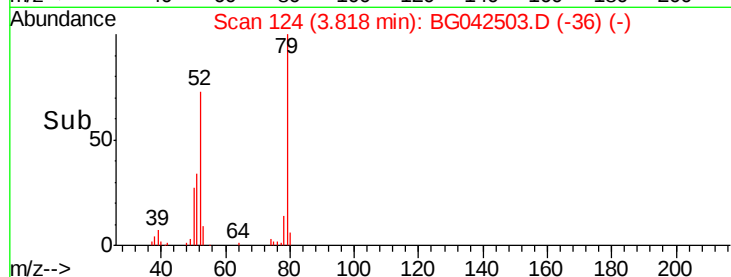
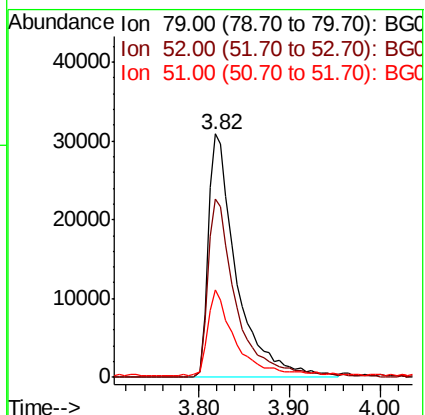
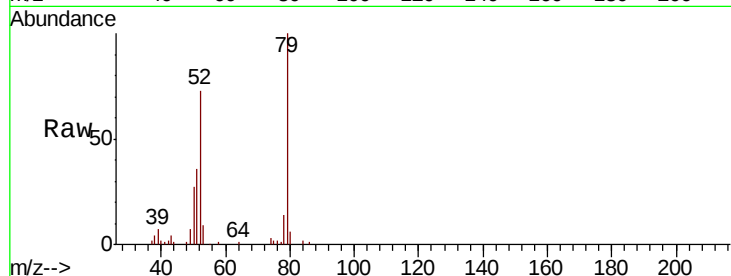
Tgt Ion: 79 Resp: 67108

Ion Ratio Lower Upper

79 100

52 73.5 57.7 86.5

51 35.7 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 40.877 ng

RT: 3.74 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

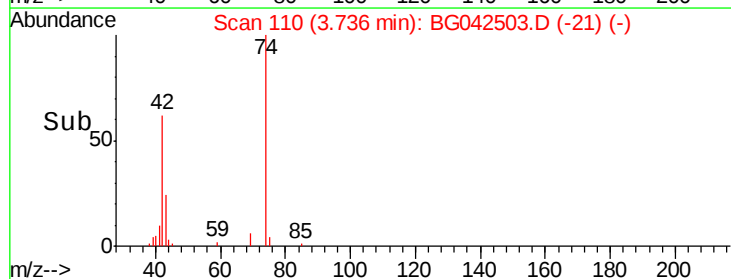
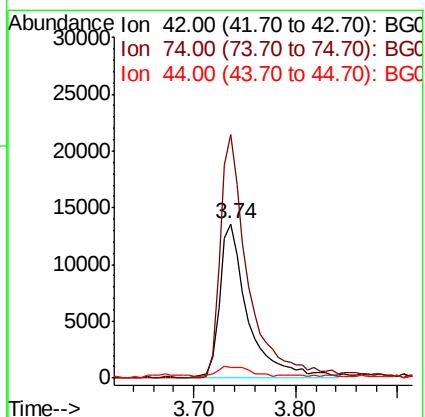
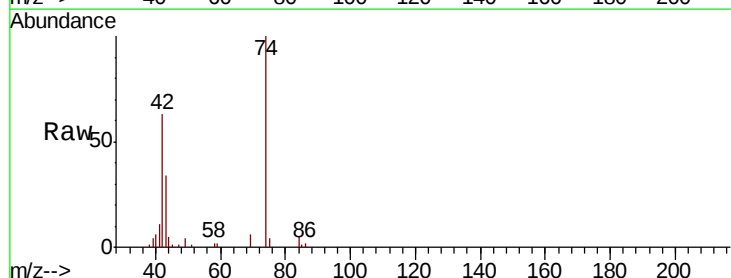
Tgt Ion: 42 Resp: 26359

Ion Ratio Lower Upper

42 100

74 157.5 119.6 179.4

44 7.2 6.5 9.7





#5

2-Fluorophenol

Concen: 135.369 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

ClientSampleId :

TP-1(1-3)MS

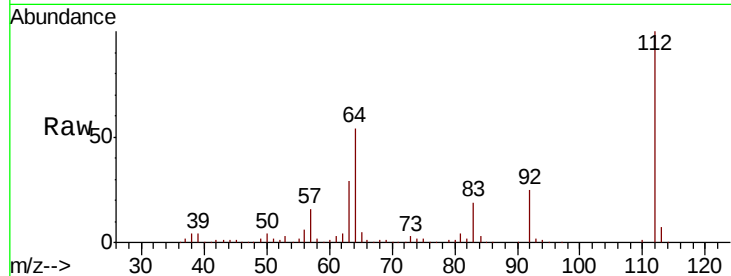
Tgt Ion: 112 Resp: 228389

Ion Ratio Lower Upper

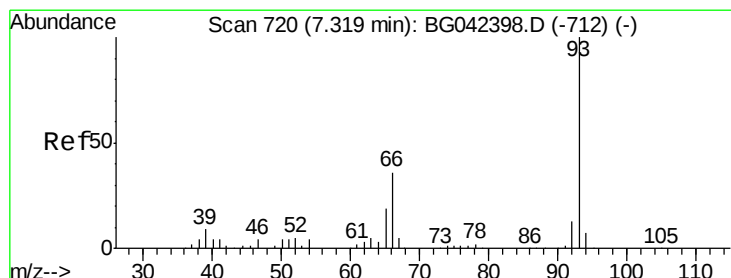
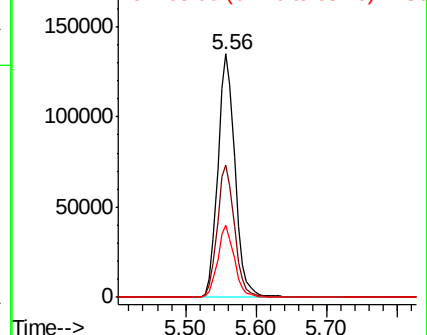
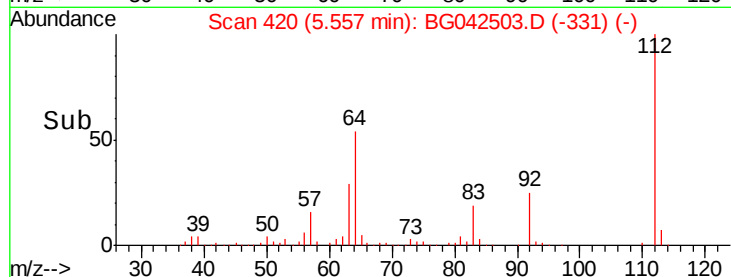
112 100

64 54.1 42.8 64.2

63 29.5 22.7 34.1



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



#6

Aniline

Concen: 24.801 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

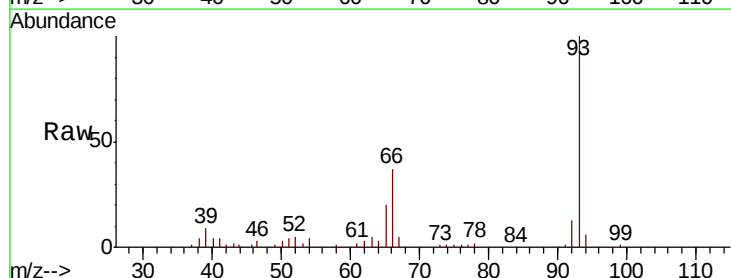
Tgt Ion: 93 Resp: 75387

Ion Ratio Lower Upper

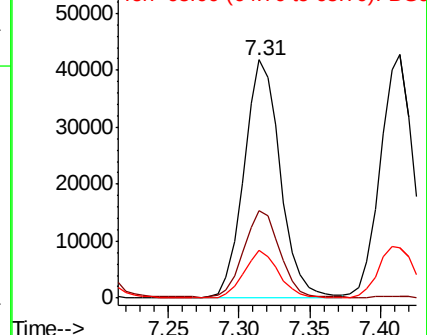
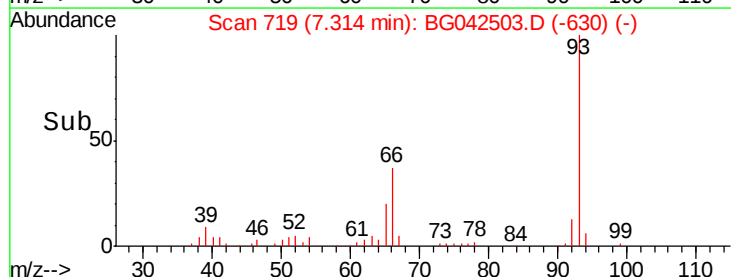
93 100

66 36.7 29.0 43.6

65 19.9 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: 131.960 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

ClientSampleId :

TP-1(1-3)MS

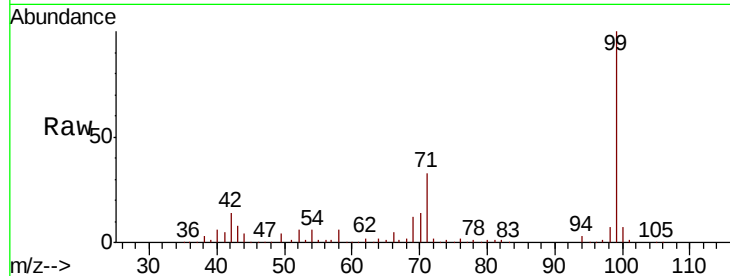
Tgt Ion: 99 Resp: 300735

Ion Ratio Lower Upper

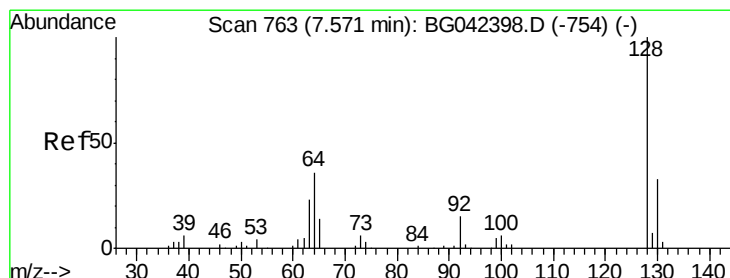
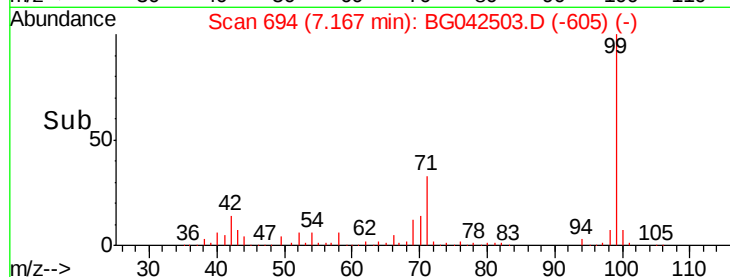
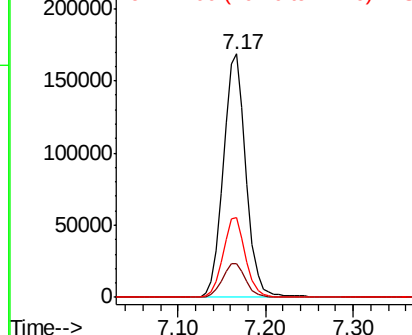
99 100

42 14.1 12.0 18.0

71 32.8 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: 41.557 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

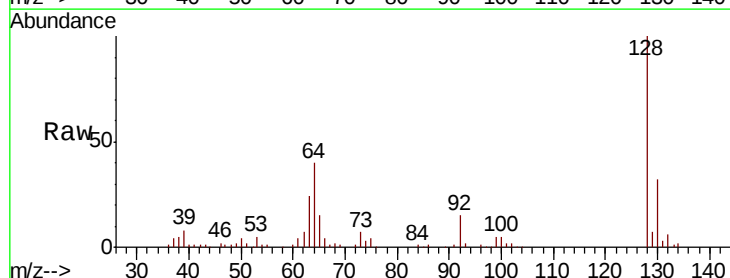
Tgt Ion: 128 Resp: 84972

Ion Ratio Lower Upper

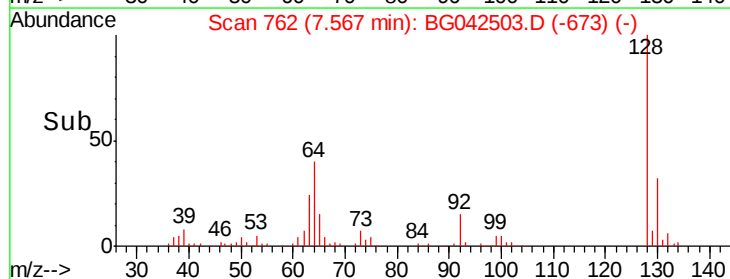
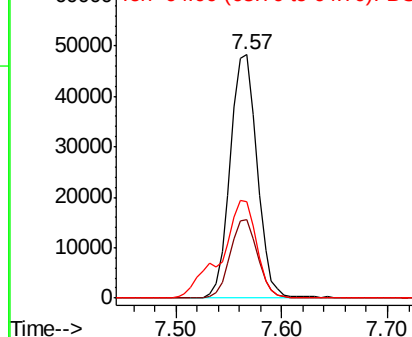
128 100

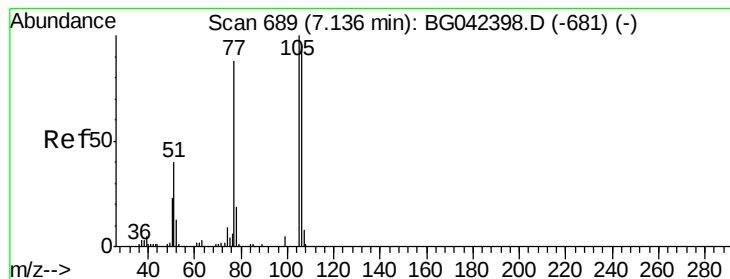
130 32.2 12.8 52.8

64 39.8 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: 25.902 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

ClientSampleId :

TP-1(1-3)MS

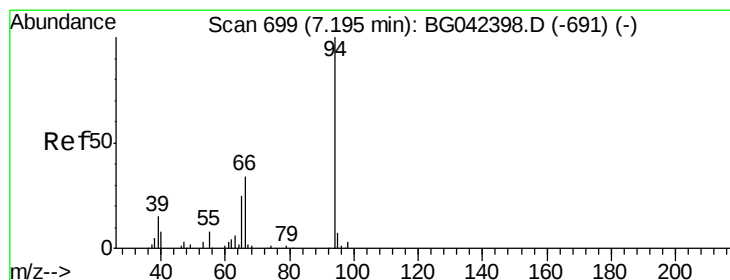
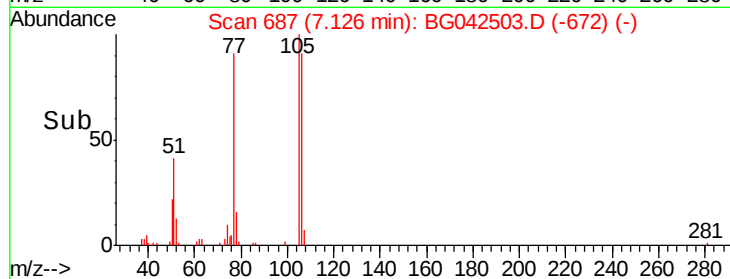
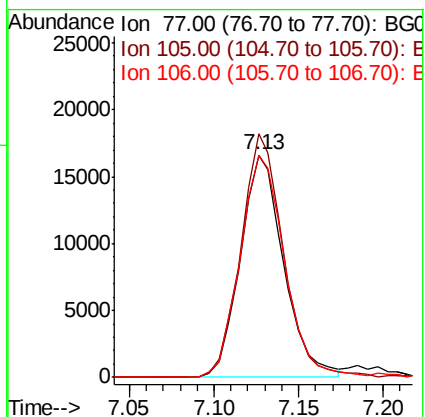
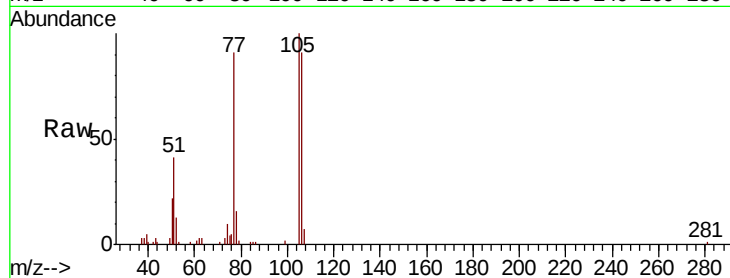
Tgt Ion: 77 Resp: 29553

Ion Ratio Lower Upper

77 100

105 109.4 93.4 133.4

106 99.8 88.4 128.4



#10

Phenol

Concen: 42.545 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

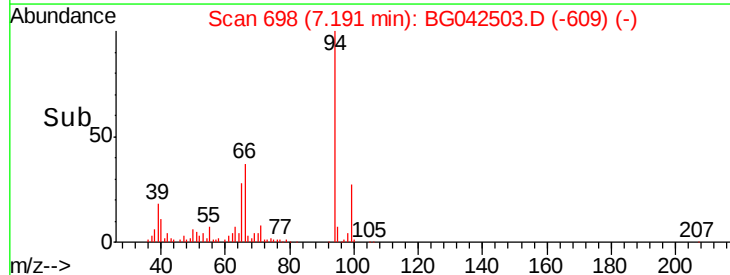
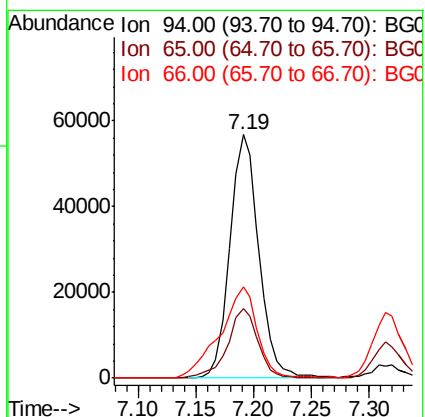
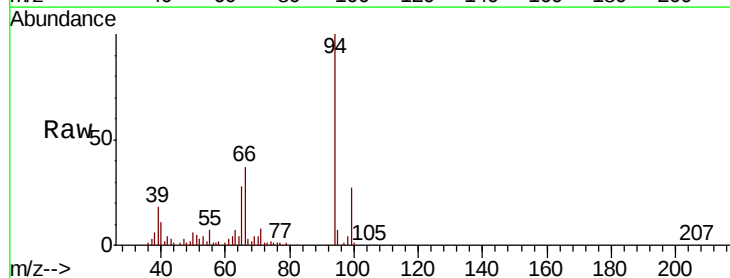
Tgt Ion: 94 Resp: 98583

Ion Ratio Lower Upper

94 100

65 28.5 5.6 45.6

66 37.4 16.0 56.0

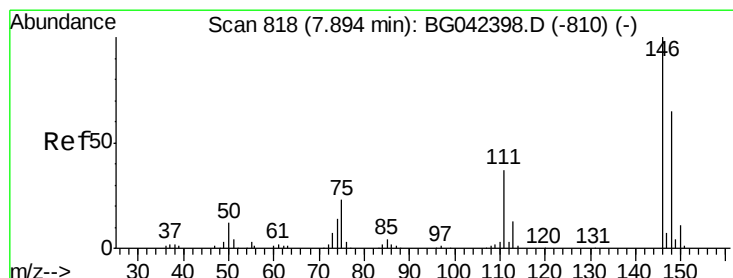
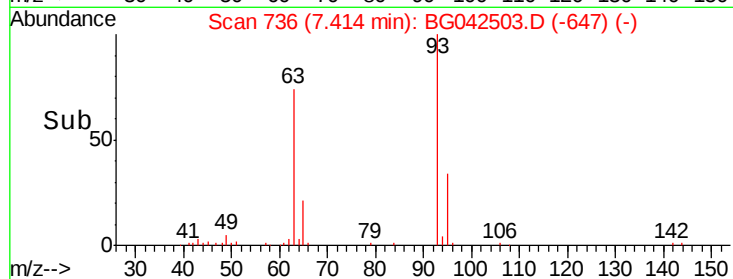
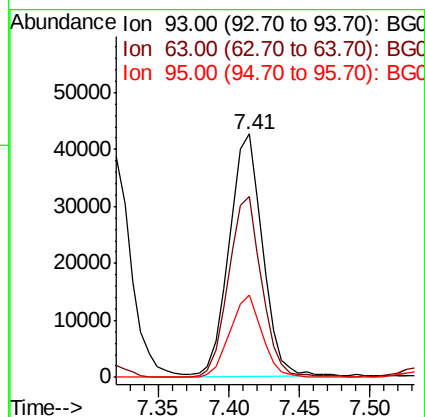
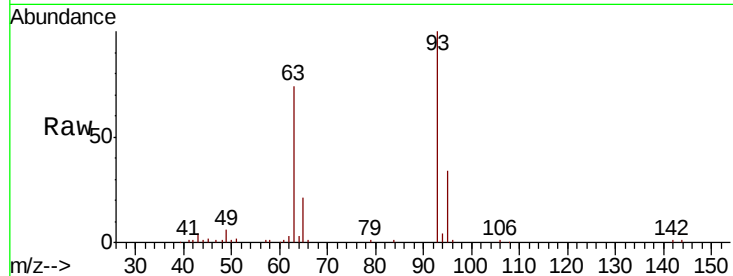




#11
bis(2-Chloroethyl)ether
Concen: 38.419 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

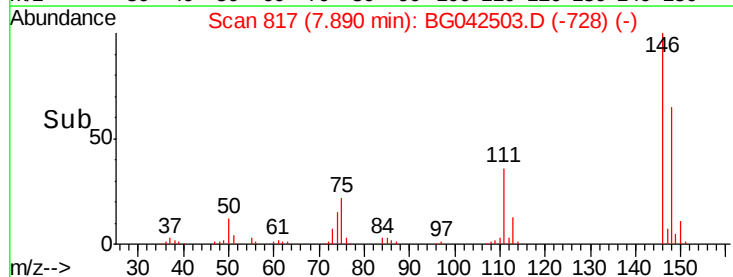
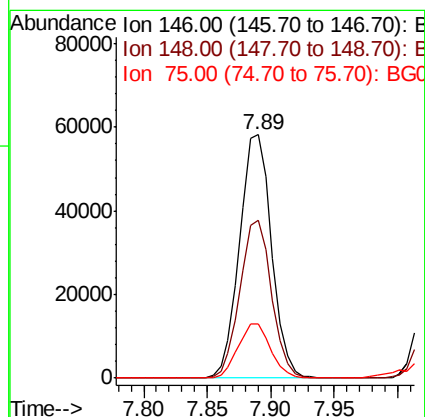
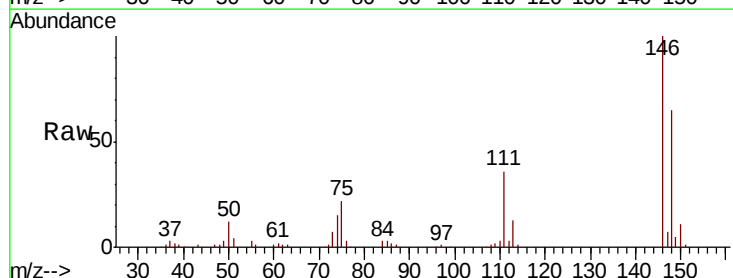
Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

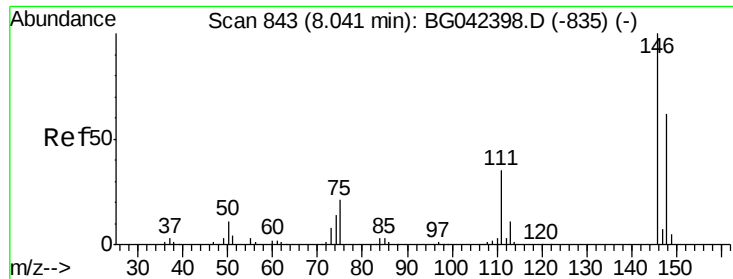
Tgt Ion: 93 Resp: 69915
Ion Ratio Lower Upper
93 100
63 74.5 53.8 93.8
95 33.6 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 39.146 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion: 146 Resp: 101824
Ion Ratio Lower Upper
146 100
148 65.0 52.2 78.2
75 22.4 18.0 27.0

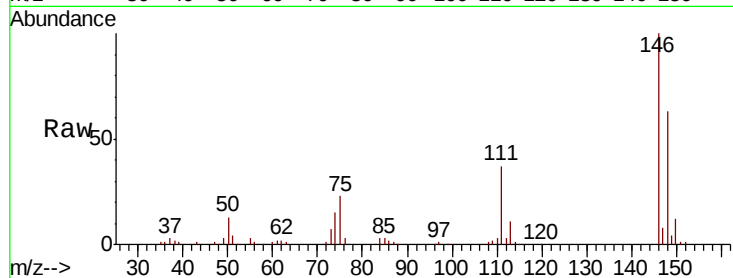




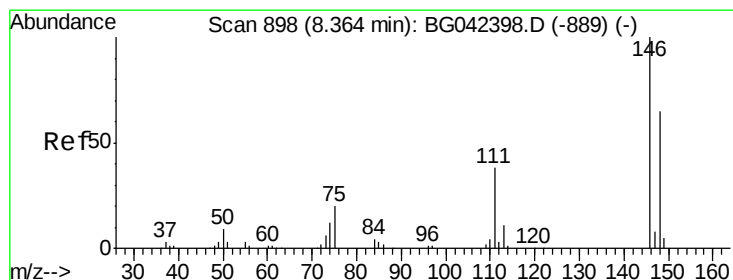
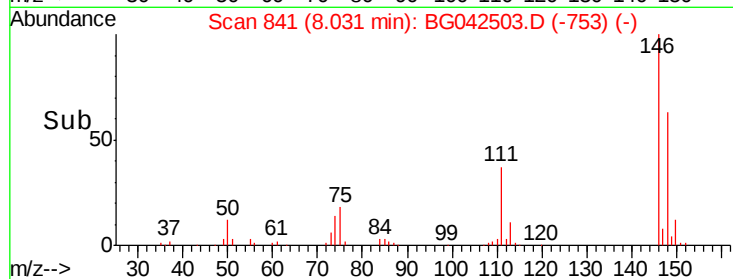
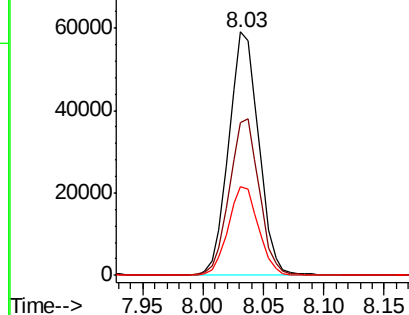
#13
 1,4-Dichlorobenzene
 Concen: 38.691 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	49.5	74.3
111	36.7	28.1	42.1

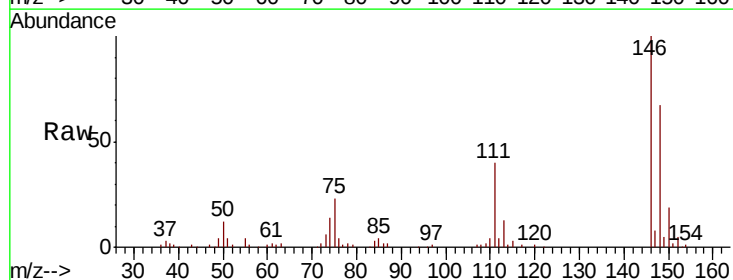


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

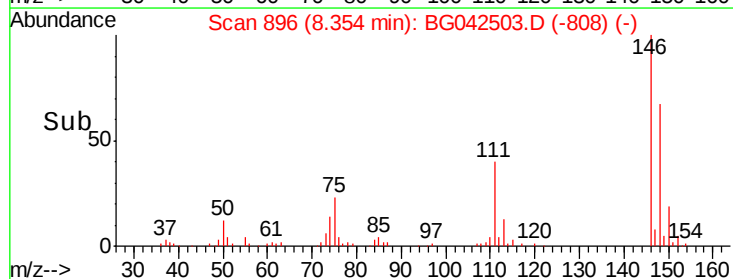
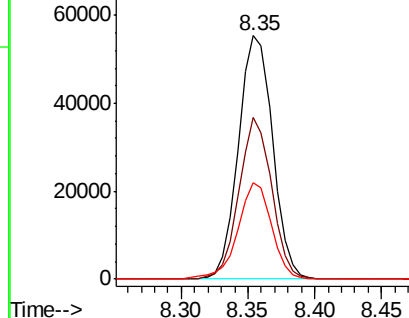


#14
 1,2-Dichlorobenzene
 Concen: 38.811 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	51.8	77.6
111	39.5	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: 36.533 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

ClientSampleId :

TP-1(1-3)MS

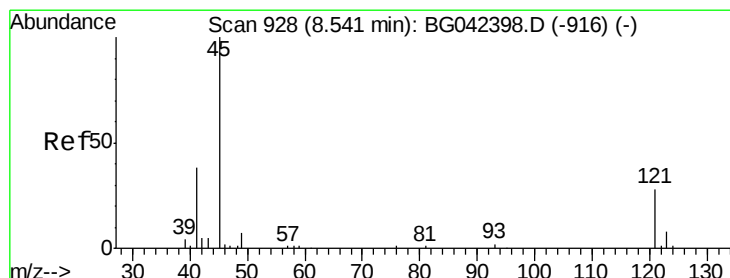
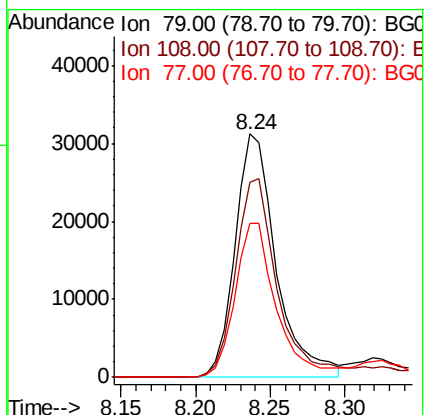
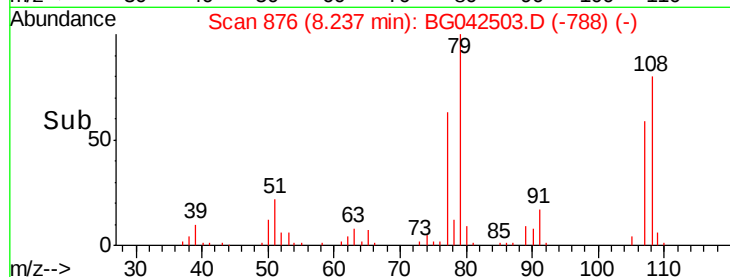
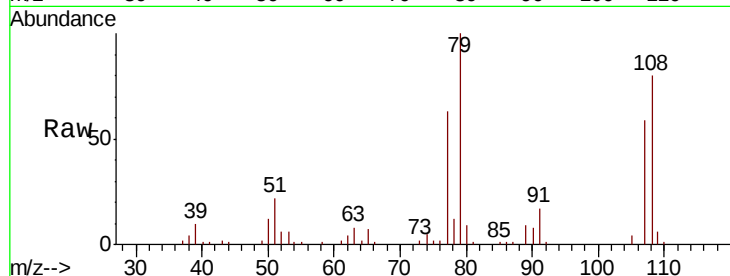
Tgt Ion: 79 Resp: 59899

Ion Ratio Lower Upper

79 100

108 80.2 67.4 101.2

77 63.1 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.674 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

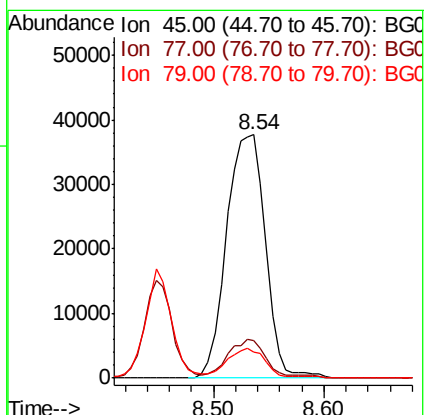
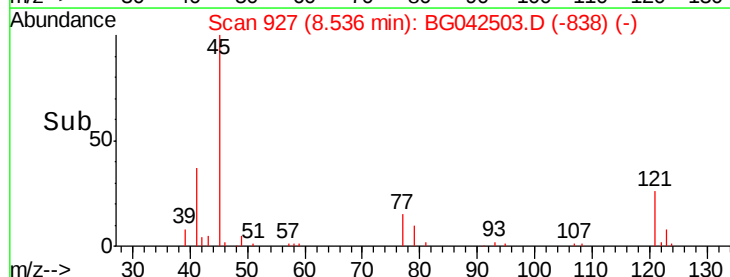
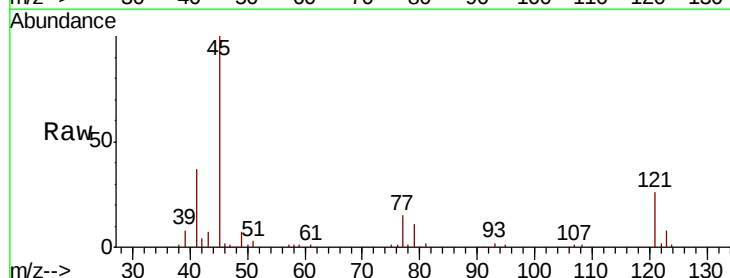
Tgt Ion: 45 Resp: 92923

Ion Ratio Lower Upper

45 100

77 15.2 0.0 35.6

79 10.7 0.0 31.6

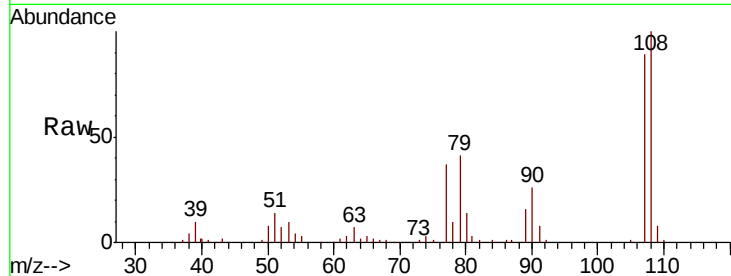




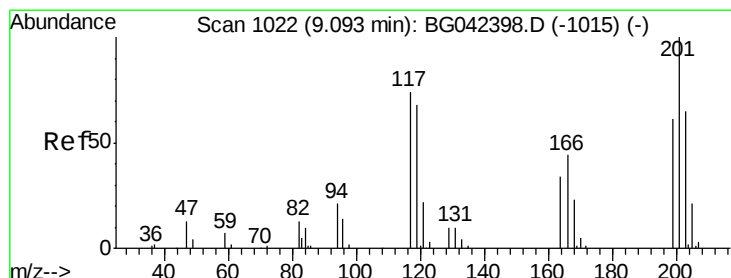
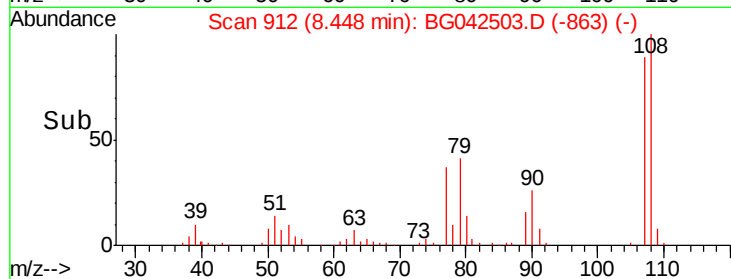
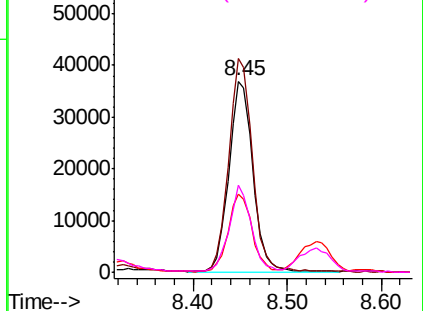
#17
2-Methylphenol
Concen: 39.307 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tgt Ion:107 Resp: 67085
Ion Ratio Lower Upper
107 100
108 111.9 92.9 139.3
77 41.0 34.4 51.6
79 45.9 33.8 50.6

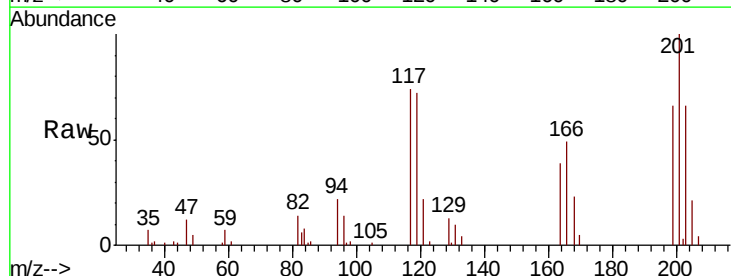


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

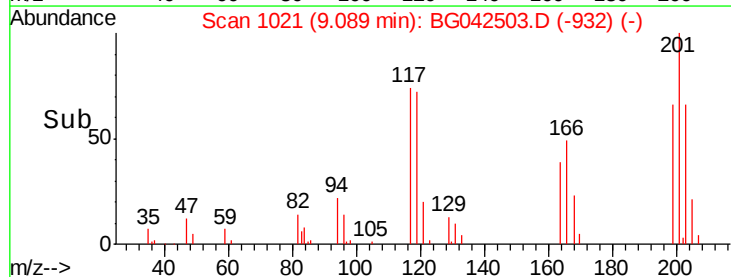
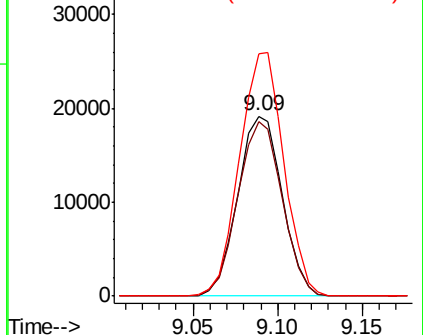


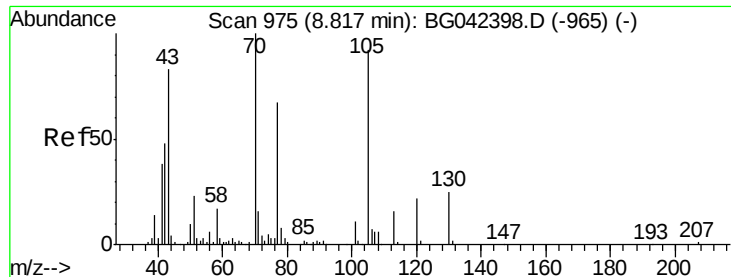
#18
Hexachloroethane
Concen: 38.704 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion:117 Resp: 34911
Ion Ratio Lower Upper
117 100
119 97.0 73.8 110.8
201 134.9 108.3 162.5



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

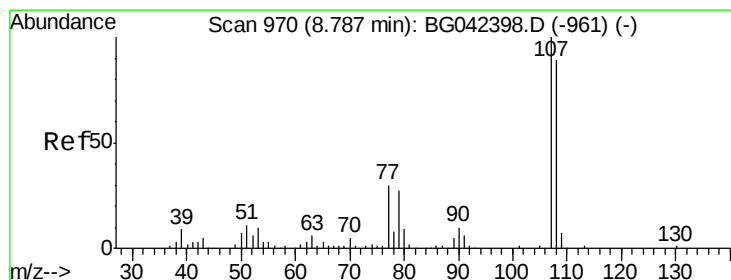
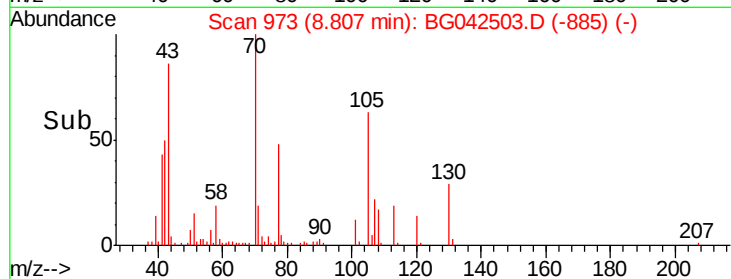
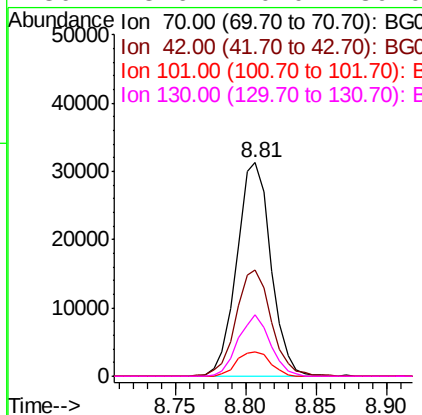
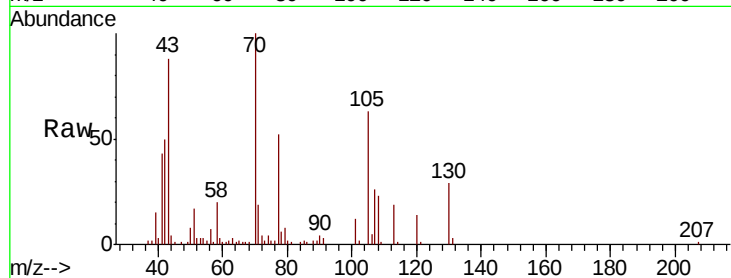




#19
n-Nitroso-di-n-propylamine
Concen: 35.815 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

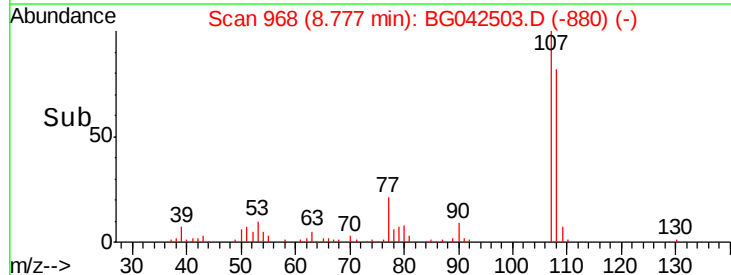
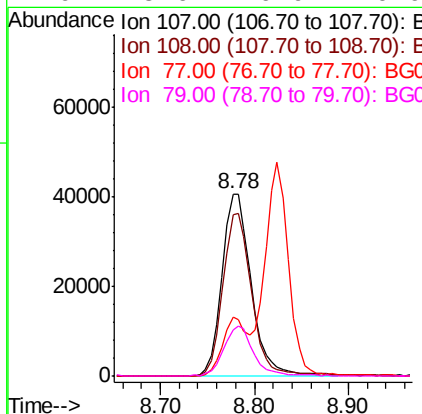
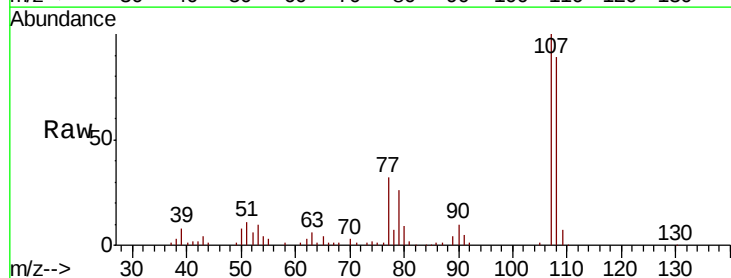
Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tgt Ion:	70	Resp:	52879
Ion	Ratio	Lower	Upper
70	100		
42	50.0	38.8	58.2
101	11.7	9.0	13.6
130	28.6	20.0	30.0



#20
3+4-Methylphenols
Concen: 37.169 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion:	107	Resp:	87780
Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.7	108.7
77	32.2	10.2	50.2
79	25.6	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

ClientSampleId :

TP-1(1-3)MS

Tgt Ion:136 Resp: 122375

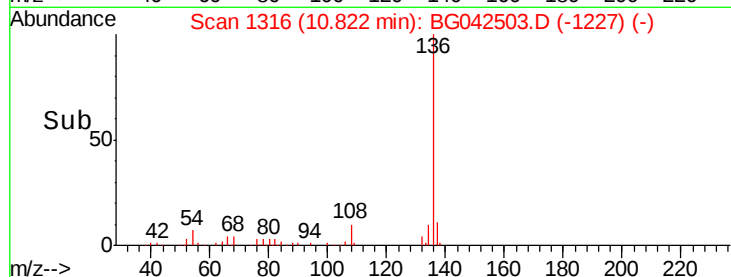
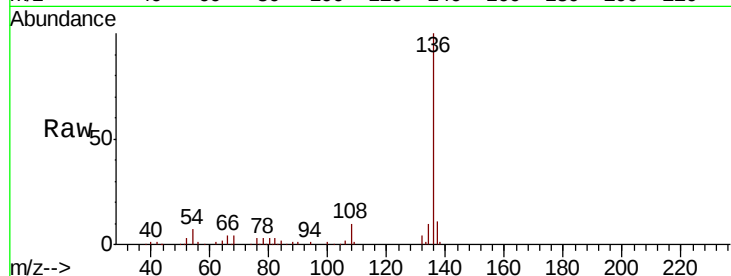
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.9 4.9 7.3

68 4.4 3.6 5.4

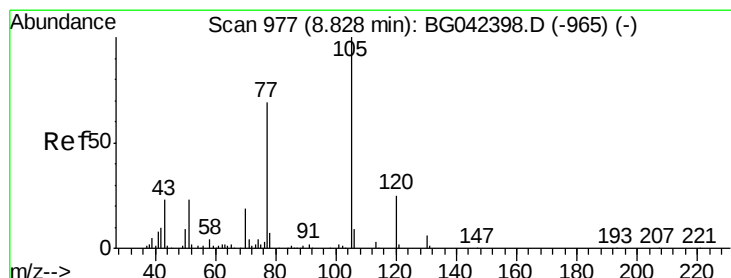
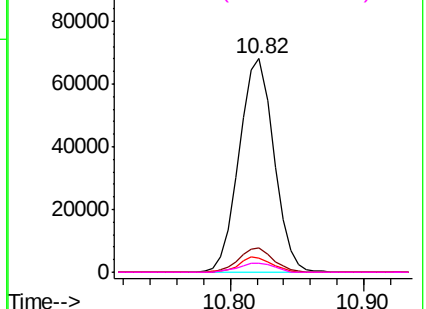


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.945 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Tgt Ion:105 Resp: 115022

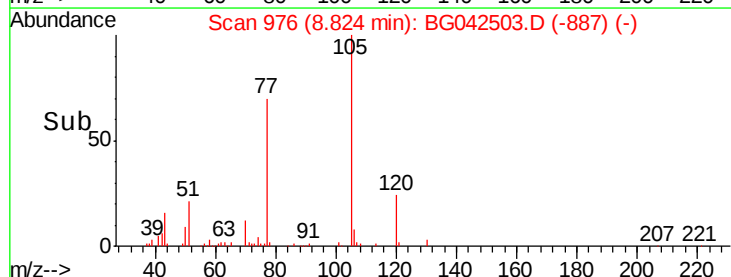
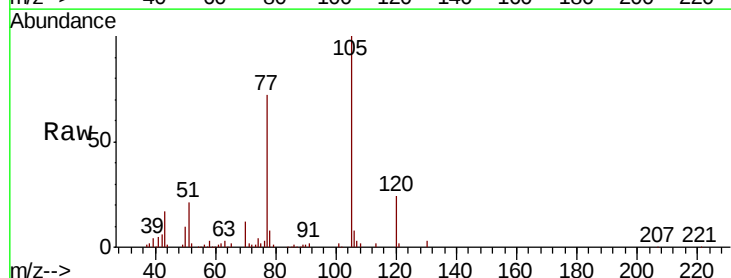
Ion Ratio Lower Upper

105 100

71 1.7 2.8 4.2#

51 21.5 18.7 28.1

120 23.5 20.1 30.1

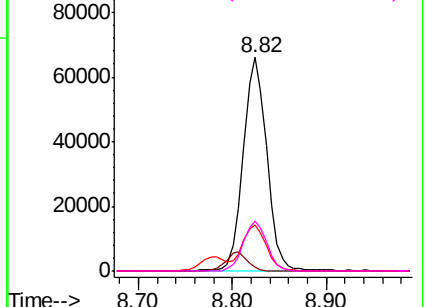


Abundance Ion 105.00 (104.70 to 105.70): E

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

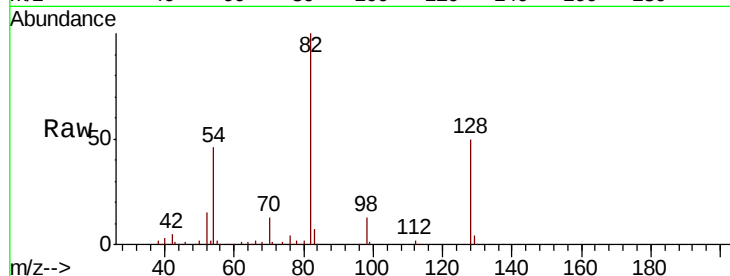




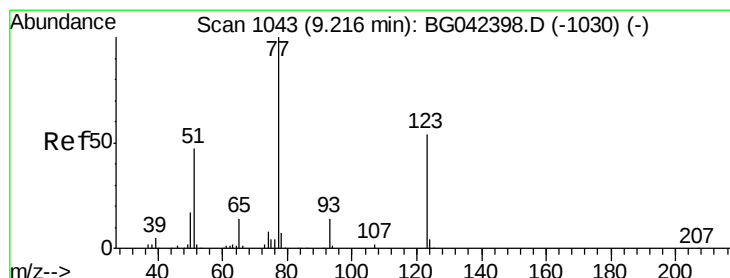
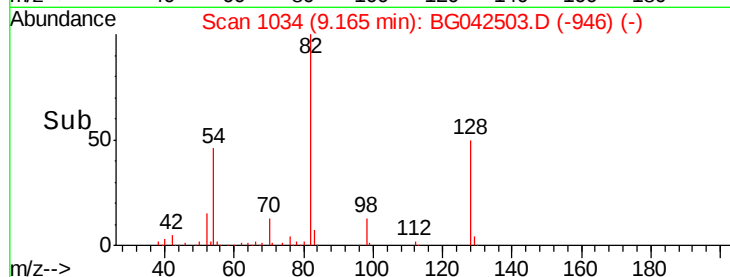
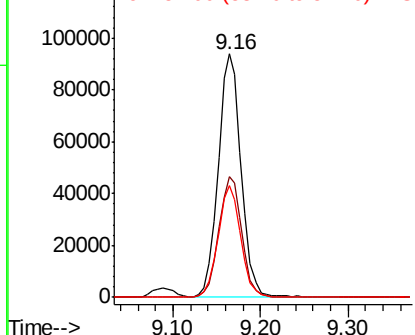
#23
 Nitrobenzene-d5
 Concen: 95.585 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.6	40.7	61.1
54	46.2	36.3	54.5

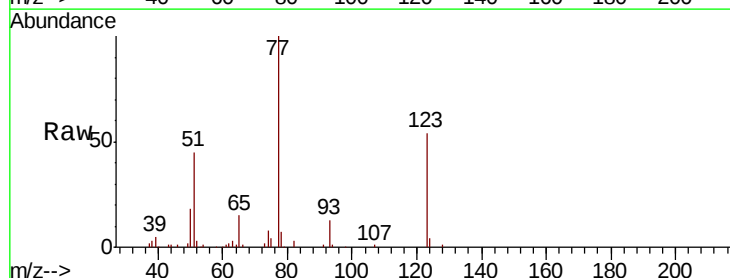


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

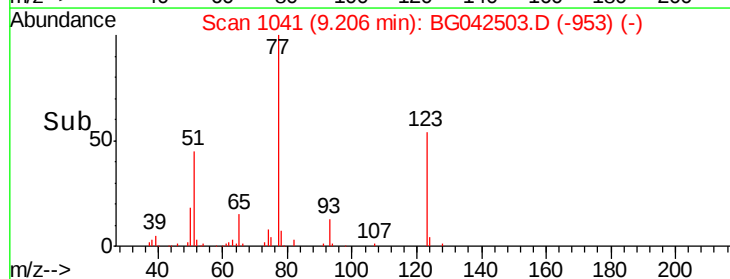
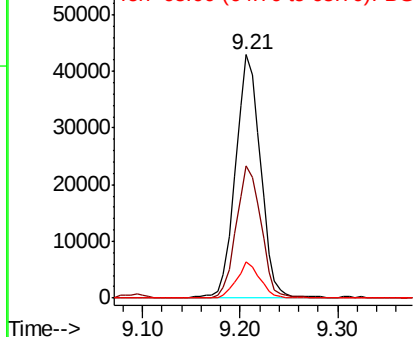


#24
 Nitrobenzene
 Concen: 42.827 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.3	43.4	65.0
65	14.7	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: 41.458 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

ClientSampleId :

TP-1(1-3)MS

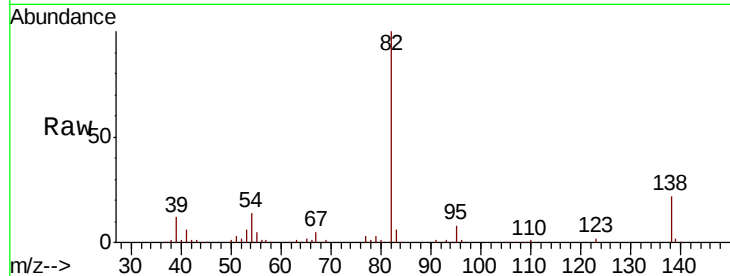
Tgt Ion: 82 Resp: 144892

Ion Ratio Lower Upper

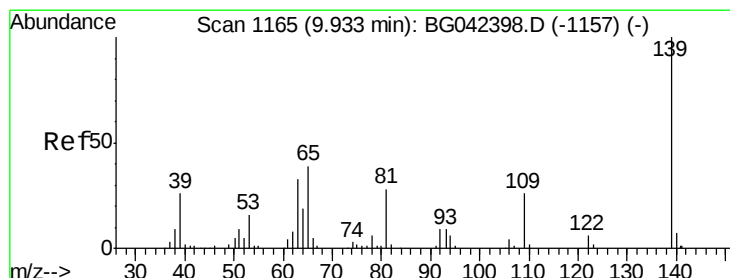
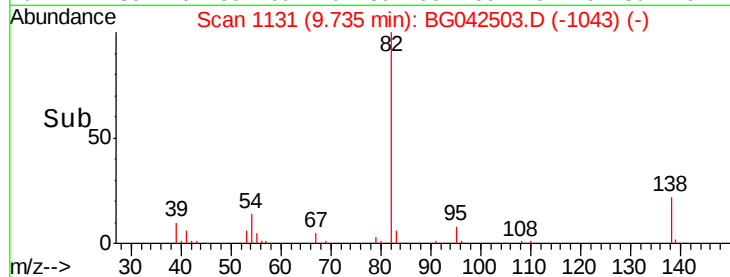
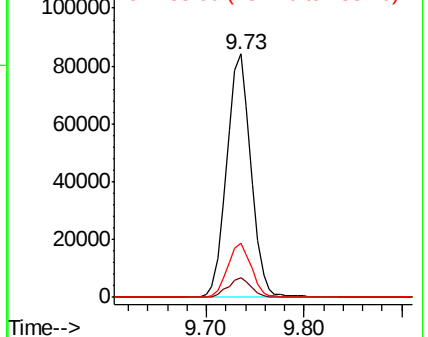
82 100

95 8.0 6.6 9.8

138 22.0 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: 43.345 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

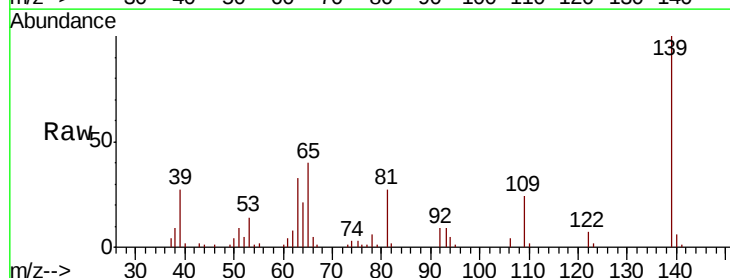
Tgt Ion: 139 Resp: 48710

Ion Ratio Lower Upper

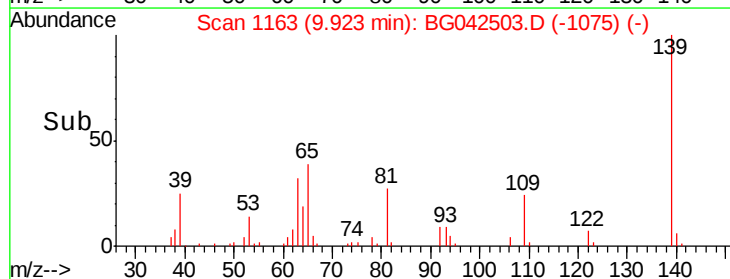
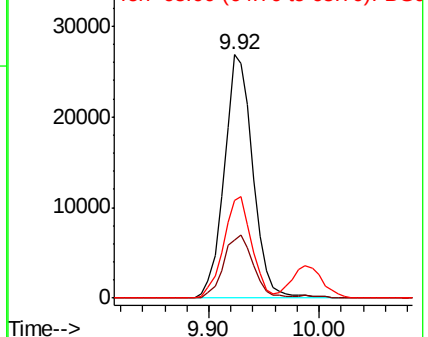
139 100

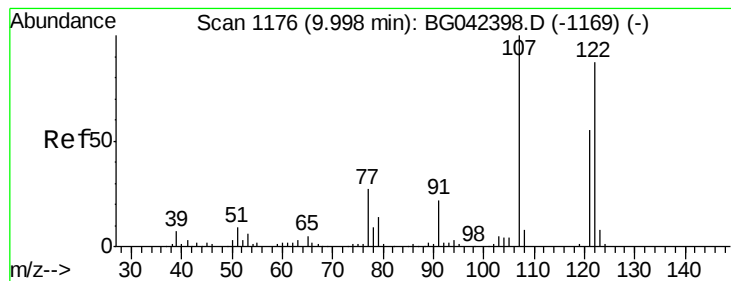
109 23.9 20.5 30.7

65 40.2 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: 48.755 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

ClientSampleId :

TP-1(1-3)MS

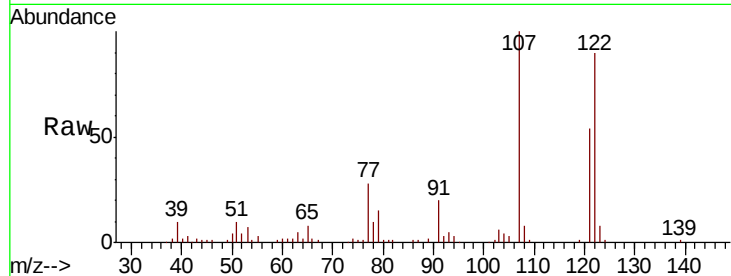
Tgt Ion:122 Resp: 75474

Ion Ratio Lower Upper

122 100

107 110.6 90.8 136.2

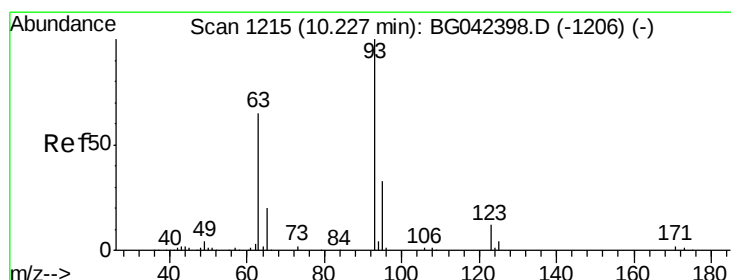
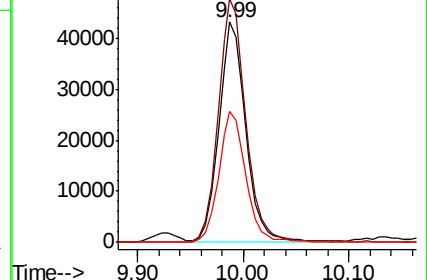
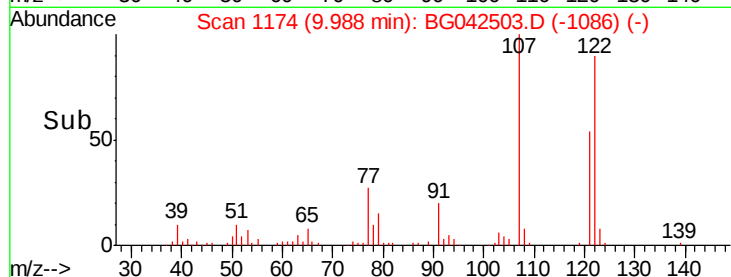
121 59.3 49.6 74.4



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: 41.752 ng

RT: 10.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

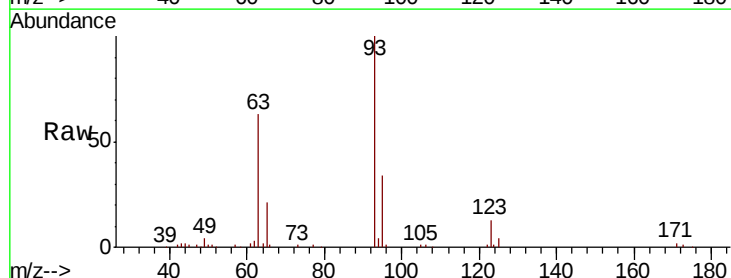
Tgt Ion: 93 Resp: 91969

Ion Ratio Lower Upper

93 100

95 33.7 26.6 40.0

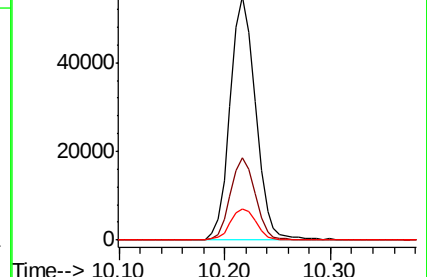
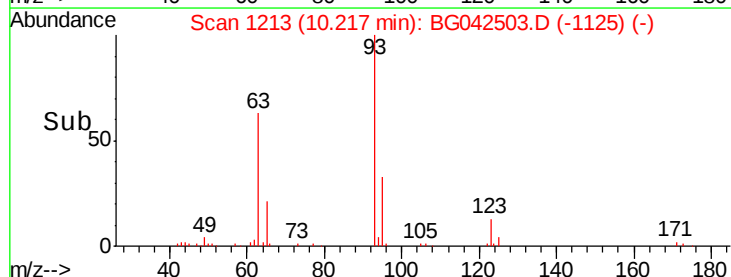
123 12.6 10.1 15.1

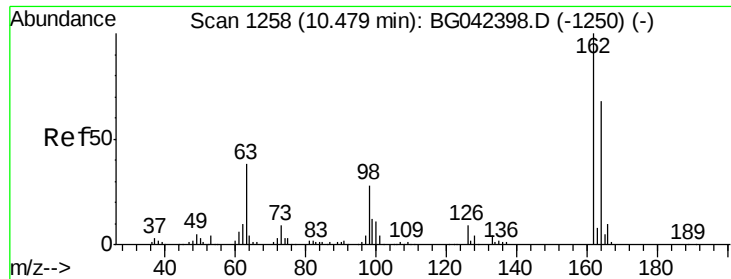


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

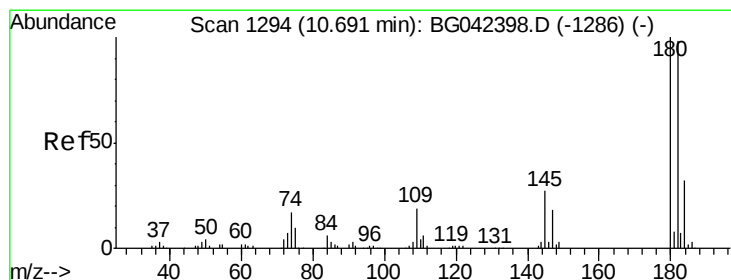
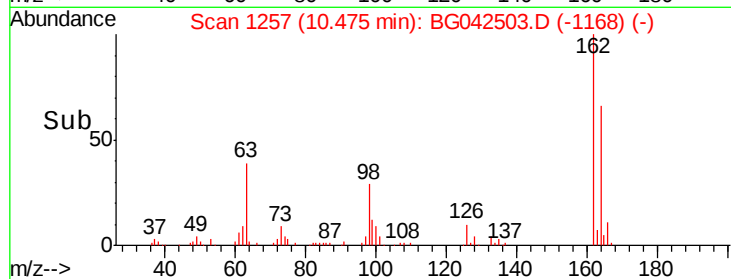
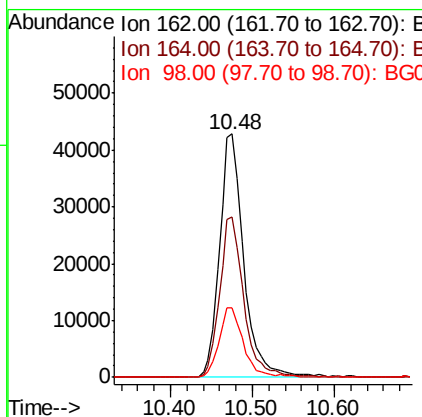
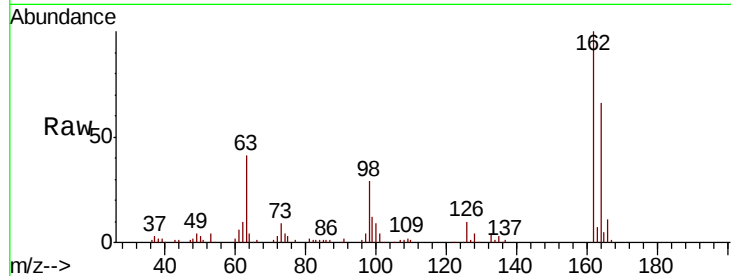




#29
 2,4-Dichlorophenol
 Concen: 43.639 ng
 RT: 10.48 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

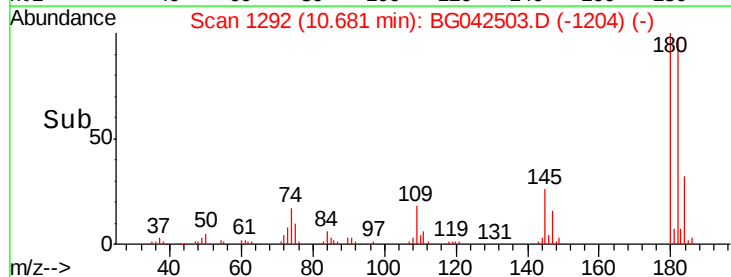
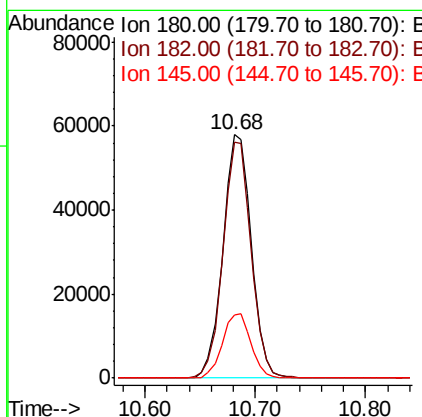
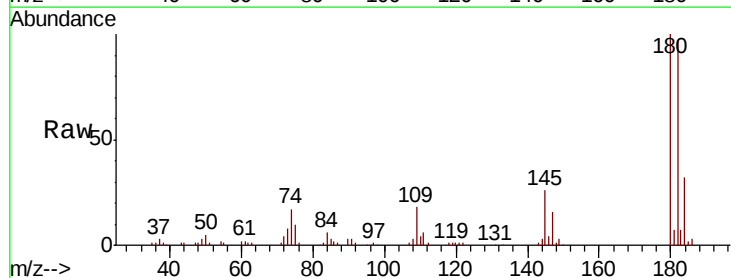
Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

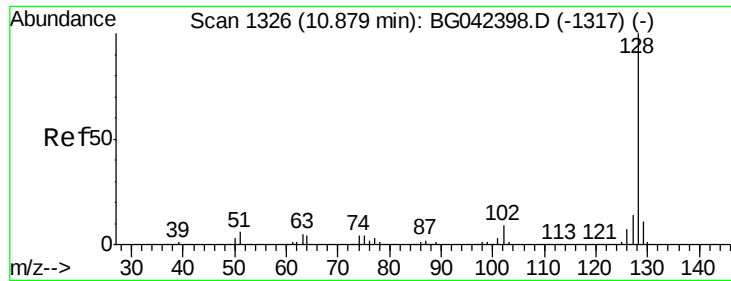
Tgt Ion	Resp	Lower	Upper
162	100		
164	65.9	48.1	88.1
98	28.8	7.6	47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 41.786 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion	Resp	Lower	Upper
180	100		
182	96.9	78.7	118.1
145	25.8	21.6	32.4

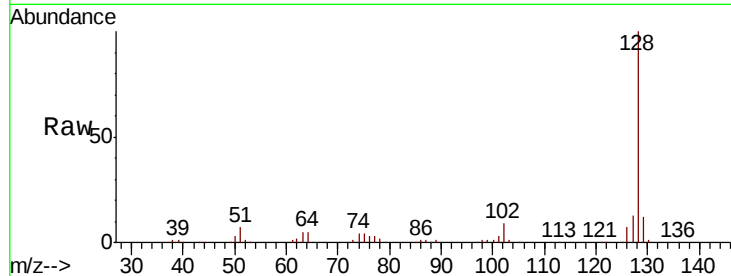




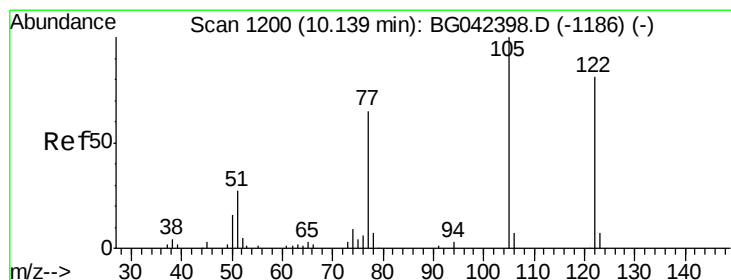
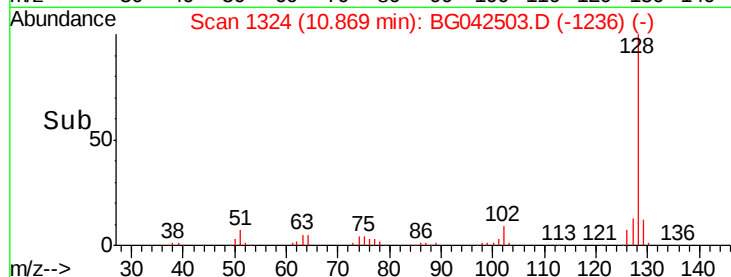
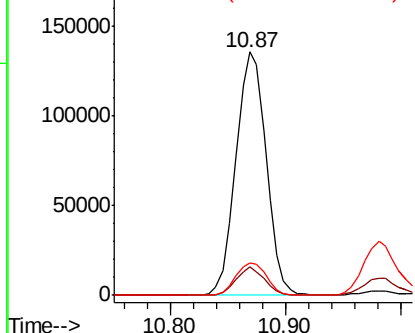
#31
Naphthalene
Concen: 43.385 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tgt Ion:128 Resp: 246496
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.5 11.4 17.0

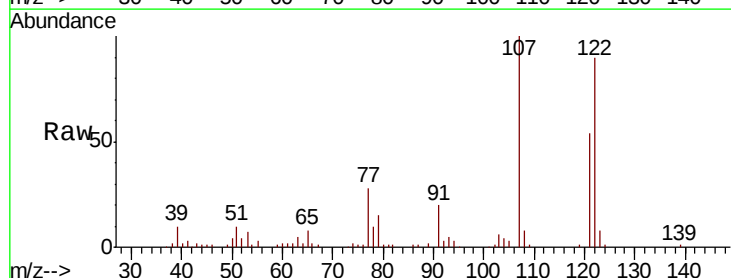


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

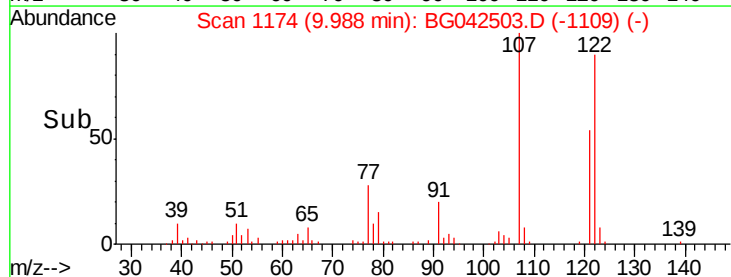
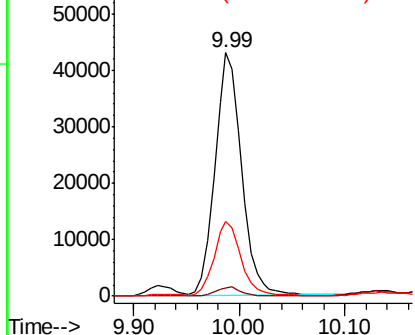


#32
Benzoic acid
Concen: 63.915 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.15 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion:122 Resp: 75474
Ion Ratio Lower Upper
122 100
105 3.6 99.6 139.6#
77 30.8 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): BG

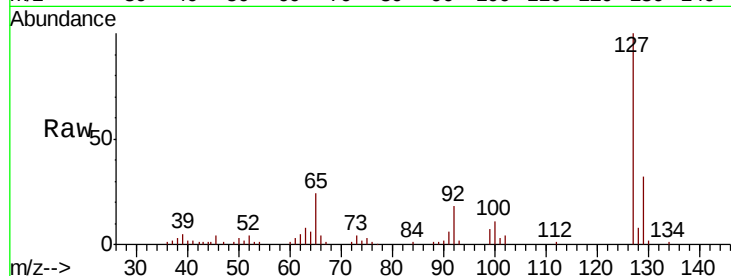




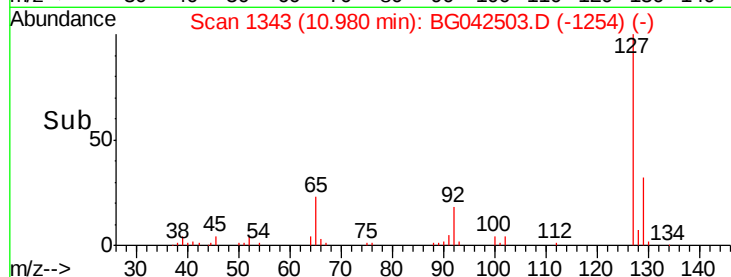
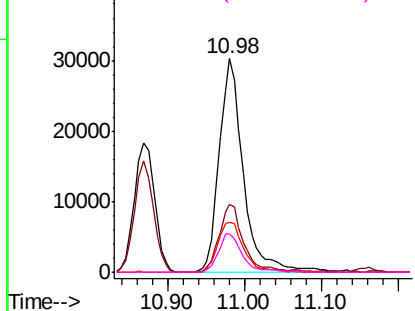
#33
4-Chloroaniline
Concen: 25.124 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tgt Ion:	127	Resp:	65894
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.8	40.2
65	23.5	20.7	31.1
92	17.9	13.6	20.4

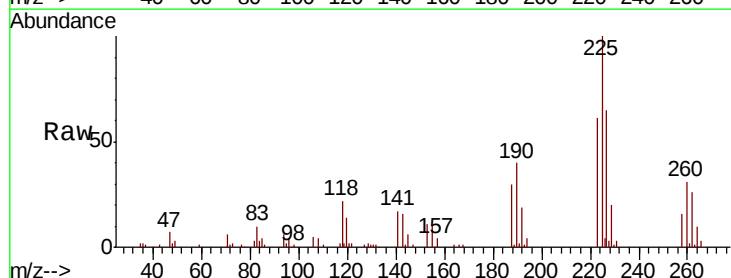


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

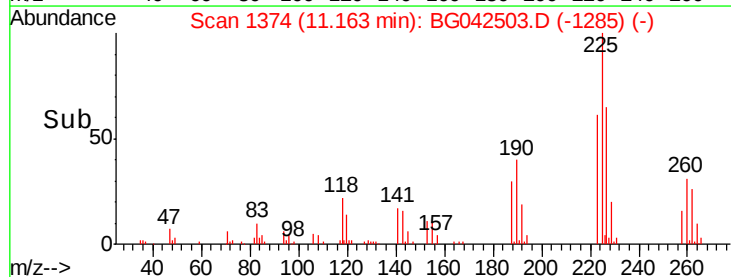
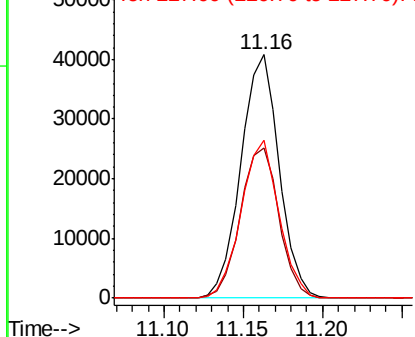


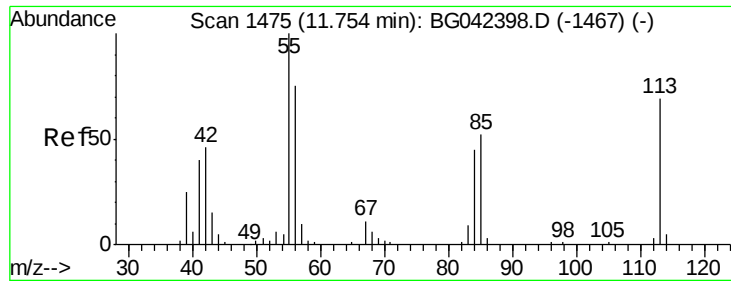
#34
Hexachlorobutadiene
Concen: 40.879 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion:	225	Resp:	68298
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.8	74.6
227	65.1	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

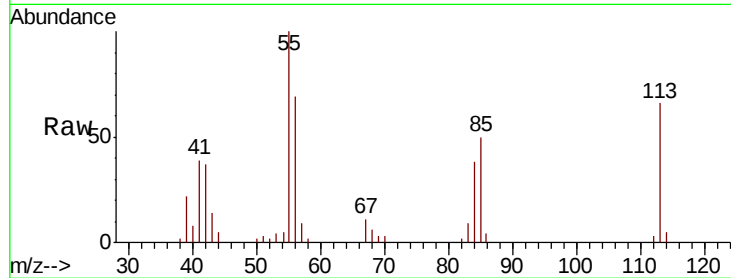




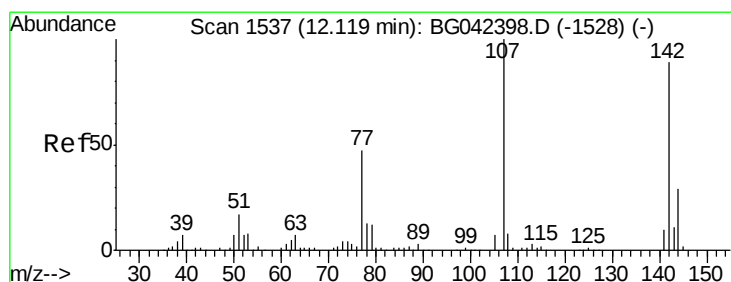
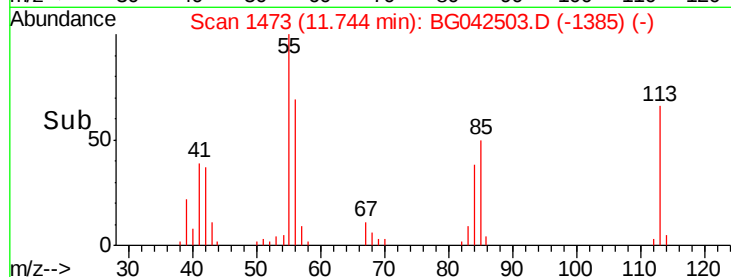
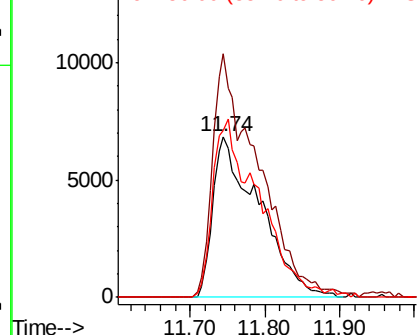
#35
 Caprolactam
 Concen: 43.394 ng
 RT: 11.74 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tgt Ion:113 Resp: 29326
 Ion Ratio Lower Upper
 113 100
 55 151.8 124.6 164.6
 56 104.2 88.3 128.3

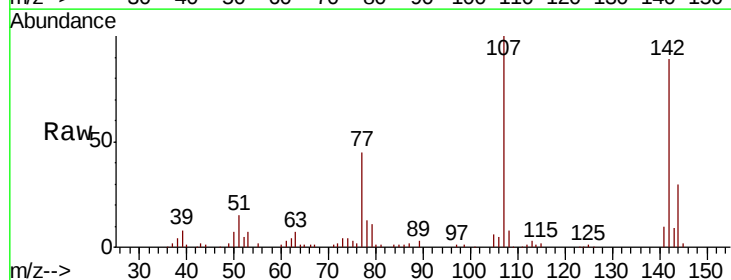


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

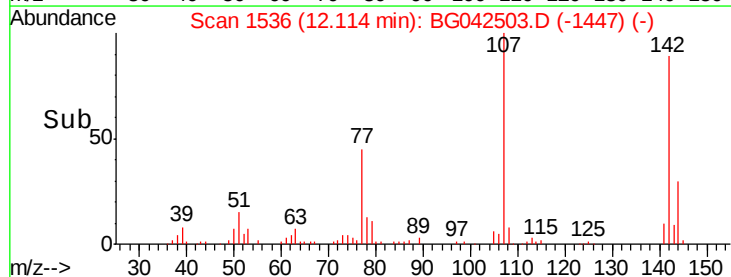
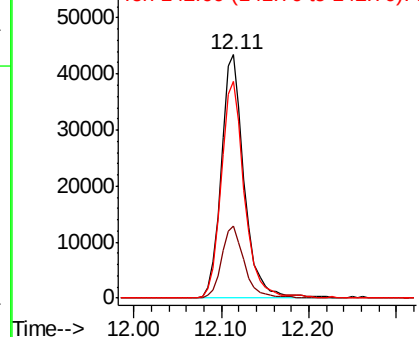


#36
 4-Chloro-3-methylphenol
 Concen: 40.947 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion:107 Resp: 78727
 Ion Ratio Lower Upper
 107 100
 144 29.6 23.6 35.4
 142 88.9 71.0 106.4



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

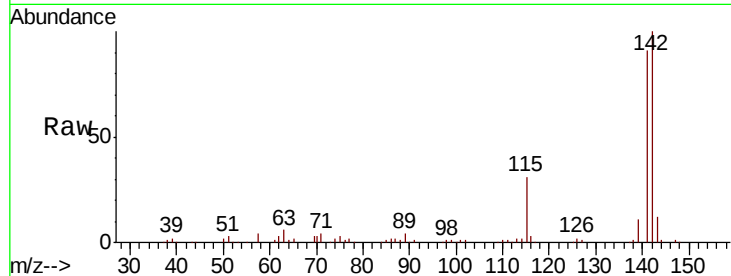




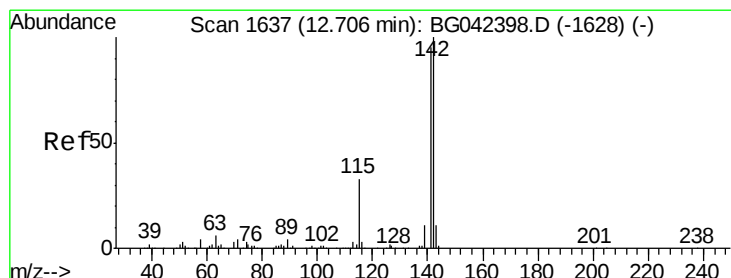
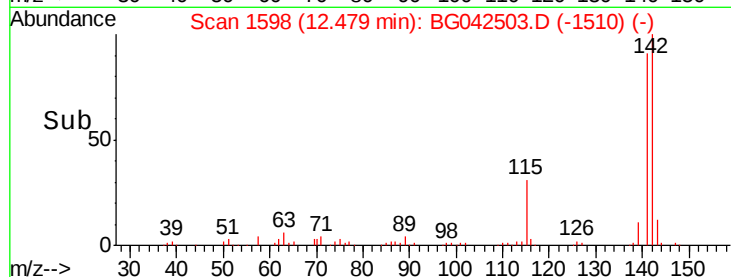
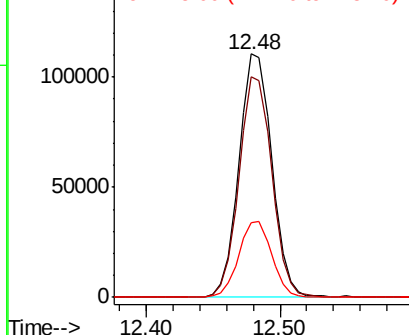
#37
2-Methylnaphthalene
Concen: 41.286 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.4	107.2
115	30.9	25.2	37.8

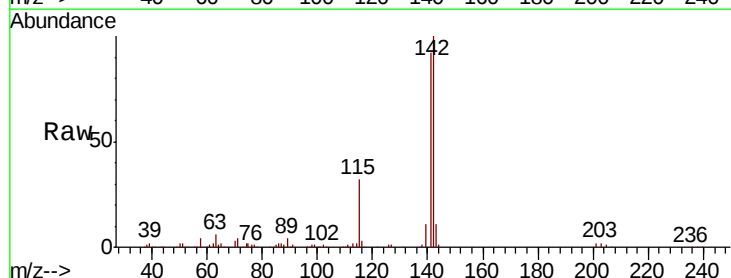


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

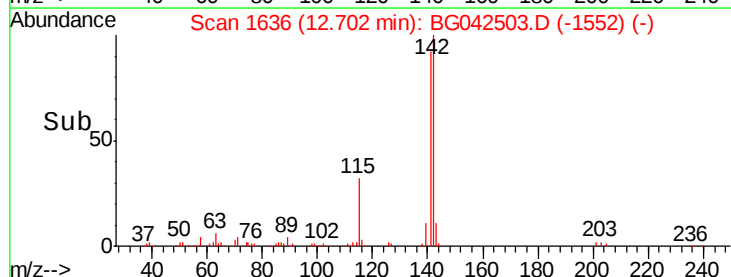
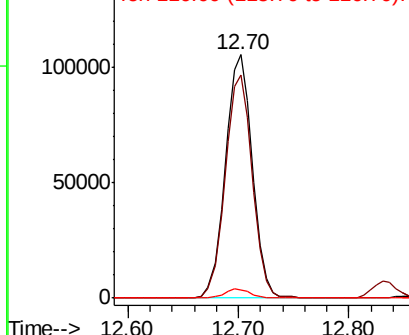


#38
1-Methylnaphthalene
Concen: 41.436 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	76.2	114.2
116	3.2	2.8	4.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

ClientSampleId :

TP-1(1-3)MS

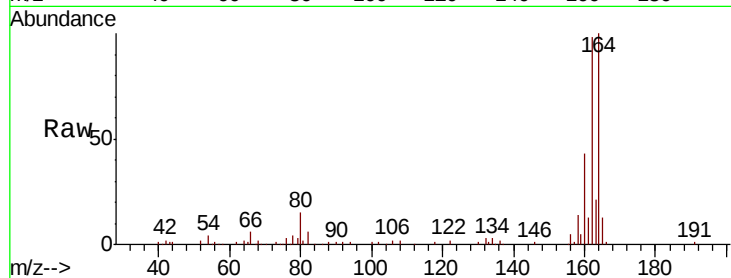
Tgt Ion:164 Resp: 81877

Ion Ratio Lower Upper

164 100

162 98.3 79.9 119.9

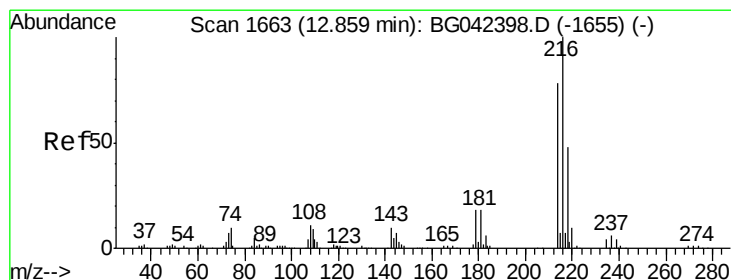
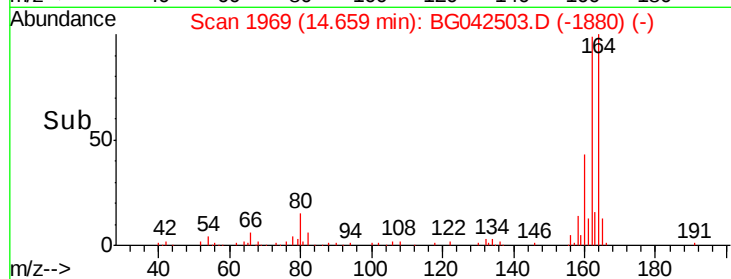
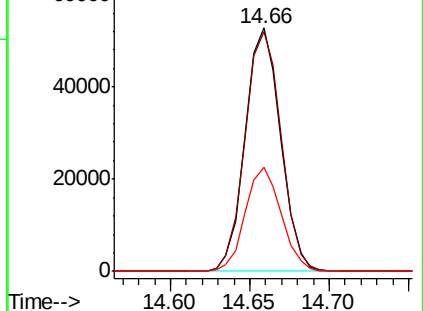
160 43.0 34.3 51.5



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: 45.366 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Tgt Ion:216 Resp: 119284

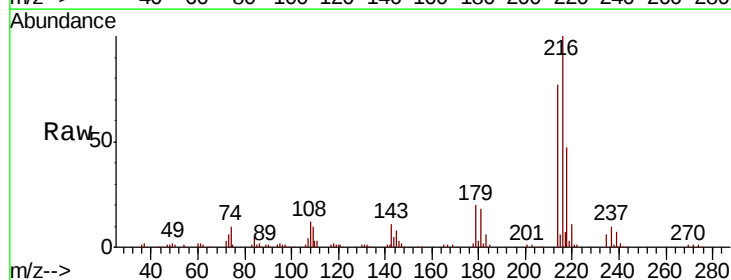
Ion Ratio Lower Upper

216 100

214 76.7 61.4 92.2

179 19.2 15.1 22.7

108 13.5 9.4 14.0

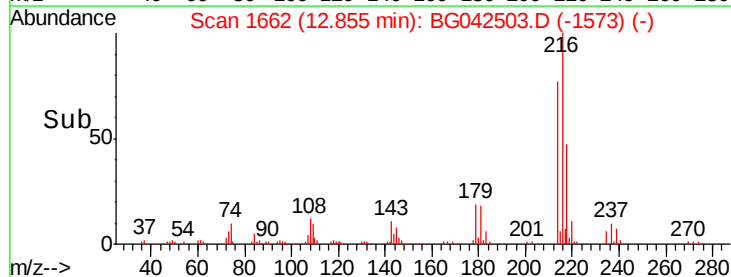
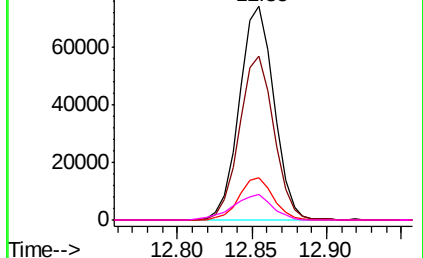


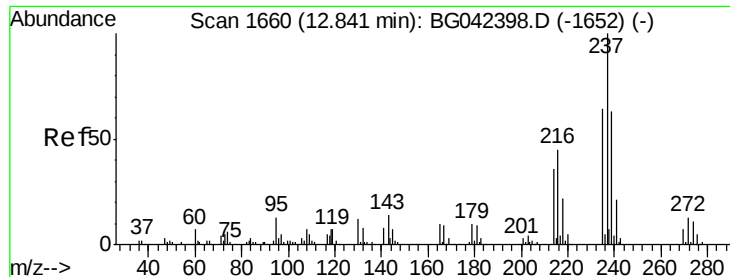
Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.749 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

ClientSampleId :

TP-1(1-3)MS

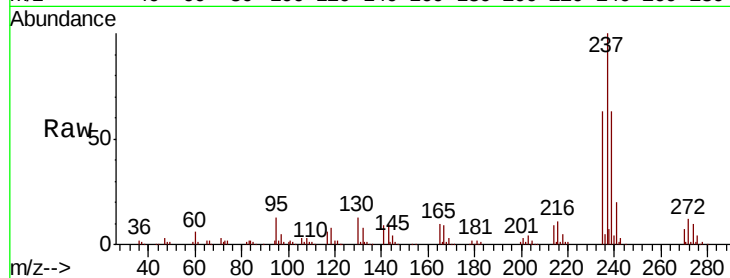
Tgt Ion:237 Resp: 125340

Ion Ratio Lower Upper

237 100

235 63.2 43.7 83.7

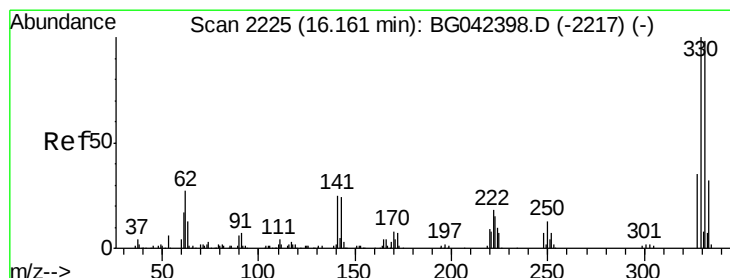
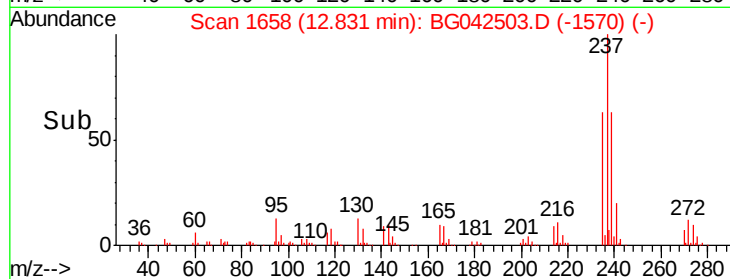
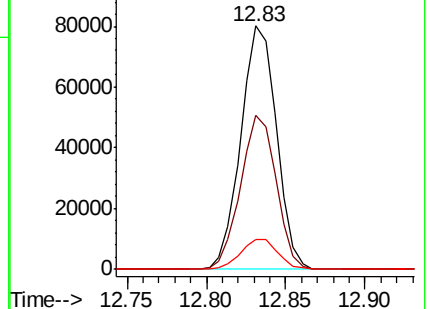
272 12.5 0.0 33.3



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: 142.419 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

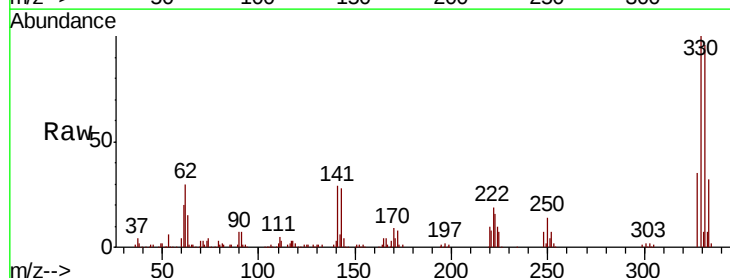
Tgt Ion:330 Resp: 165740

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

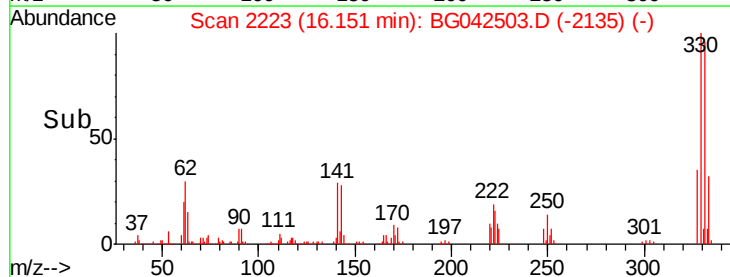
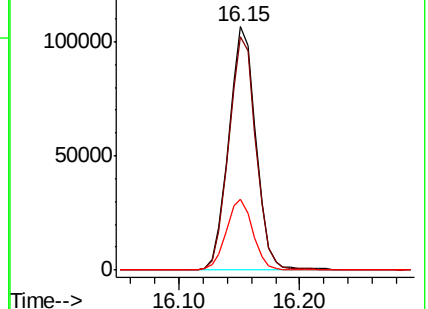
141 28.6 21.4 32.0



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

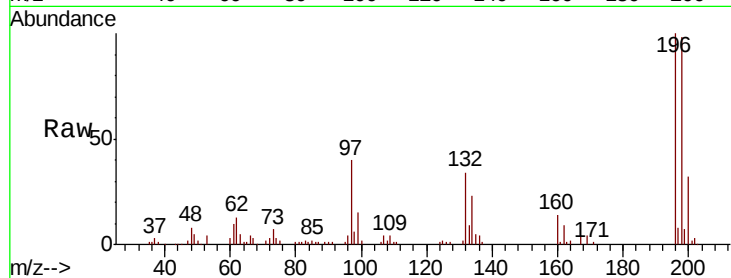




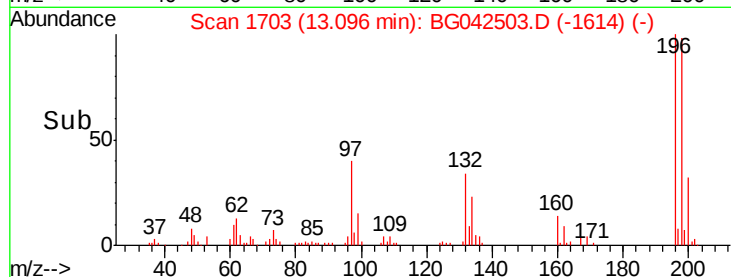
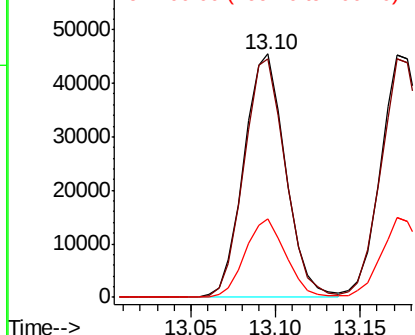
#43
 2,4,6-Trichlorophenol
 Concen: 43.823 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tgt Ion:196 Resp: 77886
 Ion Ratio Lower Upper
 196 100
 198 98.0 80.7 121.1
 200 32.0 25.7 38.5

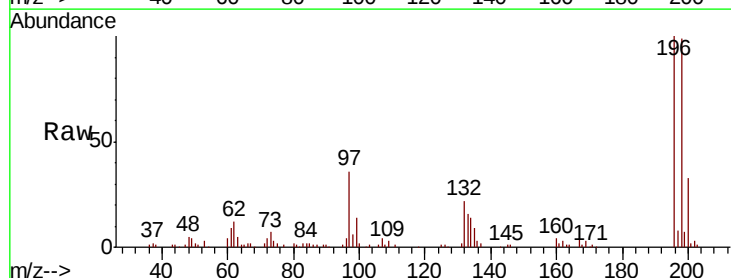


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

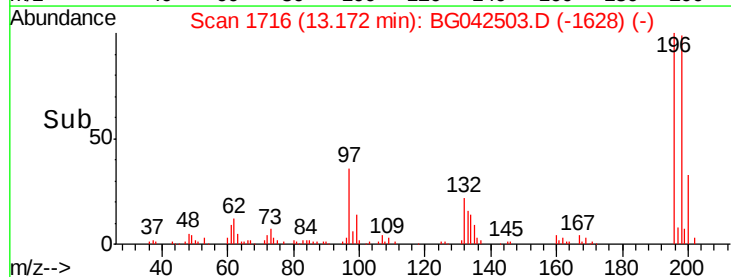
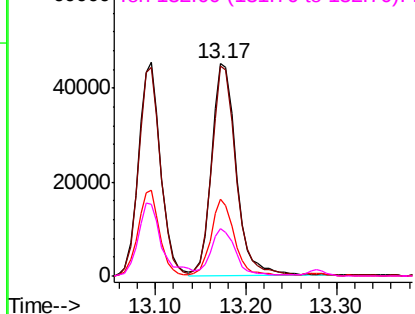


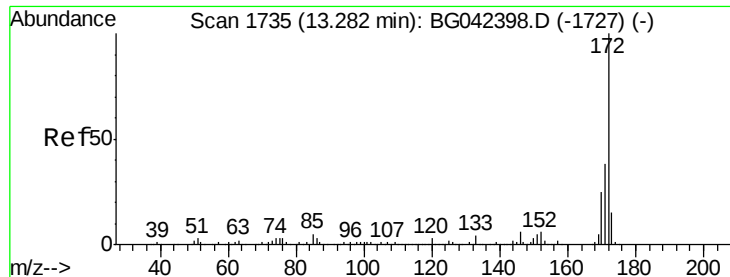
#44
 2,4,5-Trichlorophenol
 Concen: 46.219 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion:196 Resp: 85125
 Ion Ratio Lower Upper
 196 100
 198 98.9 80.2 120.4
 97 36.3 26.3 39.5
 132 22.1 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

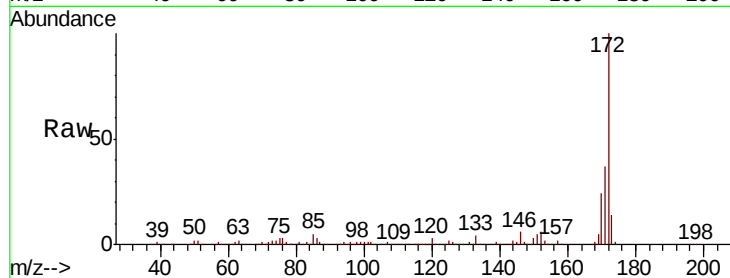




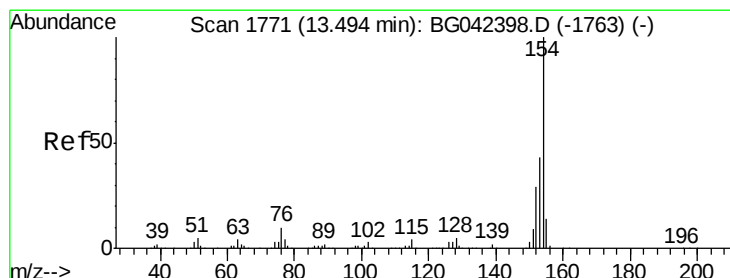
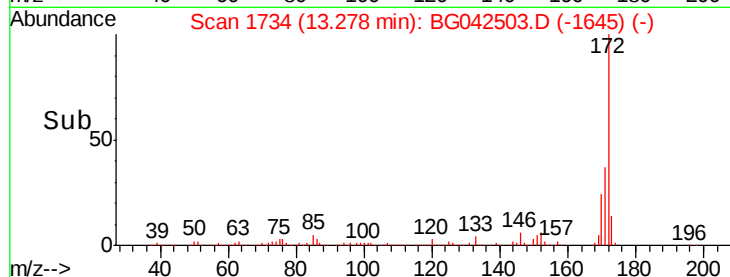
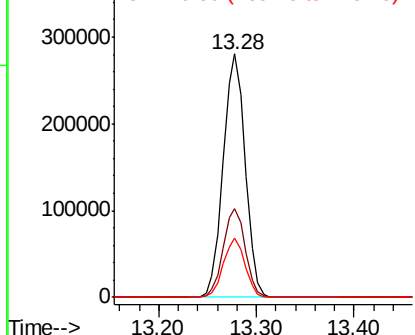
#45
 2-Fluorobiphenyl
 Concen: 90.507 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tgt Ion:172 Resp: 438153
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.5 45.7
 170 24.2 20.2 30.2

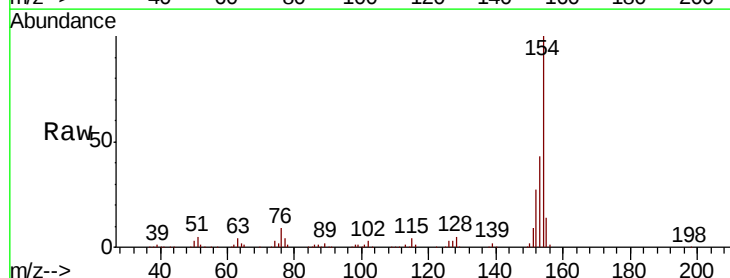


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

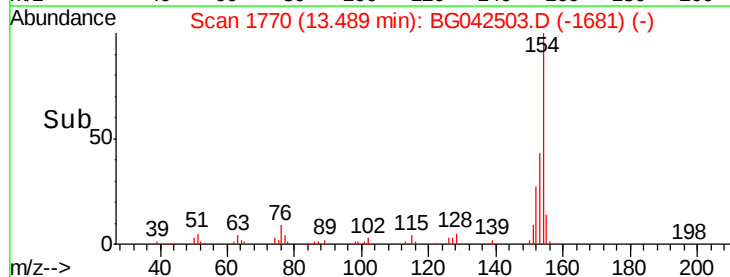
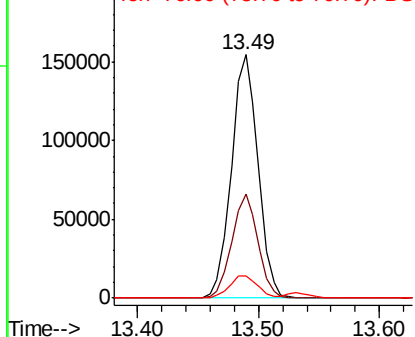


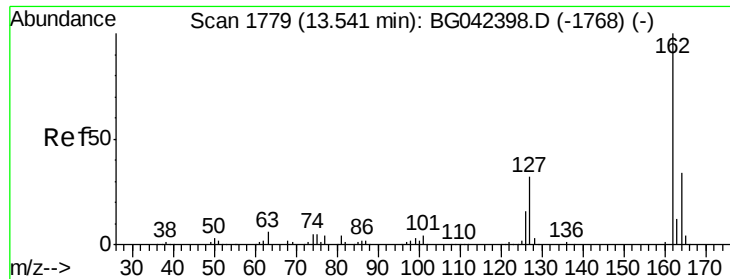
#46
 1,1'-Biphenyl
 Concen: 44.604 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion:154 Resp: 236070
 Ion Ratio Lower Upper
 154 100
 153 43.0 23.0 63.0
 76 9.2 0.0 29.6



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

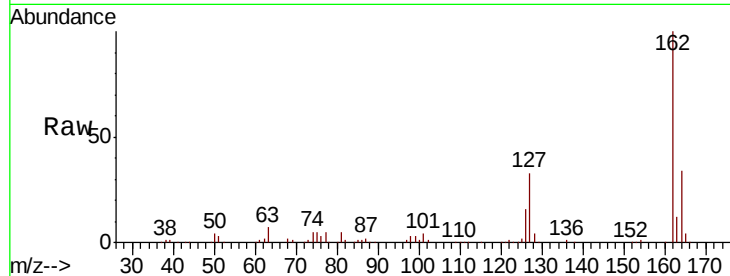




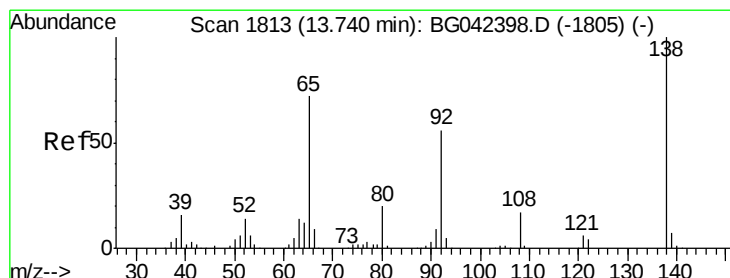
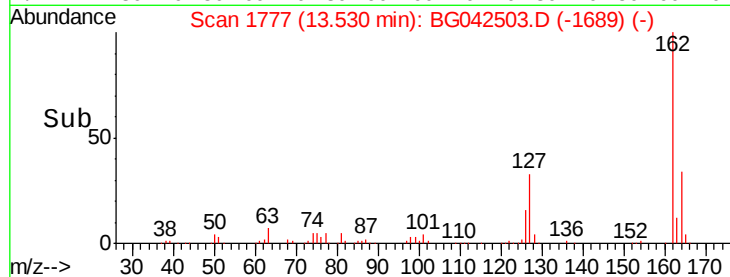
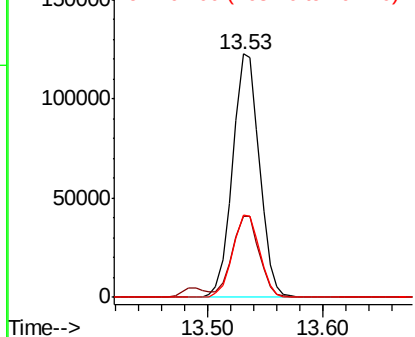
#47
 2-Chloronaphthalene
 Concen: 43.232 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tgt Ion: 162 Resp: 197295
 Ion Ratio Lower Upper
 162 100
 127 33.5 26.0 39.0
 164 33.8 27.4 41.0

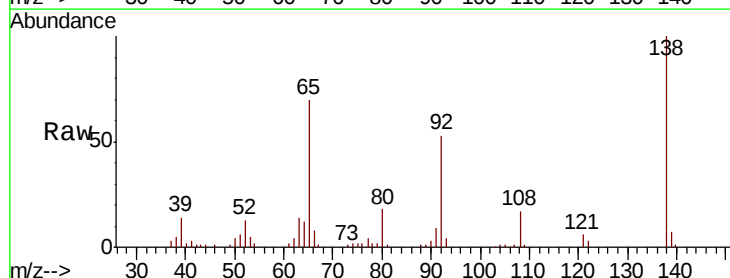


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

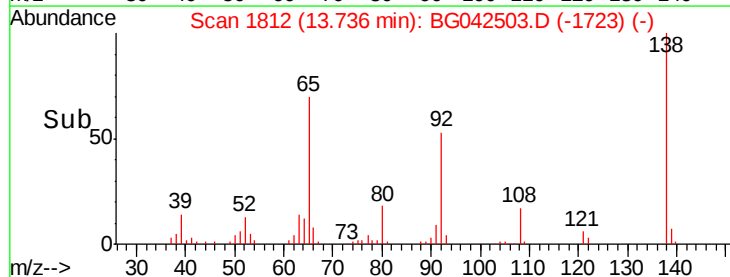
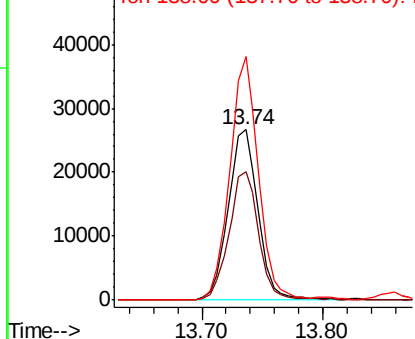


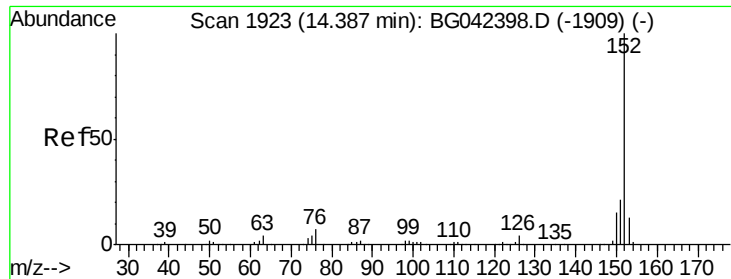
#48
 2-Nitroaniline
 Concen: 41.615 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion: 65 Resp: 45797
 Ion Ratio Lower Upper
 65 100
 92 75.4 61.8 92.6
 138 142.8 111.0 166.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.761 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

ClientSampleId :

TP-1(1-3)MS

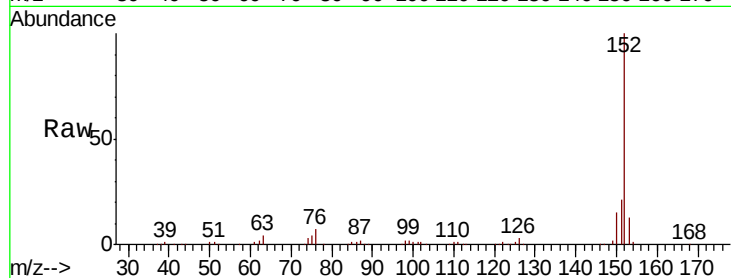
Tgt Ion:152 Resp: 307317

Ion Ratio Lower Upper

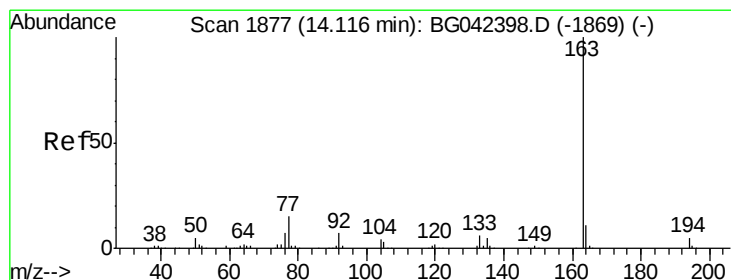
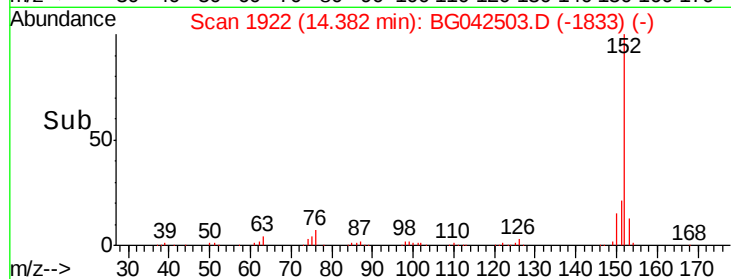
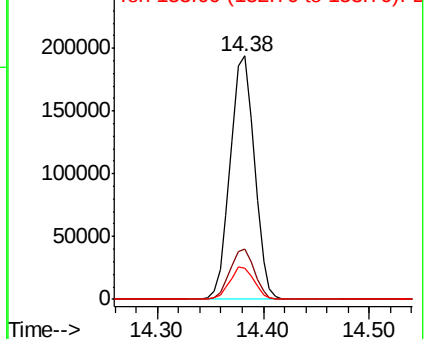
152 100

151 20.9 17.0 25.4

153 12.7 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: 48.440 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

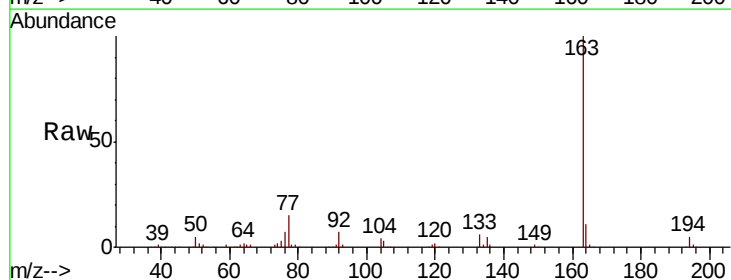
Tgt Ion:163 Resp: 286171

Ion Ratio Lower Upper

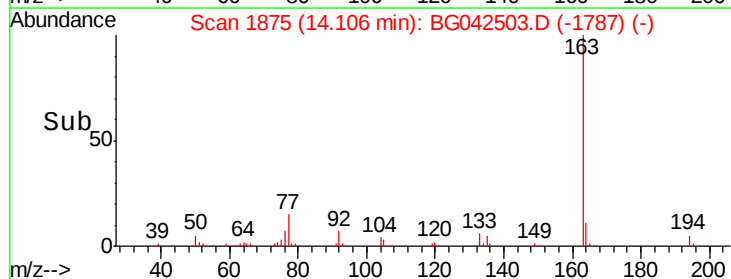
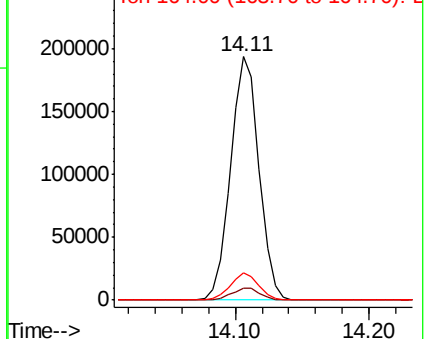
163 100

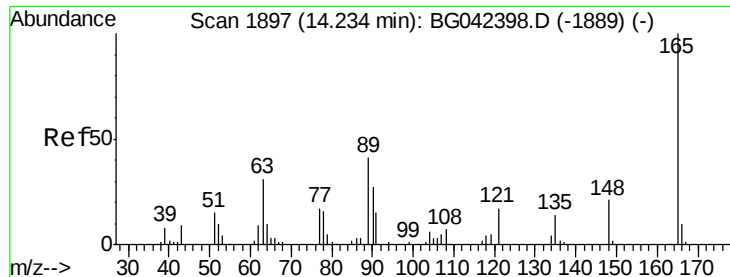
194 5.0 4.2 6.2

164 11.3 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

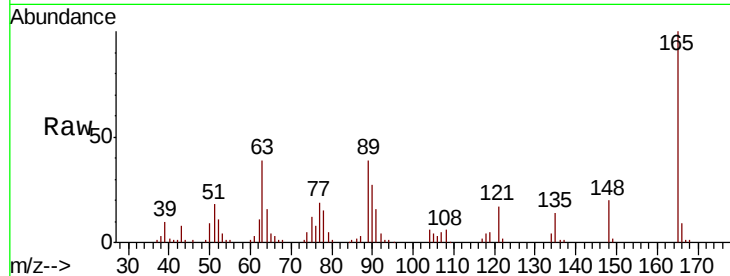




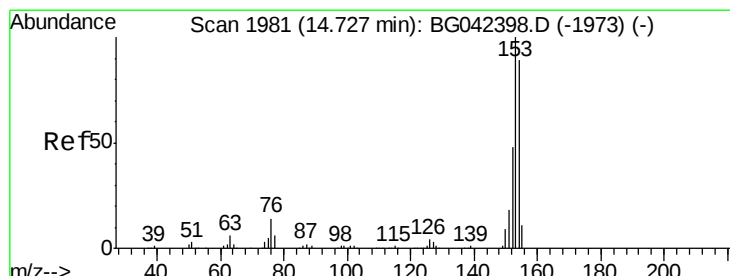
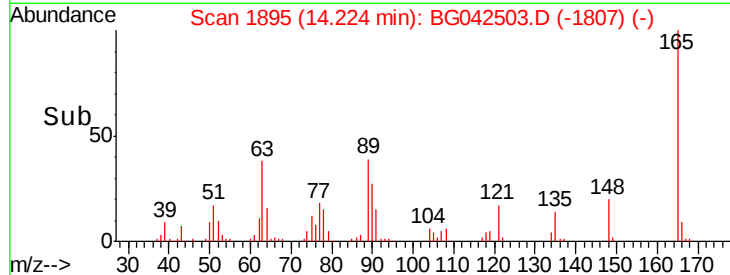
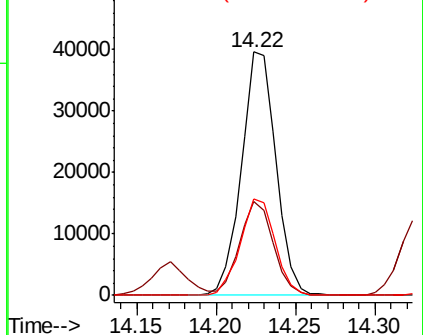
#51
 2,6-Dinitrotoluene
 Concen: 43.556 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tgt Ion:165 Resp: 59644
 Ion Ratio Lower Upper
 165 100
 63 38.5 30.6 45.8
 89 39.5 32.6 49.0

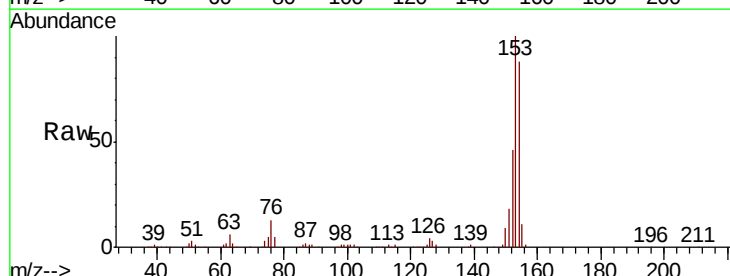


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

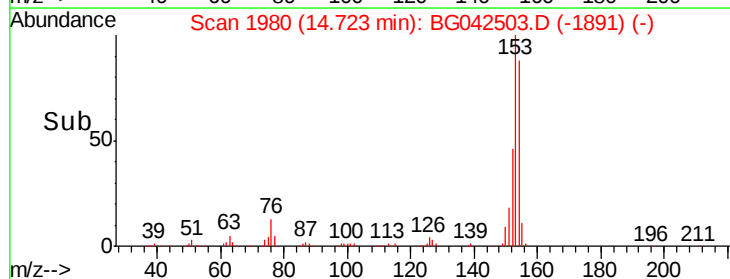
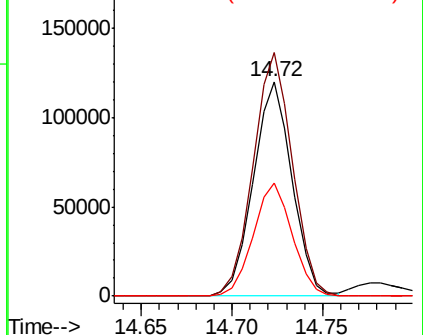


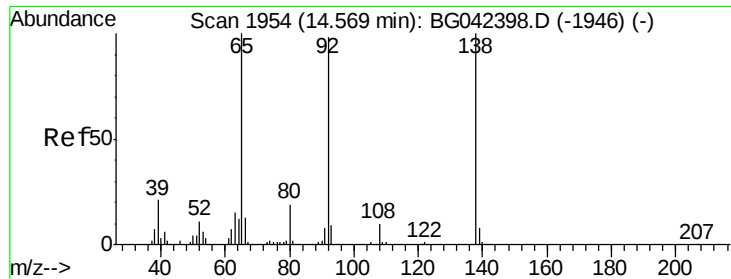
#52
 Acenaphthene
 Concen: 42.922 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion:154 Resp: 178943
 Ion Ratio Lower Upper
 154 100
 153 113.7 90.2 135.4
 152 52.6 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

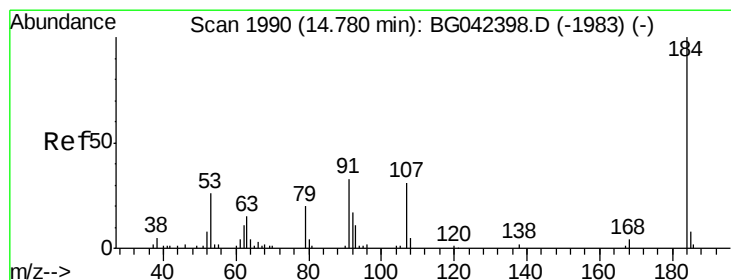
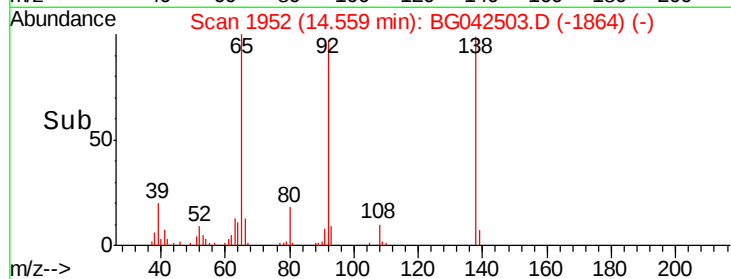
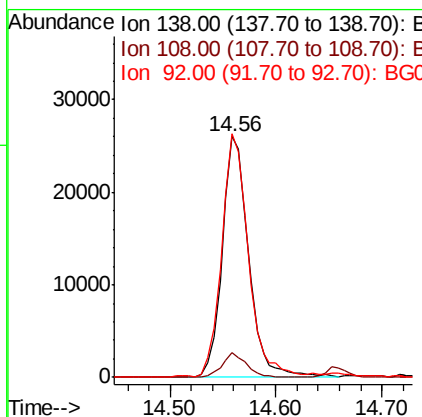
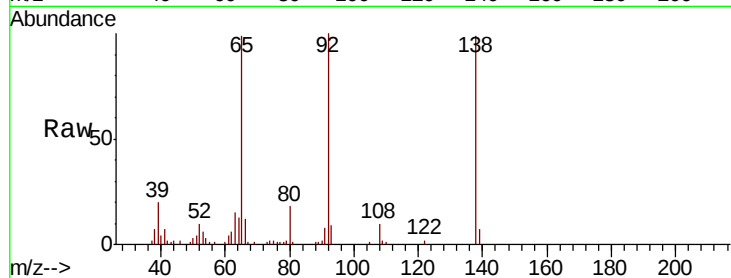




#53
 3-Nitroaniline
 Concen: 33.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

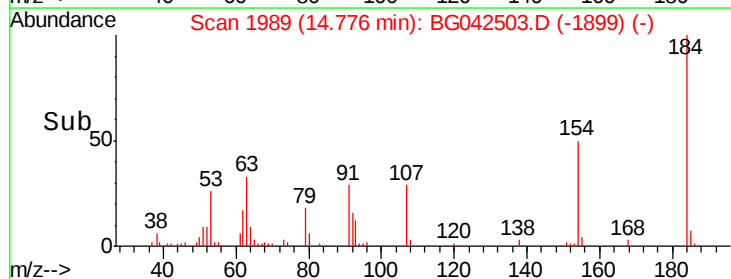
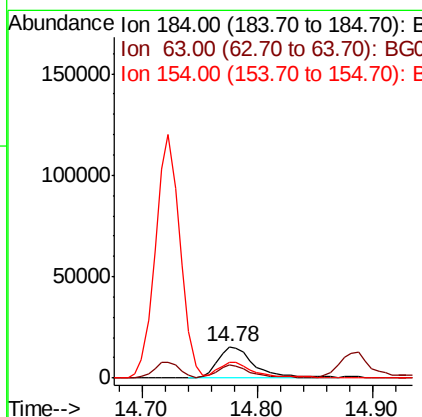
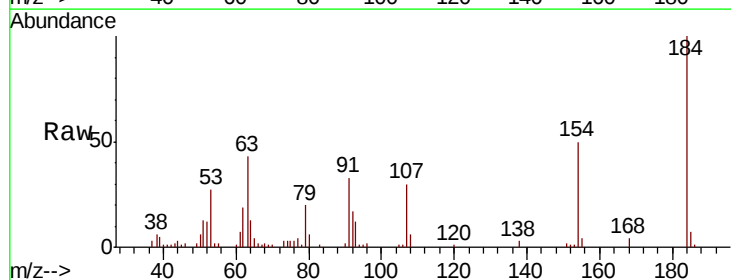
Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tgt Ion:138 Resp: 45193
 Ion Ratio Lower Upper
 138 100
 108 10.1 8.3 12.5
 92 101.1 78.2 117.4



#54
 2,4-Dinitrophenol
 Concen: 40.007 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion:184 Resp: 33795
 Ion Ratio Lower Upper
 184 100
 63 42.5 31.7 47.5
 154 49.6 42.0 63.0





#55

Dibenzenofuran

Concen: 44.426 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

ClientSampleId :

TP-1(1-3)MS

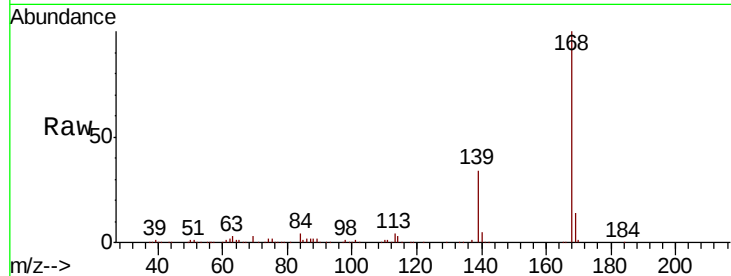
Tgt Ion:168 Resp: 306580

Ion Ratio Lower Upper

168 100

139 34.1 27.2 40.8

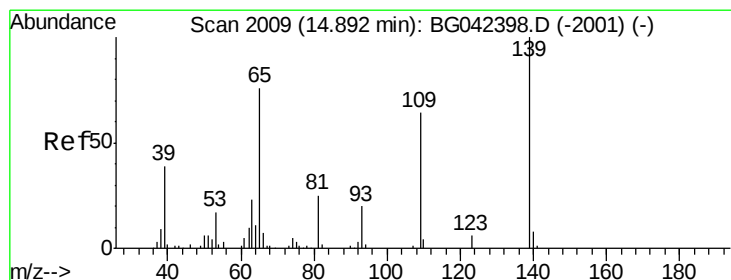
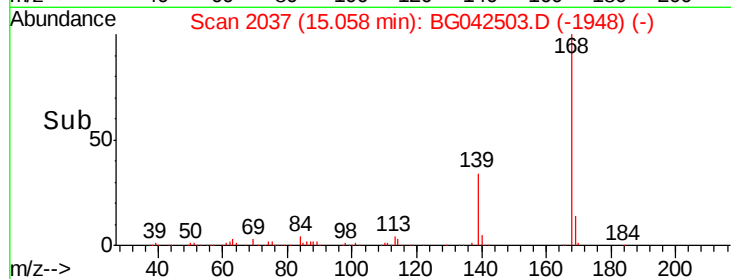
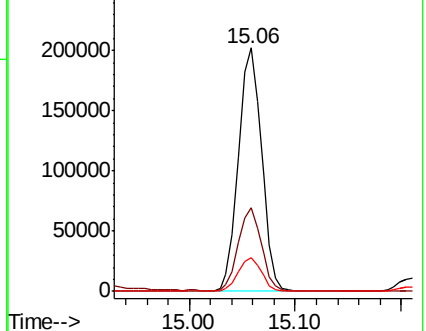
169 13.8 11.5 17.3



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: 120.808 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

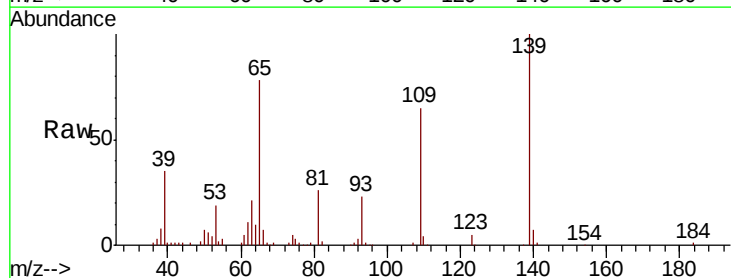
Tgt Ion:139 Resp: 117562

Ion Ratio Lower Upper

139 100

109 65.2 43.9 83.9

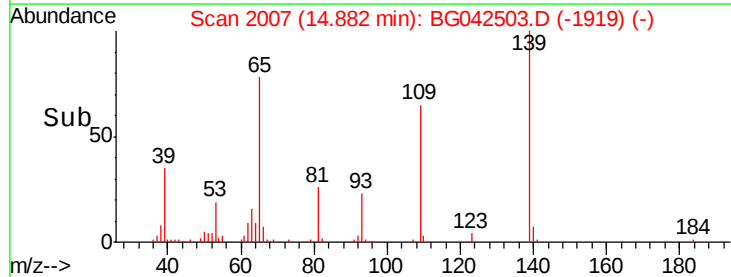
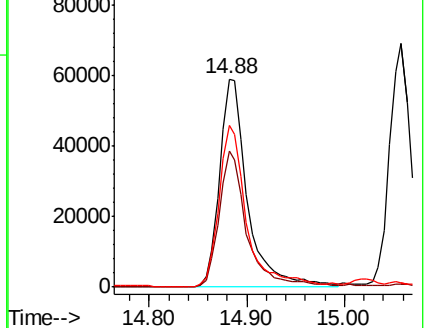
65 77.7 56.3 96.3

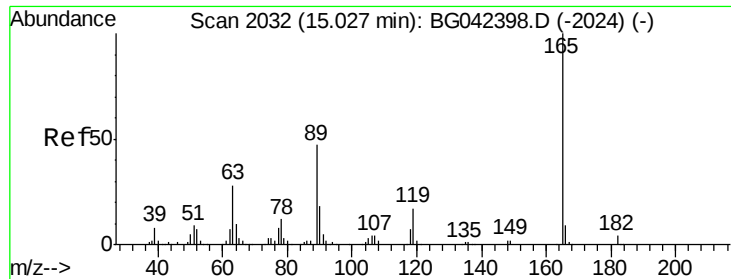


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

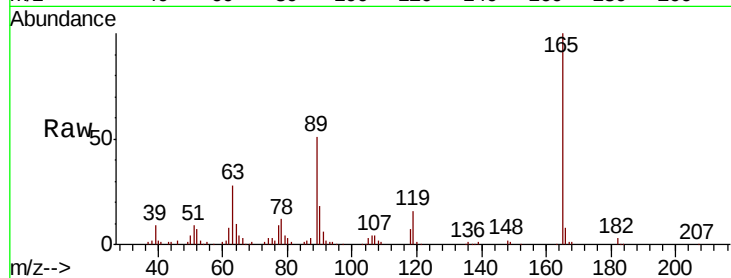




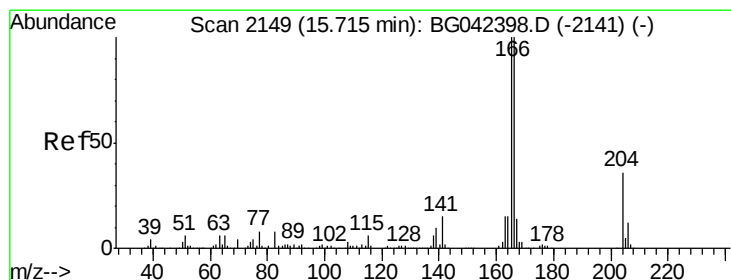
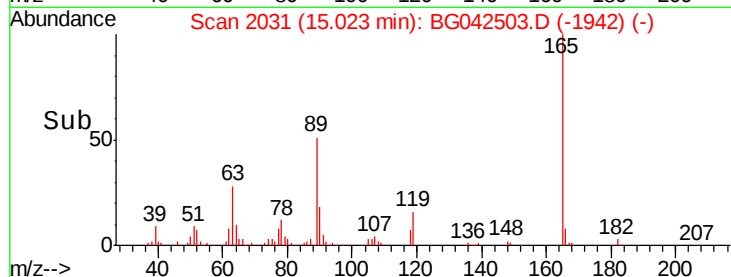
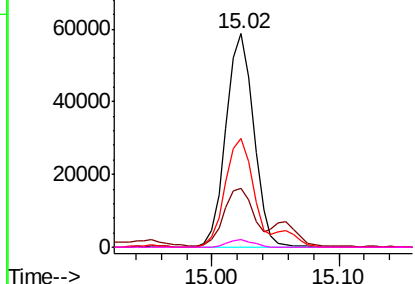
#57
 2,4-Dinitrotoluene
 Concen: 45.410 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tgt Ion:165 Resp: 89044
 Ion Ratio Lower Upper
 165 100
 63 27.7 22.5 33.7
 89 51.1 37.8 56.6
 182 3.5 3.0 4.4

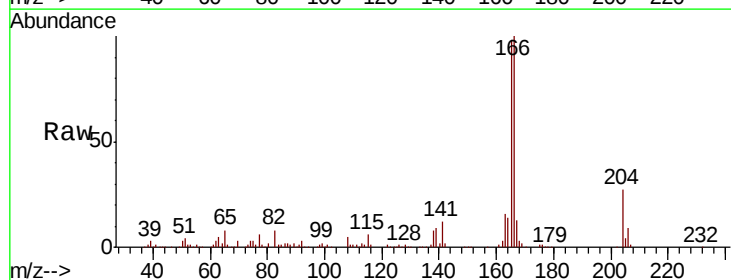


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

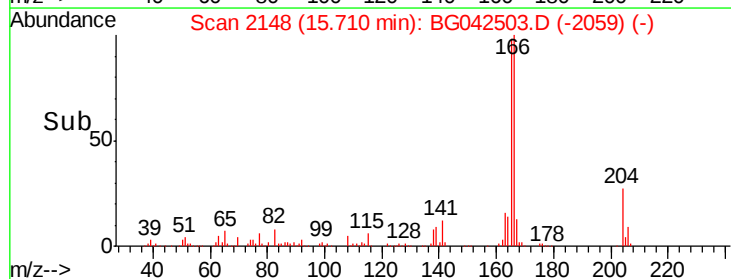
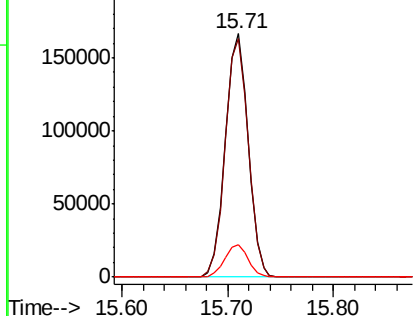


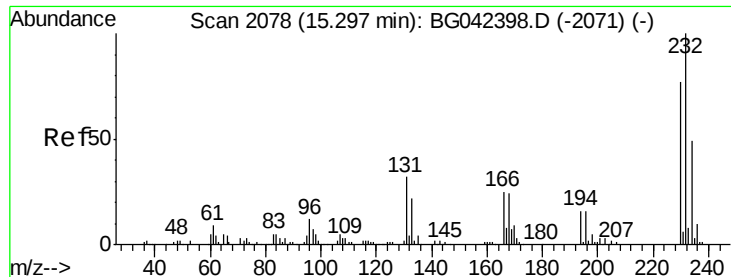
#58
 Fluorene
 Concen: 44.109 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion:166 Resp: 248827
 Ion Ratio Lower Upper
 166 100
 165 97.7 79.7 119.5
 167 13.3 10.9 16.3



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

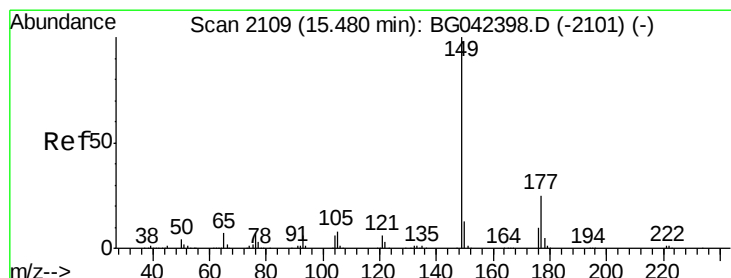
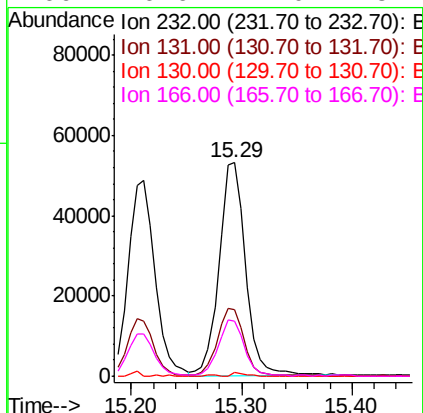
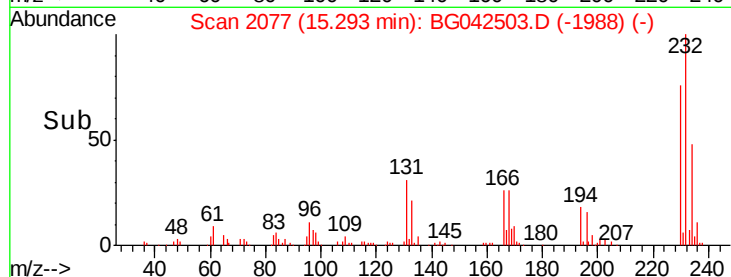
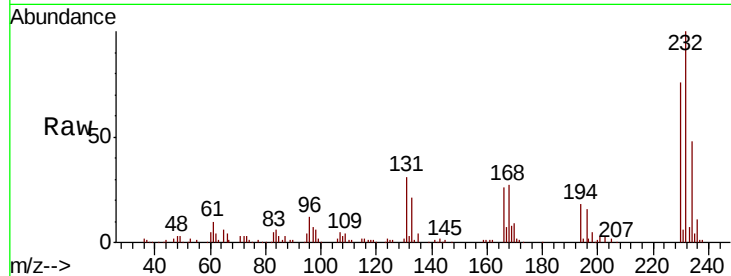




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.756 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

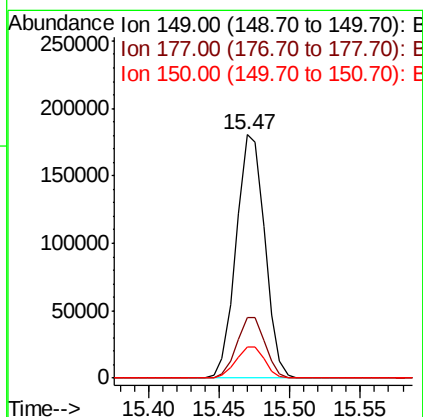
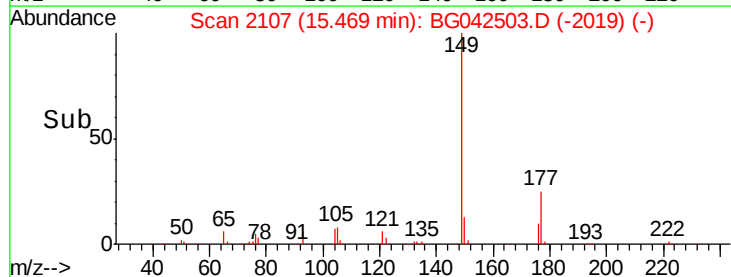
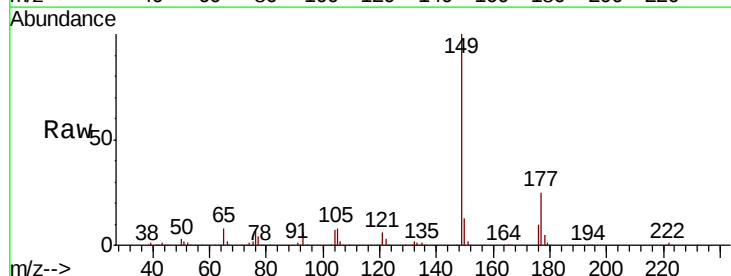
Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tgt Ion:	232	Resp:	88802
Ion	Ratio	Lower	Upper
232	100		
131	31.3	22.9	34.3
130	0.9	1.4	2.0#
166	26.6	17.0	25.4#



#60
 Diethylphthalate
 Concen: 44.281 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion:	149	Resp:	255728
Ion	Ratio	Lower	Upper
149	100		
177	25.0	20.4	30.6
150	12.6	10.3	15.5

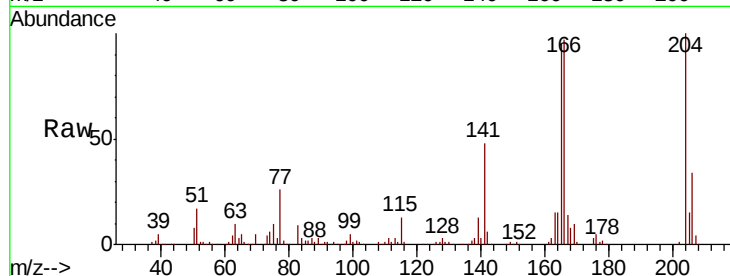




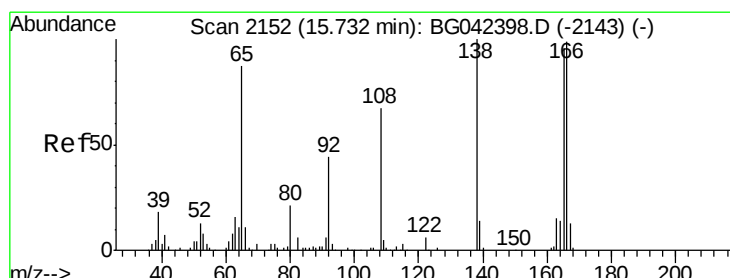
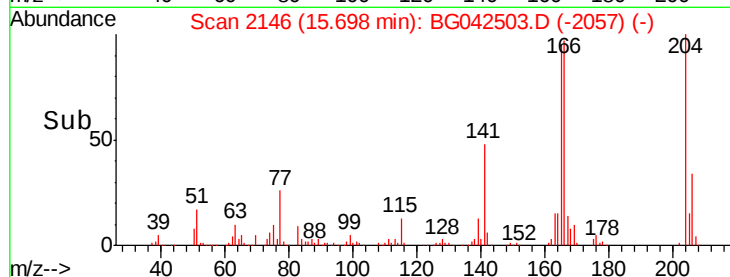
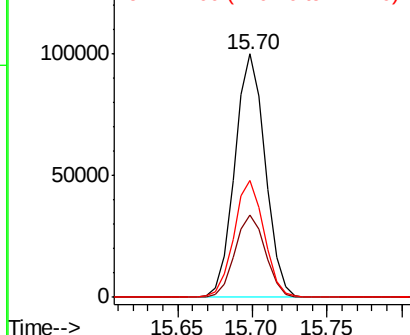
#61
 4-Chlorophenyl-phenylether
 Concen: 41.778 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tgt Ion:204 Resp: 142068
 Ion Ratio Lower Upper
 204 100
 206 33.9 27.2 40.8
 141 48.3 38.7 58.1

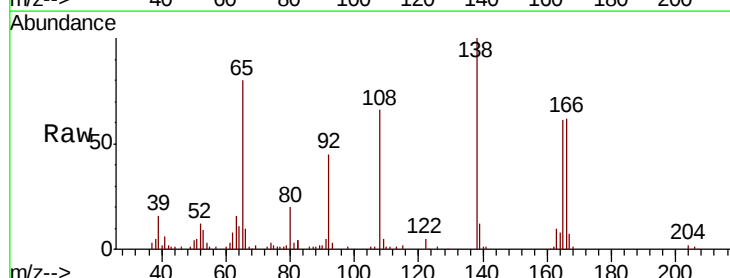


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

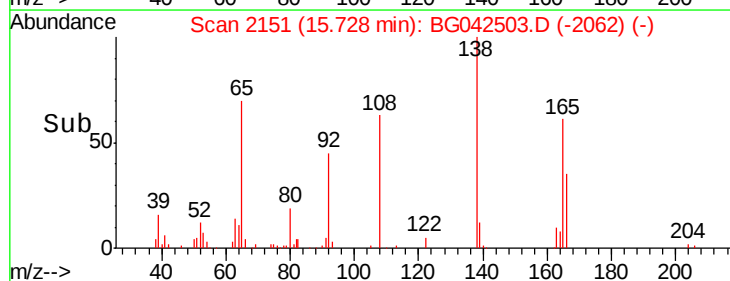
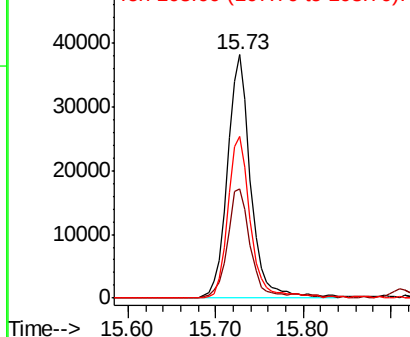


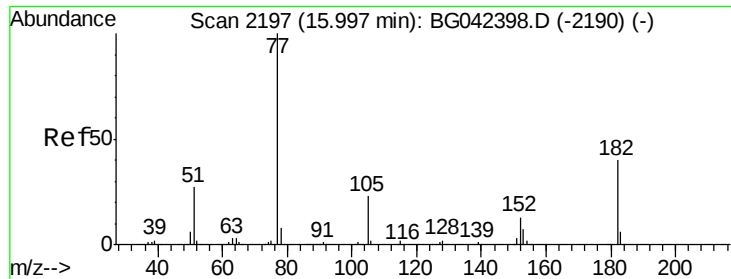
#62
 4-Nitroaniline
 Concen: 47.448 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion:138 Resp: 69545
 Ion Ratio Lower Upper
 138 100
 92 44.6 24.2 64.2
 108 66.2 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

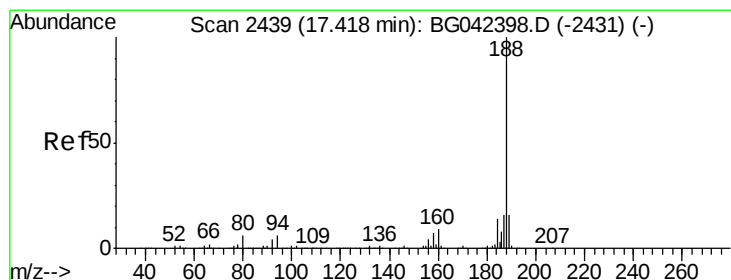
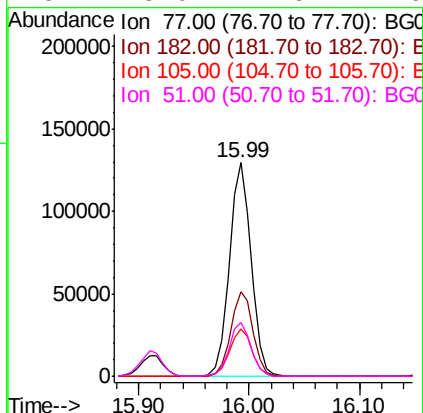
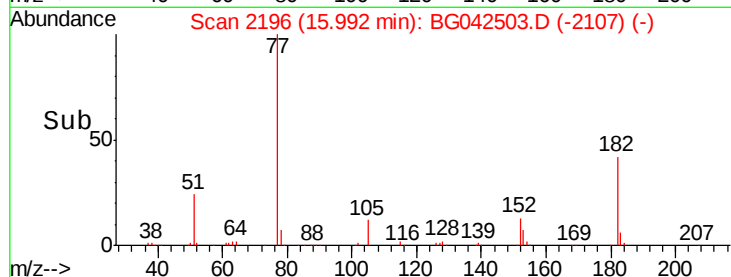
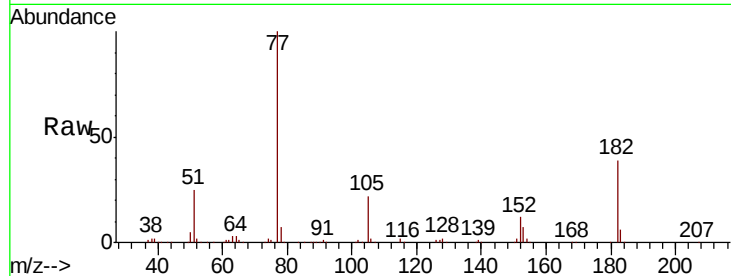




#63
Azobenzene
Concen: 45.170 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

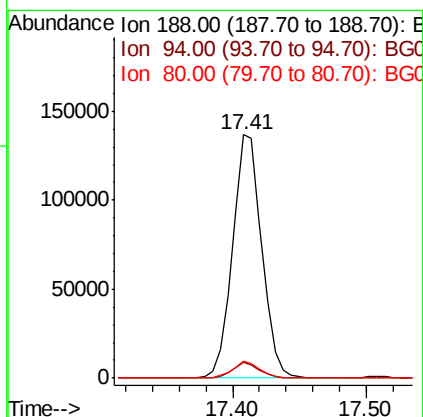
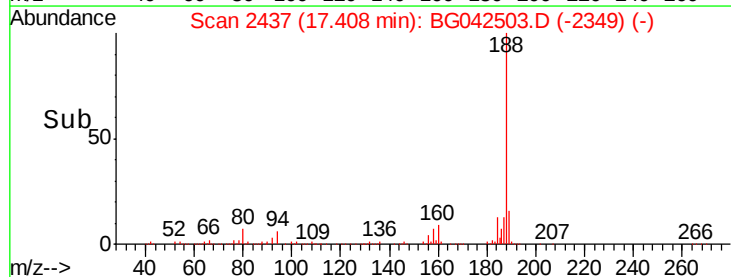
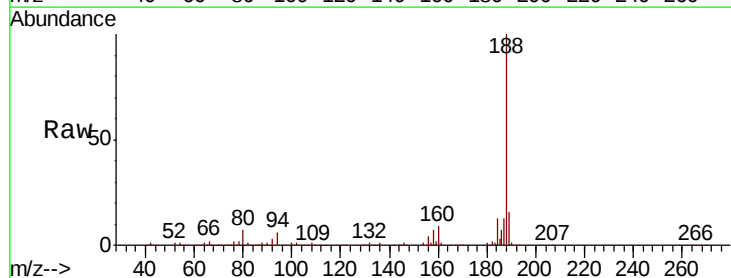
Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tgt Ion:	77	Resp:	178750
Ion	Ratio	Lower	Upper
77	100		
182	39.4	19.9	59.9
105	22.4	2.9	42.9
51	25.0	7.6	47.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion:	188	Resp:	206860
Ion	Ratio	Lower	Upper
188	100		
94	6.4	4.5	6.7
80	7.0	4.9	7.3





#65

4,6-Dinitro-2-methylphenol

Concen: 35.286 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

ClientSampleId :

TP-1(1-3)MS

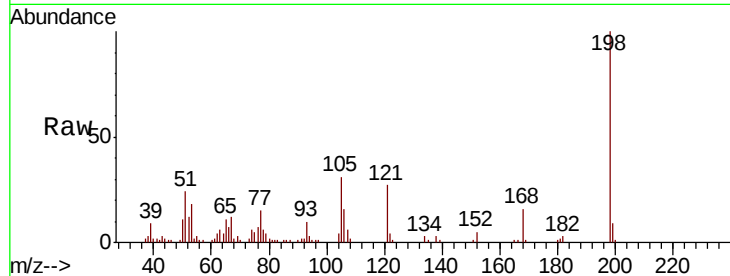
Tgt Ion:198 Resp: 45763

Ion Ratio Lower Upper

198 100

51 23.6 4.2 44.2

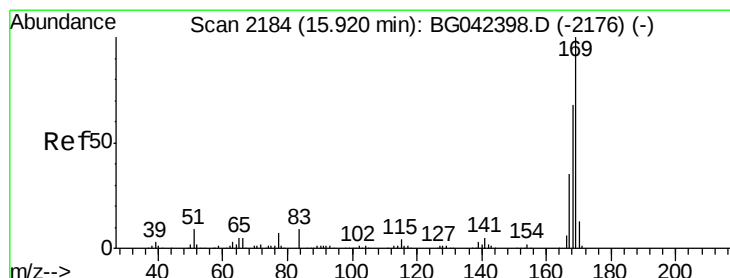
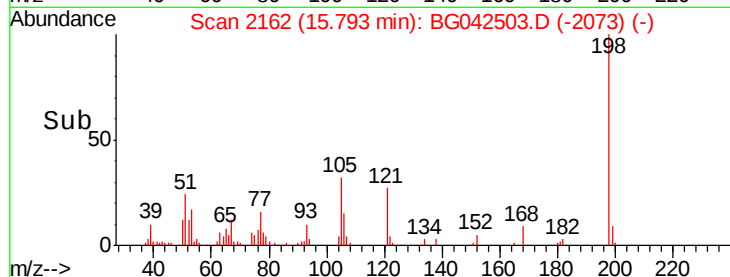
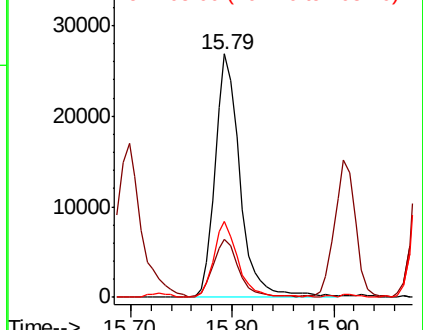
105 31.2 8.8 48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.709 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

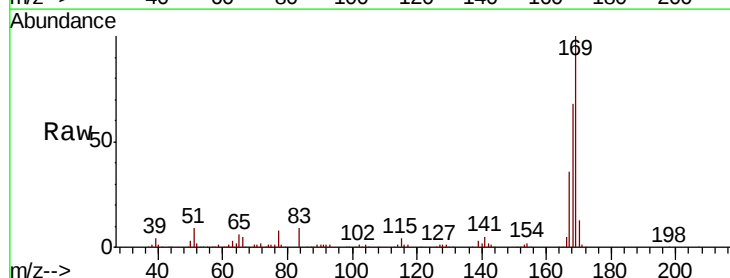
Tgt Ion:169 Resp: 237273

Ion Ratio Lower Upper

169 100

168 68.3 54.3 81.5

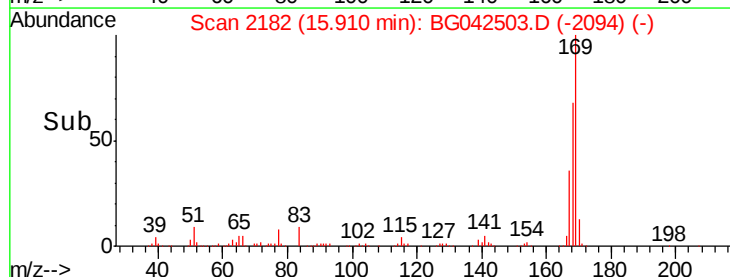
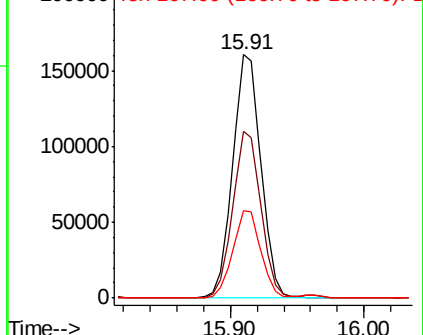
167 35.9 28.2 42.2

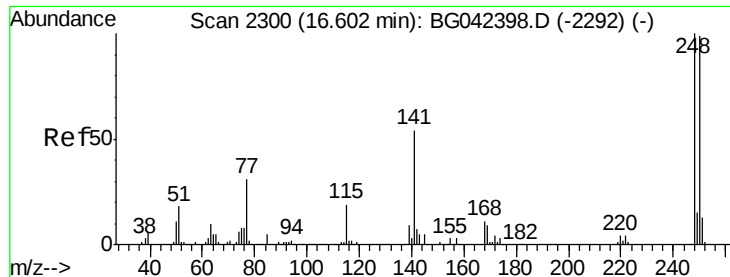


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

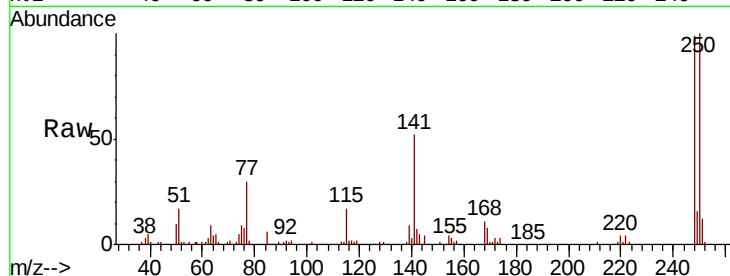




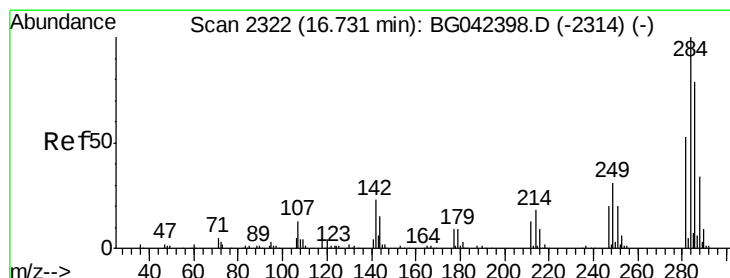
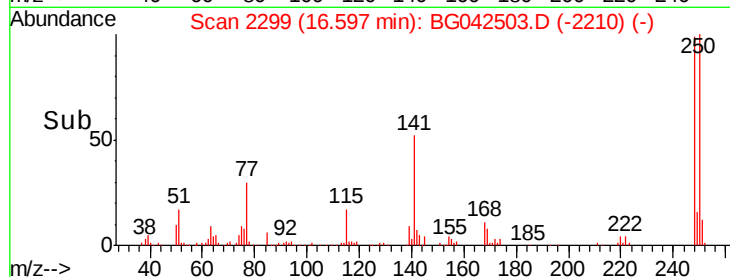
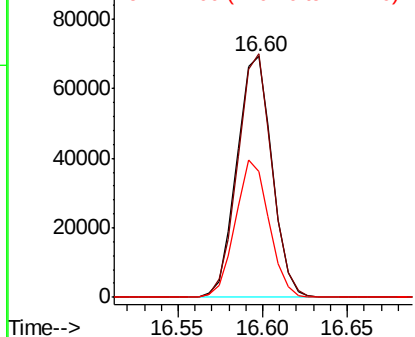
#67
 4-Bromophenyl-phenylether
 Concen: 38.341 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tgt Ion:248 Resp: 100602
 Ion Ratio Lower Upper
 248 100
 250 101.1 78.9 118.3
 141 52.4 43.3 64.9

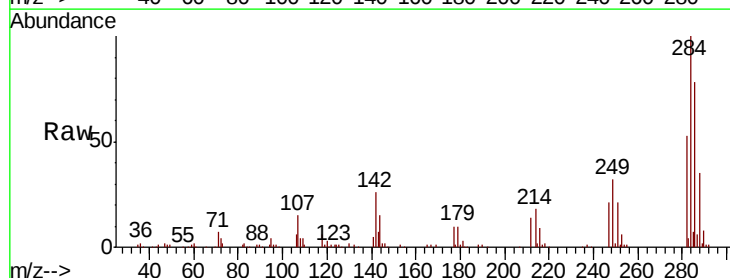


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

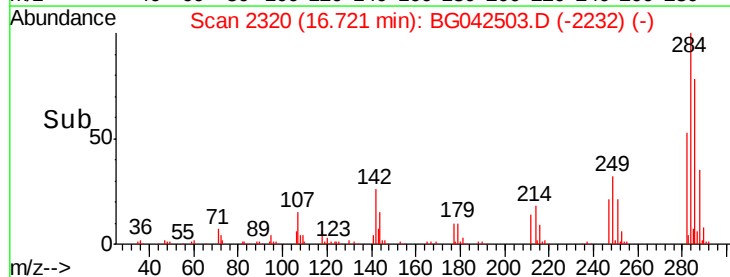
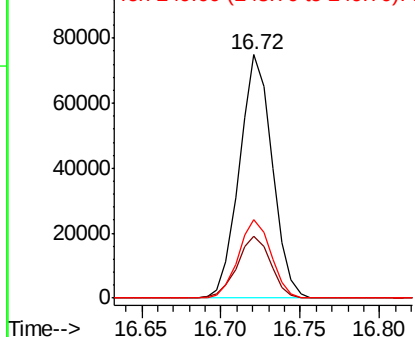


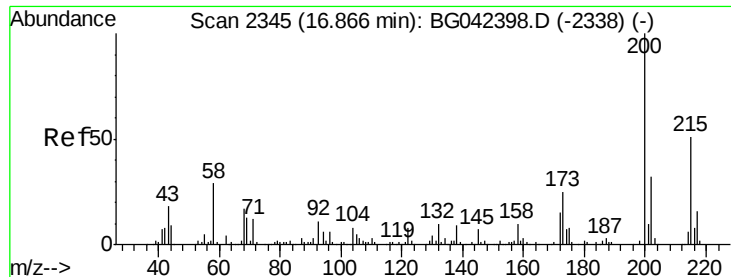
#68
 Hexachlorobenzene
 Concen: 37.740 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion:284 Resp: 107649
 Ion Ratio Lower Upper
 284 100
 142 25.6 18.2 27.4
 249 32.3 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: 52.332 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

ClientSampleId :

TP-1(1-3)MS

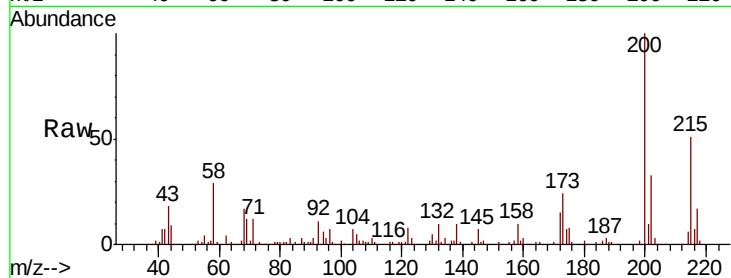
Tgt Ion:200 Resp: 105278

Ion Ratio Lower Upper

200 100

173 23.8 4.9 44.9

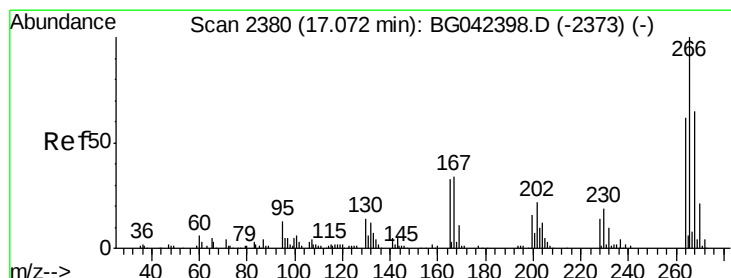
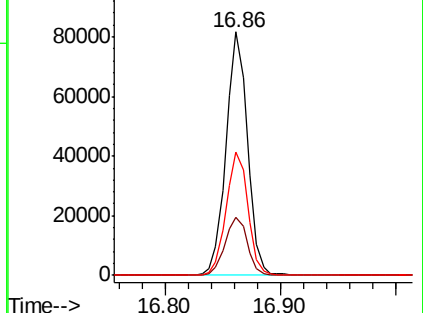
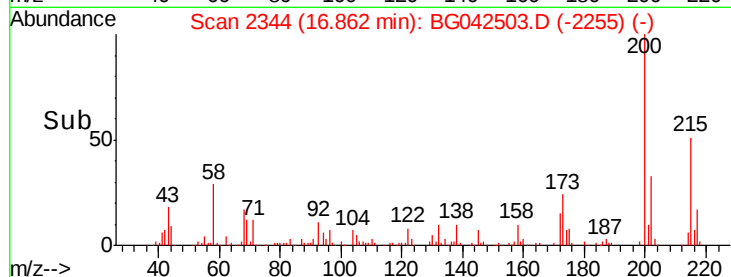
215 50.7 30.7 70.7



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: 94.500 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

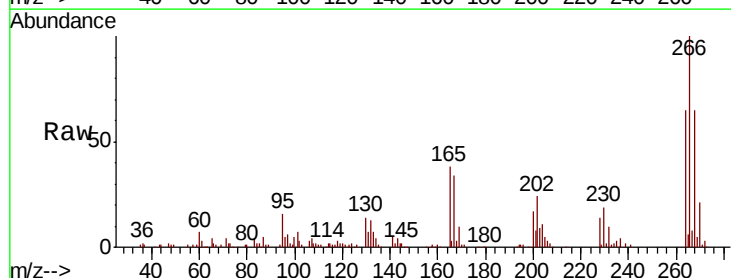
Tgt Ion:266 Resp: 140053

Ion Ratio Lower Upper

266 100

268 64.9 52.1 78.1

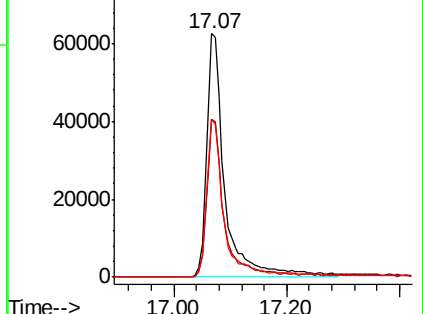
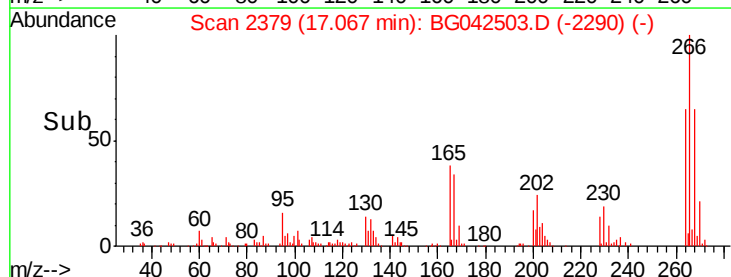
264 64.8 49.4 74.2

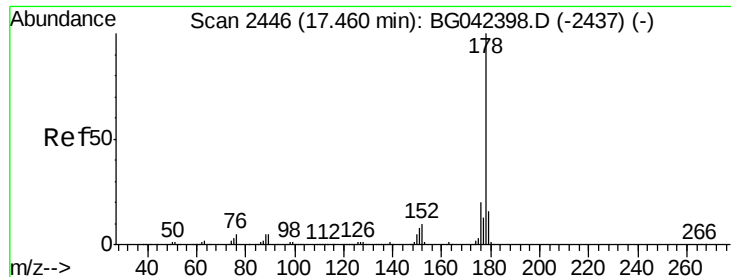


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

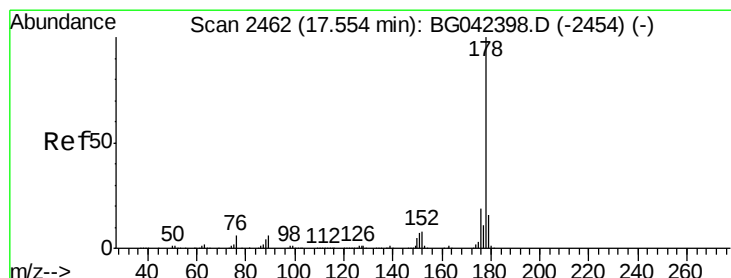
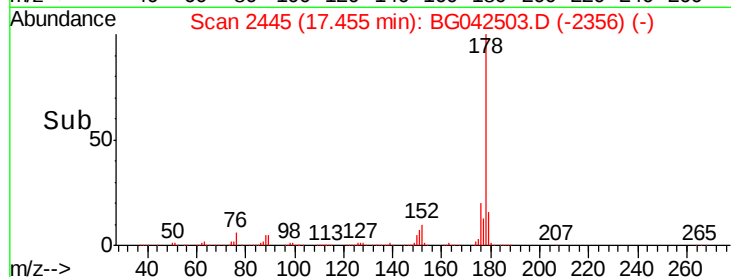
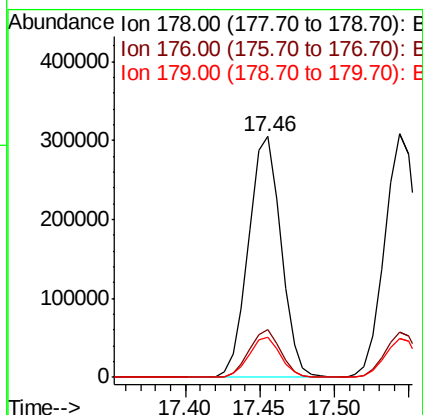
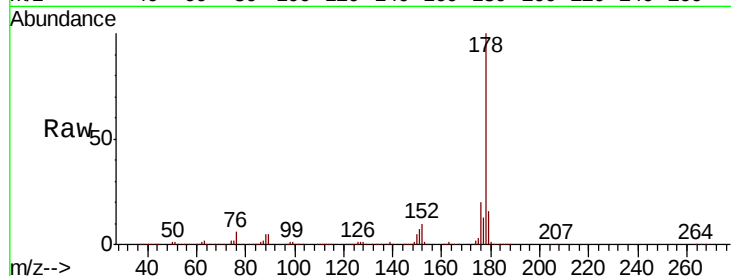




#71
Phenanthrene
Concen: 44.703 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

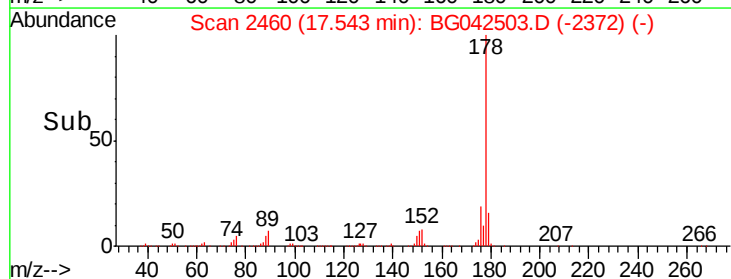
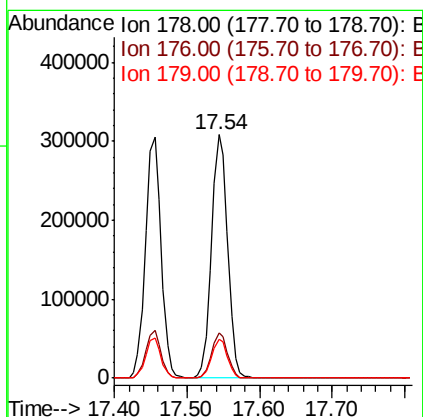
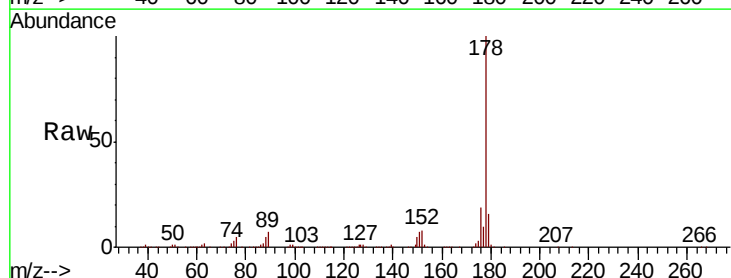
Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

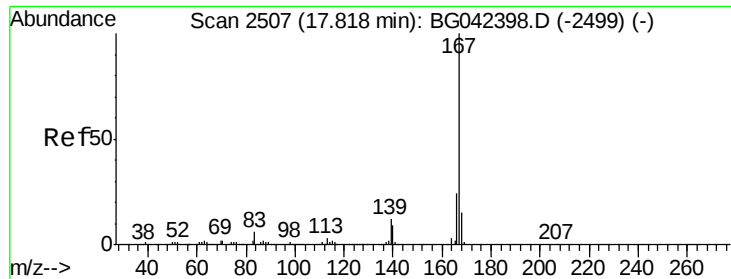
Tgt Ion:178 Resp: 459331
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 16.4 12.7 19.1



#72
Anthracene
Concen: 46.595 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion:178 Resp: 477955
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 16.1 12.9 19.3

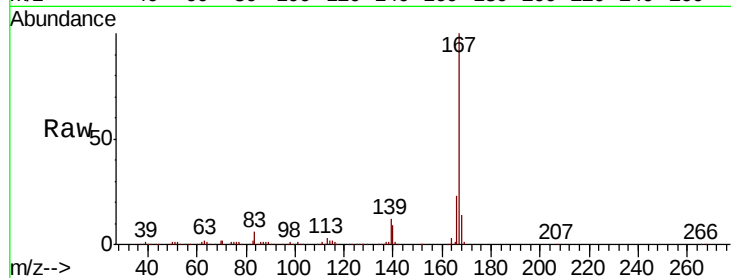




#73
 Carbazole
 Concen: 51.274 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.9	28.3
139	11.5	9.8	14.6

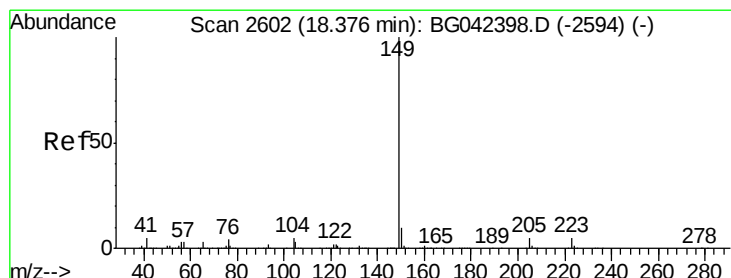
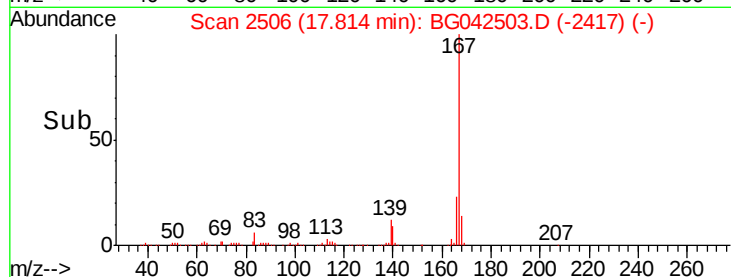
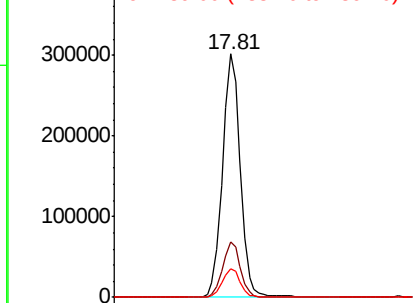


Abundance

Ion 167.00 (166.70 to 167.70): E

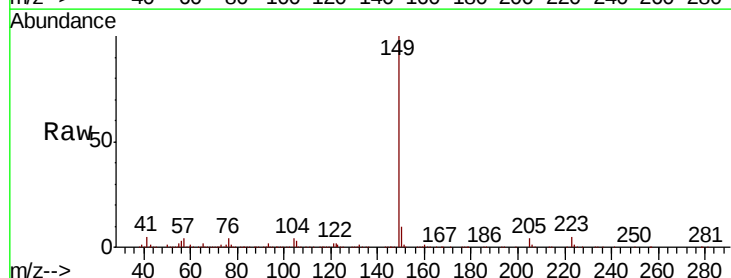
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 49.669 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	4.3	3.7	5.5

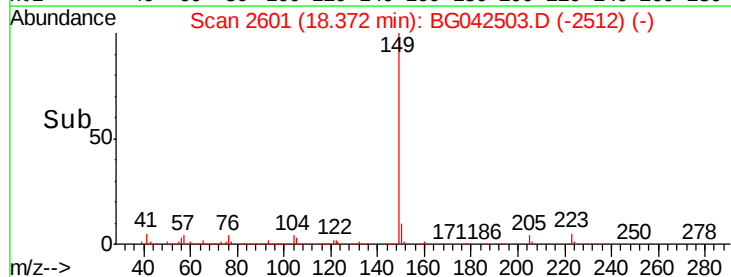
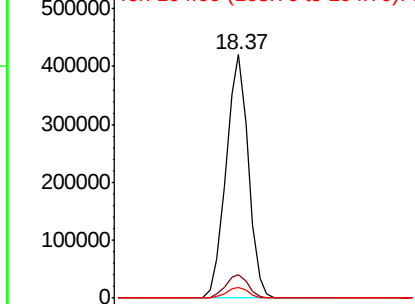


Abundance

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: 55.643 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

ClientSampleId :

TP-1(1-3)MS

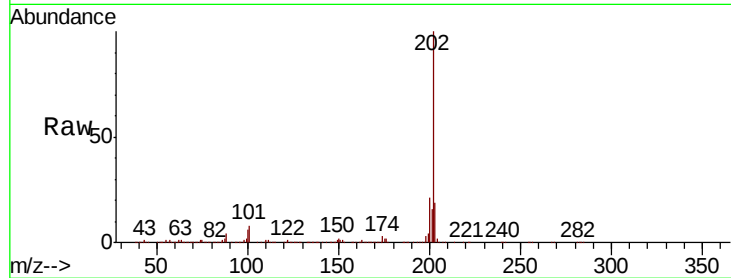
Tgt Ion:202 Resp: 697762

Ion Ratio Lower Upper

202 100

101 7.7 0.0 28.3

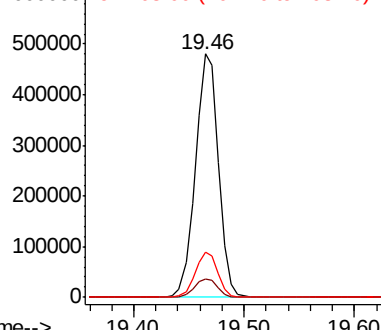
203 18.8 0.0 39.6



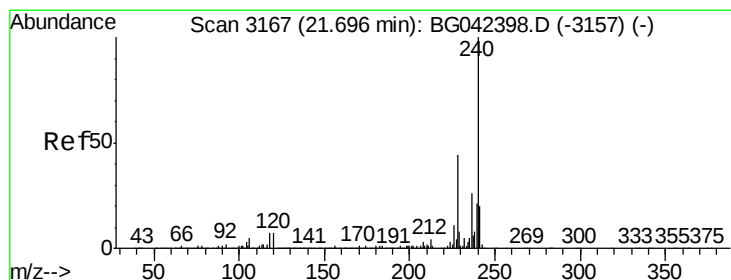
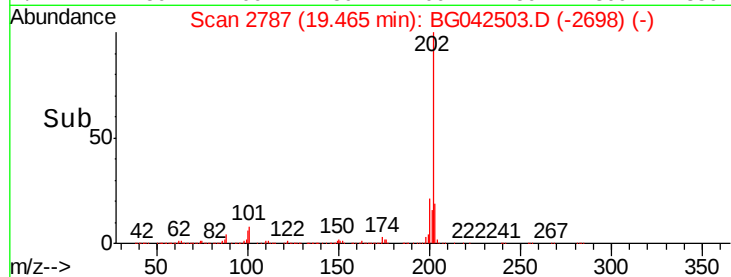
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

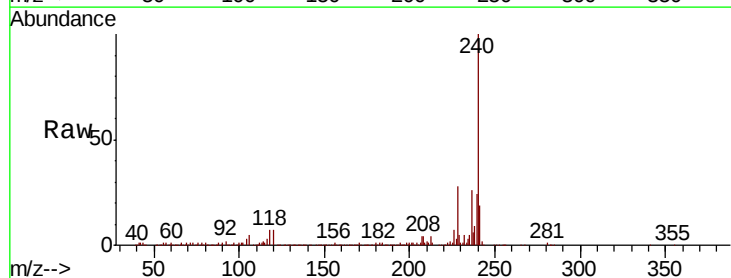
Tgt Ion:240 Resp: 283876

Ion Ratio Lower Upper

240 100

120 7.2 5.7 8.5

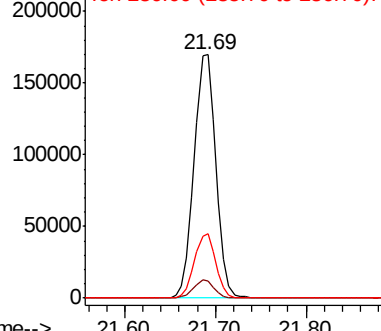
236 26.3 21.0 31.4



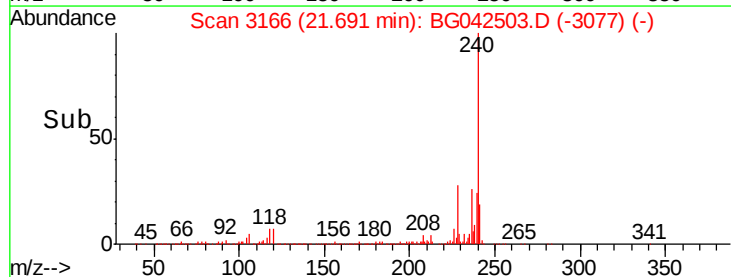
Abundance Ion 240.00 (239.70 to 240.70): E

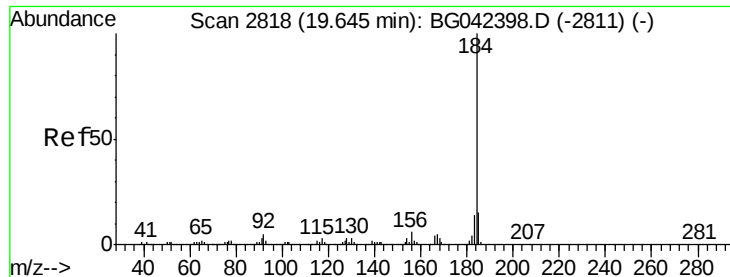
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 43.474 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

ClientSampleId :

TP-1(1-3)MS

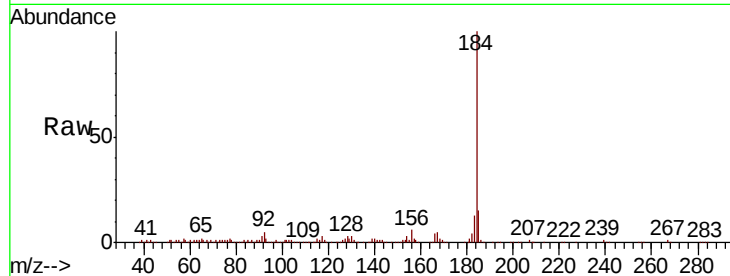
Tgt Ion:184 Resp: 353826

Ion Ratio Lower Upper

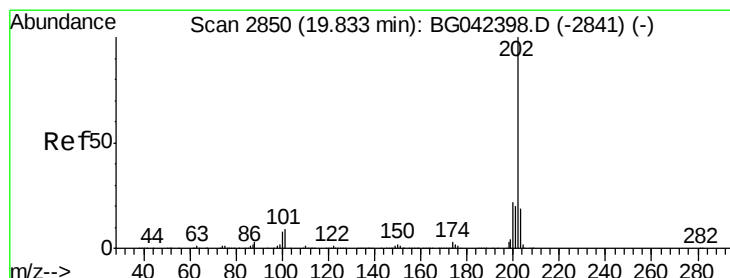
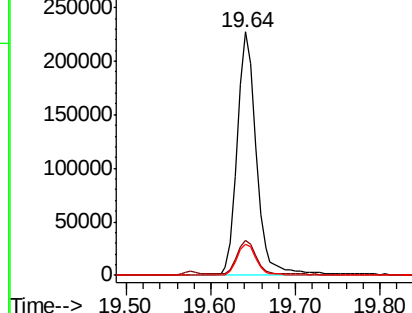
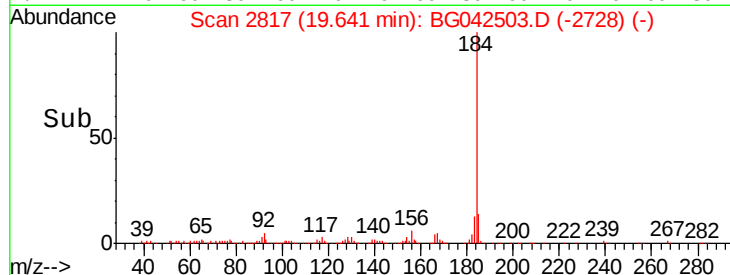
184 100

185 14.5 12.2 18.4

183 12.9 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: 41.035 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

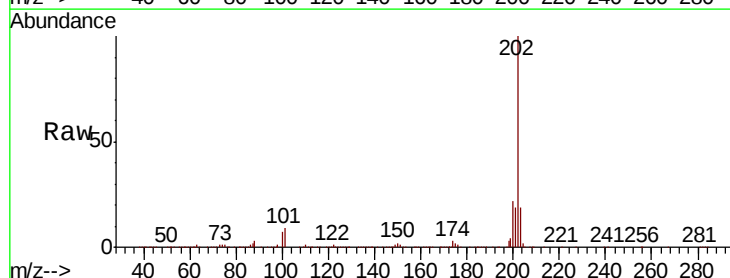
Tgt Ion:202 Resp: 714178

Ion Ratio Lower Upper

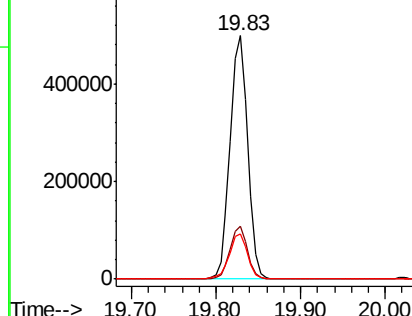
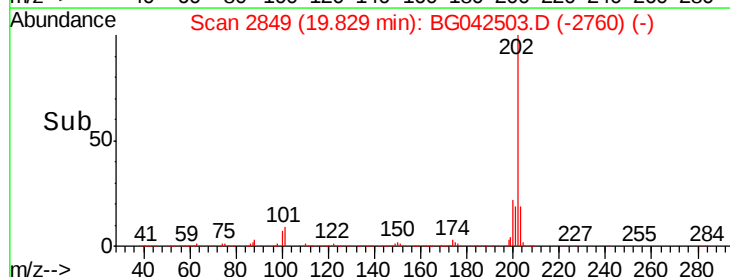
202 100

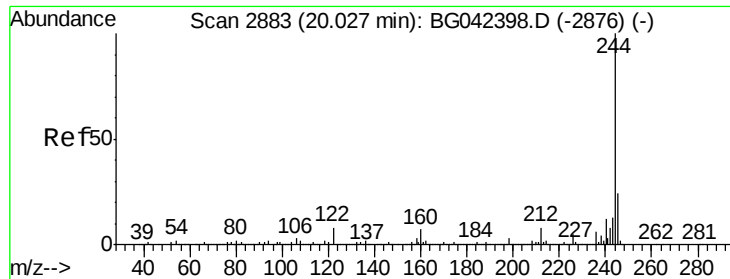
200 21.8 17.8 26.6

203 18.6 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: 77.870 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

ClientSampleId :

TP-1(1-3)MS

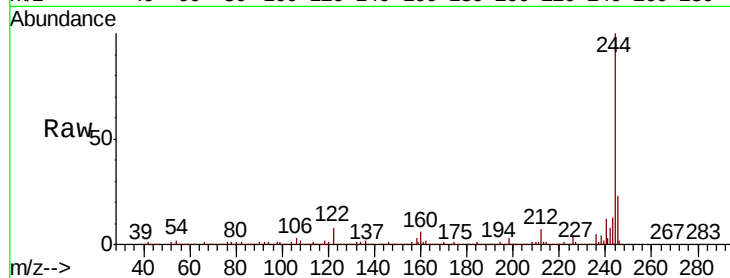
Tgt Ion:244 Resp: 1022494

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

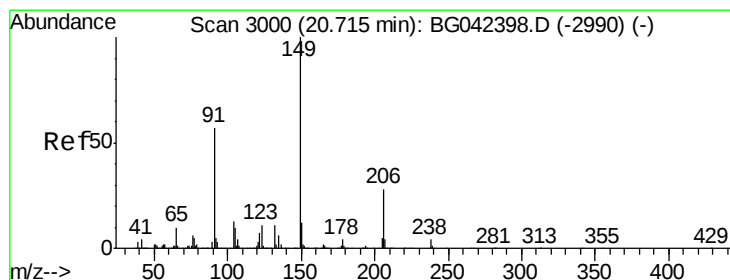
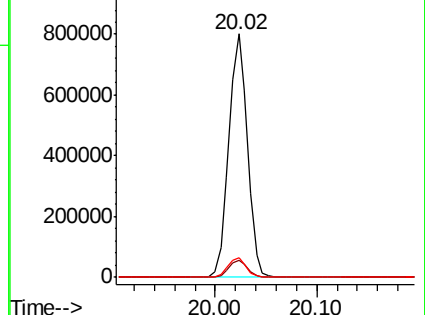
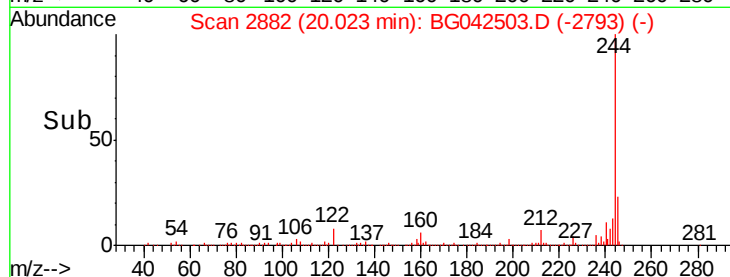
122 7.9 6.7 10.1



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: 42.438 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

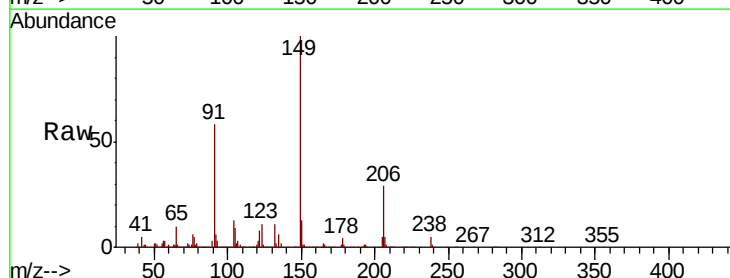
Tgt Ion:149 Resp: 290510

Ion Ratio Lower Upper

149 100

91 58.4 45.9 68.9

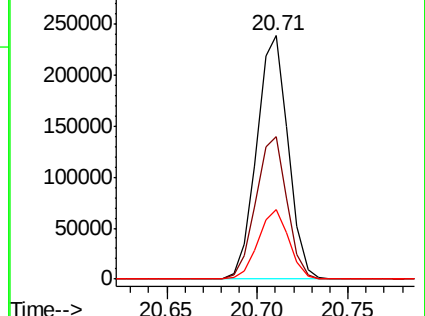
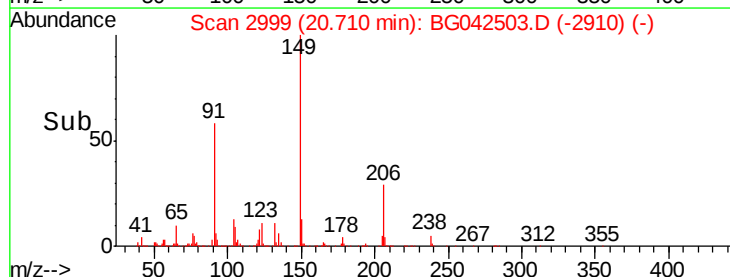
206 28.7 22.5 33.7

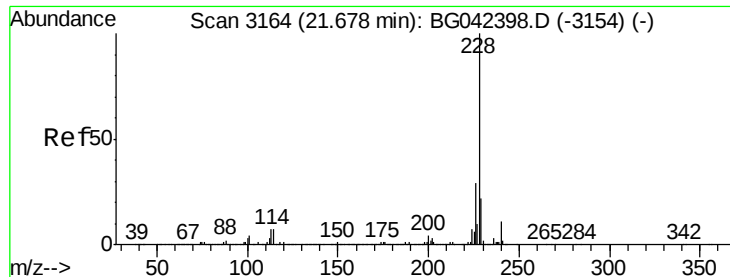


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.472 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

ClientSampleId :

TP-1(1-3)MS

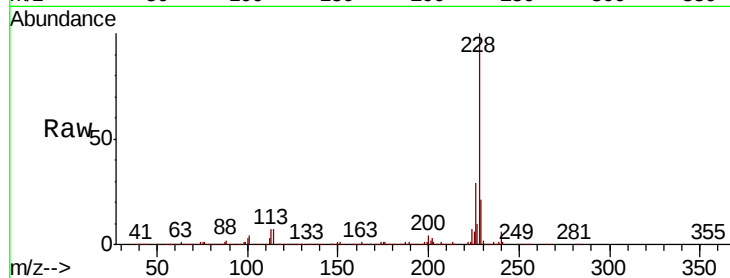
Tgt Ion:228 Resp: 750712

Ion Ratio Lower Upper

228 100

226 28.7 23.4 35.2

229 21.4 17.4 26.2

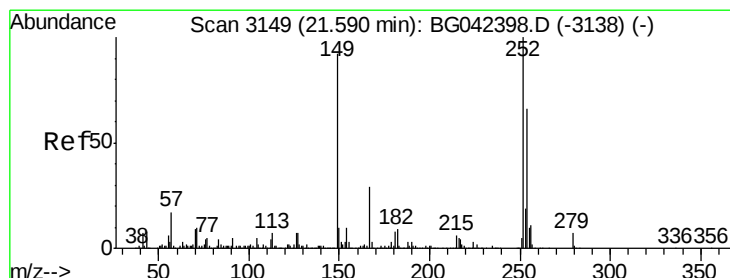
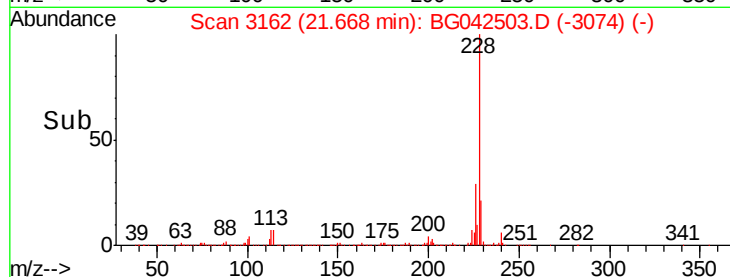
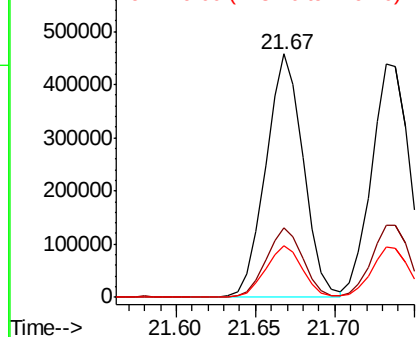


Abundance

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: 27.341 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

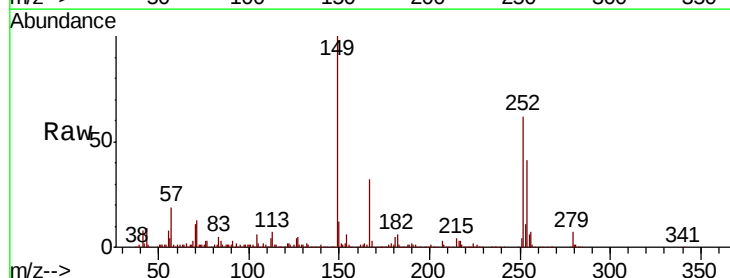
Tgt Ion:252 Resp: 189885

Ion Ratio Lower Upper

252 100

254 66.0 53.0 79.4

126 6.9 5.7 8.5

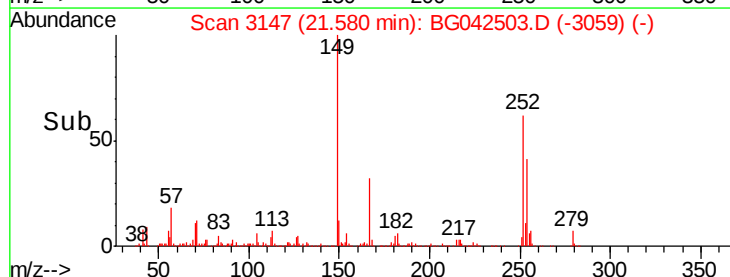
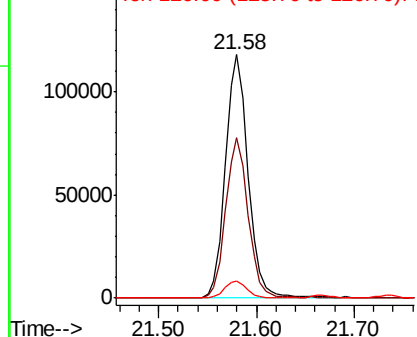


Abundance

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

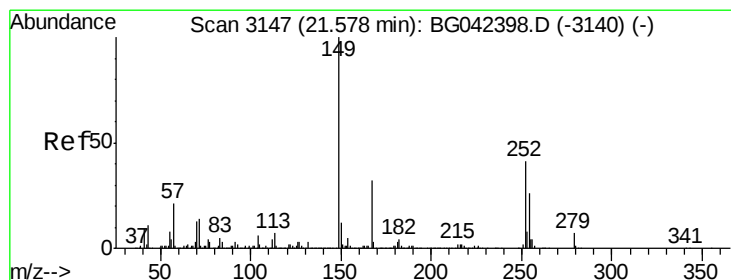
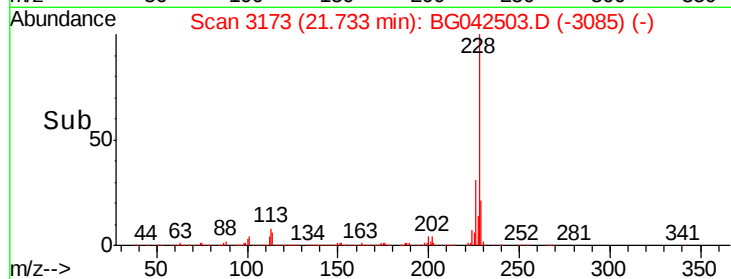
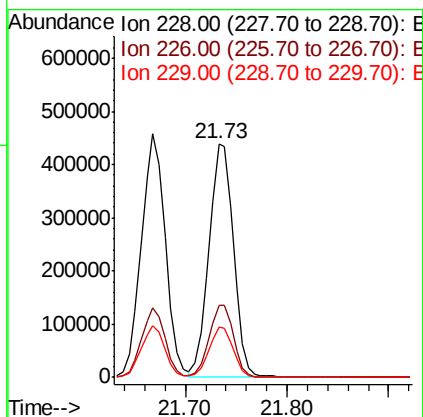
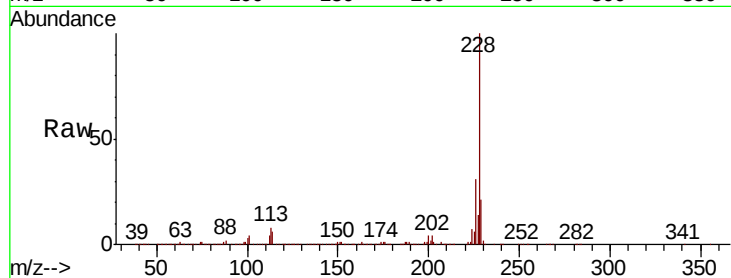




#83
Chrysene
Concen: 44.012 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

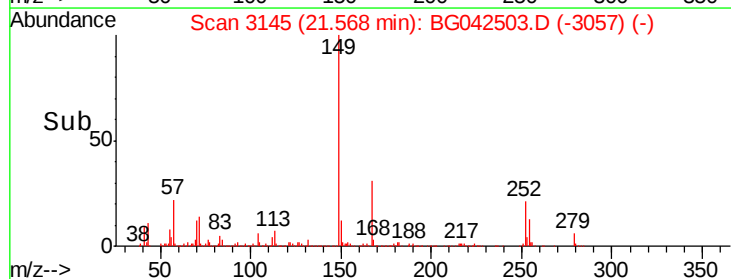
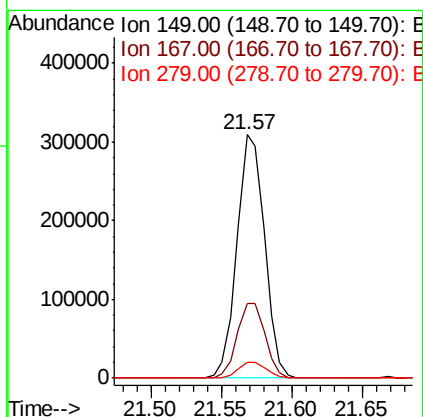
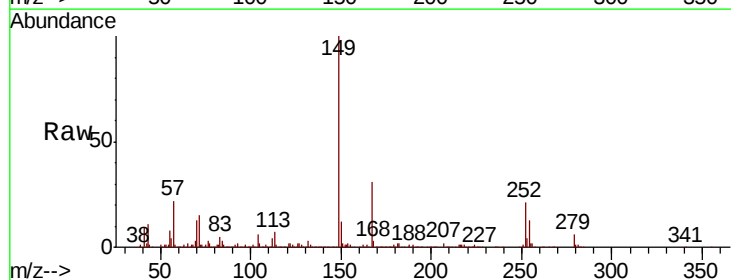
Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tgt Ion: 228 Resp: 732979
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 21.3 16.9 25.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.333 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion: 149 Resp: 421366
Ion Ratio Lower Upper
149 100
167 30.8 26.0 39.0
279 6.3 5.4 8.0





#85

Di-n-octyl phthalate

Concen: 46.035 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

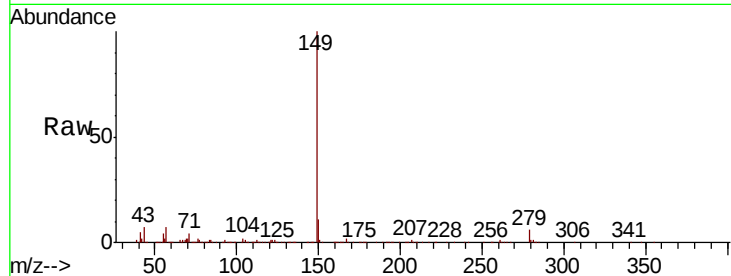
Instrument :

BNA_G

ClientSampleId :

TP-1(1-3)MS

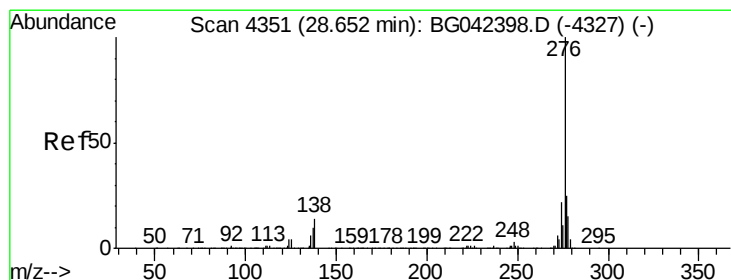
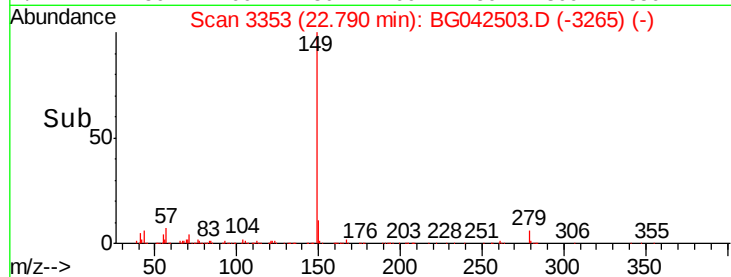
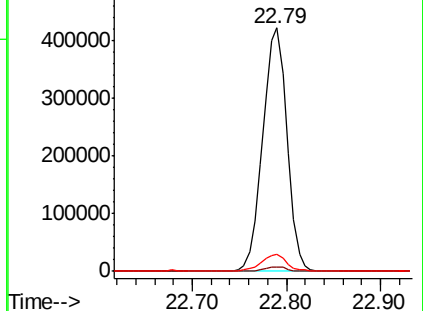
Tgt Ion:	149	Resp:	752532
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.6	5.3	7.9



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: 43.726 ng

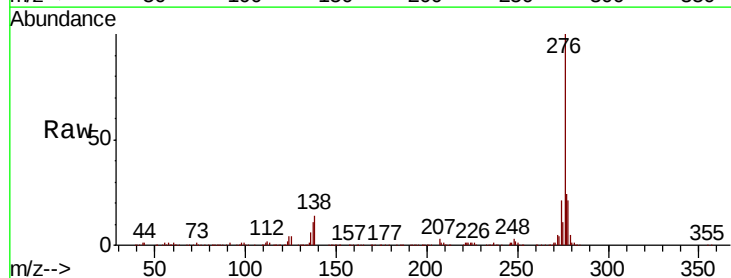
RT: 28.64 min Scan# 4349

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

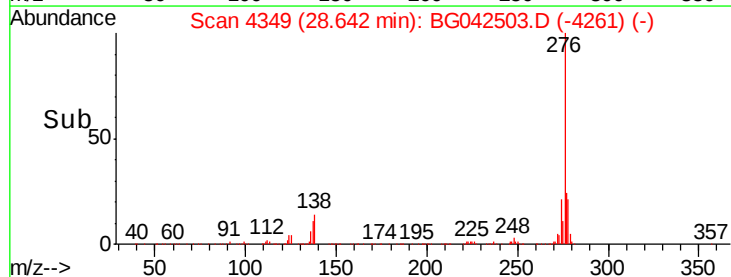
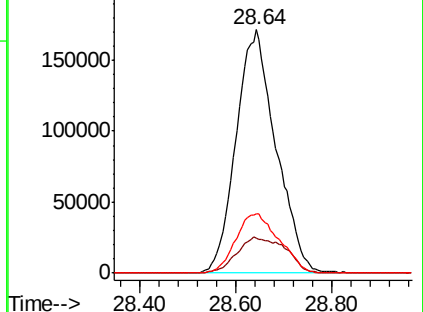
Tgt Ion:	276	Resp:	989630
Ion	Ratio	Lower	Upper
276	100		
138	18.1	9.2	13.8#
277	26.6	21.0	31.6

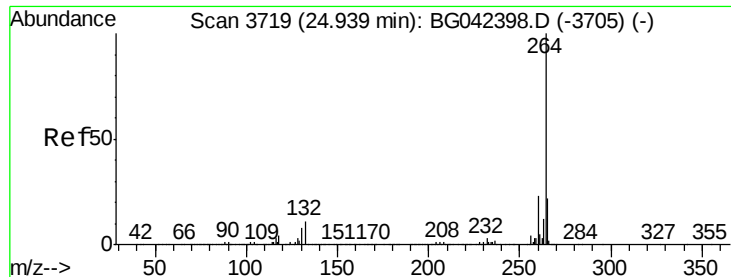


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

ClientSampleId :

TP-1(1-3)MS

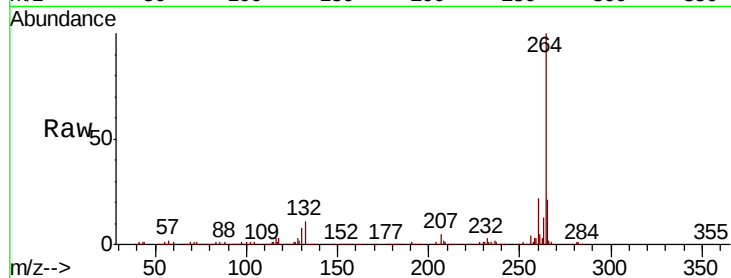
Tgt Ion:264 Resp: 346773

Ion Ratio Lower Upper

264 100

260 22.2 18.5 27.7

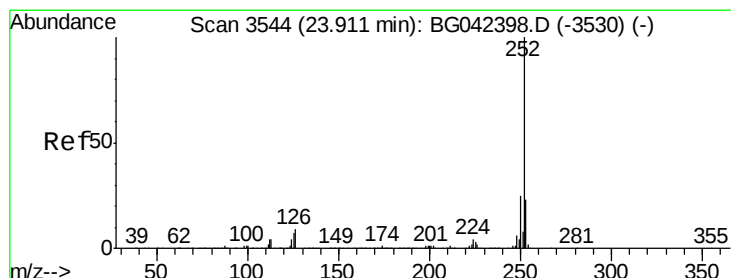
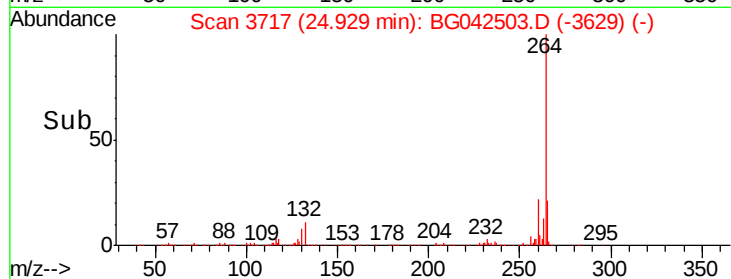
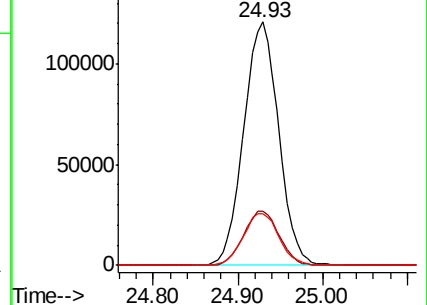
265 21.2 17.6 26.4



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: 44.896 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

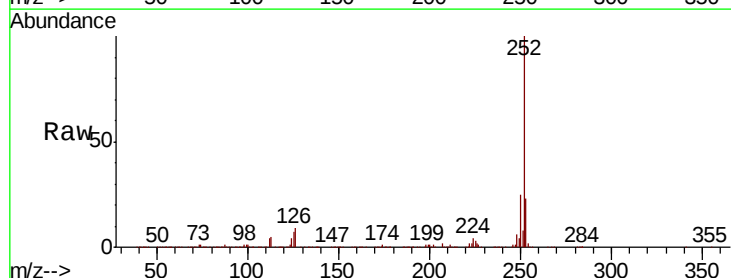
Tgt Ion:252 Resp: 855919

Ion Ratio Lower Upper

252 100

253 23.2 18.6 27.8

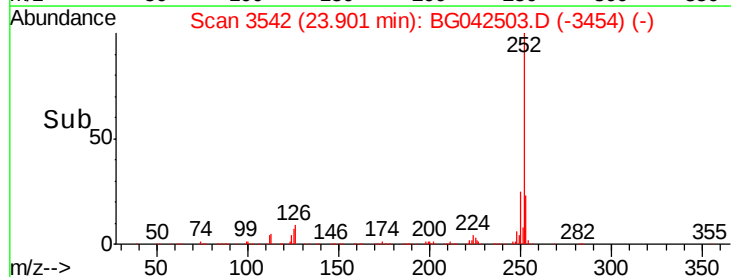
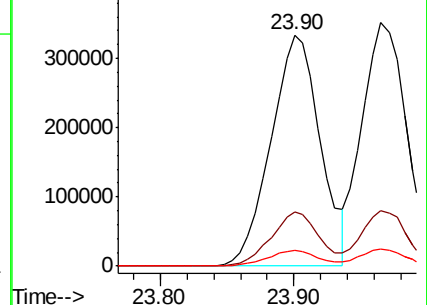
125 6.9 5.6 8.4

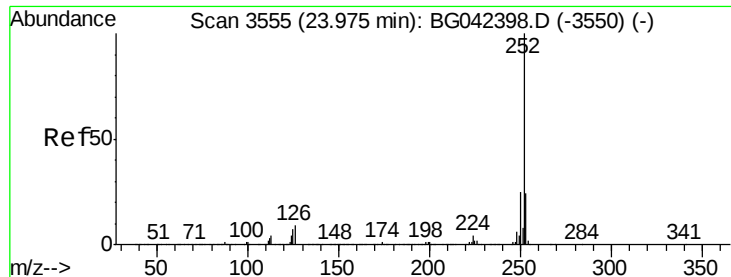


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

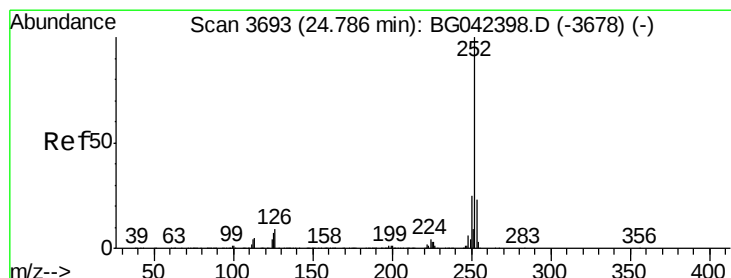
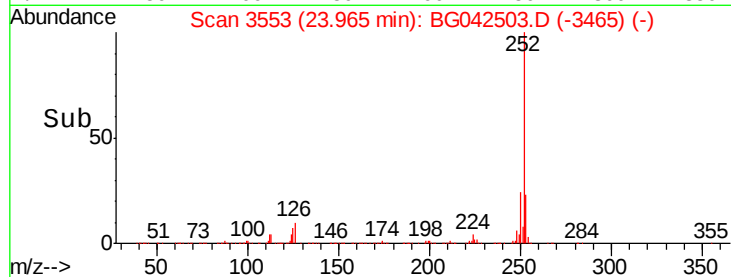
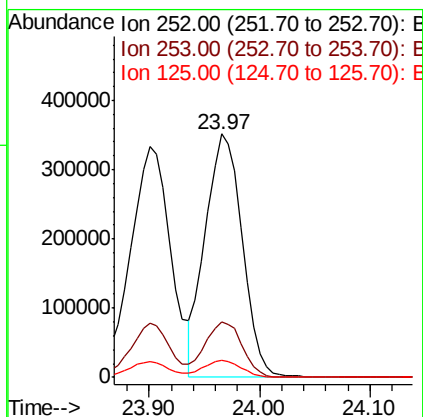
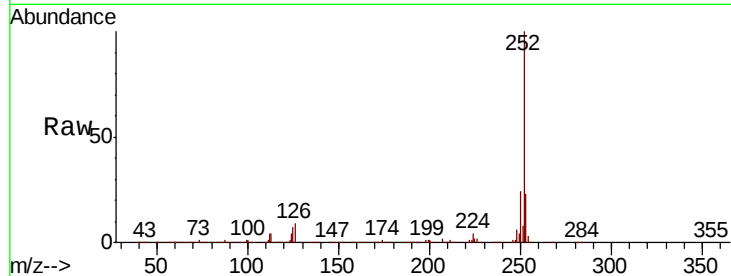




#89
Benzo(k)fluoranthene
Concen: 44.222 ng
RT: 23.97 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

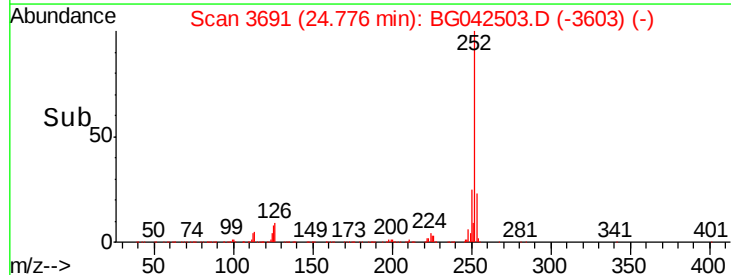
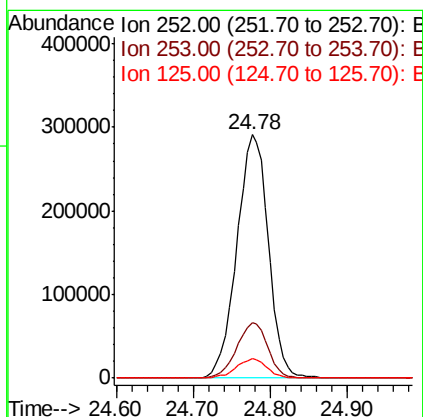
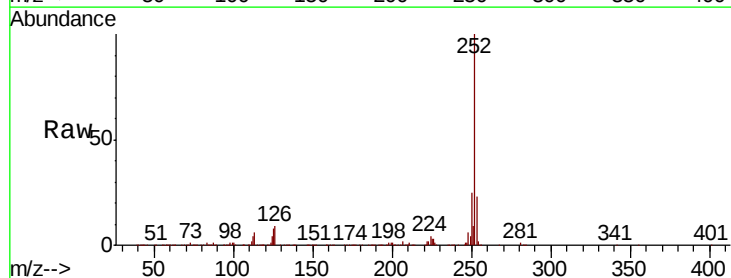
Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

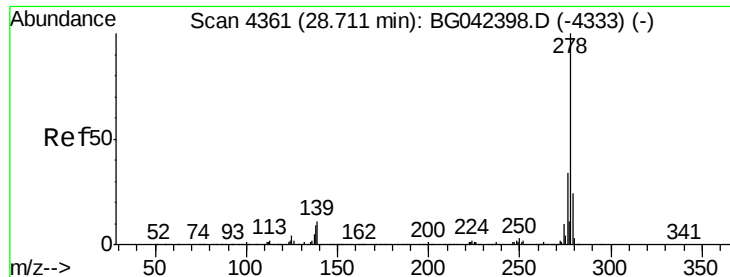
Tgt Ion:252 Resp: 810369
Ion Ratio Lower Upper
252 100
253 22.6 18.6 27.8
125 7.2 5.8 8.6



#90
Benzo(a)pyrene
Concen: 46.045 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion:252 Resp: 832965
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 8.1 6.0 9.0





#91

Dibenzo(a,h)anthracene

Concen: 44.846 ng

RT: 28.70 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

ClientSampleId :

TP-1(1-3)MS

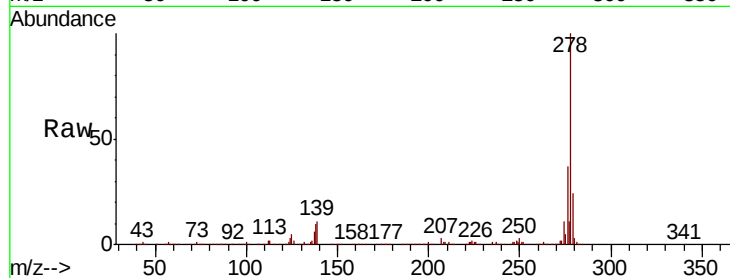
Tgt Ion:278 Resp: 821424

Ion Ratio Lower Upper

278 100

139 11.0 8.8 13.2

279 24.4 19.1 28.7

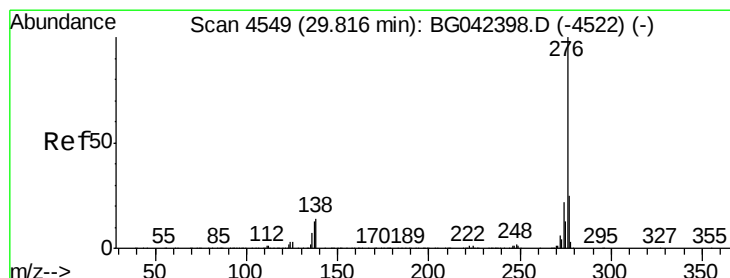
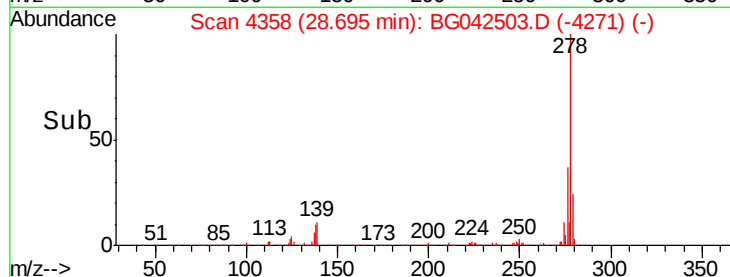
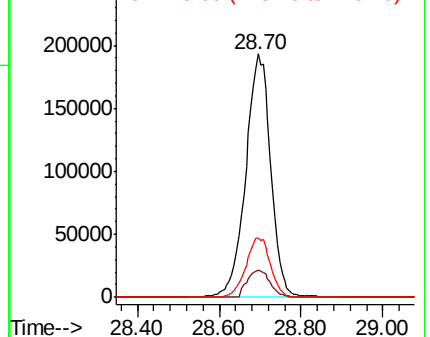


Abundance

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: 45.405 ng

RT: 29.79 min Scan# 4545

Delta R.T. -0.02 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

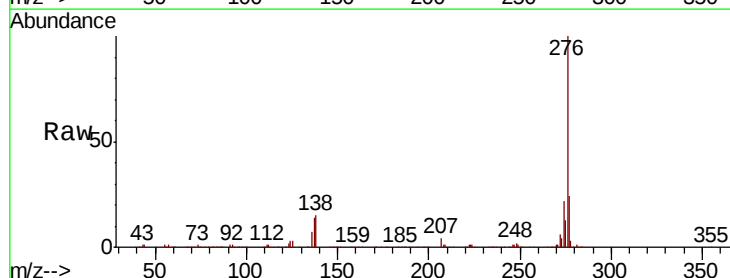
Tgt Ion:276 Resp: 831793

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.8

138 15.1 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

