

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043712.D
 Acq On : 20 Nov 2019 1:25
 Operator : JU
 Sample : PB124943BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 20 03:56:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27249	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	115928	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	82601	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	200817	20.00	ng	0.00
76) Chrysene-d12	21.64	240	210312	20.00	ng	0.00
87) Perylene-d12	24.81	264	249029	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	75755	50.94	ng	0.00
7) Phenol-d6	7.18	99	65536	30.63	ng	0.00
23) Nitrobenzene-d5	9.15	82	187621	83.44	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	182056	115.82	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	516106	86.34	ng	0.00
79) Terphenyl-d14	19.98	244	1019609	90.95	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.45	88	11703	20.196	ng	96
3) Pyridine	3.85	79	33698	23.053	ng	95
4) n-Nitrosodimethylamine	3.77	42	19996	27.109	ng	95
6) Aniline	7.32	93	37515	15.222	ng	97
8) 2-Chlorophenol	7.56	128	61634	37.547	ng	95
9) Benzaldehyde	7.13	77	44834	42.641	ng	96
10) Phenol	7.21	94	22799	11.662	ng	92
11) bis(2-Chloroethyl)ether	7.41	93	66259	43.836	ng	95
12) 1,3-Dichlorobenzene	7.88	146	81066	39.416	ng	98
13) 1,4-Dichlorobenzene	8.02	146	81664	39.245	ng	95
14) 1,2-Dichlorobenzene	8.35	146	81327	40.029	ng	99
15) Benzyl Alcohol	8.24	79	48142	32.040	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	94418	42.959	ng	96
17) 2-Methylphenol	8.46	107	42317	29.691	ng	94
18) Hexachloroethane	9.07	117	28233	37.607	ng	92
19) n-Nitroso-di-n-propylamine	8.79	70	61916	44.786	ng	98
20) 3+4-Methylphenols	8.79	107	47664	24.389	ng	# 77
22) Acetophenone	8.81	105	121302	40.859	ng	# 97
24) Nitrobenzene	9.20	77	91388	42.663	ng	98
25) Isophorone	9.71	82	175117	42.596	ng	99
26) 2-Nitrophenol	9.91	139	44253	42.791	ng	95
27) 2,4-Dimethylphenol	9.98	122	57597	38.858	ng	97
28) bis(2-Chloroethoxy)methane	10.20	93	92988	40.982	ng	99
29) 2,4-Dichlorophenol	10.46	162	77885	41.010	ng	96
30) 1,2,4-Trichlorobenzene	10.66	180	94757	39.587	ng	99
31) Naphthalene	10.84	128	244785	41.599	ng	99
32) Benzoic acid	9.98	122	57597	50.346	ng	# 16
33) 4-Chloroaniline	10.98	127	9020	3.739	ng	# 91
34) Hexachlorobutadiene	11.13	225	62569	35.361	ng	98
35) Caprolactam	11.73	113	5784	8.843	ng	# 87
36) 4-Chloro-3-methylphenol	12.10	107	77172	37.253	ng	97
37) 2-Methylnaphthalene	12.45	142	193320	42.817	ng	97
38) 1-Methylnaphthalene	12.66	142	186502	43.414	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	126480	41.375	ng	99

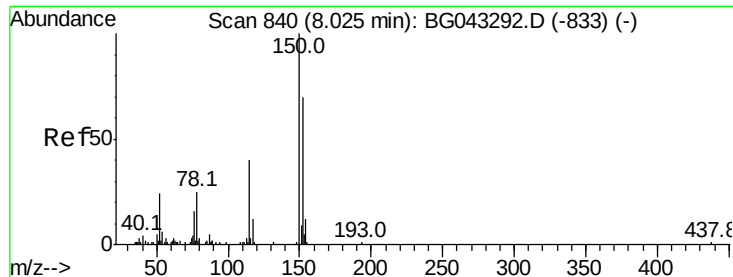
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043712.D
 Acq On : 20 Nov 2019 1:25
 Operator : JU
 Sample : PB124943BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 20 03:56:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	114837	71.513	ng	99
43) 2,4,6-Trichlorophenol	13.07	196	75640	42.016	ng	94
44) 2,4,5-Trichlorophenol	13.15	196	81384	44.716	ng	98
46) 1,1'-Biphenyl	13.46	154	272599	43.381	ng	97
47) 2-Chloronaphthalene	13.50	162	204005	42.668	ng	97
48) 2-Nitroaniline	13.71	65	62370	43.646	ng	98
49) Acenaphthylene	14.34	152	342640	46.046	ng	99
50) Dimethylphthalate	14.08	163	279989	43.762	ng	100
51) 2,6-Dinitrotoluene	14.20	165	63903	45.975	ng	97
52) Acenaphthene	14.69	154	201645	44.436	ng	97
53) 3-Nitroaniline	14.54	138	16727	12.464	ng	83
54) 2,4-Dinitrophenol	14.75	184	52770	62.546	ng	# 86
55) Dibenzofuran	15.02	168	337027	45.798	ng	99
56) 4-Nitrophenol	14.89	139	16267	18.089	ng	# 81
57) 2,4-Dinitrotoluene	14.99	165	90156	45.386	ng	# 95
58) Fluorene	15.67	166	275030	44.560	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	82896	42.869	ng	# 99
60) Diethylphthalate	15.44	149	278098	43.259	ng	99
61) 4-Chlorophenyl-phenylether	15.66	204	161223	44.776	ng	96
62) 4-Nitroaniline	15.71	138	56332	40.646	ng	96
63) Azobenzene	15.95	77	236313	45.420	ng	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	48966	41.433	ng	96
66) n-Nitrosodiphenylamine	15.88	169	248119	43.763	ng	97
67) 4-Bromophenyl-phenylether	16.55	248	112646	41.681	ng	94
68) Hexachlorobenzene	16.68	284	124648	40.181	ng	98
69) Atrazine	16.82	200	107056	54.342	ng	96
70) Pentachlorophenol	17.03	266	102040	72.187	ng	99
71) Phenanthrene	17.41	178	445025	43.276	ng	100
72) Anthracene	17.50	178	459992	44.709	ng	99
73) Carbazole	17.78	167	407005	43.683	ng	99
74) Di-n-butylphthalate	18.32	149	485365	42.933	ng	100
75) Fluoranthene	19.42	202	590306	44.032	ng	99
77) Benzidine	19.61	184	100034	23.634	ng	96
78) Pyrene	19.79	202	594838	45.693	ng	99
80) Butylbenzylphthalate	20.66	149	220567	44.721	ng	99
81) Benzo(a)anthracene	21.61	228	604092	45.856	ng	97
82) 3,3'-Dichlorobenzidine	21.53	252	122802	24.101	ng	99
83) Chrysene	21.68	228	589656	45.049	ng	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	322524	46.035	ng	98
85) Di-n-octyl phthalate	22.71	149	555302	46.718	ng	98
86) Indeno(1,2,3-cd)pyrene	28.43	276	747911	45.520	ng	# 94
88) Benzo(b)fluoranthene	23.80	252	620851	44.019	ng	100
89) Benzo(k)fluoranthene	23.87	252	653887	46.052	ng	99
90) Benzo(a)pyrene	24.66	252	588369	43.685	ng	97
91) Dibenzo(a,h)anthracene	28.49	278	631955	45.873	ng	99
92) Benzo(g,h,i)perylene	29.56	276	632222	46.525	ng	98

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

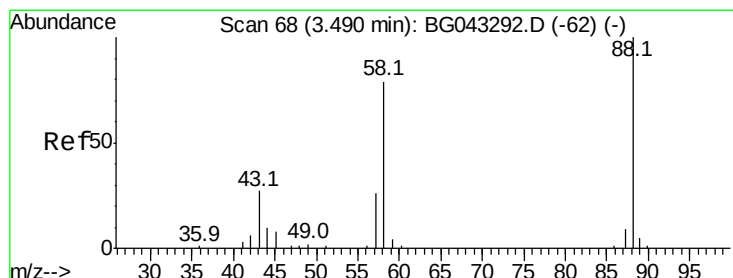
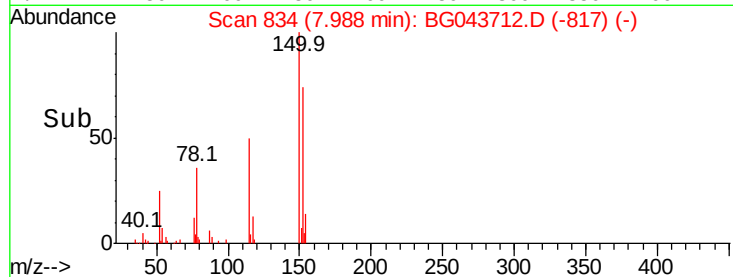
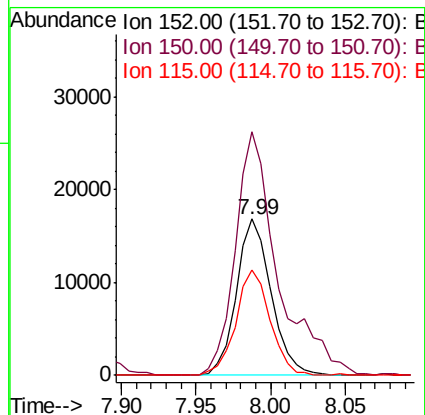
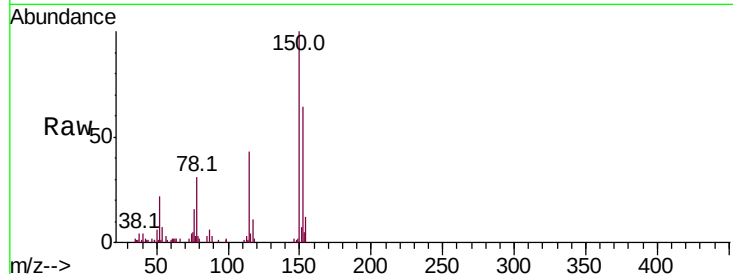


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Instrument :
BNA_G
ClientSampleId :

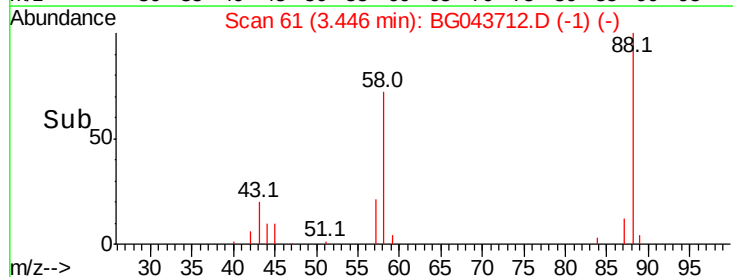
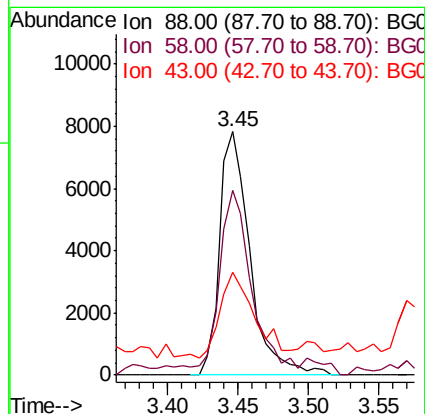
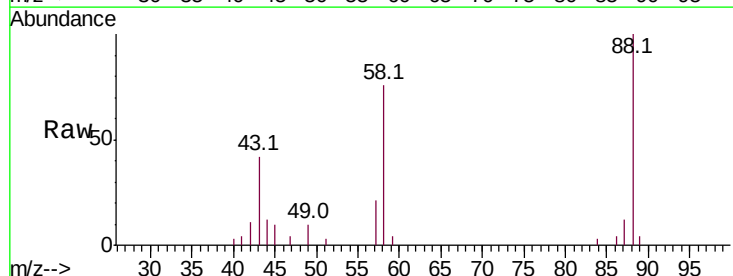
Tot Ion:152 Resp: 27249
Ion Ratio Lower Upper
152 100
150 155.8 116.6 175.0
115 67.7 40.5 60.7#

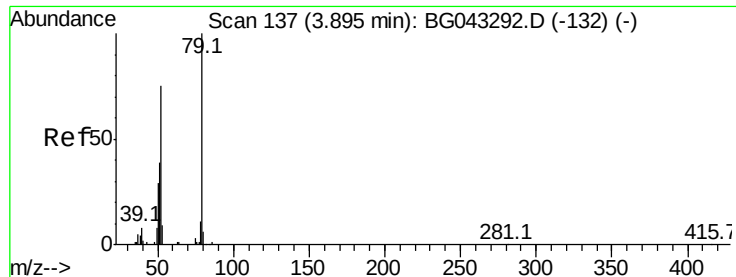


#2

1,4-Dioxane
Concen: 20.196 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion: 88 Resp: 11703
Ion Ratio Lower Upper
88 100
58 74.4 62.2 93.4
43 40.5 30.1 45.1





#3

Pvridine

Concen: 23.053 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

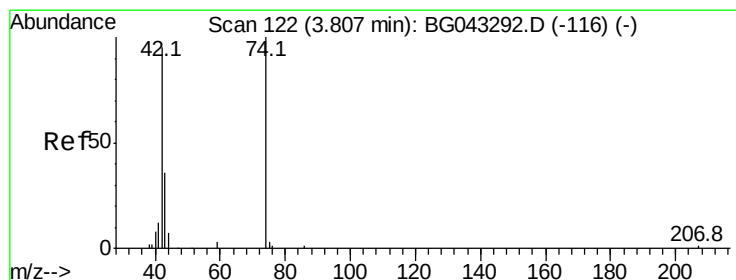
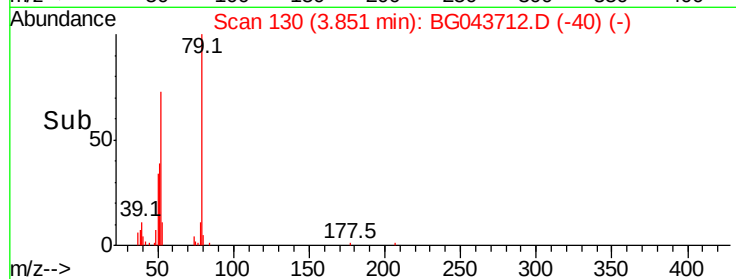
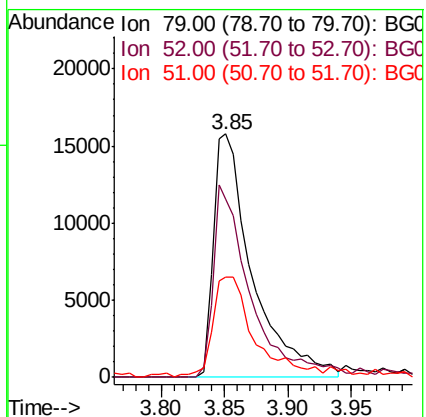
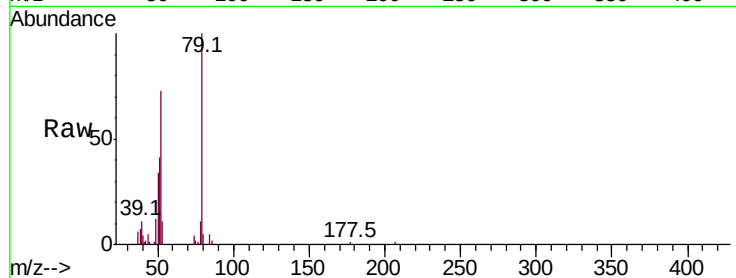
Tot Ion: 79 Resp: 33698

Ion Ratio Lower Upper

79 100

52 73.5 63.2 94.8

51 41.1 34.5 51.7



#4

n-Nitrosodimethylamine

Concen: 27.109 ng

RT: 3.77 min Scan# 116

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

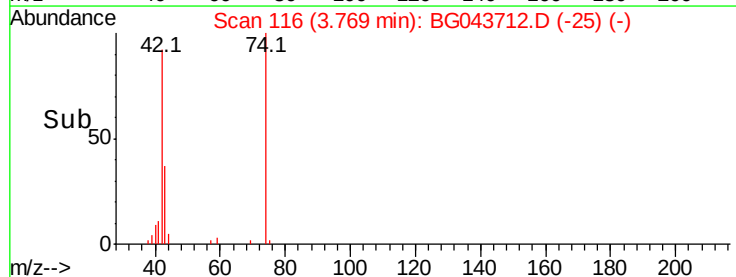
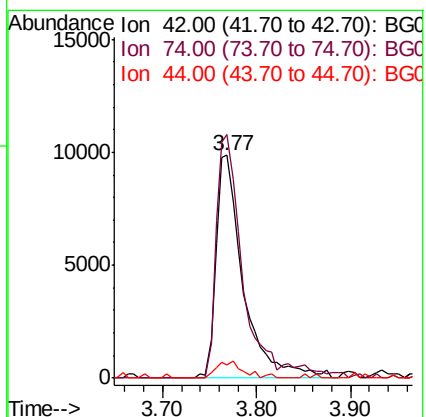
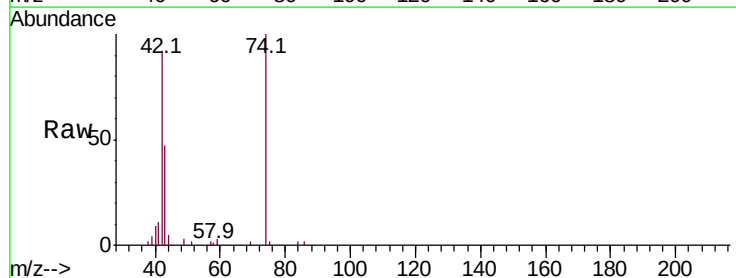
Tgt Ion: 42 Resp: 19996

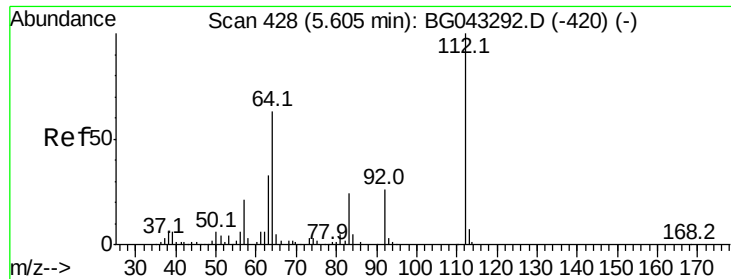
Ion Ratio Lower Upper

42 100

74 109.3 83.0 124.6

44 5.9 4.4 6.6





#5

2-Fluorophenol

Concen: 50.944 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG043712.D

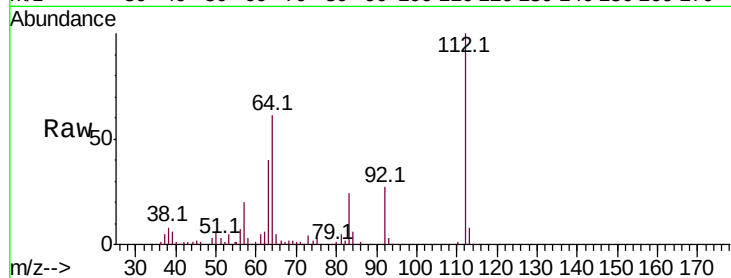
Acq: 20 Nov 2019 1:25

Instrument :

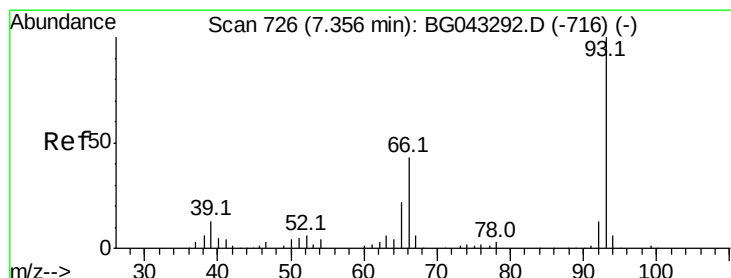
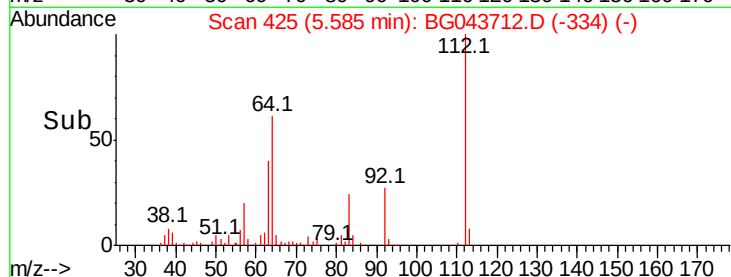
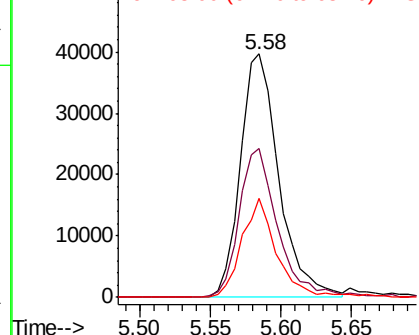
BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	75755
Ion	Ratio	Lower	Upper
112	100		
64	61.4	50.6	75.8
63	40.5	30.5	45.7



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: 15.222 ng

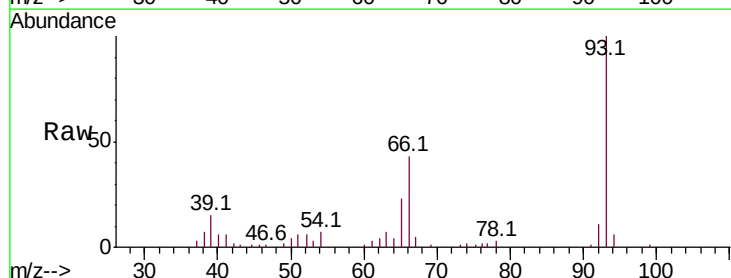
RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

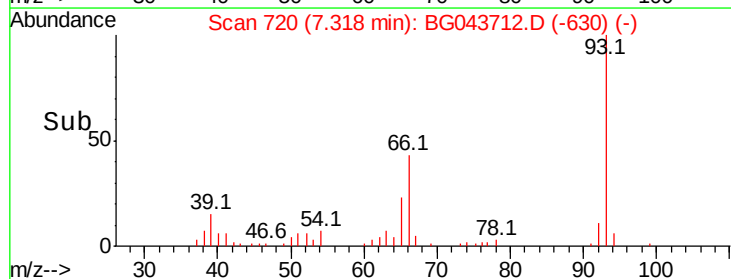
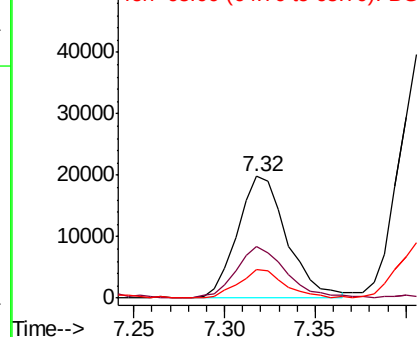
Lab File: BG043712.D

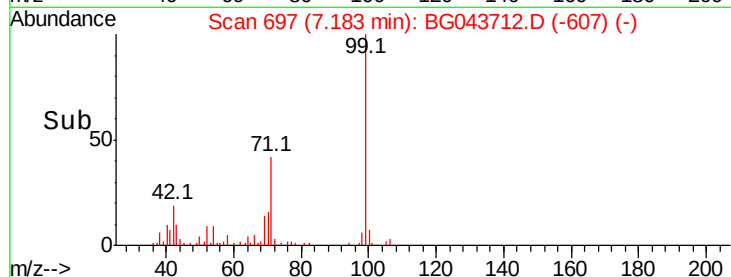
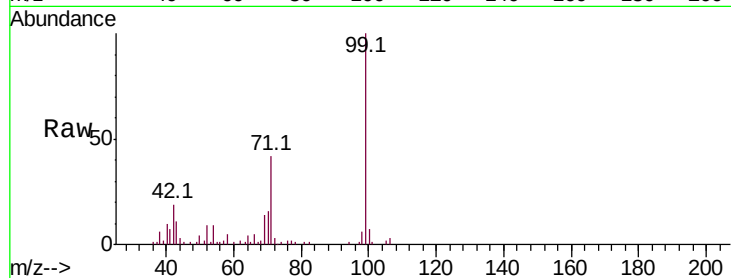
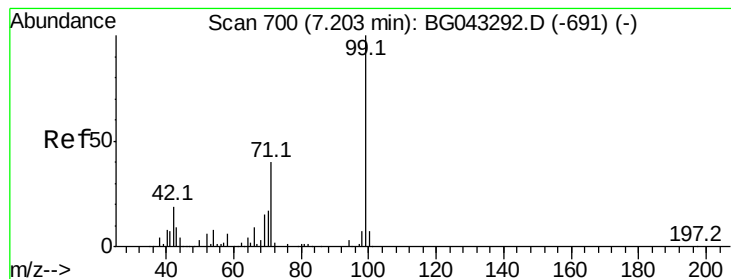
Acq: 20 Nov 2019 1:25

Tgt Ion:	93	Resp:	37515
Ion	Ratio	Lower	Upper
93	100		
66	42.6	35.4	53.2
65	23.1	17.1	25.7



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: 30.632 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

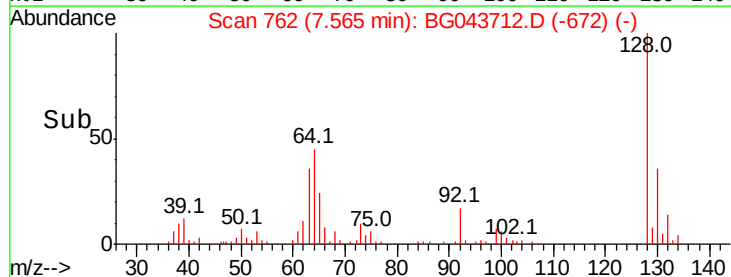
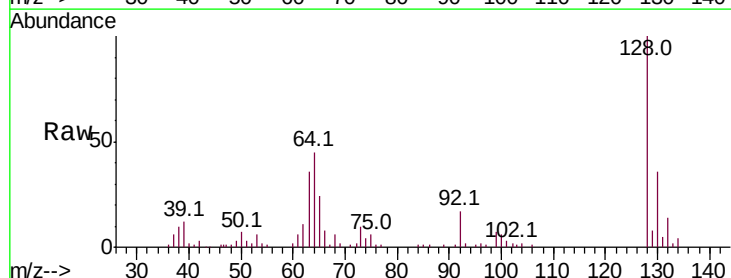
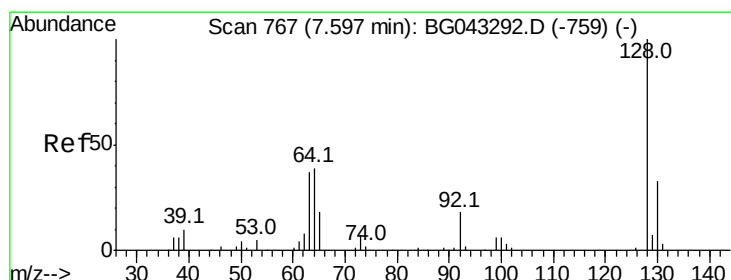
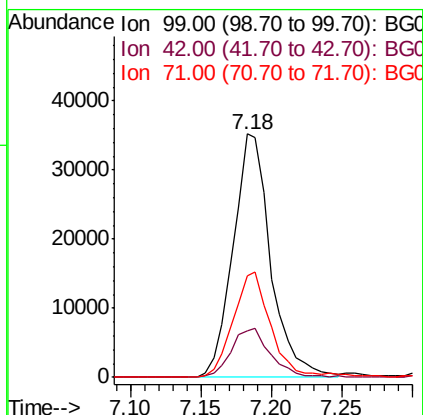
Tot Ion: 99 Resp: 65536

Ion Ratio Lower Upper

99 100

42 18.9 15.8 23.8

71 41.7 34.4 51.6



#8

2-Chlorophenol

Concen: 37.547 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

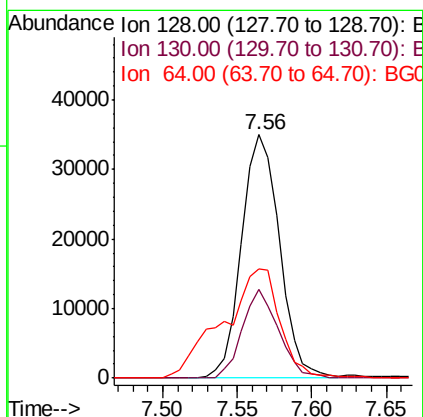
Tgt Ion: 128 Resp: 61634

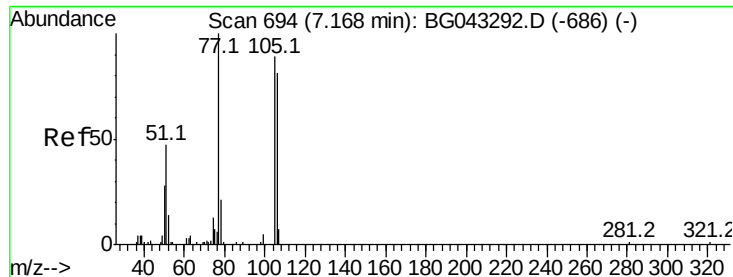
Ion Ratio Lower Upper

128 100

130 36.3 14.5 54.5

64 44.8 29.2 69.2





#9

Benzaldehyde

Concen: 42.641 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

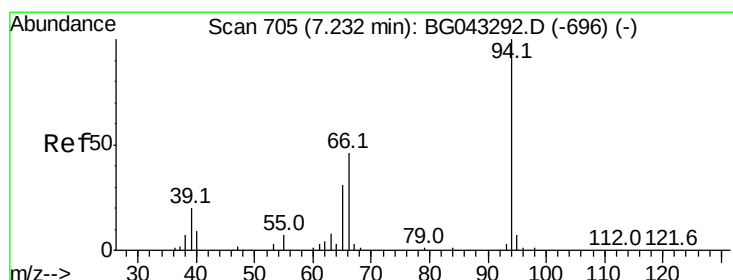
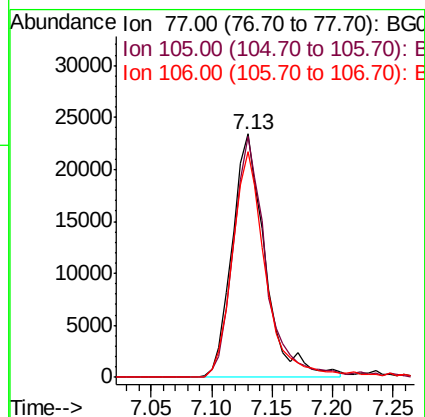
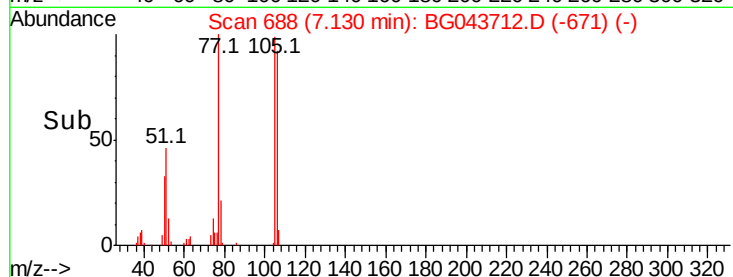
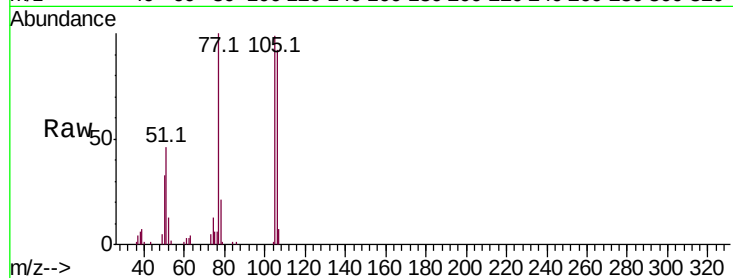
Tot Ion: 77 Resp: 44834

Ion Ratio Lower Upper

77 100

105 99.0 84.9 124.9

106 92.5 75.1 115.1



#10

Phenol

Concen: 11.662 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

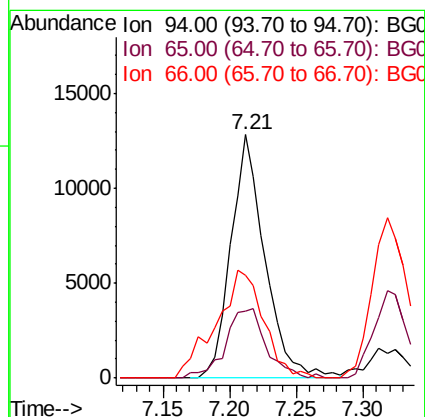
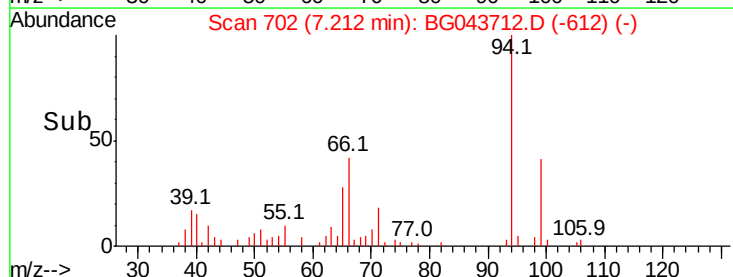
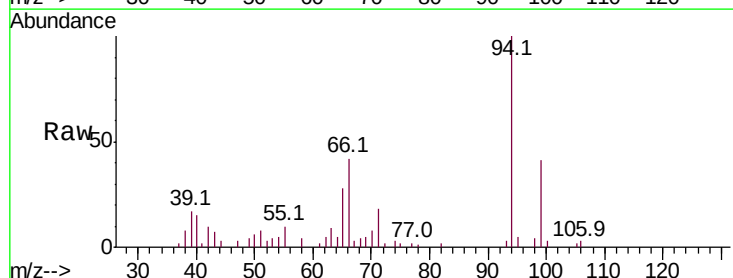
Tgt Ion: 94 Resp: 22799

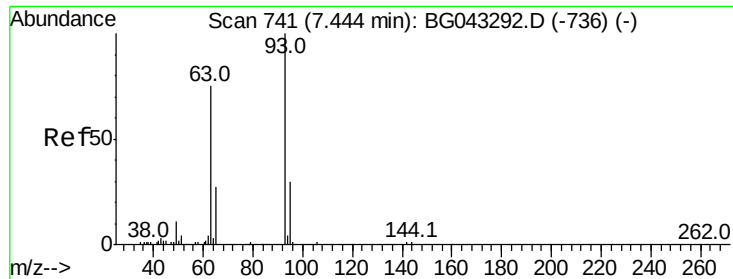
Ion Ratio Lower Upper

94 100

65 27.6 11.4 51.4

66 42.4 28.4 68.4





#11

bis(2-Chloroethyl)ether

Concen: 43.836 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

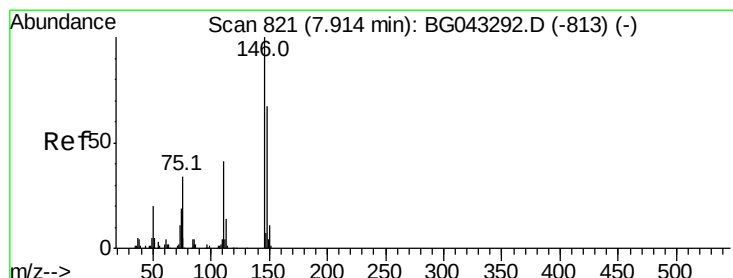
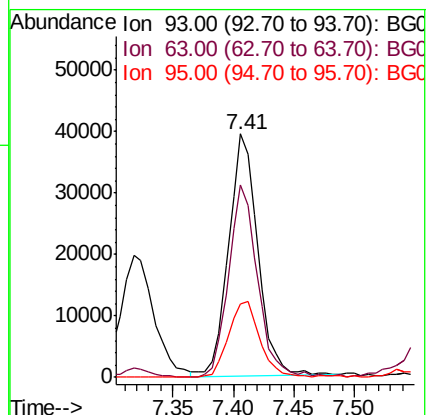
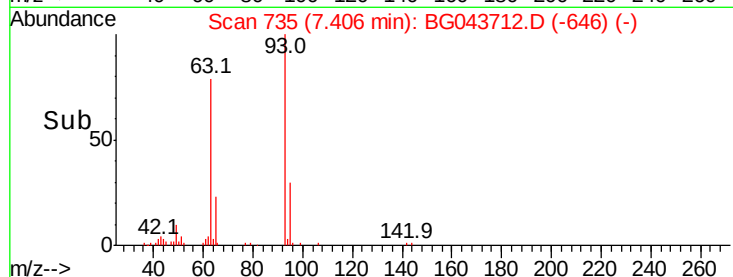
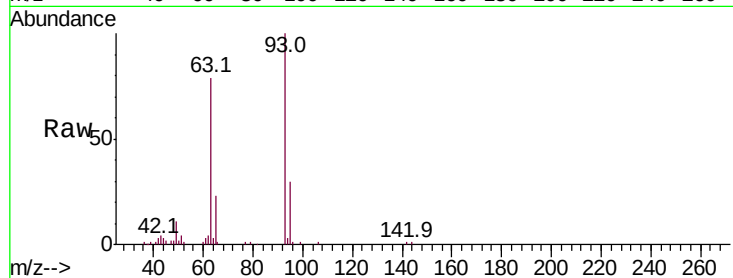
Tot Ion: 93 Resp: 66259

Ion Ratio Lower Upper

93 100

63 79.1 54.9 94.9

95 30.0 7.2 47.2



#12

1,3-Dichlorobenzene

Concen: 39.416 ng

RT: 7.88 min Scan# 816

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

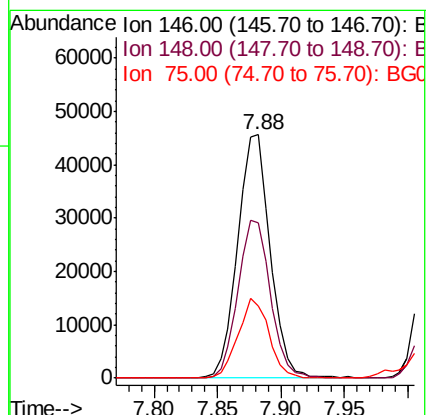
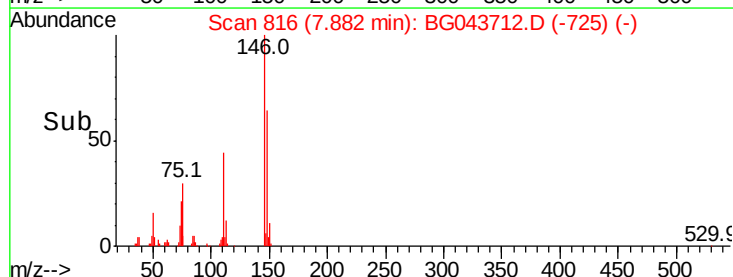
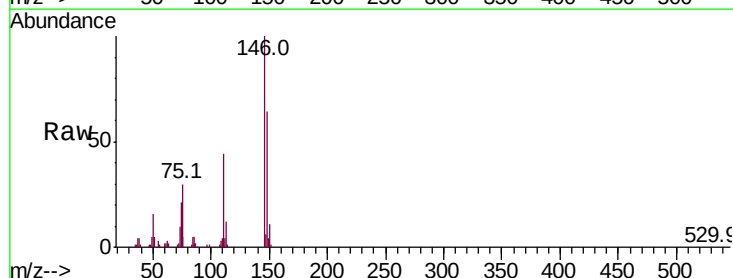
Tgt Ion: 146 Resp: 81066

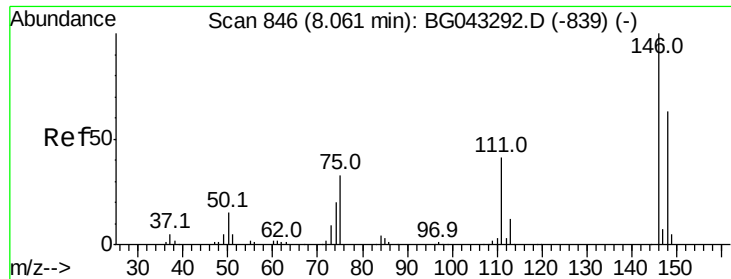
Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.2

75 29.6 26.2 39.2

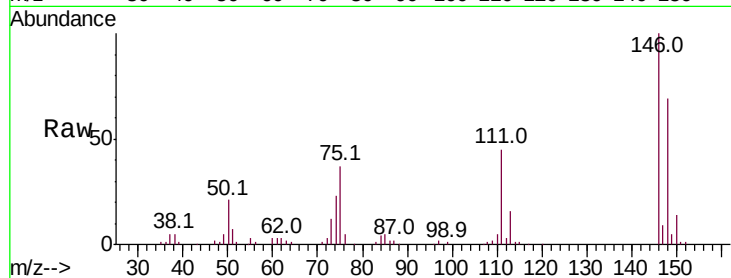




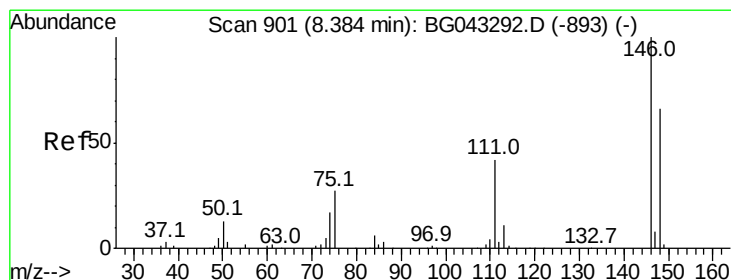
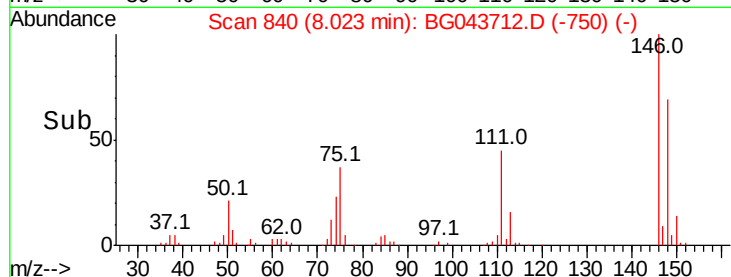
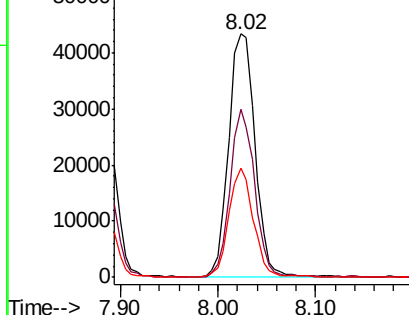
#13
 1,4-Dichlorobenzene
 Concen: 39.245 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 81664
 Ion Ratio Lower Upper
 146 100
 148 68.9 51.0 76.6
 111 44.7 34.3 51.5

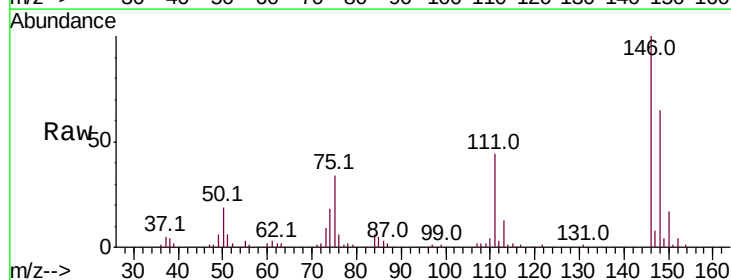


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

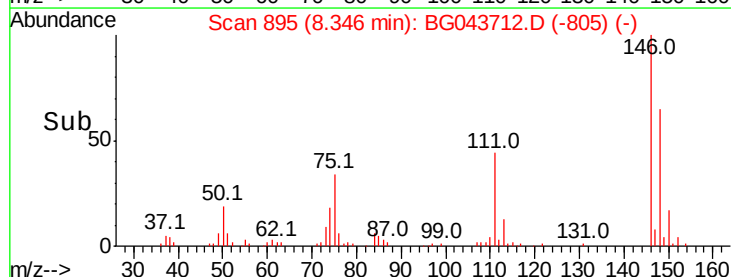
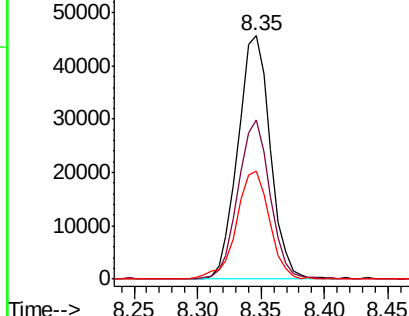


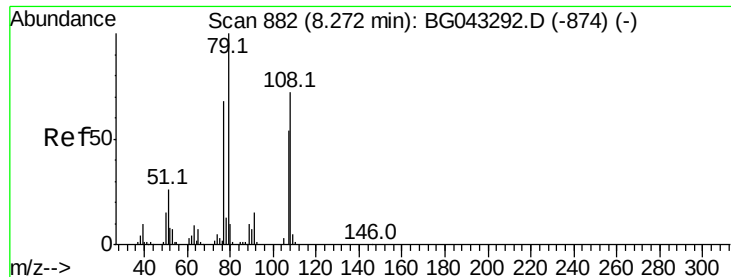
#14
 1,2-Dichlorobenzene
 Concen: 40.029 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion:146 Resp: 81327
 Ion Ratio Lower Upper
 146 100
 148 65.5 53.4 80.2
 111 44.2 35.3 52.9



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: 32.040 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

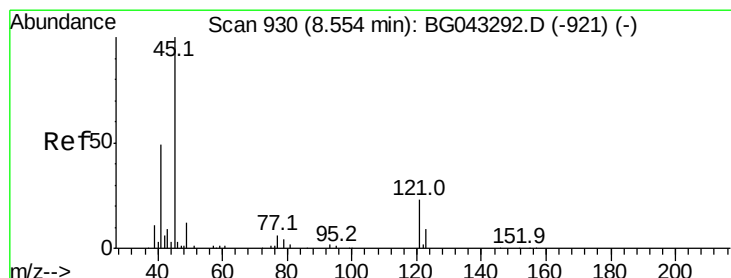
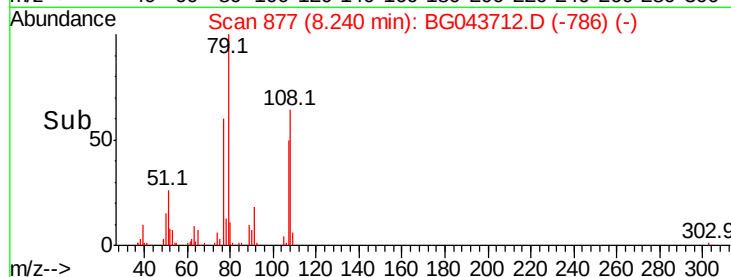
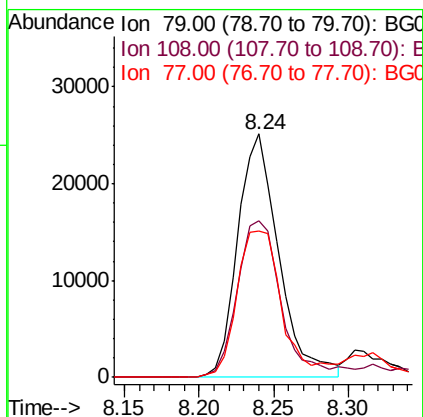
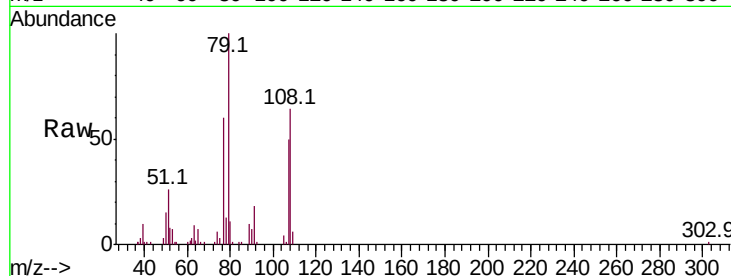
Tot Ion: 79 Resp: 48142

Ion Ratio Lower Upper

79 100

108 64.4 56.0 84.0

77 60.2 47.9 71.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.959 ng

RT: 8.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

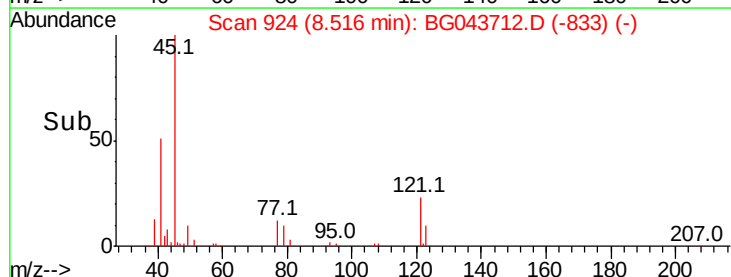
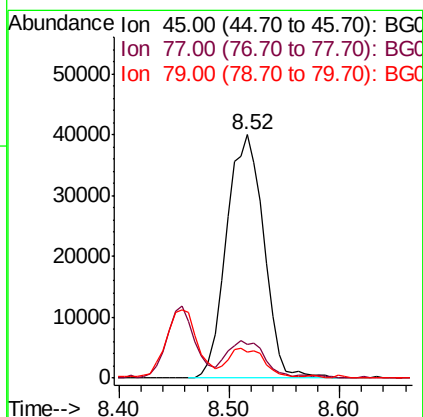
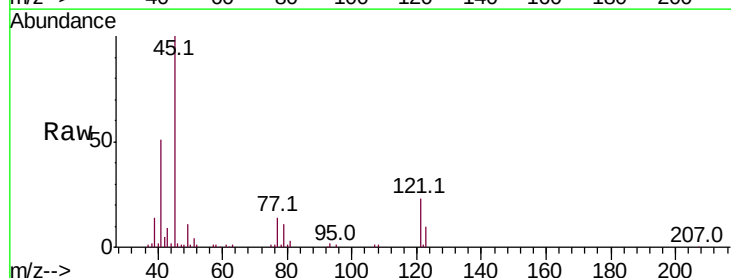
Tgt Ion: 45 Resp: 94418

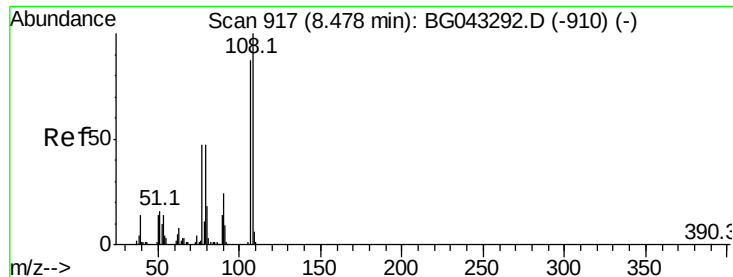
Ion Ratio Lower Upper

45 100

77 13.8 0.0 35.2

79 11.0 0.0 32.4





#17

2-Methylphenol

Concen: 29.691 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG043712.D

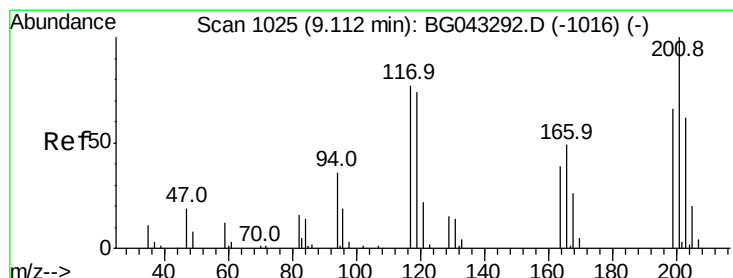
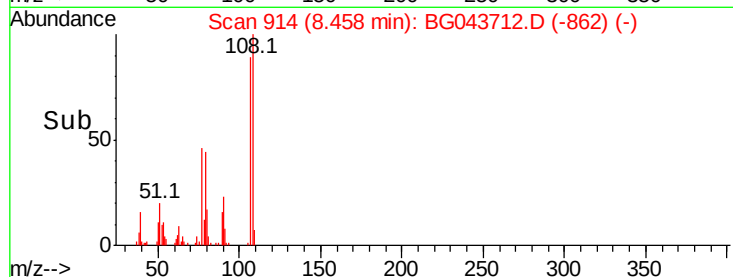
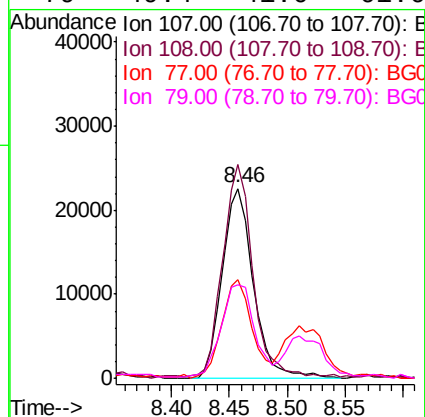
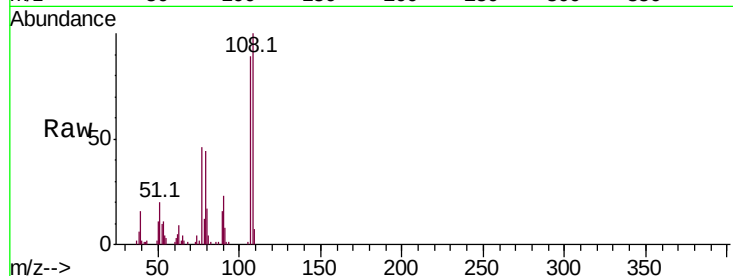
Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	42317
Ion	Ratio	Lower	Upper
107	100		
108	112.7	84.7	127.1
77	52.2	46.2	69.4
79	49.4	41.0	61.6



#18

Hexachloroethane

Concen: 37.607 ng

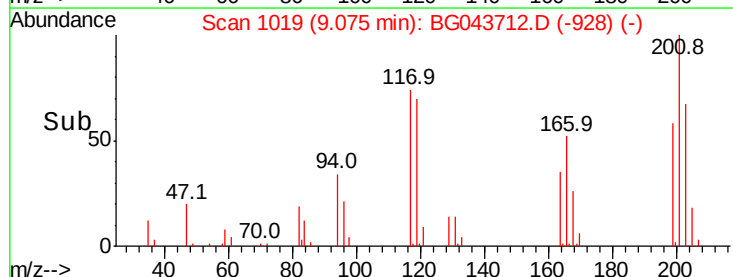
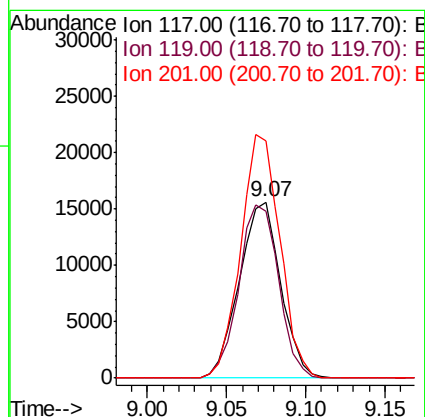
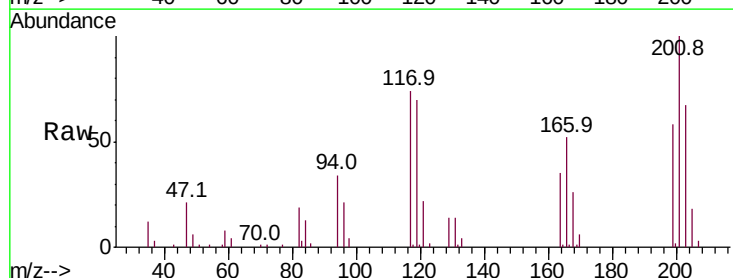
RT: 9.07 min Scan# 1019

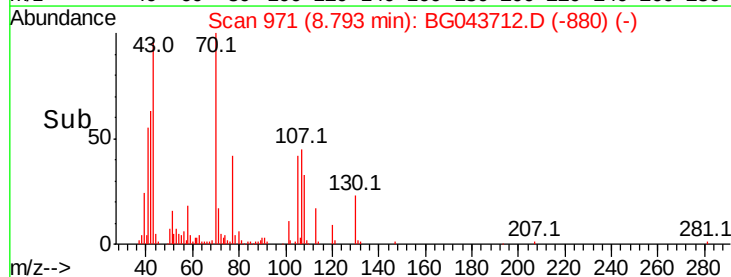
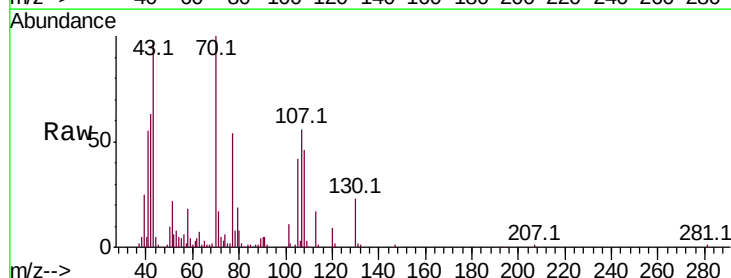
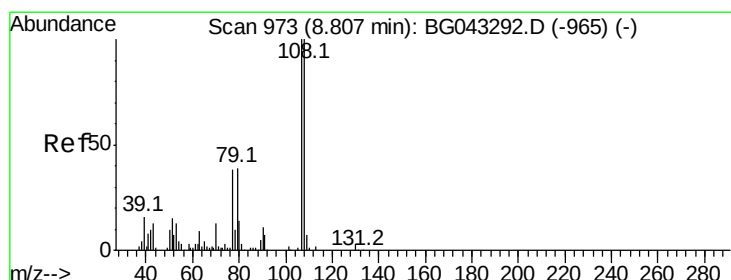
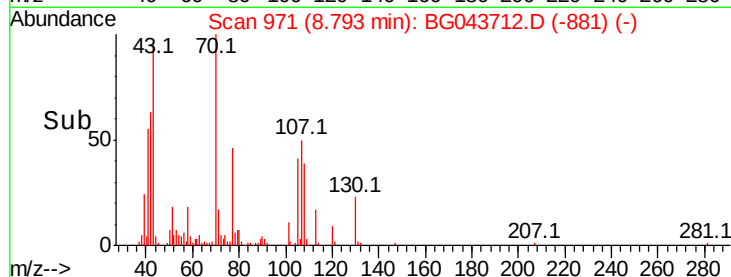
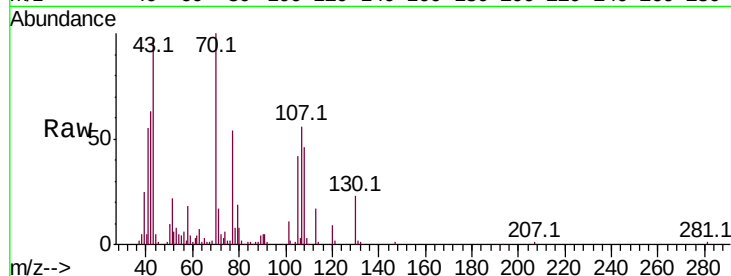
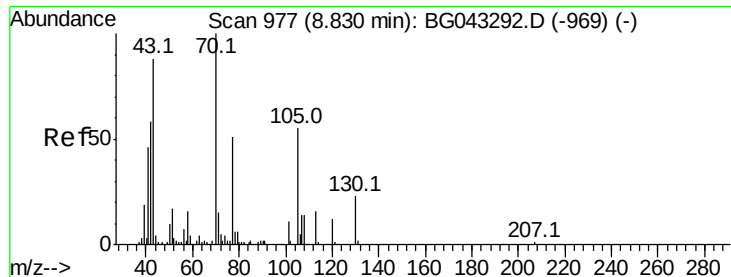
Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Tgt Ion:	117	Resp:	28233
Ion	Ratio	Lower	Upper
117	100		
119	93.2	81.7	122.5
201	132.5	98.6	147.8

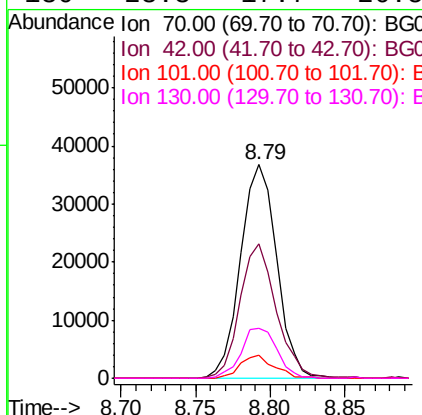




#19
n-Nitroso-di-n-propylamine
Concen: 44.786 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

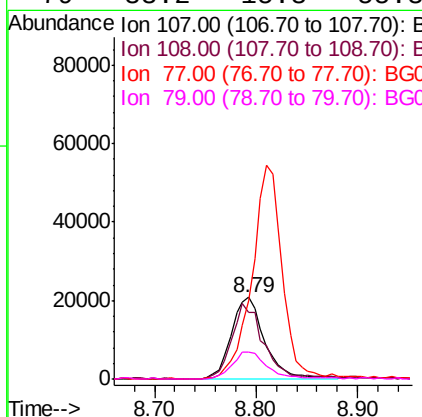
Instrument :
BNA_G
ClientSampleId :

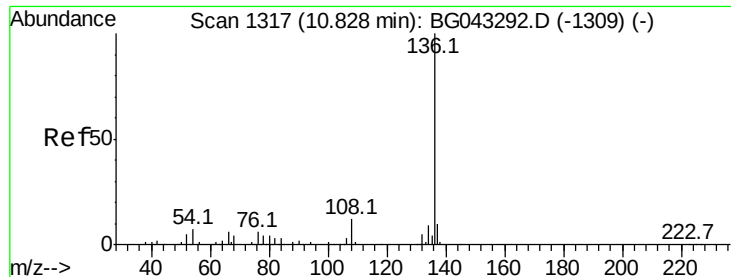
Tot Ion: 70 Resp: 61916
Ion Ratio Lower Upper
70 100
42 62.8 49.7 74.5
101 10.9 9.7 14.5
130 23.3 17.7 26.5



#20
3+4-Methylphenols
Concen: 24.389 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion: 107 Resp: 47664
Ion Ratio Lower Upper
107 100
108 82.1 69.5 109.5
77 96.6 32.8 72.8#
79 33.2 15.3 55.3

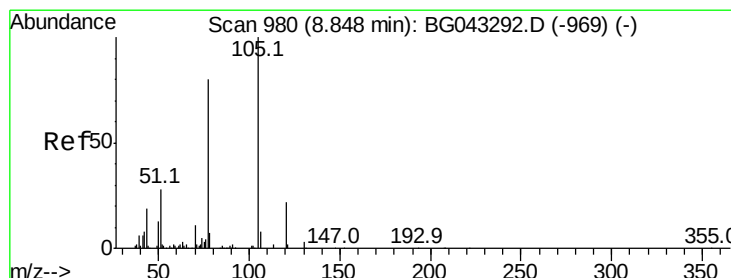
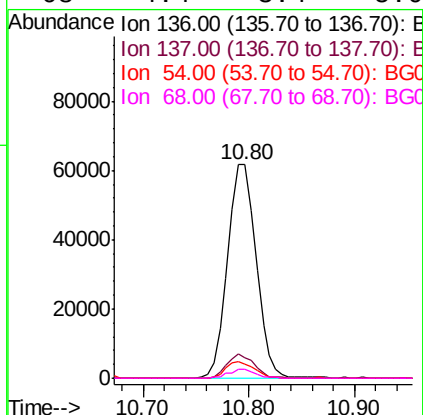
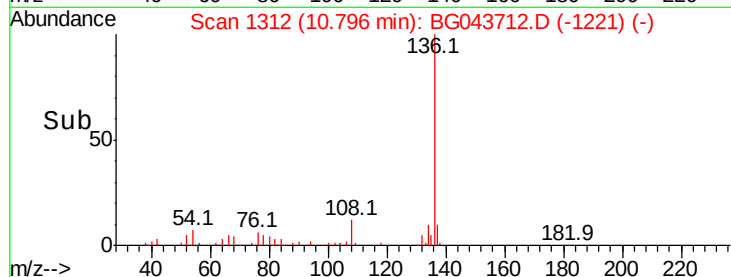
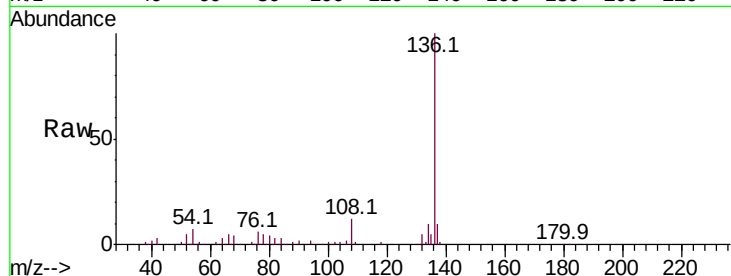




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

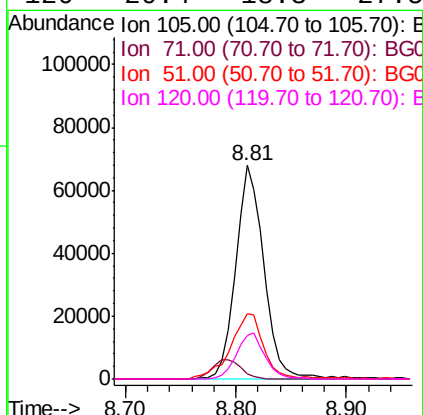
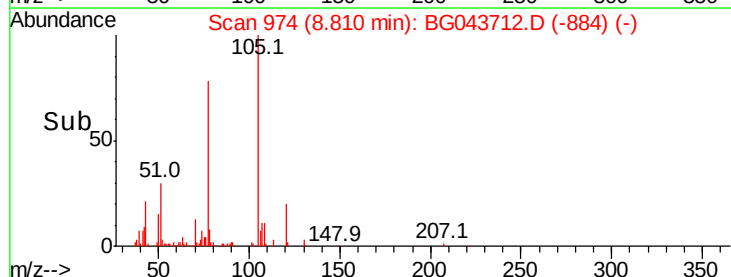
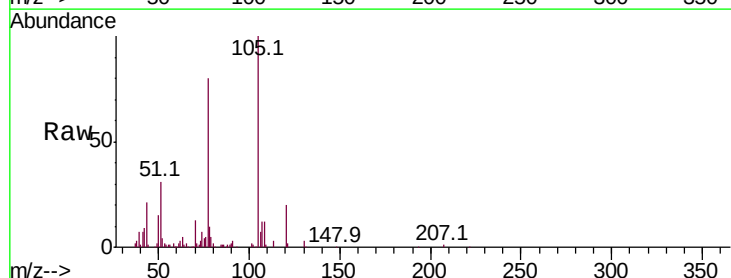
Instrument :
BNA_G
ClientSampleId :

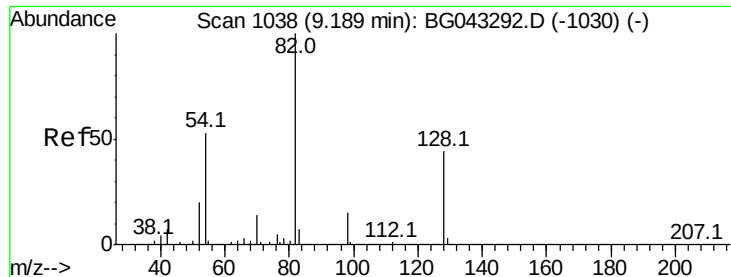
Tot Ion:136	Resp:	115928
Ion Ratio	Lower	Upper
136 100		
137 9.7	8.8	13.2
54 6.5	6.2	9.2
68 4.4	3.4	5.0



#22
Acetophenone
Concen: 40.859 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion:105	Resp:	121302
Ion Ratio	Lower	Upper
105 100		
71 2.4	1.5	2.3#
51 30.7	25.0	37.6
120 20.4	18.3	27.5





#23

Nitrobenzene-d5

Concen: 83.437 ng

RT: 9.15 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

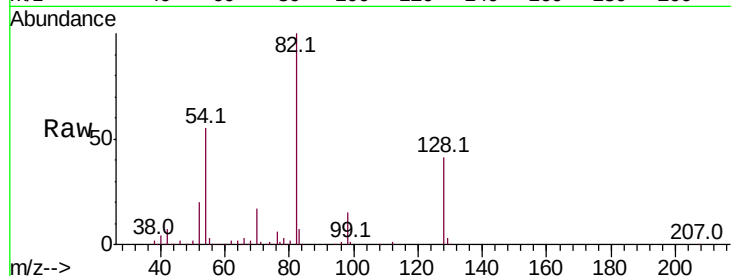
Tot Ion: 82 Resp: 187621

Ion Ratio Lower Upper

82 100

128 40.9 34.2 51.4

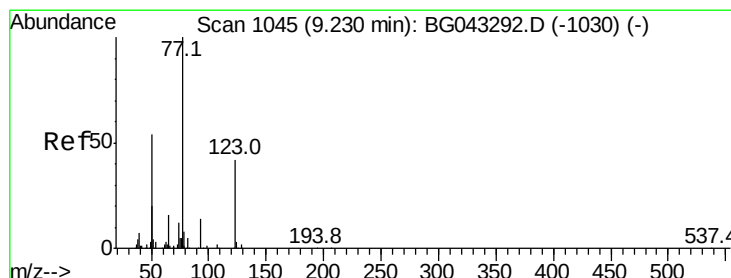
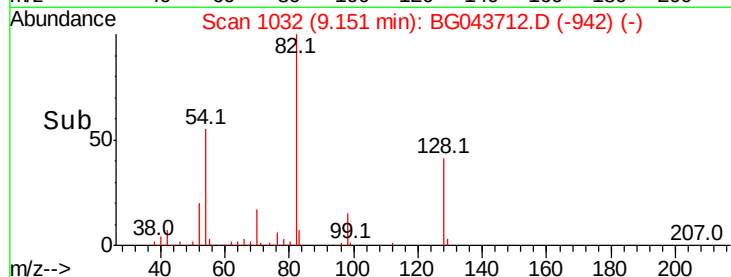
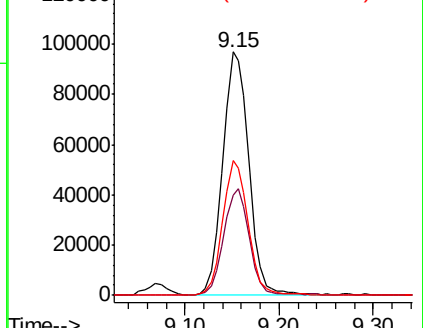
54 55.2 44.7 67.1



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: 42.663 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

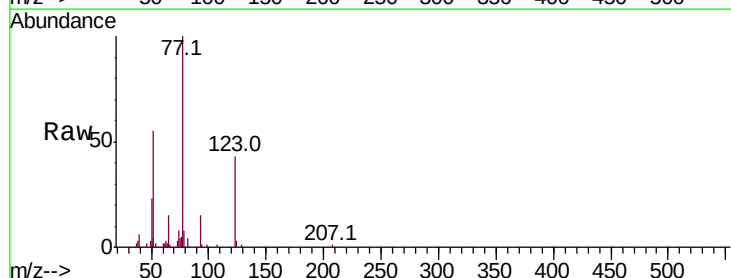
Tgt Ion: 77 Resp: 91388

Ion Ratio Lower Upper

77 100

123 43.4 33.6 50.4

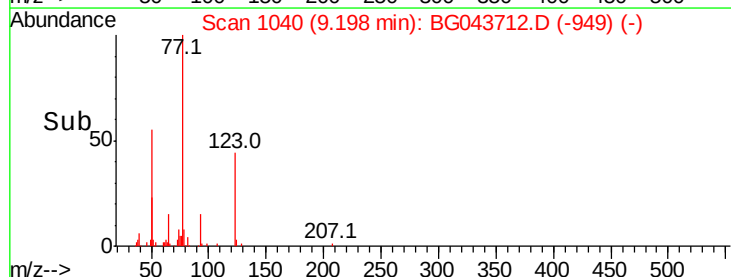
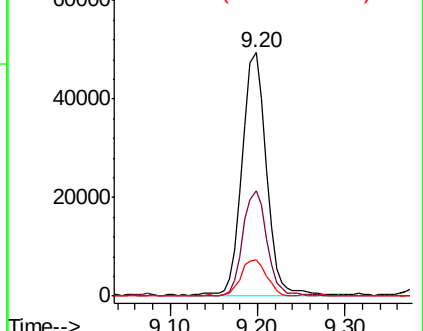
65 15.0 12.9 19.3

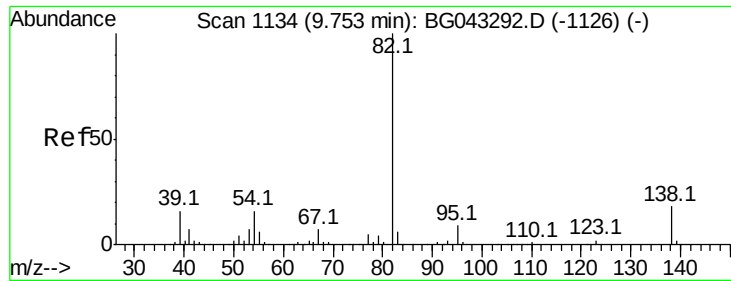


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 42.596 ng

RT: 9.71 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

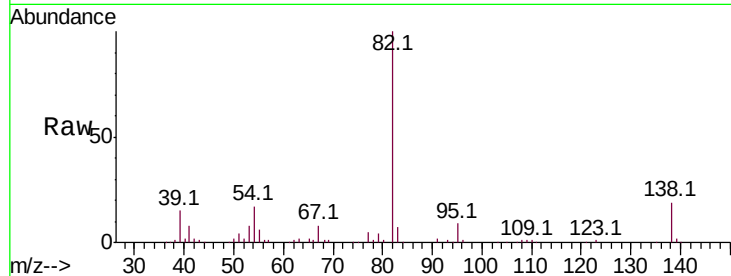
Tot Ion: 82 Resp: 175117

Ion Ratio Lower Upper

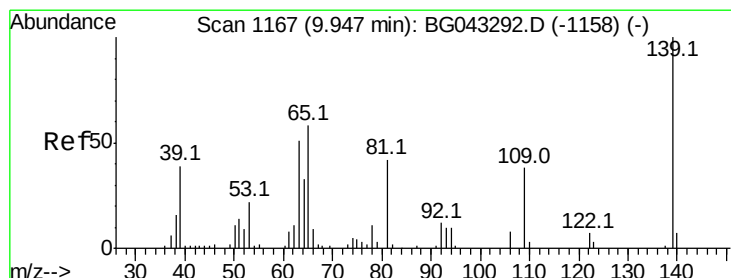
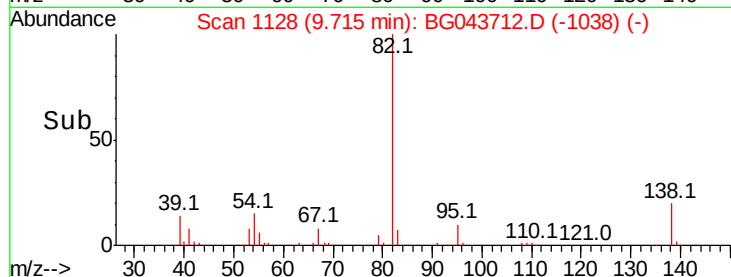
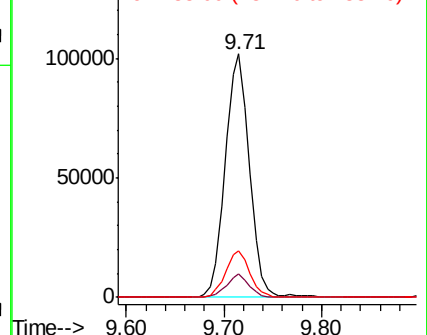
82 100

95 9.4 7.4 11.0

138 19.2 15.1 22.7



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: 42.791 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

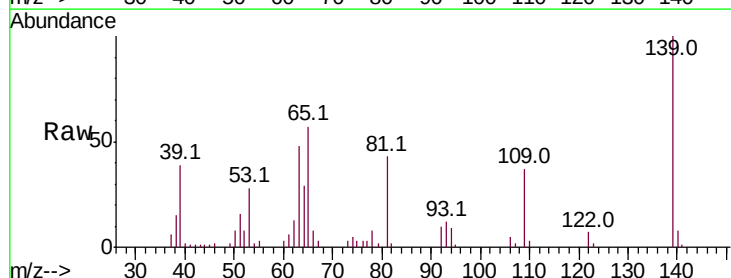
Tgt Ion:139 Resp: 44253

Ion Ratio Lower Upper

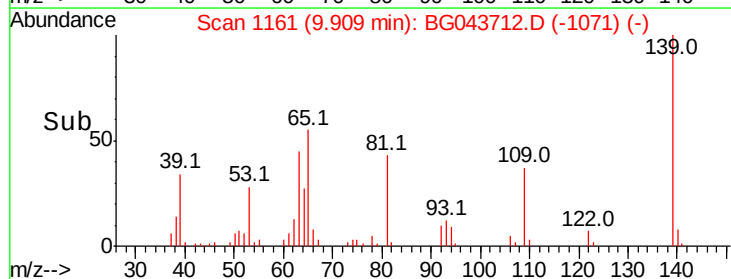
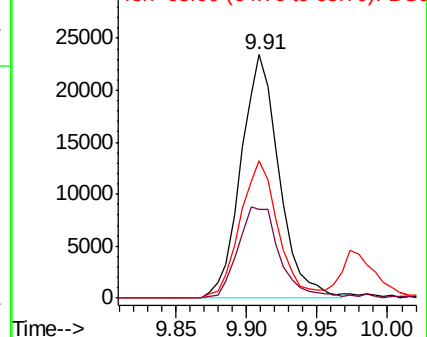
139 100

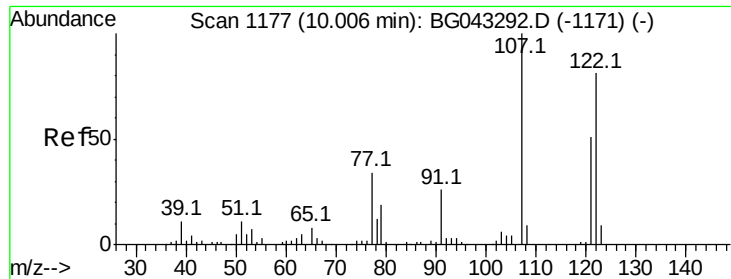
109 36.5 32.6 48.8

65 56.7 47.6 71.4



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

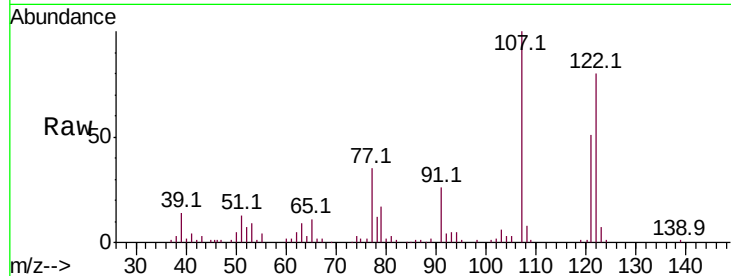




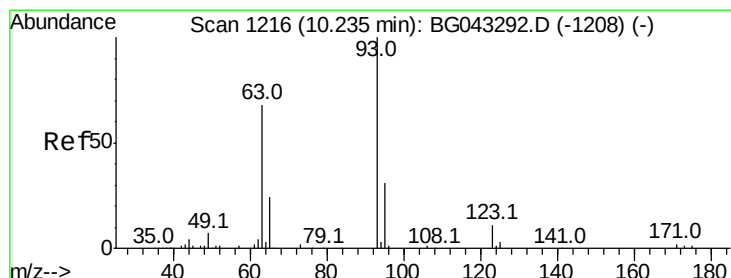
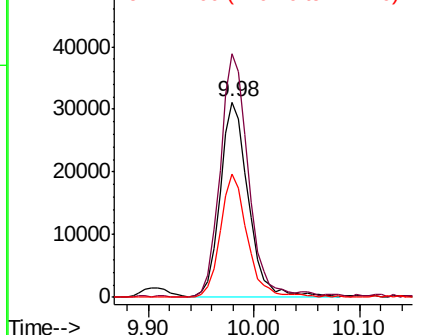
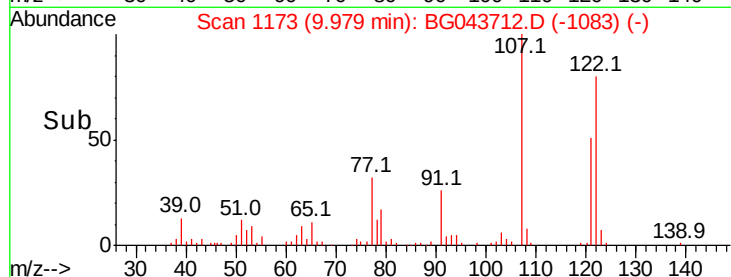
#27
 2,4-Dimethylphenol
 Concen: 38.858 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 57597
 Ion Ratio Lower Upper
 122 100
 107 124.8 100.7 151.1
 121 63.4 47.0 70.4

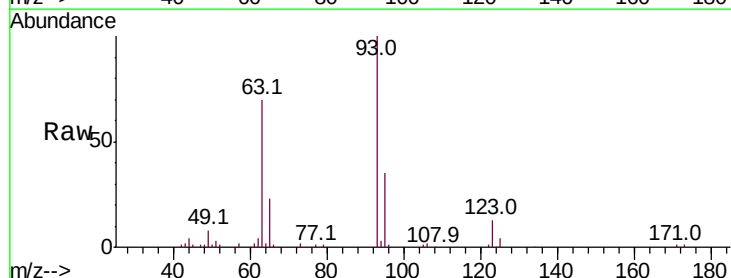


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

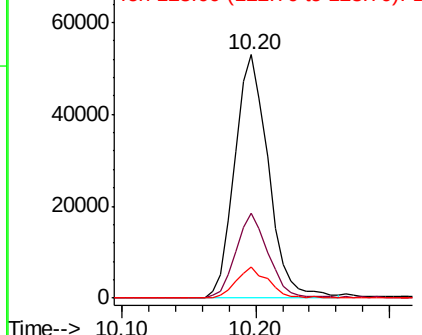
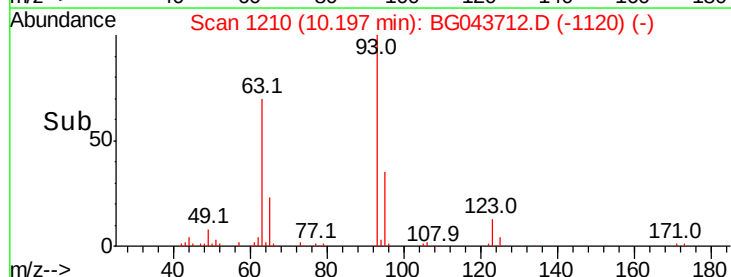


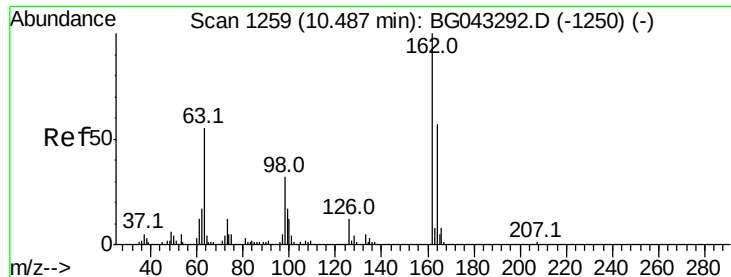
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.982 ng
 RT: 10.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion: 93 Resp: 92988
 Ion Ratio Lower Upper
 93 100
 95 34.9 27.5 41.3
 123 13.0 10.7 16.1



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

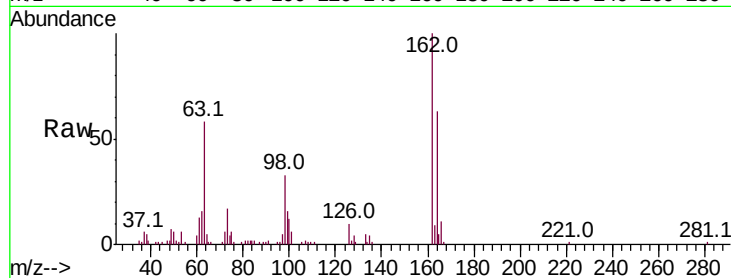




#29
2,4-Dichlorophenol
Concen: 41.010 ng
RT: 10.46 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	45.4	85.4
98	33.0	10.1	50.1

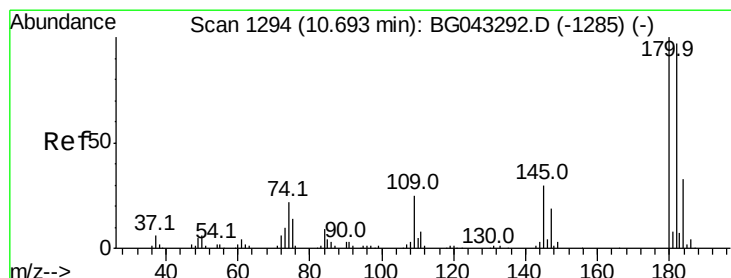
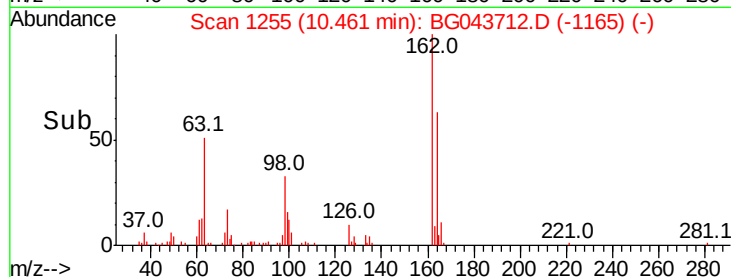
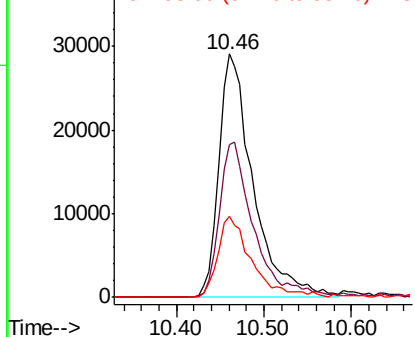


Abundance

Ion 162.00 (161.70 to 162.70): E

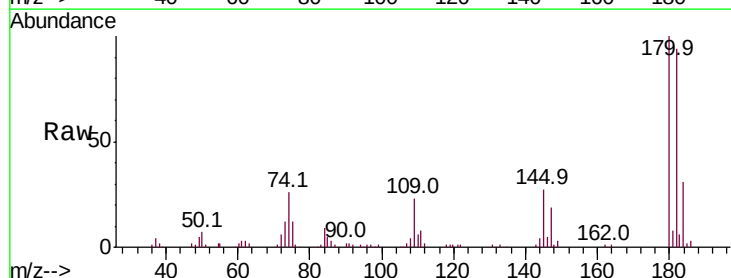
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 39.587 ng
RT: 10.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	74.5	111.7
145	26.7	21.4	32.0

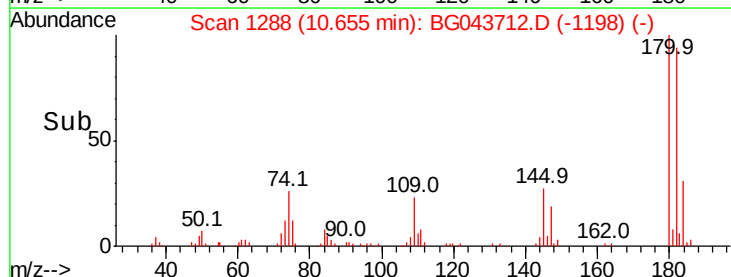
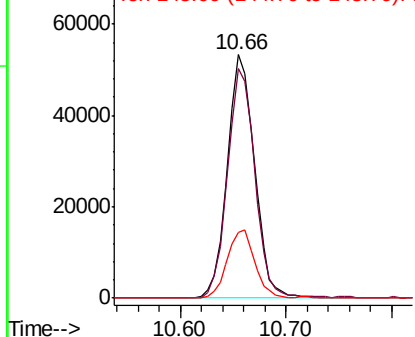


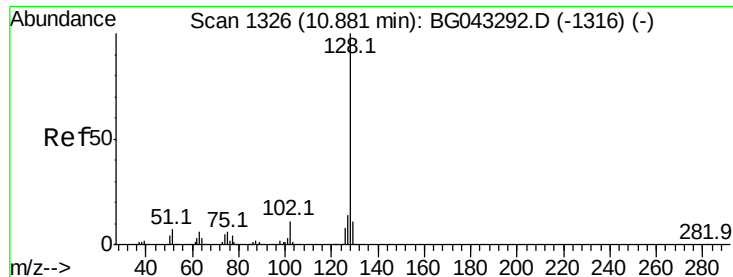
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

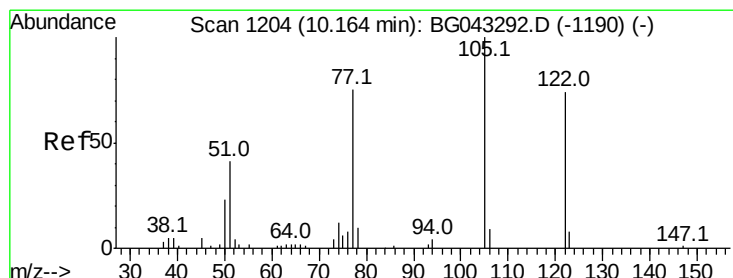
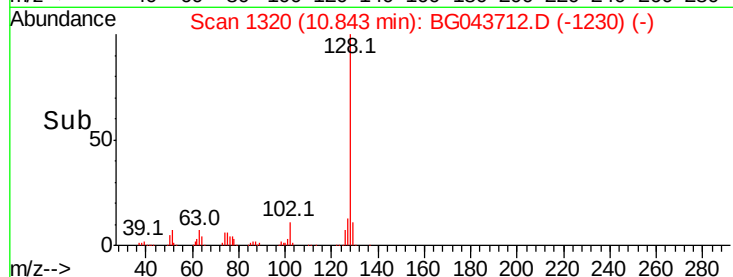
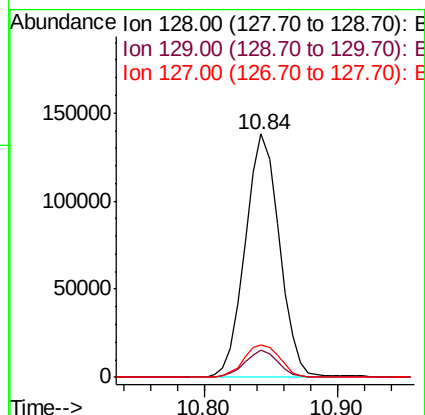
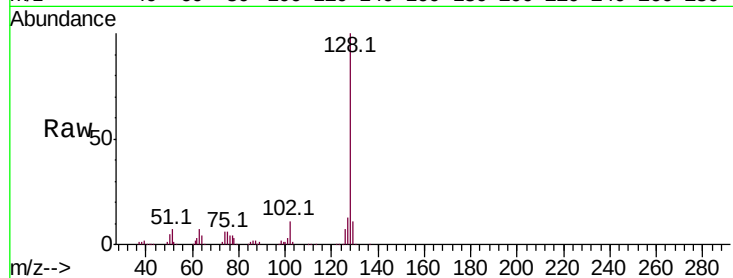




#31
Naphthalene
Concen: 41.599 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

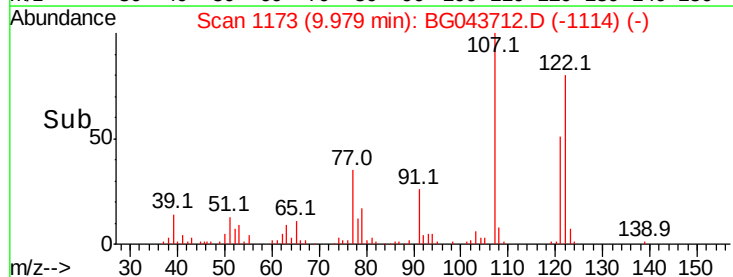
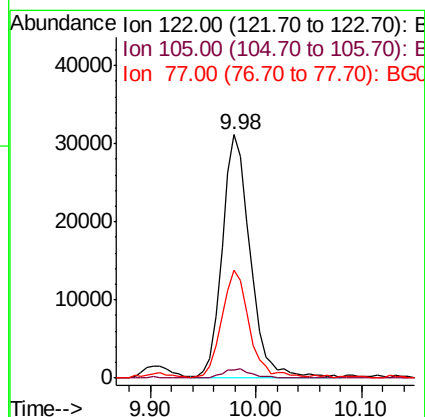
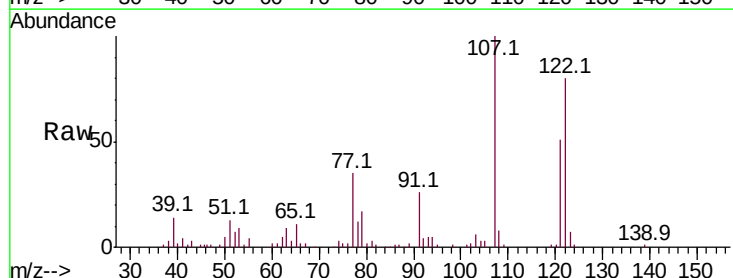
Instrument :
BNA_G
ClientSampleId :

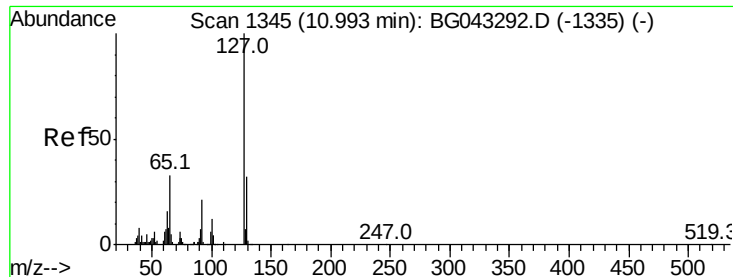
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.2	11.0	16.4



#32
Benzoic acid
Concen: 50.346 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.18 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.3	101.8	141.8#
77	44.3	86.8	126.8#

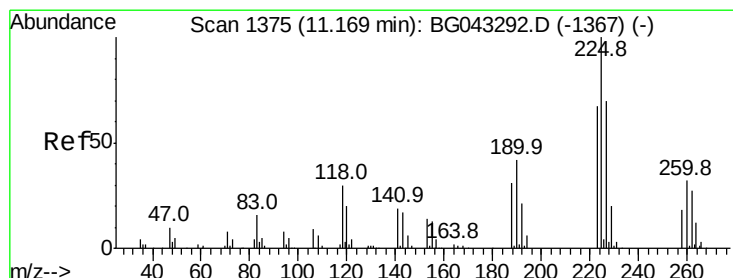
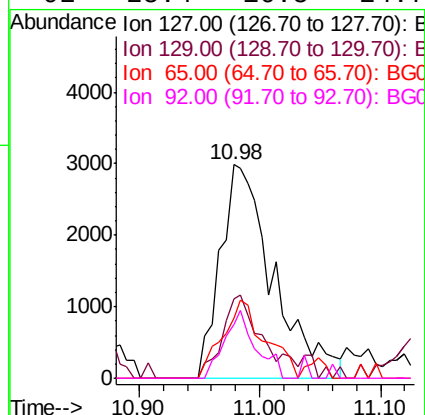
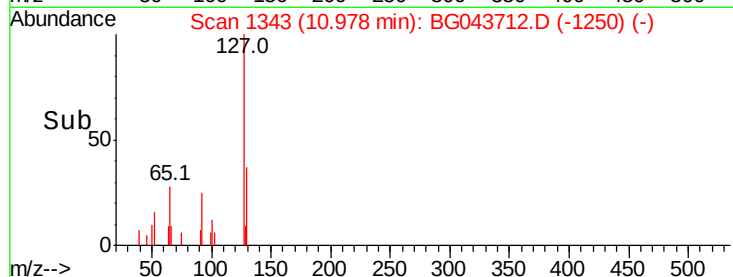
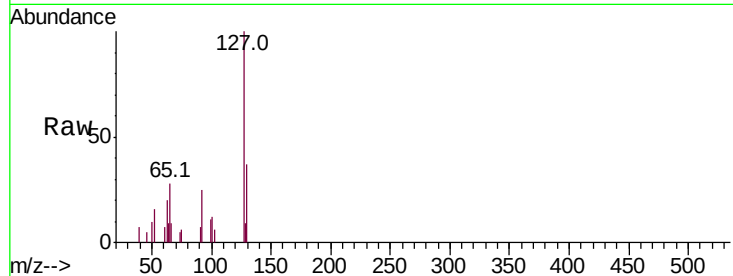




#33
4-Chloroaniline
Concen: 3.739 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

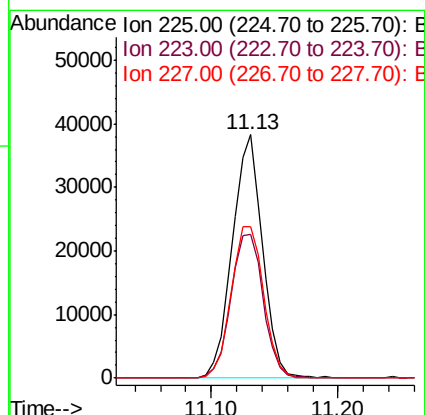
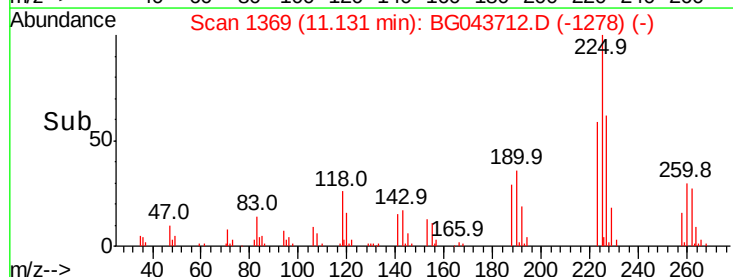
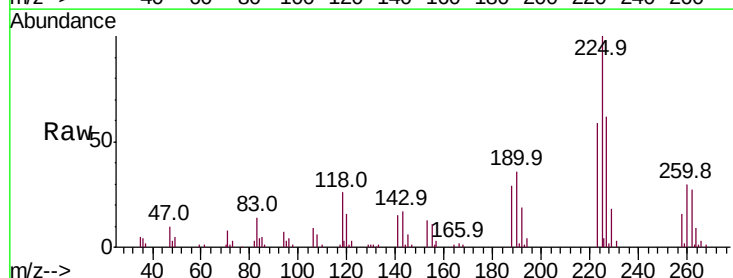
Instrument :
BNA_G
ClientSampleId :

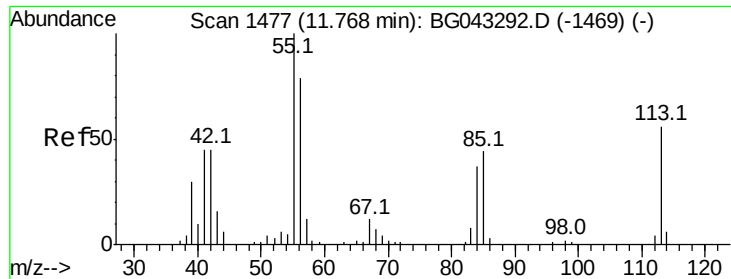
Tot Ion:127	Resp:	9020
Ion Ratio	Lower	Upper
127	100	
129	36.9	28.0 42.0
65	28.1	28.3 42.5#
92	25.4	16.5 24.7#



#34
Hexachlorobutadiene
Concen: 35.361 ng
RT: 11.13 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion:225	Resp:	62569
Ion Ratio	Lower	Upper
225	100	
223	58.9	48.6 73.0
227	62.4	49.1 73.7





#35

Caprolactam

Concen: 8.843 ng

RT: 11.73 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampled :

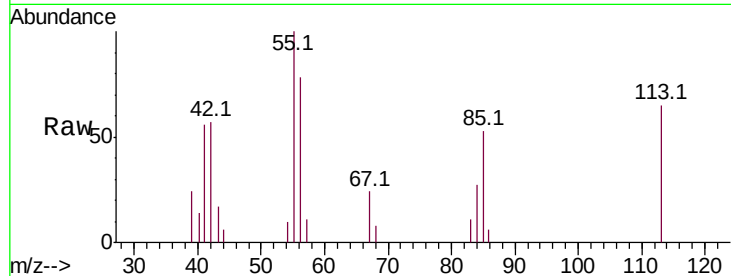
Tot Ion:113 Resp: 5784

Ion Ratio Lower Upper

113 100

55 154.3 154.4 194.4#

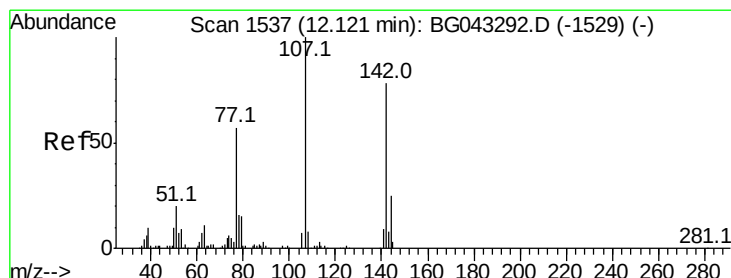
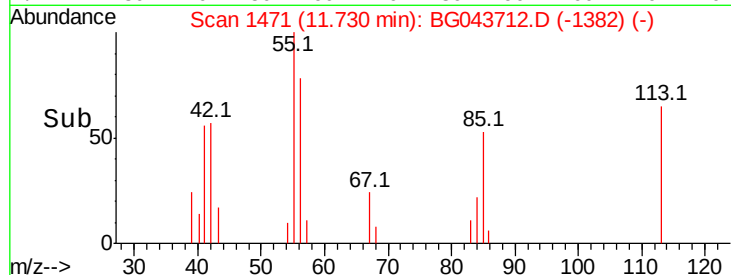
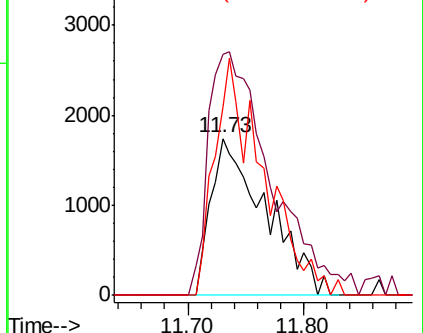
56 120.5 112.9 152.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 37.253 ng

RT: 12.10 min Scan# 1534

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

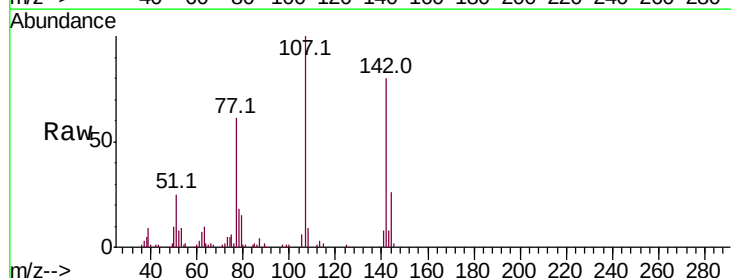
Tgt Ion:107 Resp: 77172

Ion Ratio Lower Upper

107 100

144 26.5 21.7 32.5

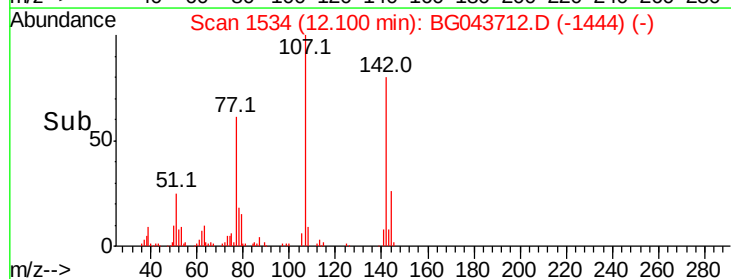
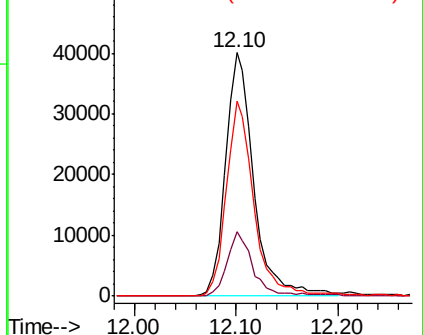
142 80.3 67.2 100.8

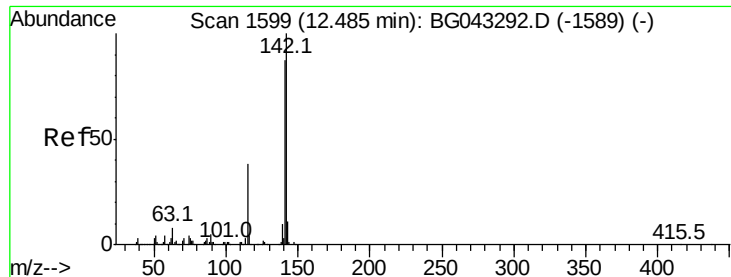


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

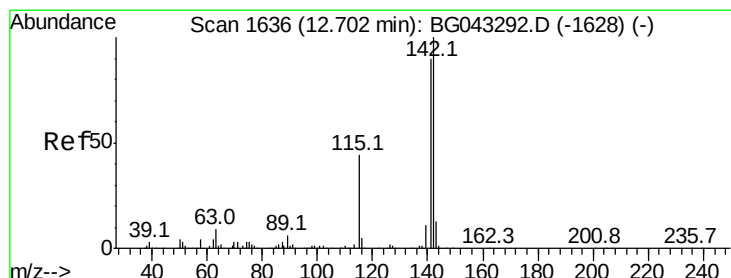
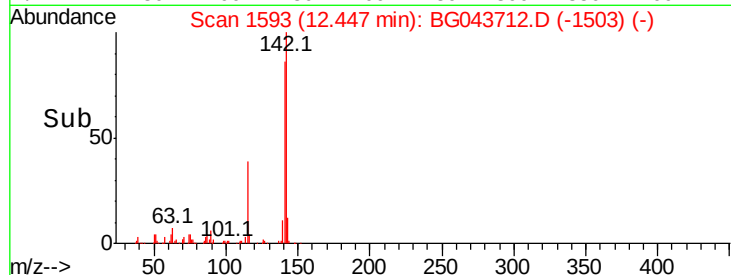
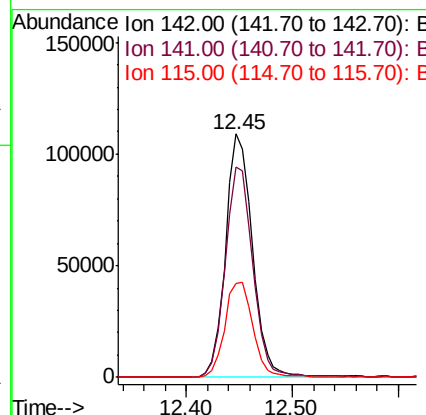
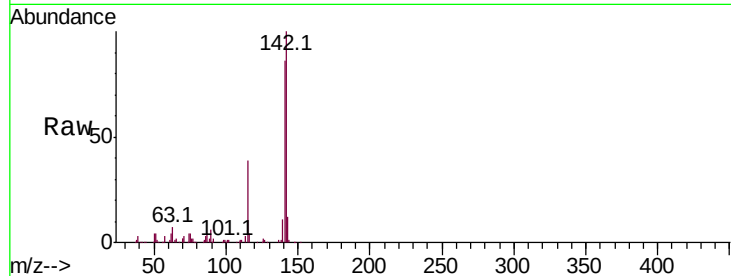




#37
2-Methylnaphthalene
Concen: 42.817 ng
RT: 12.45 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

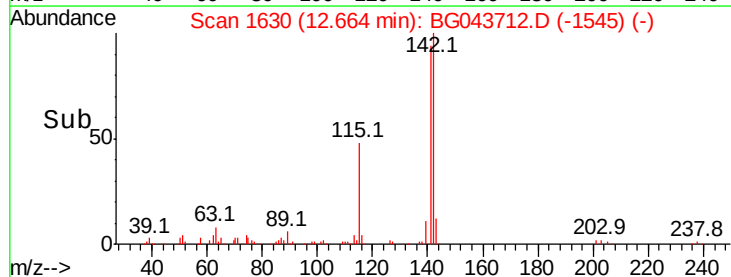
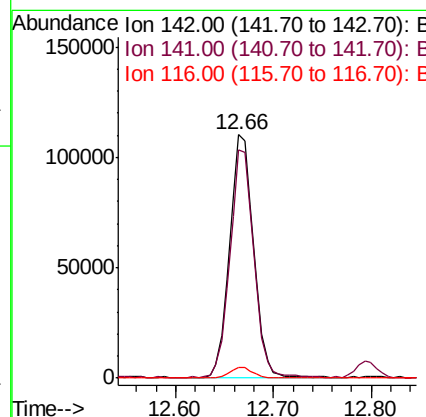
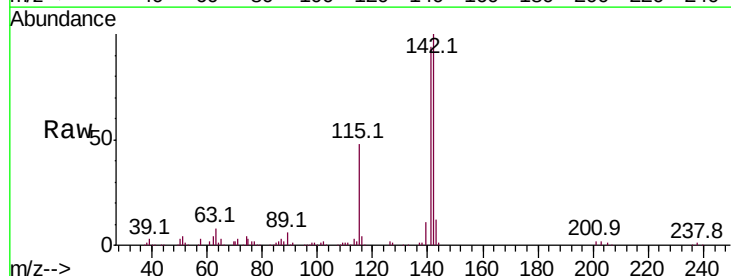
Instrument :
BNA_G
ClientSampled :

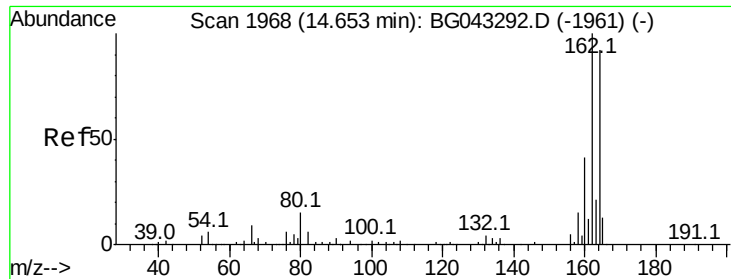
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.4	71.2	106.8
115	38.6	31.9	47.9



#38
1-Methylnaphthalene
Concen: 43.414 ng
RT: 12.66 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	74.5	111.7
116	4.3	3.8	5.6

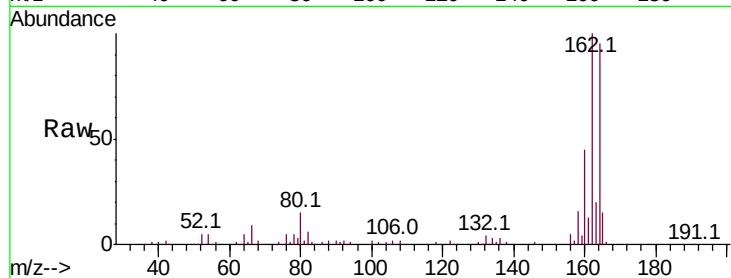




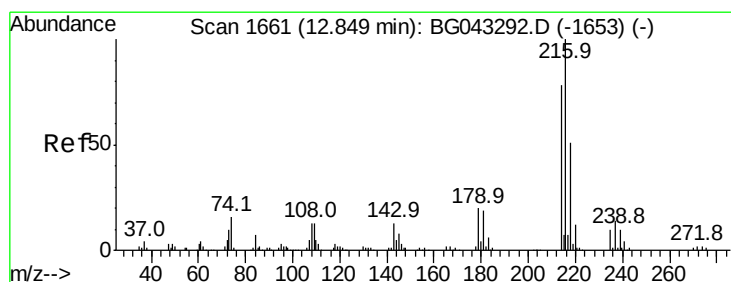
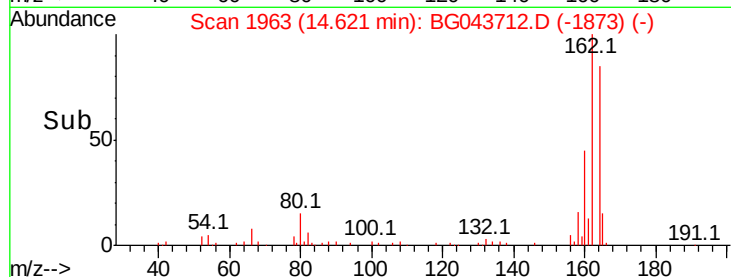
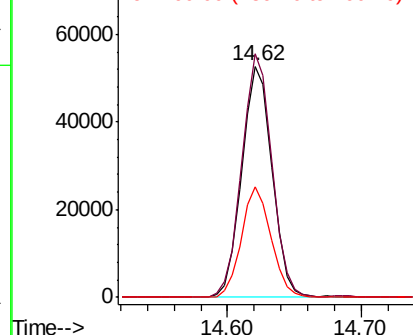
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 82601
 Ion Ratio Lower Upper
 164 100
 162 105.3 79.4 119.2
 160 47.7 36.3 54.5

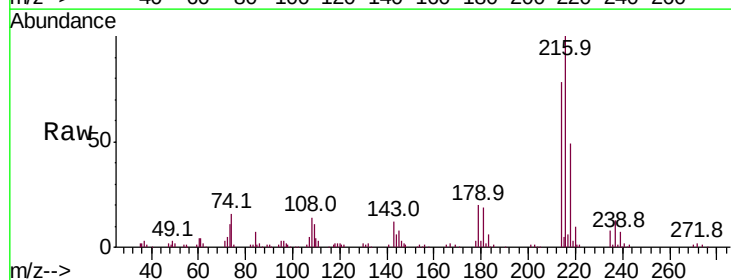


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

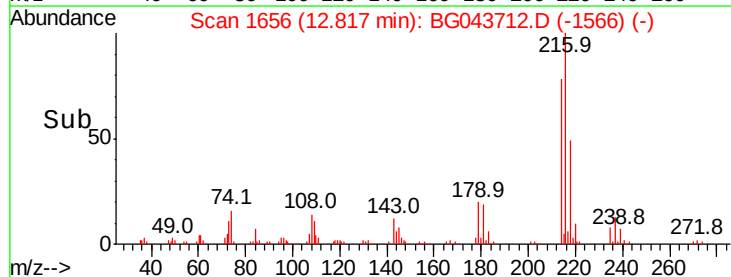
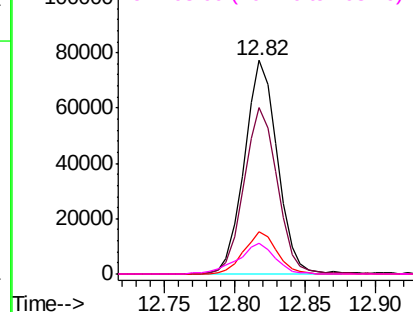


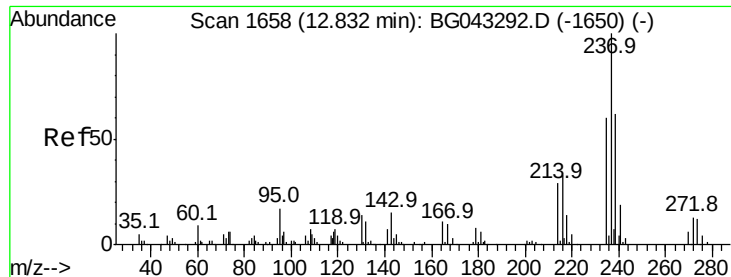
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.375 ng
 RT: 12.82 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion:216 Resp: 126480
 Ion Ratio Lower Upper
 216 100
 214 78.3 62.8 94.2
 179 19.6 16.5 24.7
 108 16.3 12.7 19.1



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: 71.513 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

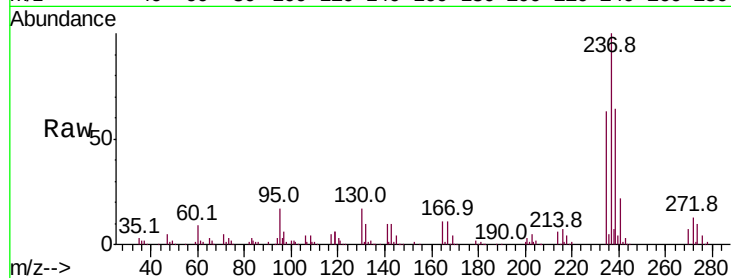
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 114837

Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.2	82.2
272	12.6	0.0	32.6

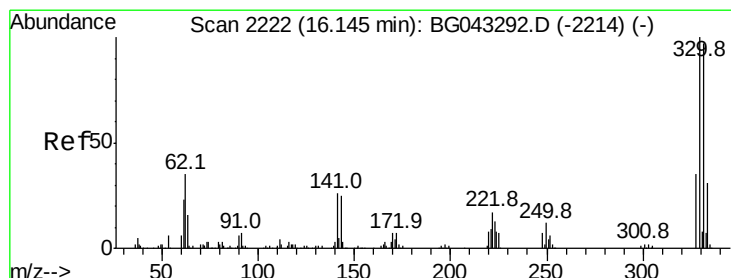
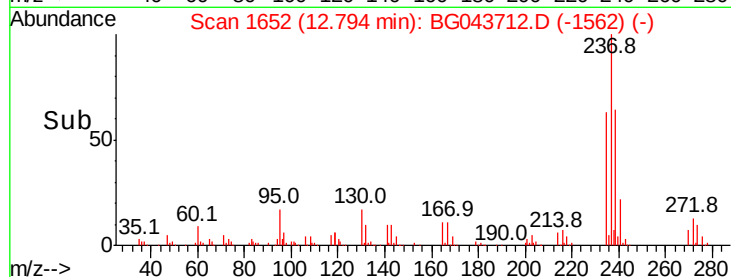
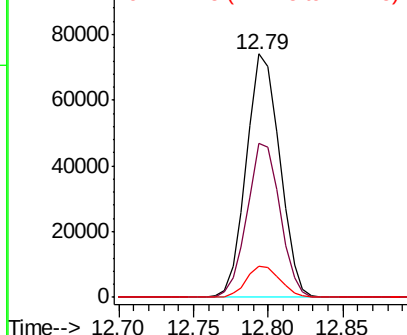


Abundance

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: 115.819 ng

RT: 16.12 min Scan# 2218

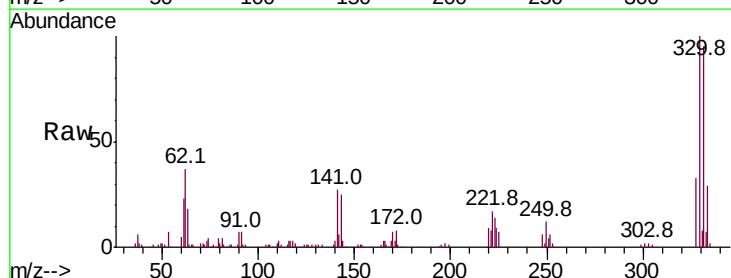
Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Tgt Ion:330 Resp: 182056

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	29.5	23.4	35.2

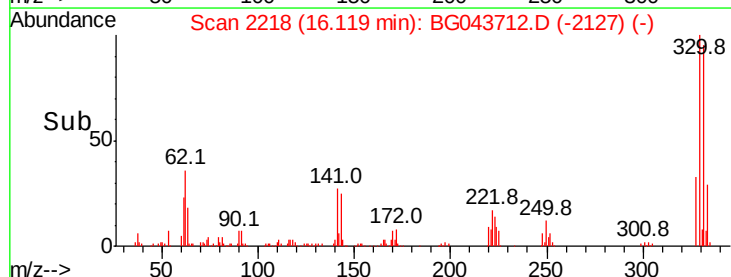
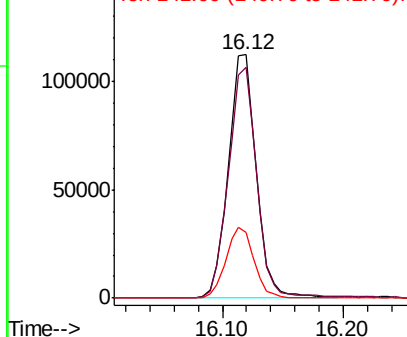


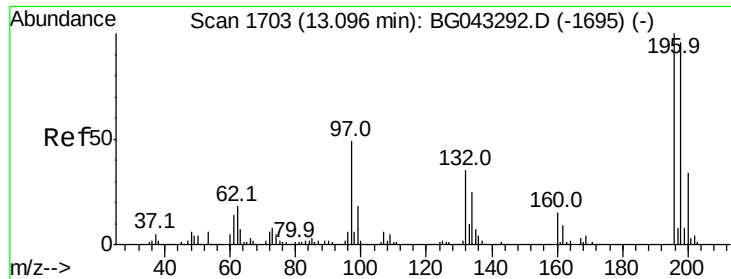
Abundance

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

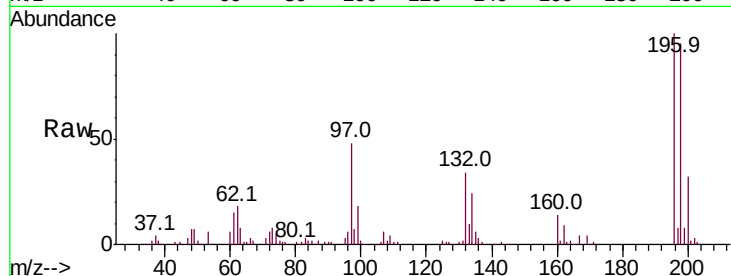




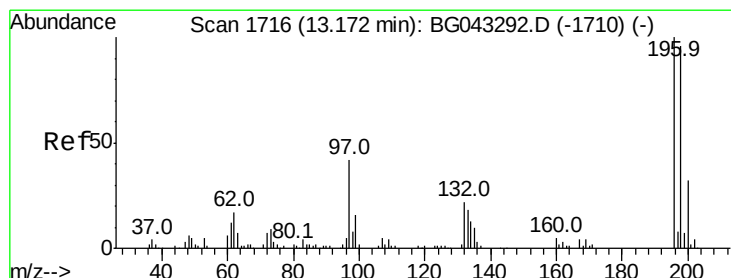
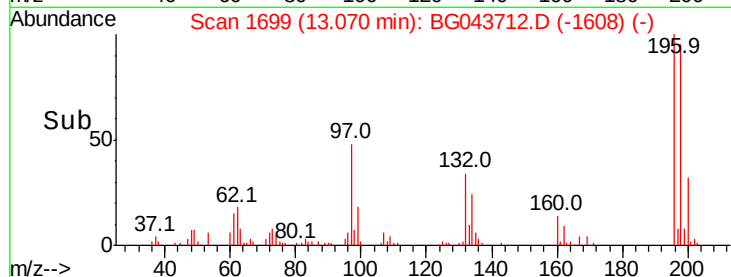
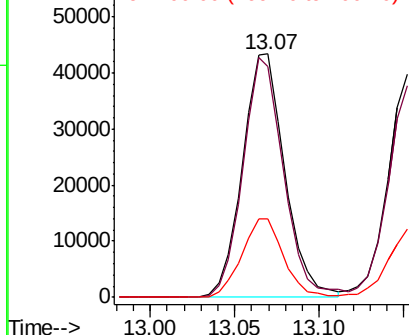
#43
 2,4,6-Trichlorophenol
 Concen: 42.016 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 75640
 Ion Ratio Lower Upper
 196 100
 198 94.8 81.3 121.9
 200 32.3 28.2 42.2



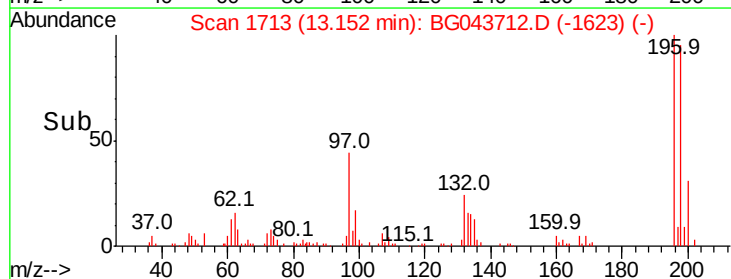
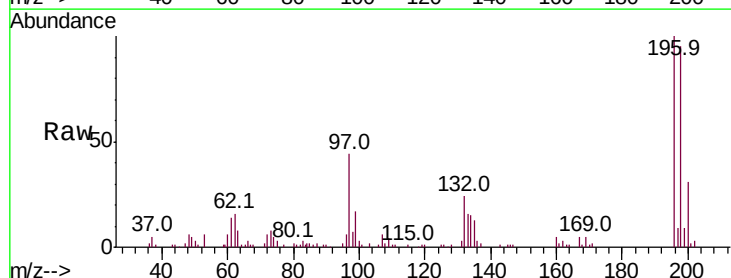
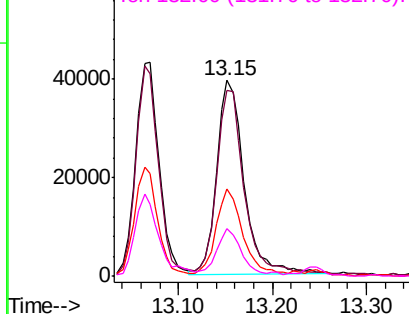
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

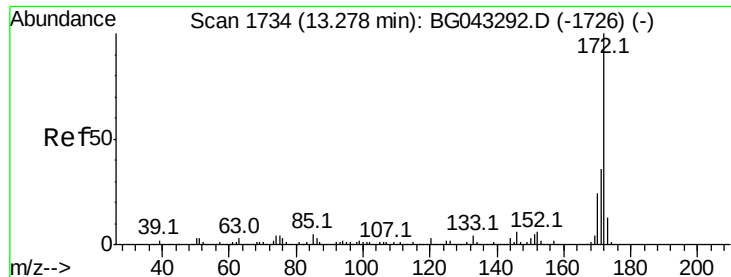


#44
 2,4,5-Trichlorophenol
 Concen: 44.716 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion:196 Resp: 81384
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.4 116.2
 97 44.2 35.9 53.9
 132 23.9 20.0 30.0

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

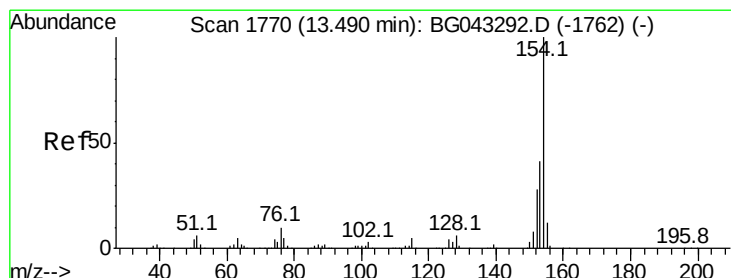
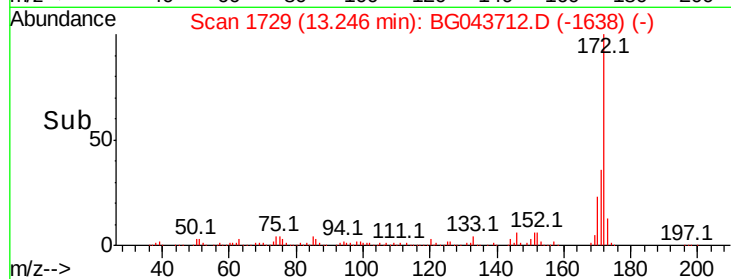
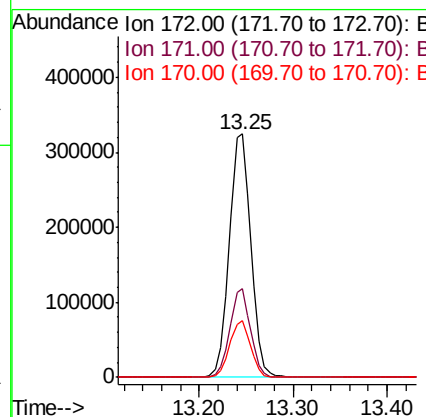
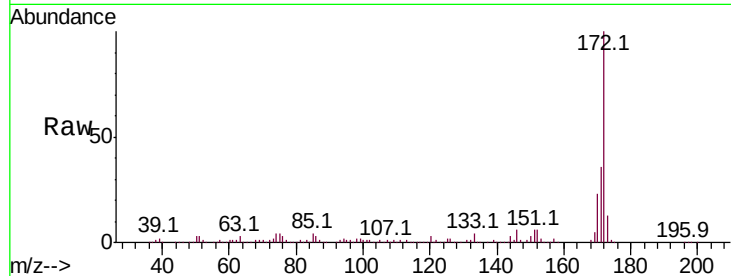




#45
2-Fluorobiphenyl
Concen: 86.338 ng
RT: 13.25 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

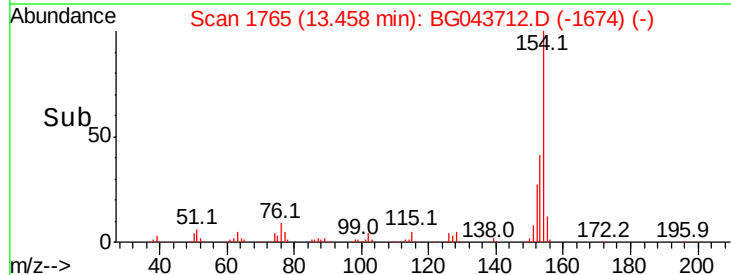
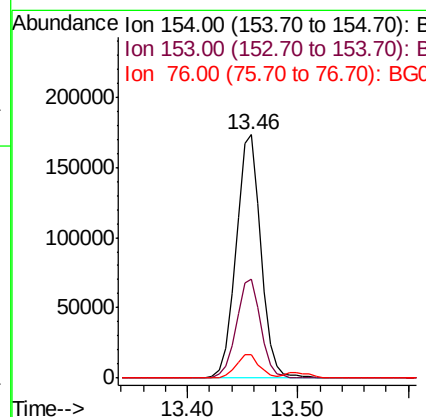
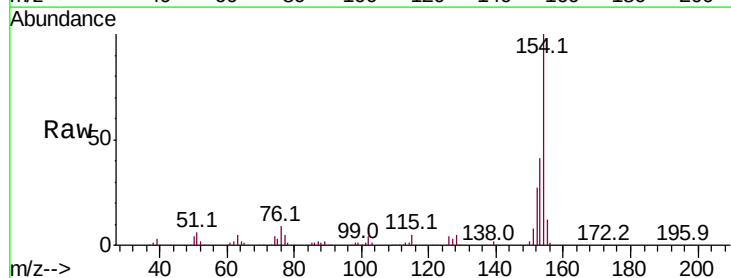
Instrument :
BNA_G
ClientSampleId :

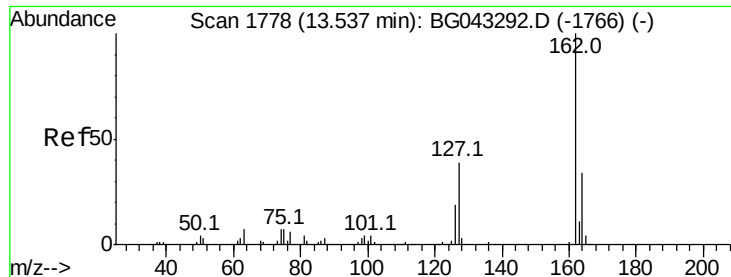
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.1	42.1
170	23.3	18.8	28.2



#46
1,1'-Biphenyl
Concen: 43.381 ng
RT: 13.46 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	22.6	62.6
76	9.4	0.0	29.1

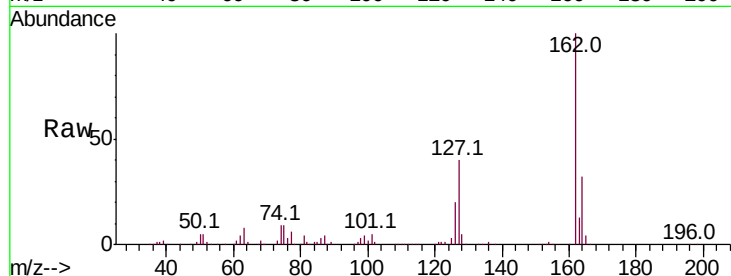




#47
2-Chloronaphthalene
Concen: 42.668 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.8	49.2
164	32.5	27.8	41.8

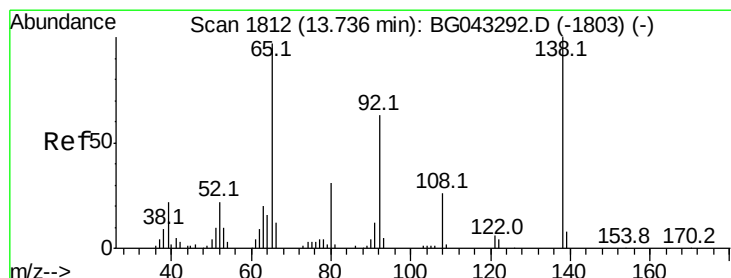
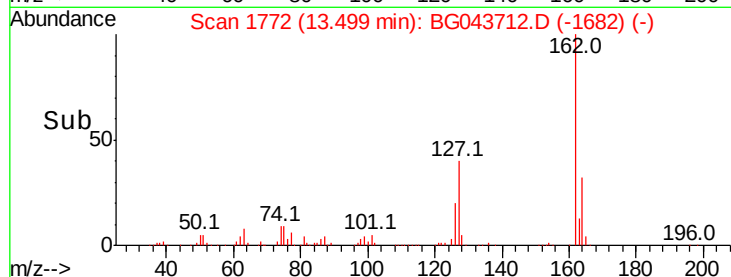
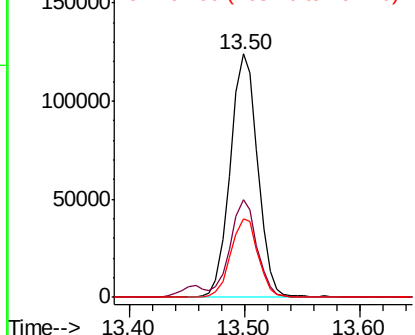


Abundance

Ion 162.00 (161.70 to 162.70): E

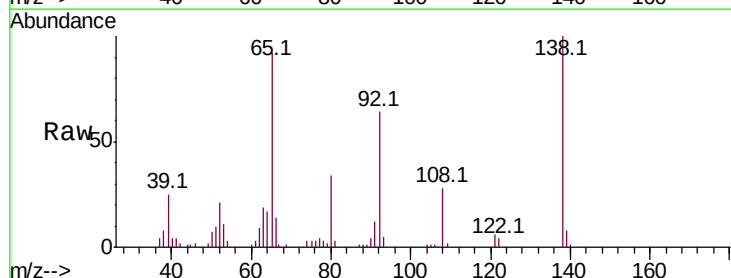
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.646 ng
RT: 13.71 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	54.9	82.3
138	108.9	85.0	127.6

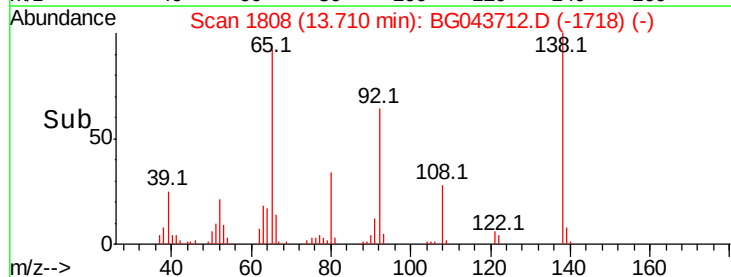
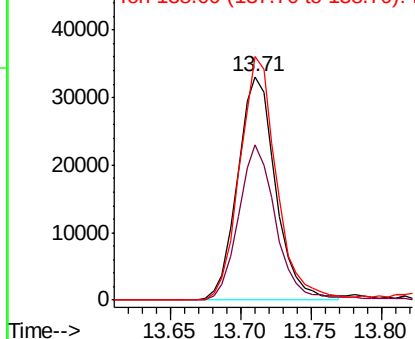


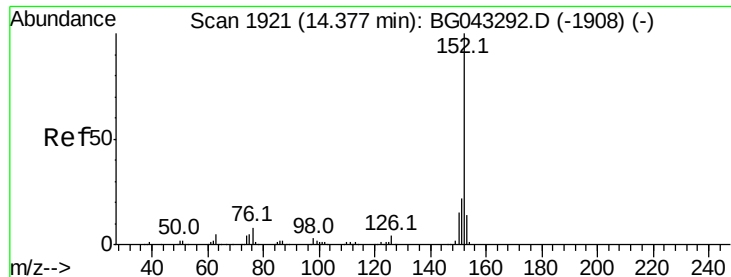
Abundance

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: 46.046 ng

RT: 14.34 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampled :

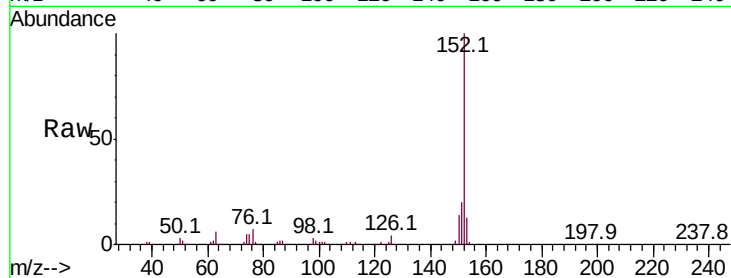
Tot Ion:152 Resp: 342640

Ion Ratio Lower Upper

152 100

151 19.7 16.1 24.1

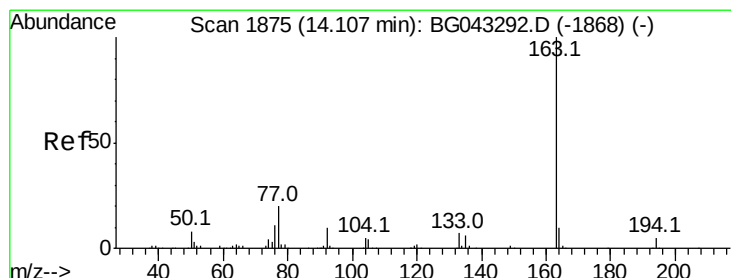
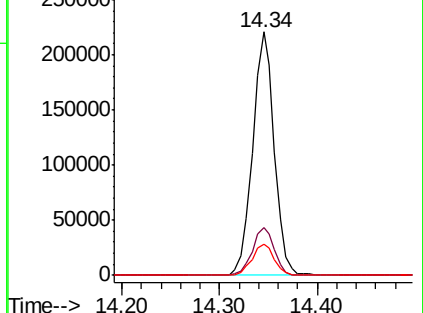
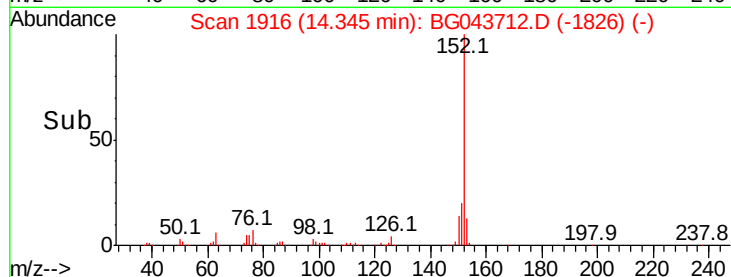
153 12.9 11.0 16.4



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: 43.762 ng

RT: 14.08 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

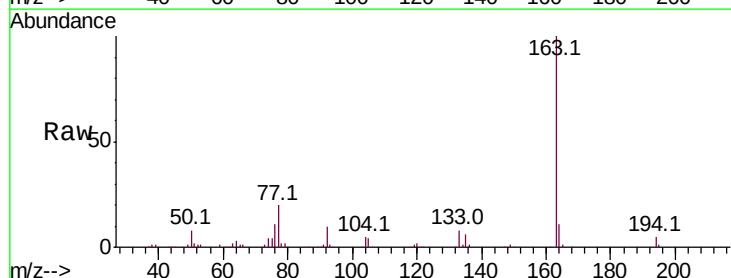
Tgt Ion:163 Resp: 279989

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.8

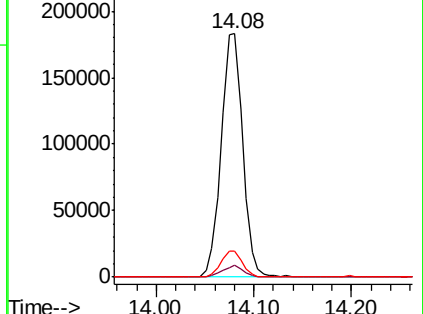
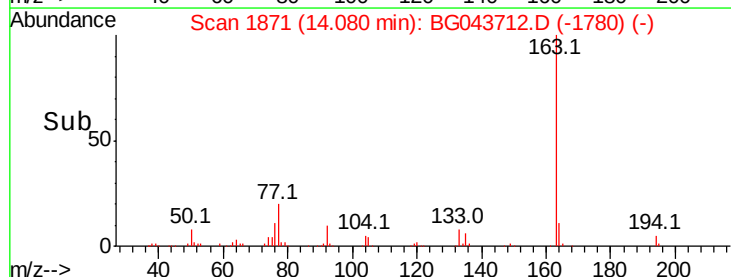
164 10.7 8.5 12.7

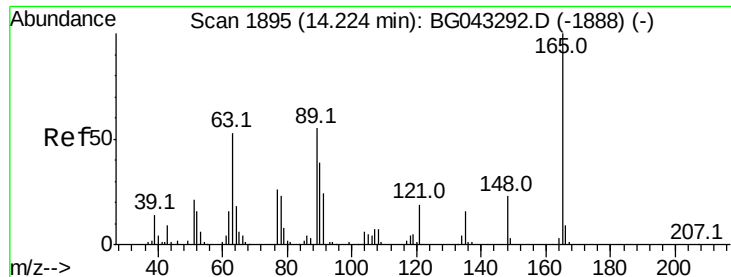


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

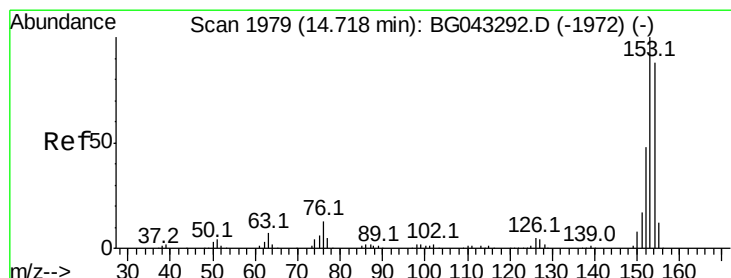
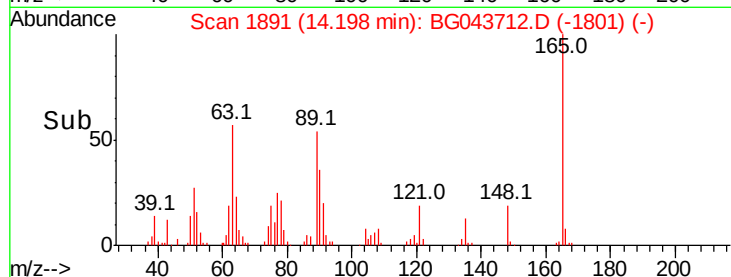
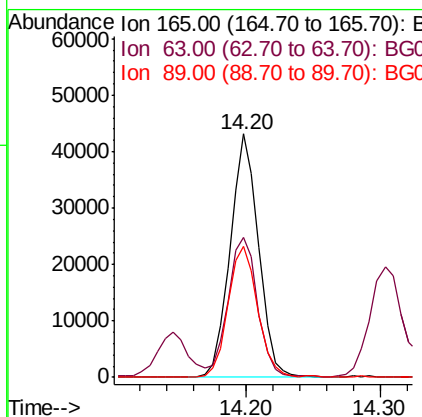
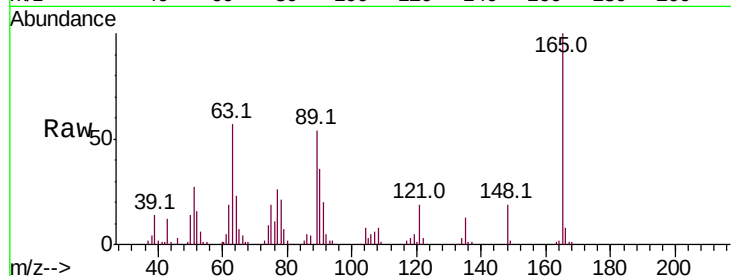




#51
2,6-Dinitrotoluene
Concen: 45.975 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

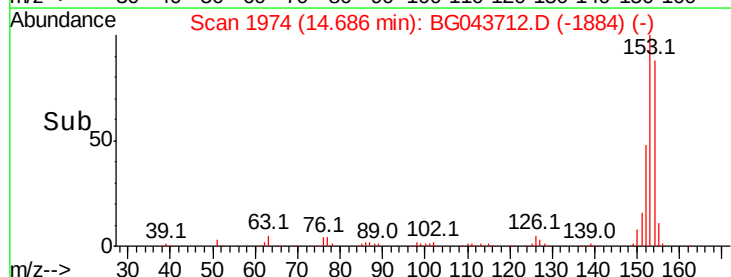
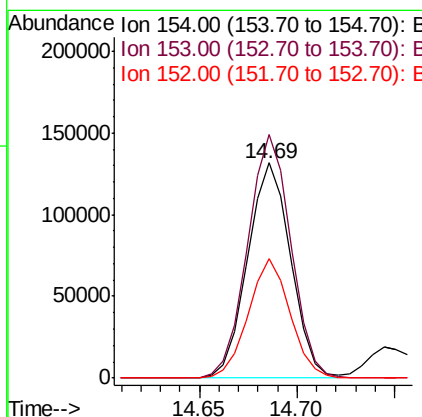
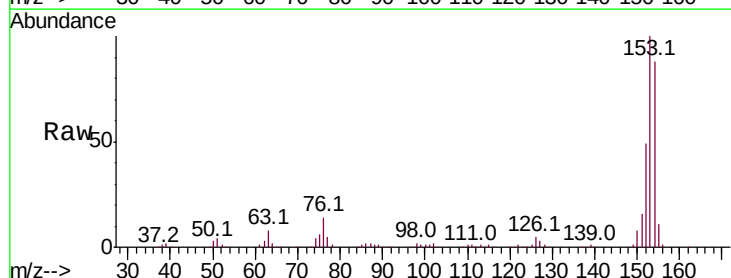
Instrument :
BNA_G
ClientSampleId :

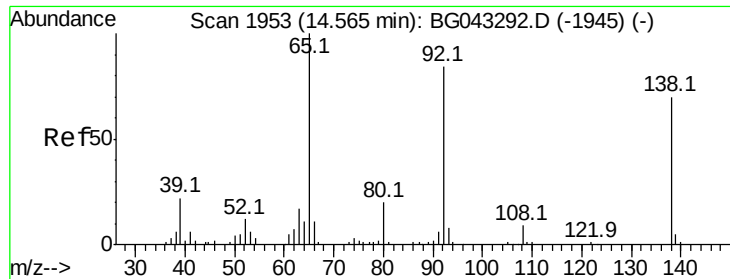
Tot Ion	Ratio	Lower	Upper
165	100		
63	57.3	45.0	67.6
89	53.6	39.8	59.8



#52
Acenaphthene
Concen: 44.436 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	89.2	133.8
152	55.5	41.4	62.0

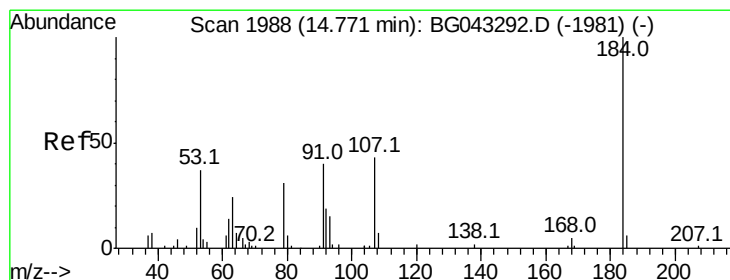
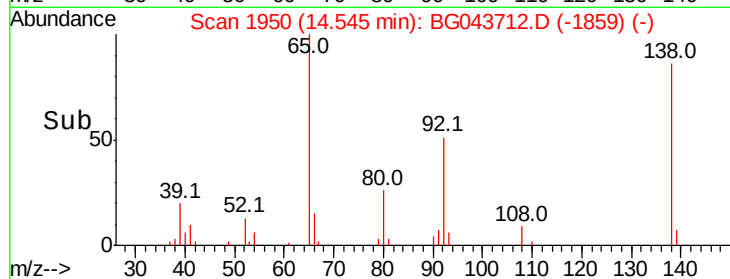
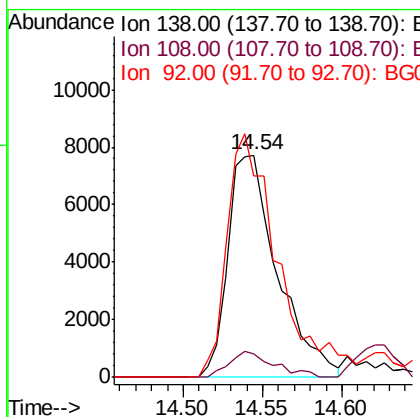
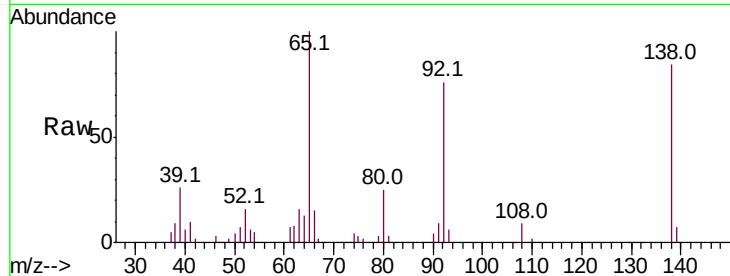




#53
 3-Nitroaniline
 Concen: 12.464 ng
 RT: 14.54 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

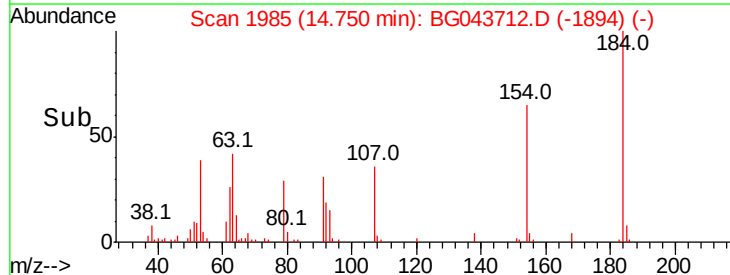
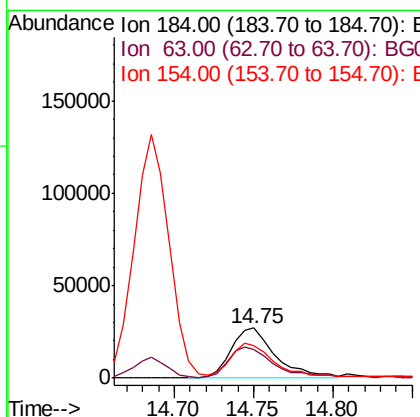
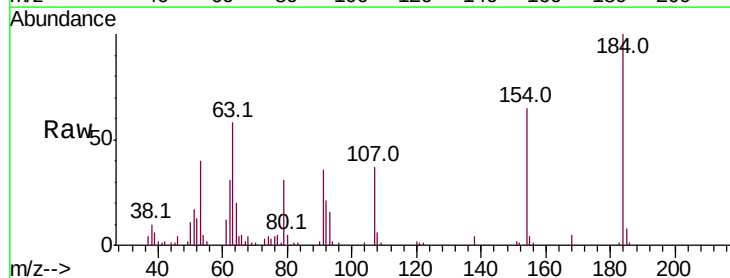
Instrument :
 BNA_G
 ClientSampleID :

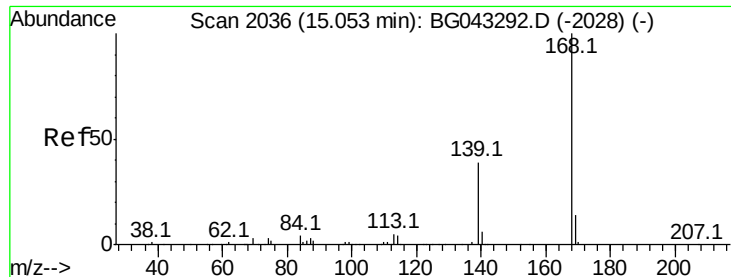
Tot Ion:138 Resp: 16727
 Ion Ratio Lower Upper
 138 100
 108 10.4 9.8 14.8
 92 90.4 88.1 132.1



#54
 2,4-Dinitrophenol
 Concen: 62.546 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion:184 Resp: 52770
 Ion Ratio Lower Upper
 184 100
 63 57.9 59.0 88.4#
 154 65.0 57.4 86.2

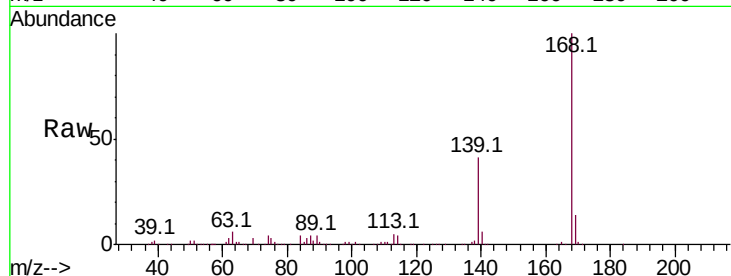




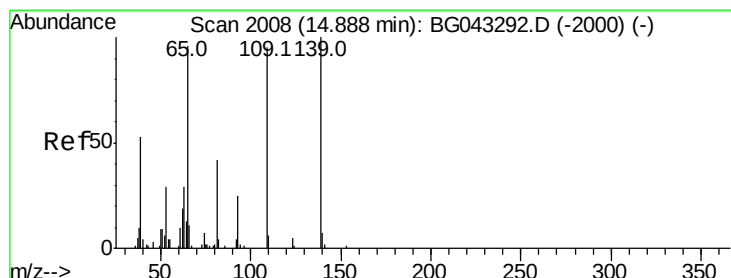
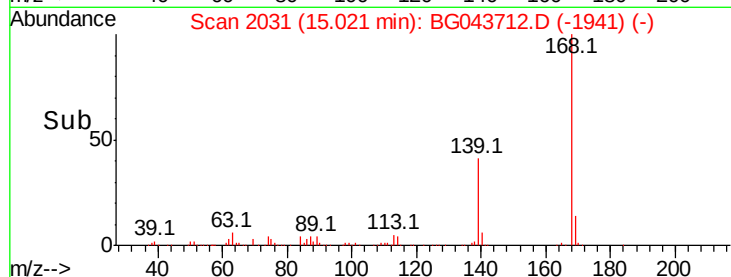
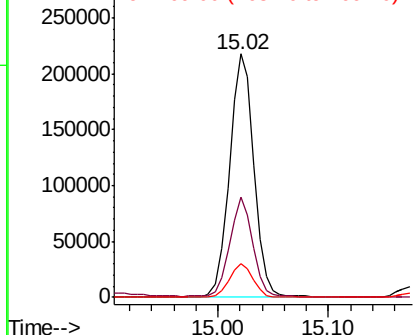
#55
Dibenzofuran
Concen: 45.798 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 337027
Ion Ratio Lower Upper
168 100
139 41.2 32.7 49.1
169 13.8 10.6 15.8

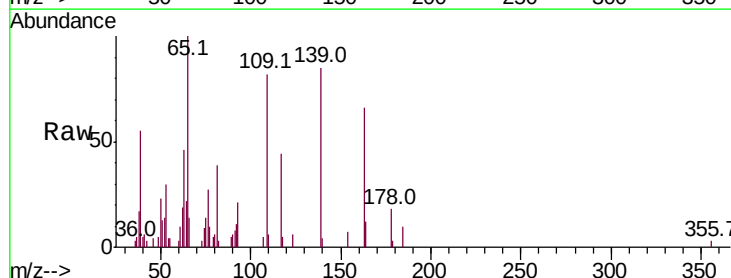


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

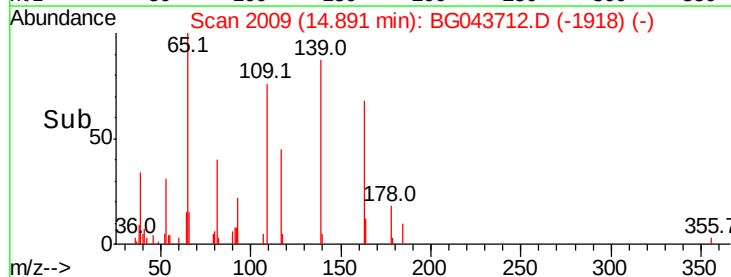
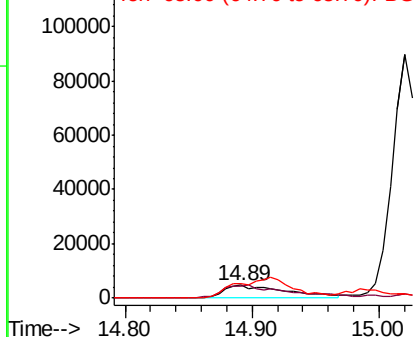


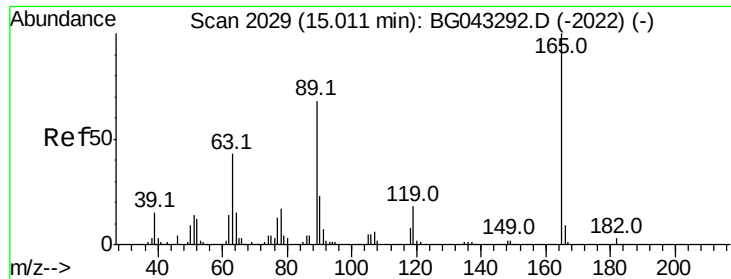
#56
4-Nitrophenol
Concen: 18.089 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion:139 Resp: 16267
Ion Ratio Lower Upper
139 100
109 96.7 64.0 104.0
65 117.9 75.6 115.6#



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

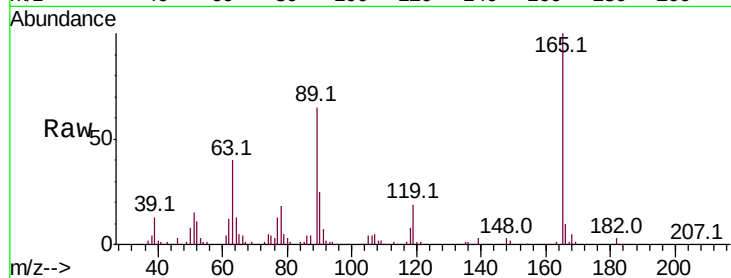




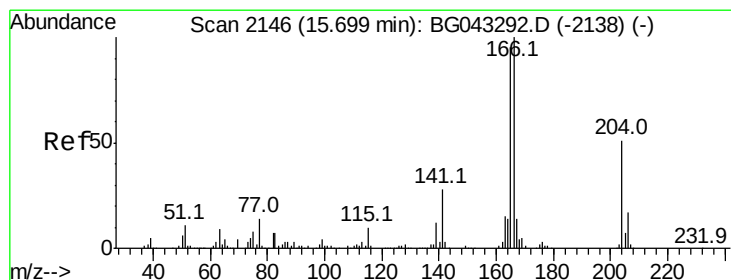
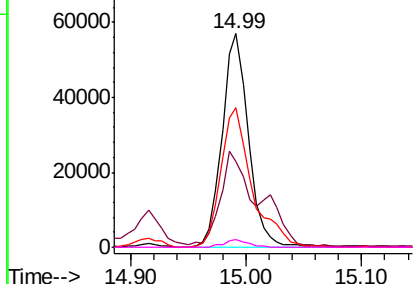
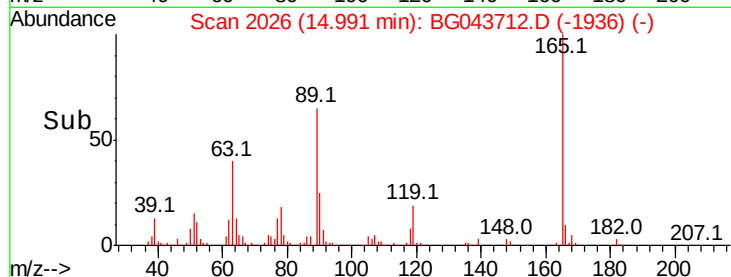
#57
 2,4-Dinitrotoluene
 Concen: 45.386 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 90156
 Ion Ratio Lower Upper
 165 100
 63 40.3 37.4 56.0
 89 65.5 50.9 76.3
 182 3.5 2.3 3.5#

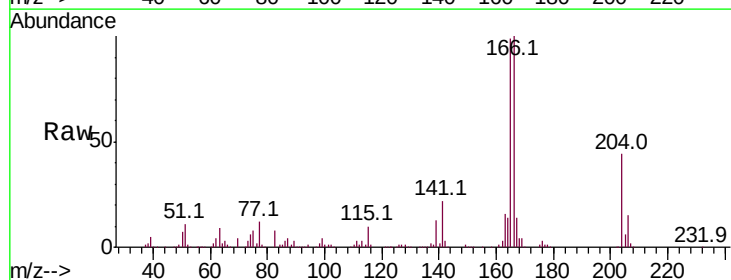


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

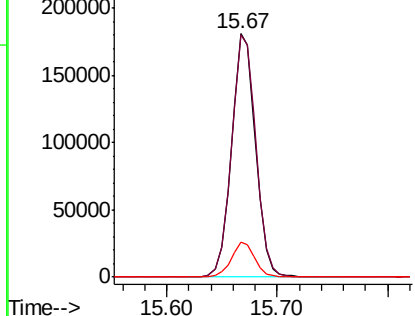
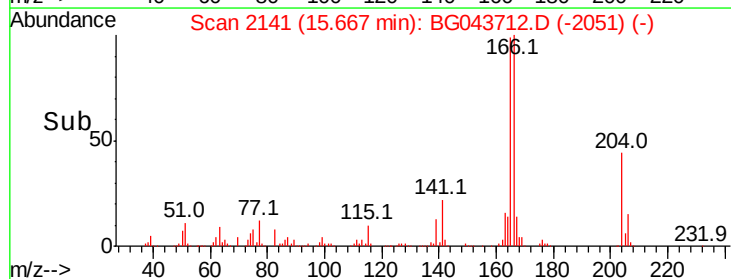


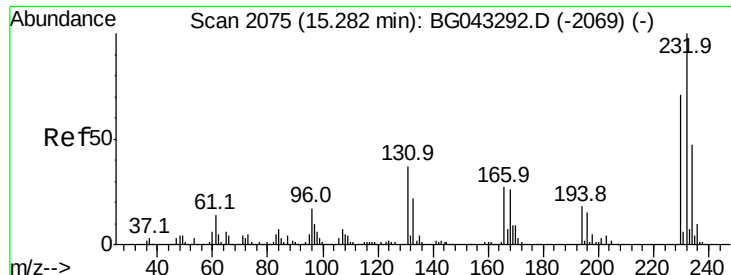
#58
 Fluorene
 Concen: 44.560 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion:166 Resp: 275030
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.4 117.6
 167 14.2 11.2 16.8



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

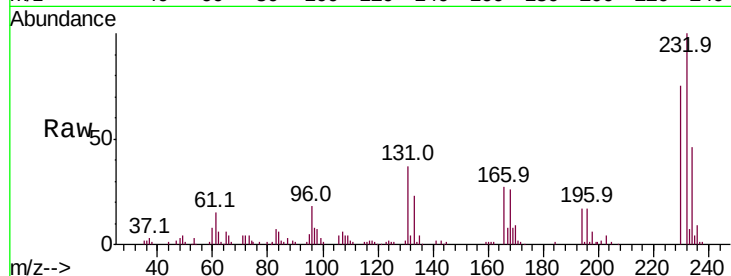




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.869 ng
 RT: 15.26 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.2	29.6	44.4
130	2.3	1.4	2.0
166	26.0	21.2	31.8



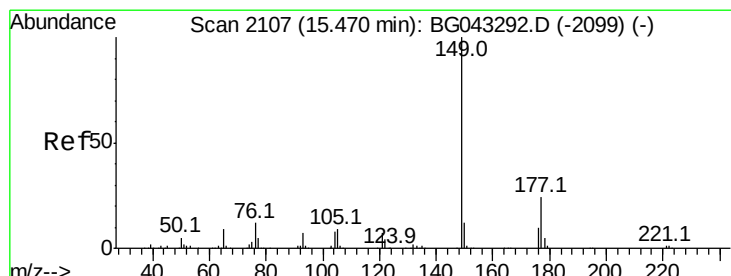
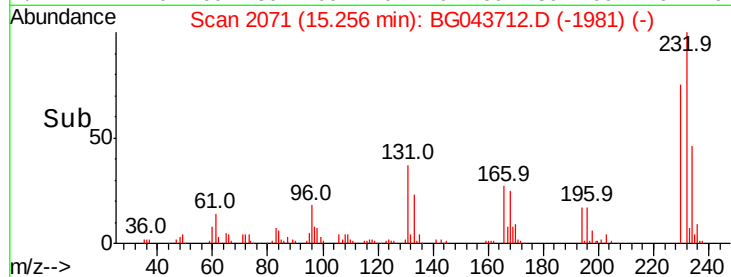
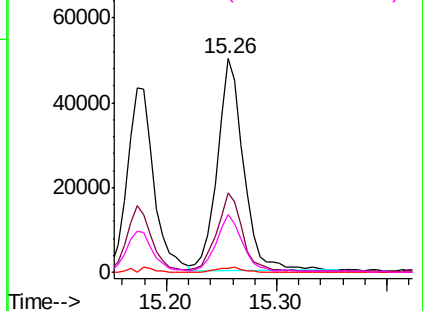
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

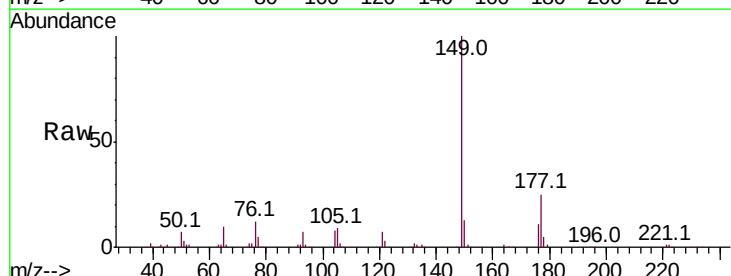
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.259 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. 0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.3	28.9
150	13.3	10.5	15.7

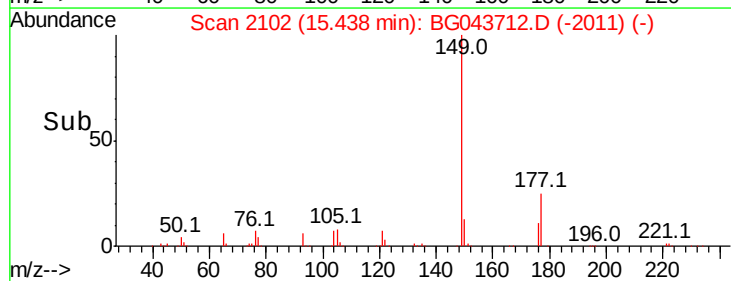
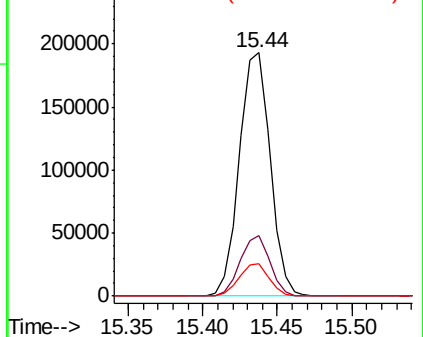


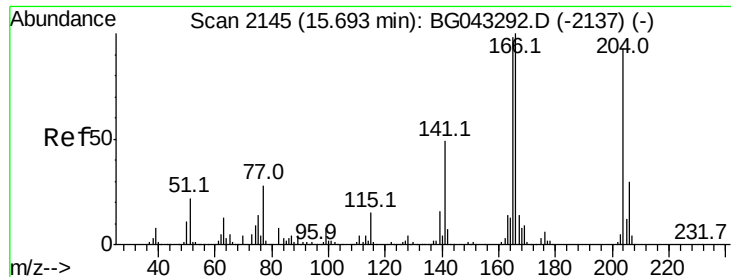
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

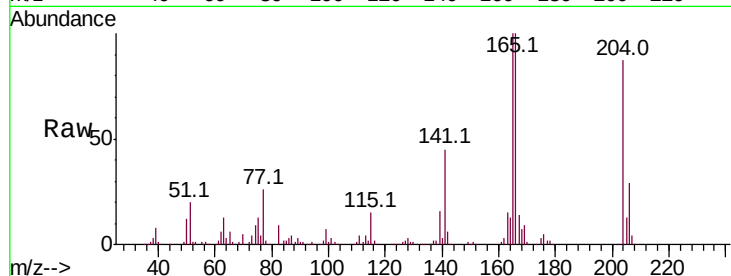




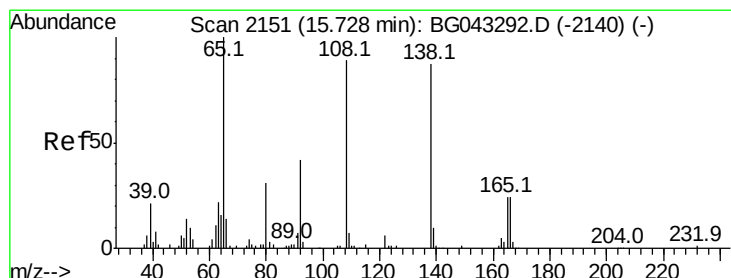
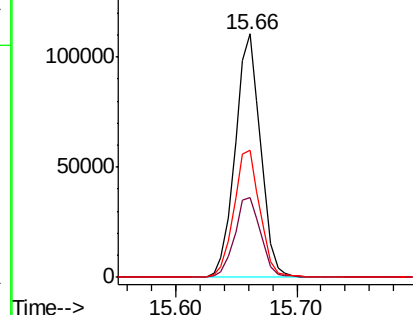
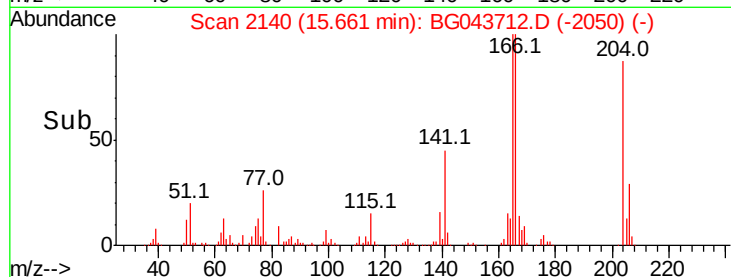
#61
 4-Chlorophenyl-phenylether
 Concen: 44.776 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	28.2	42.4
141	52.3	44.5	66.7

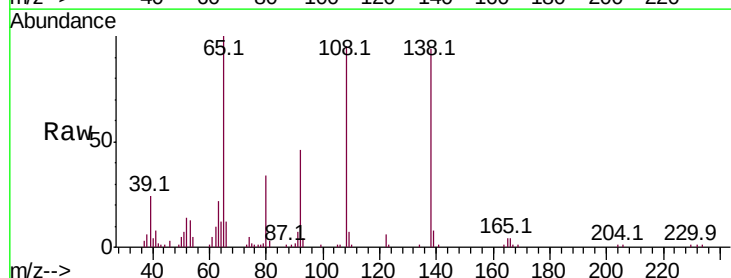


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

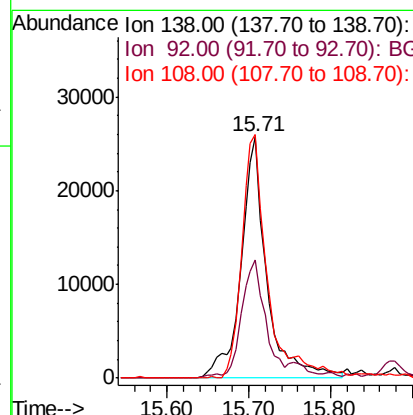
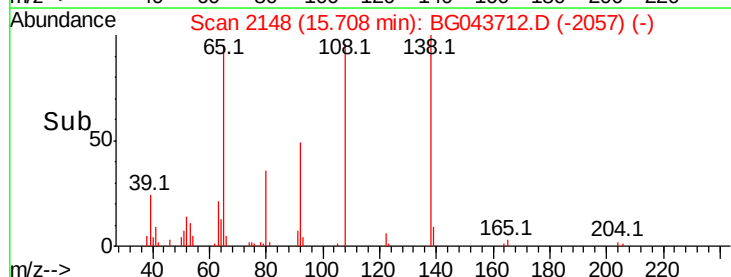


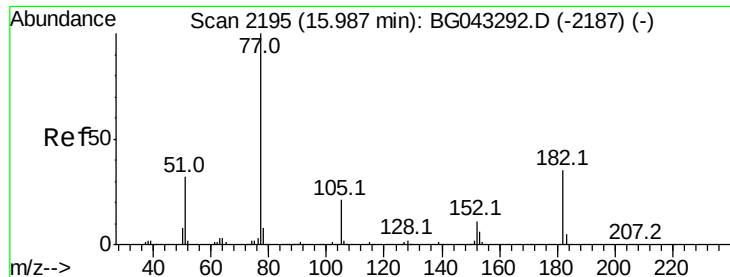
#62
 4-Nitroaniline
 Concen: 40.646 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	31.0	71.0
108	100.9	85.0	125.0



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: 45.420 ng

RT: 15.95 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

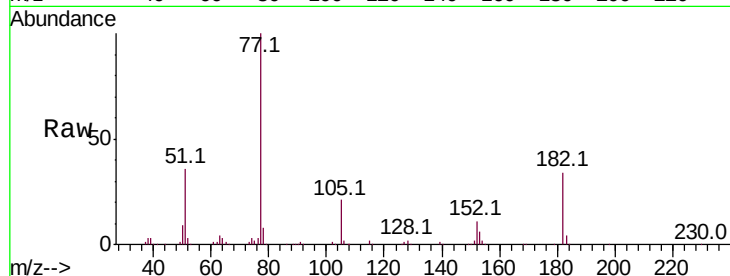
Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 236313

Ion	Ratio	Lower	Upper
77	100		
182	34.1	11.2	51.2
105	21.4	1.5	41.5
51	36.1	14.7	54.7

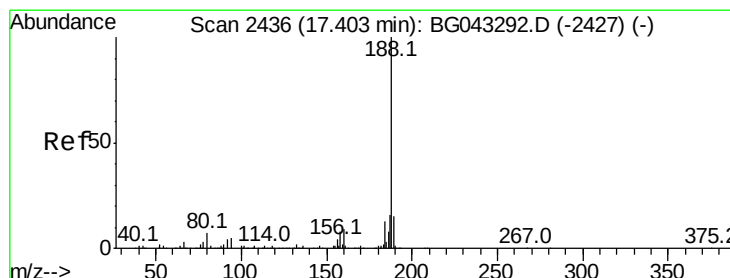
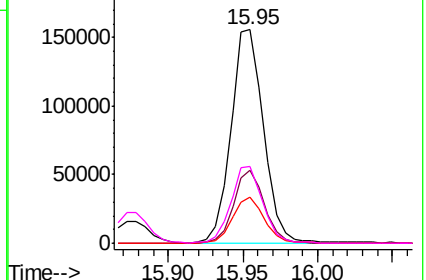
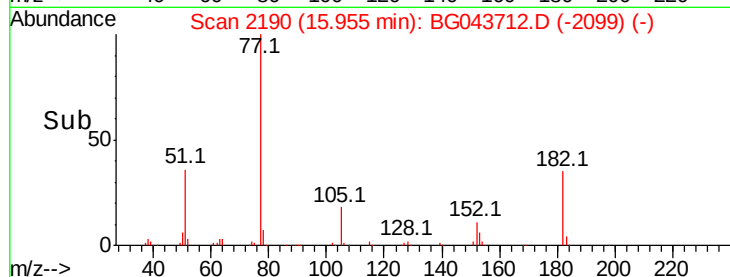


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

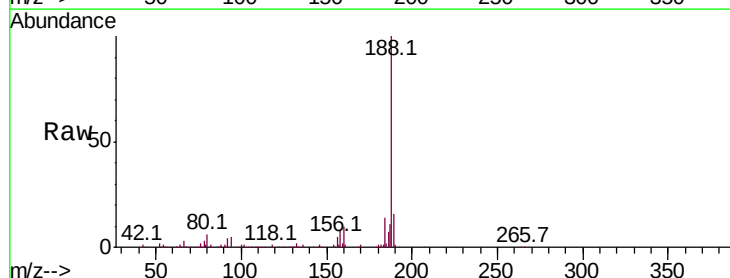
Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Tgt Ion: 188 Resp: 200817

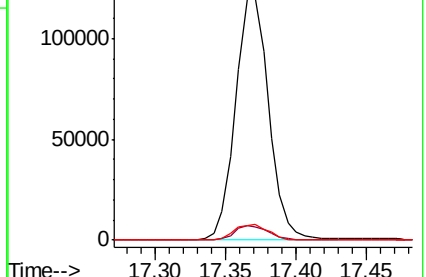
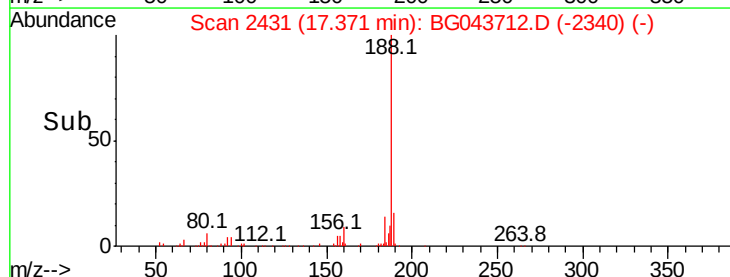
Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.6	7.0
80	6.3	5.2	7.8

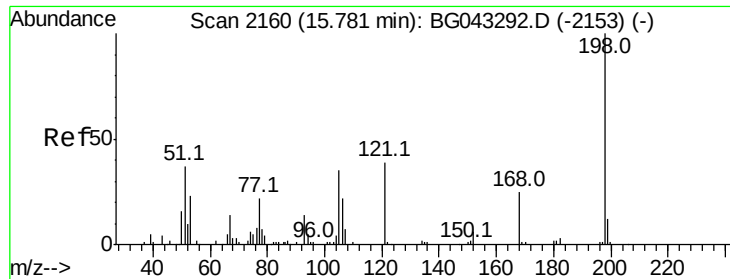


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

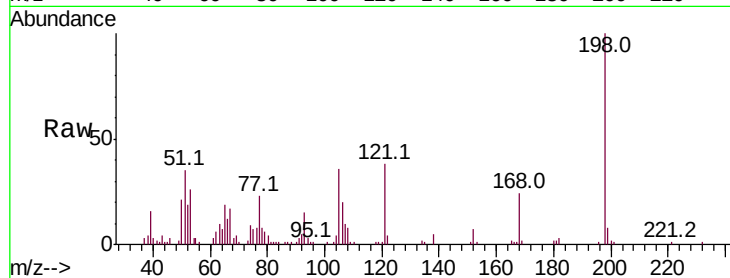




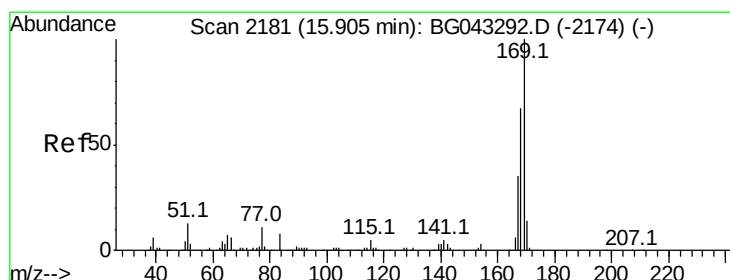
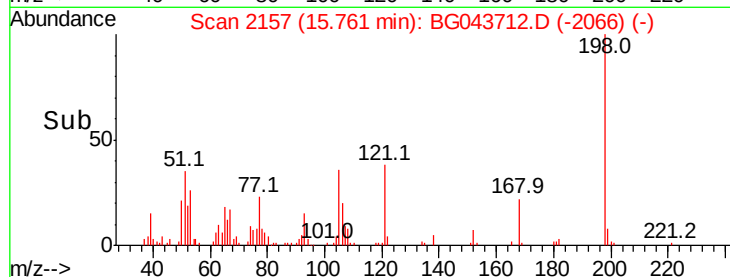
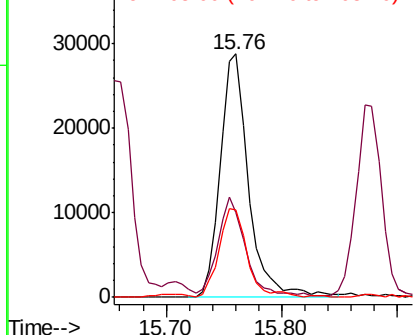
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.433 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.8	17.3	57.3
105	35.7	13.9	53.9

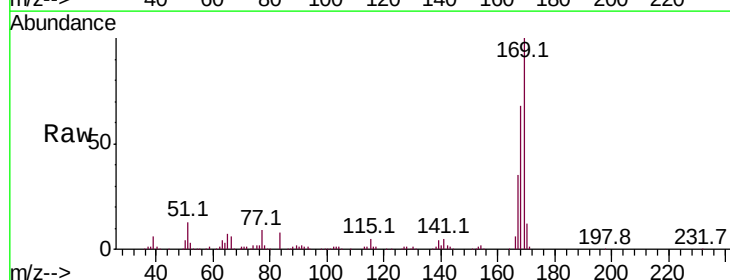


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

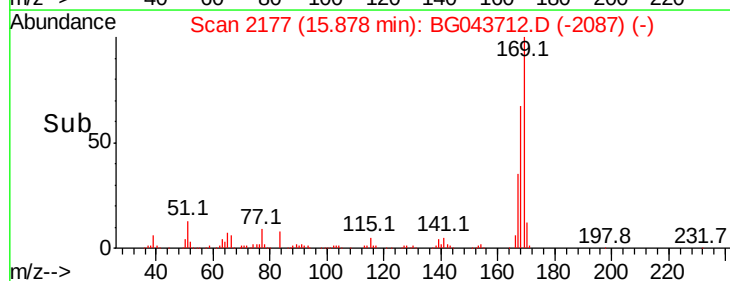
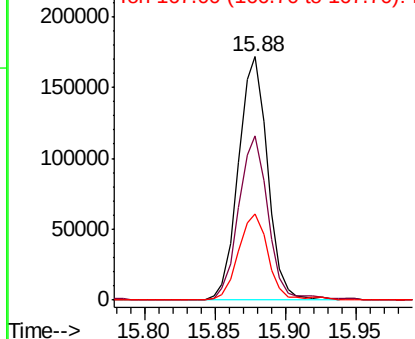


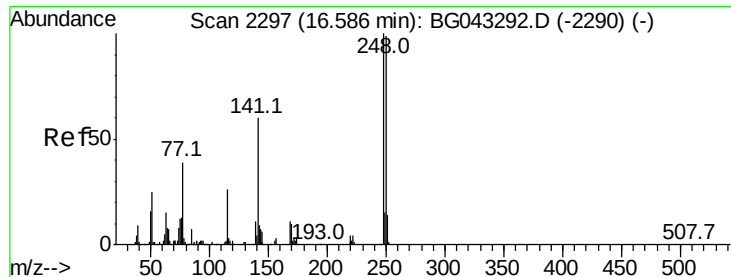
#66
 n-Nitrosodiphenylamine
 Concen: 43.763 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	56.2	84.4
167	35.3	29.8	44.8



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

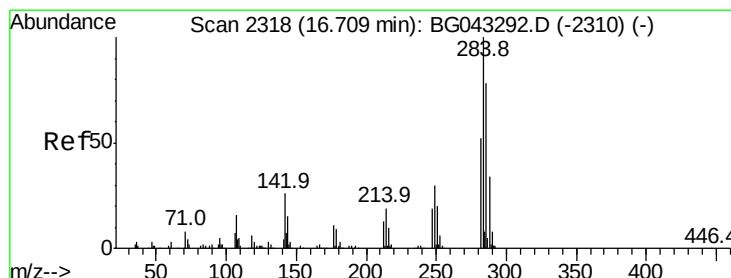
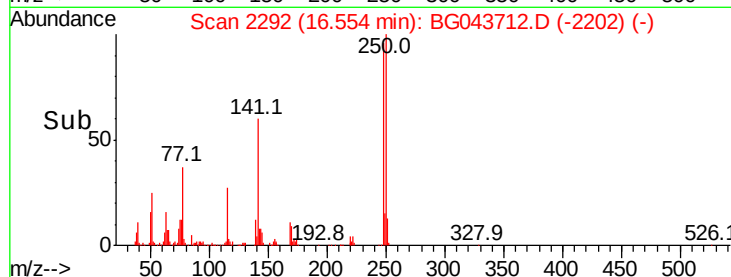
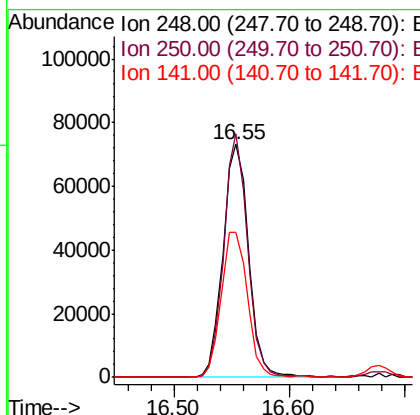
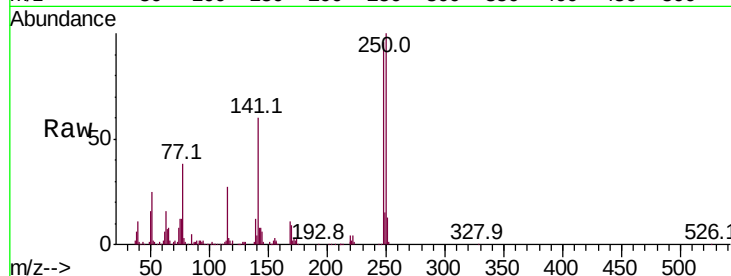




#67
 4-Bromophenyl-phenylether
 Concen: 41.681 ng
 RT: 16.55 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

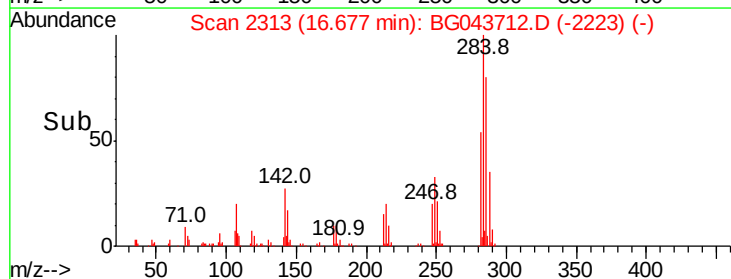
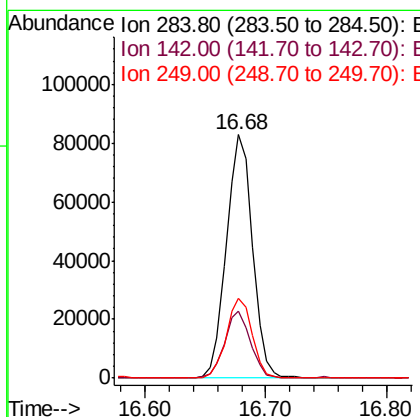
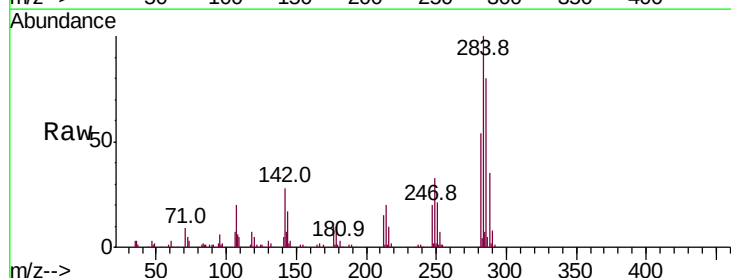
Instrument :
 BNA_G
 ClientSampled :

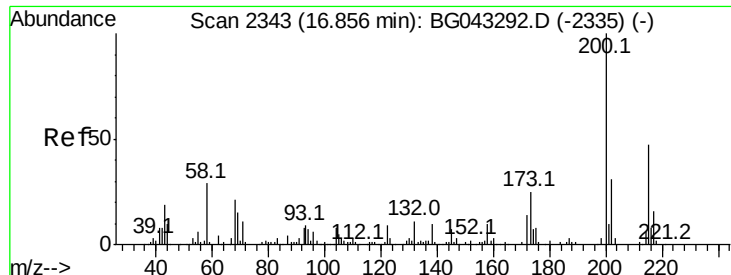
Tot Ion	Ratio	Lower	Upper
248	100		
250	104.3	76.3	114.5
141	62.3	49.5	74.3



#68
 Hexachlorobenzene
 Concen: 40.181 ng
 RT: 16.68 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.7	23.2	34.8
249	33.0	27.0	40.4





#69

Atrazine

Concen: 54.342 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

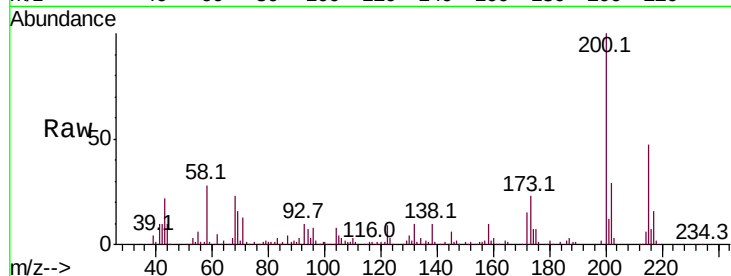
Tot Ion:200 Resp: 107056

Ion Ratio Lower Upper

200 100

173 23.4 5.1 45.1

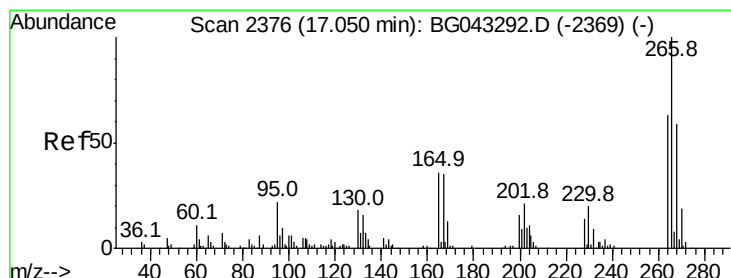
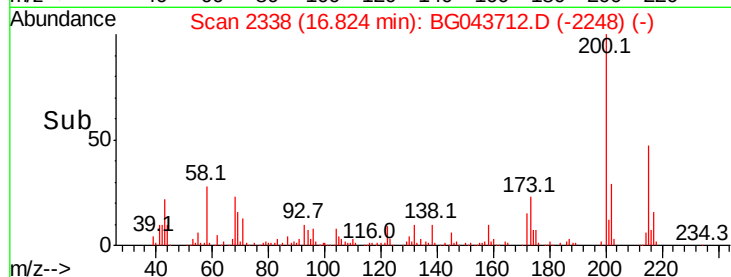
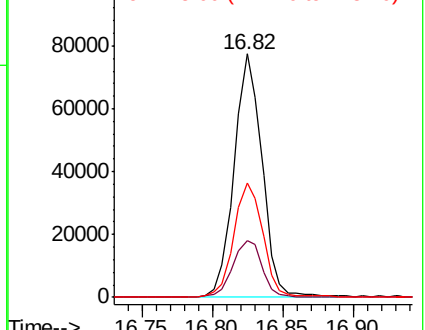
215 47.1 29.8 69.8



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: 72.187 ng

RT: 17.03 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

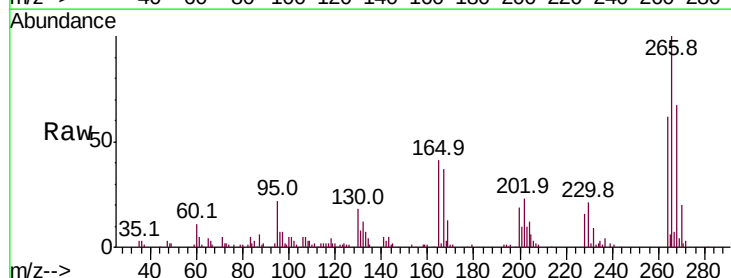
Tgt Ion:266 Resp: 102040

Ion Ratio Lower Upper

266 100

268 66.8 53.2 79.8

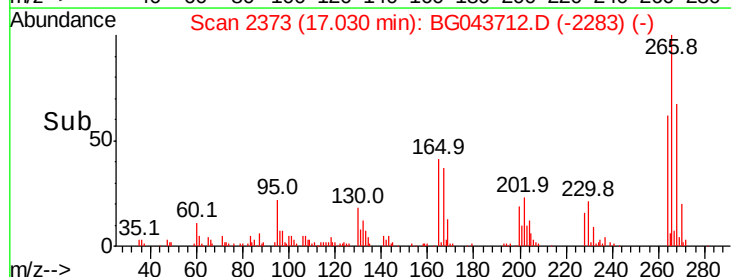
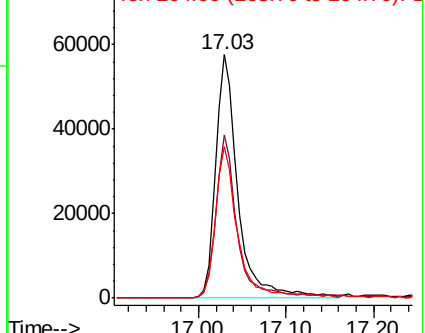
264 62.5 48.9 73.3

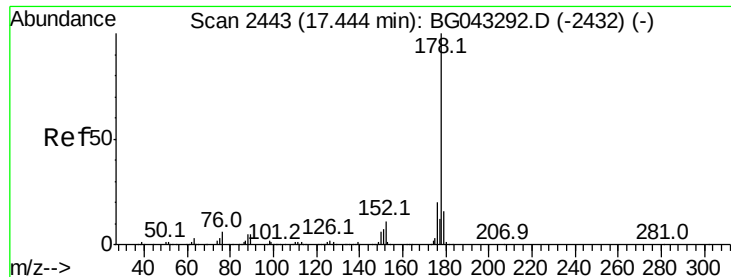


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

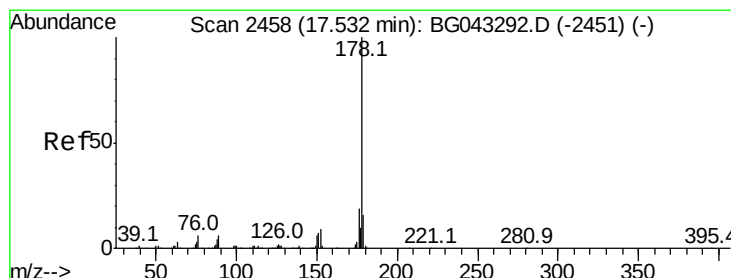
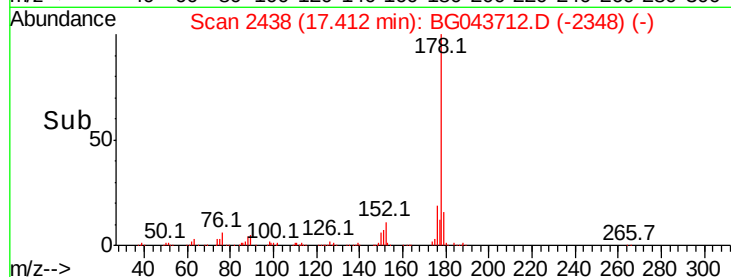
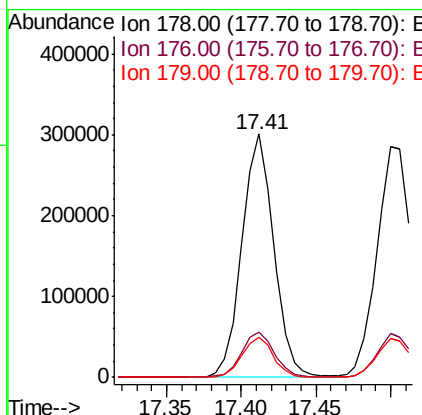
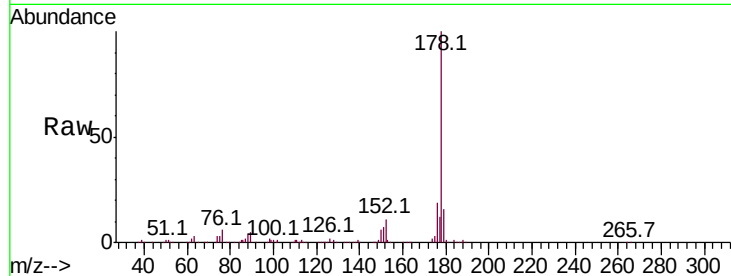




#71
Phenanthrene
Concen: 43.276 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

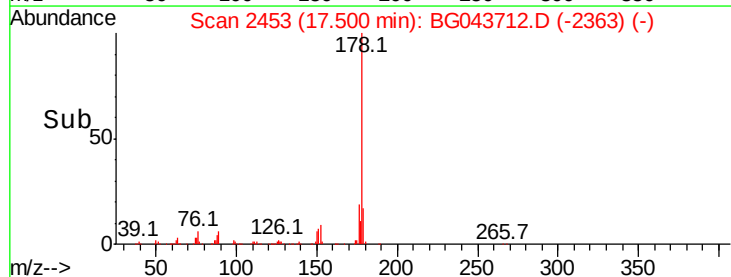
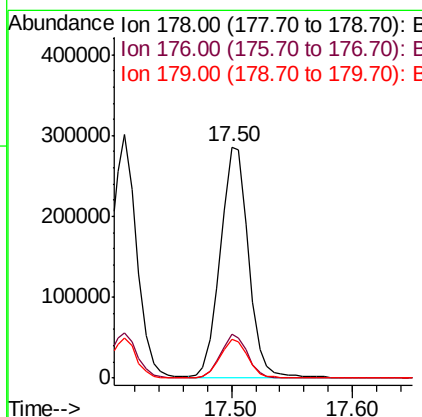
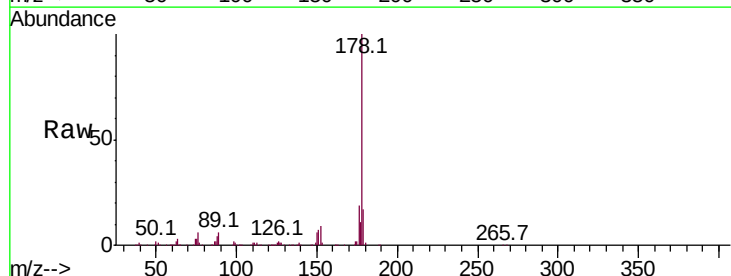
Instrument :
BNA_G
ClientSampleId :

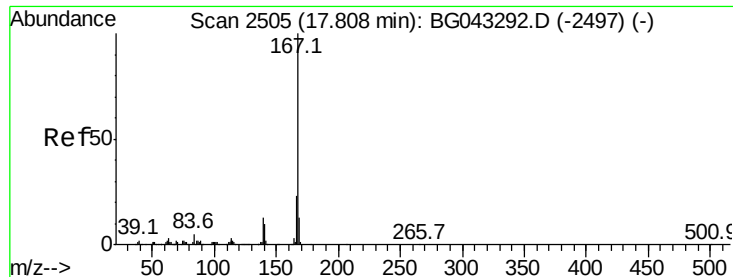
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	16.3	13.0	19.4



#72
Anthracene
Concen: 44.709 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	16.9	13.3	19.9





#73

Carbazole

Concen: 43.683 ng

RT: 17.78 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

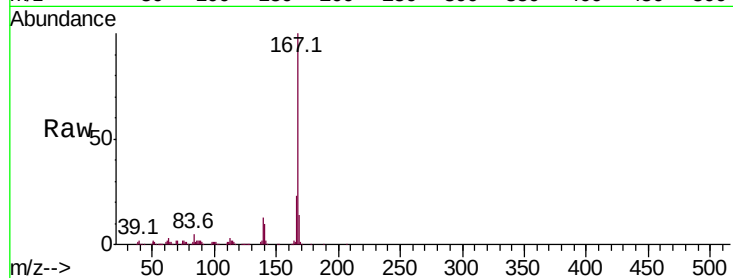
Tot Ion:167 Resp: 407005

Ion Ratio Lower Upper

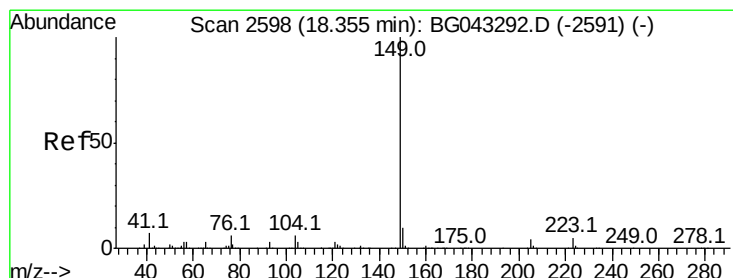
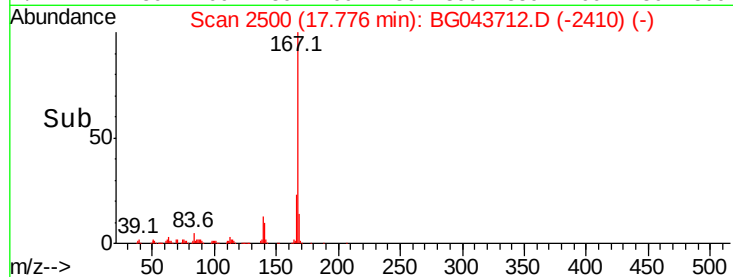
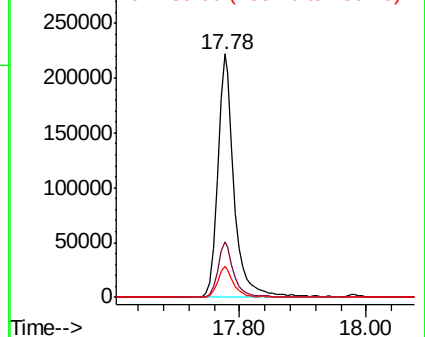
167 100

166 22.9 17.6 26.4

139 12.7 10.3 15.5



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



#74

Di-n-butylphthalate

Concen: 42.933 ng

RT: 18.32 min Scan# 2593

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

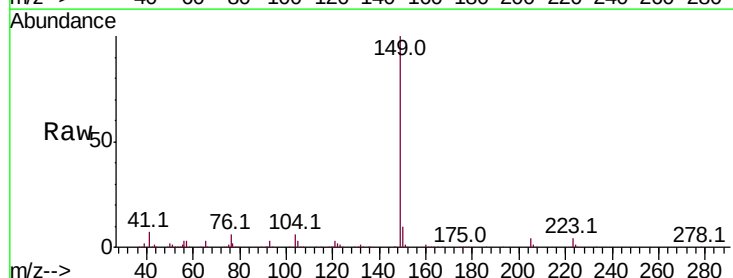
Tgt Ion:149 Resp: 485365

Ion Ratio Lower Upper

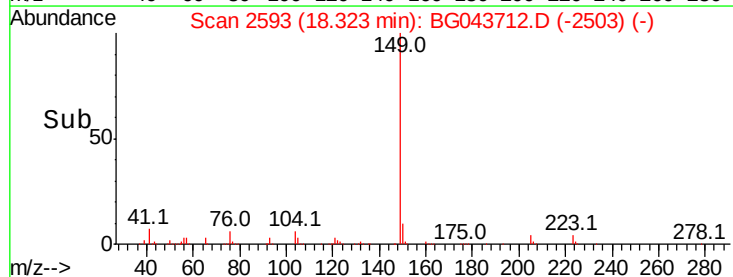
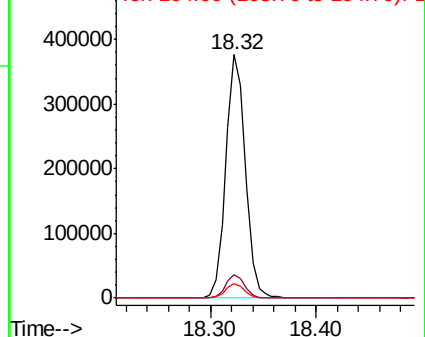
149 100

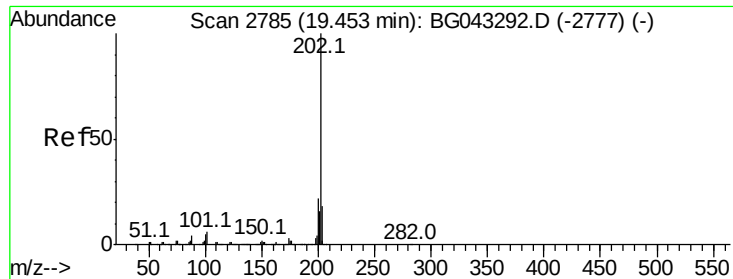
150 9.5 7.6 11.4

104 6.0 4.7 7.1



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: 44.032 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

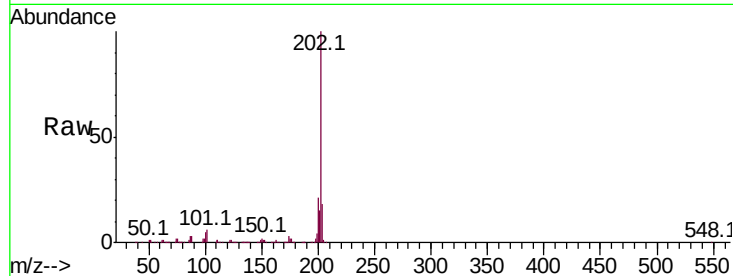
Tot Ion:202 Resp: 590306

Ion Ratio Lower Upper

202 100

101 6.3 0.0 25.6

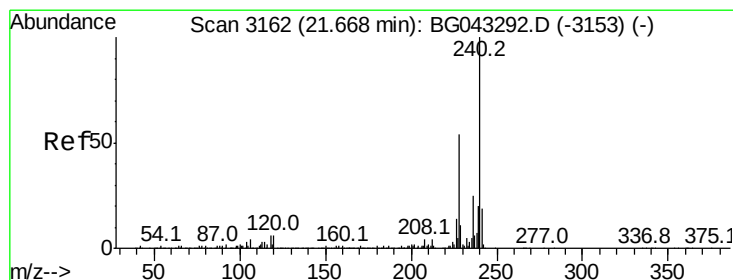
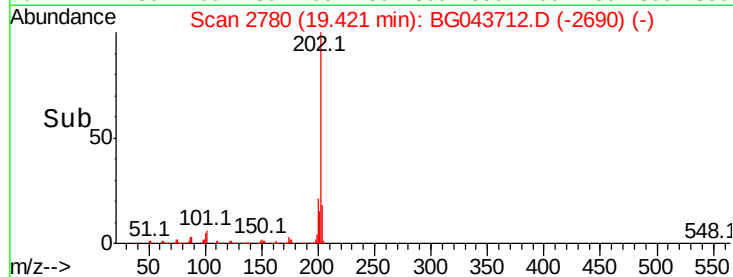
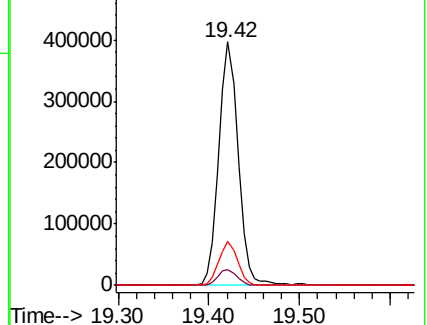
203 17.9 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

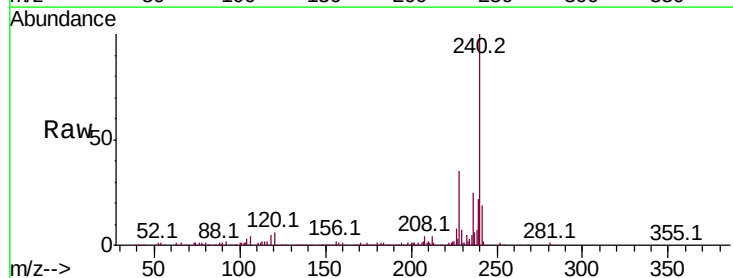
Tgt Ion:240 Resp: 210312

Ion Ratio Lower Upper

240 100

120 5.9 4.9 7.3

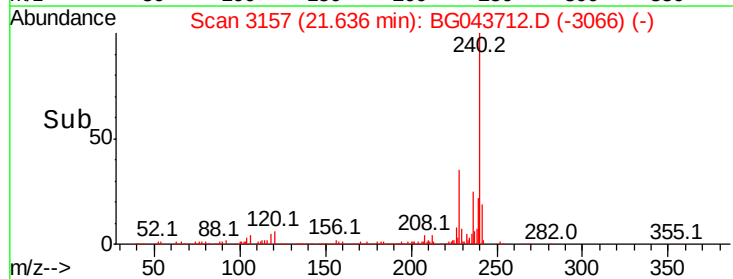
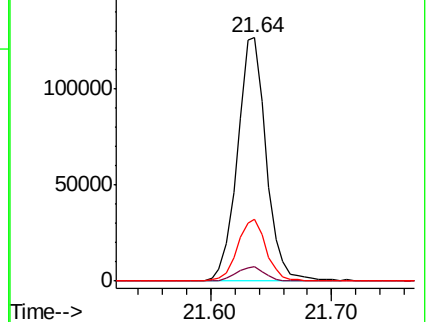
236 25.4 21.4 32.0

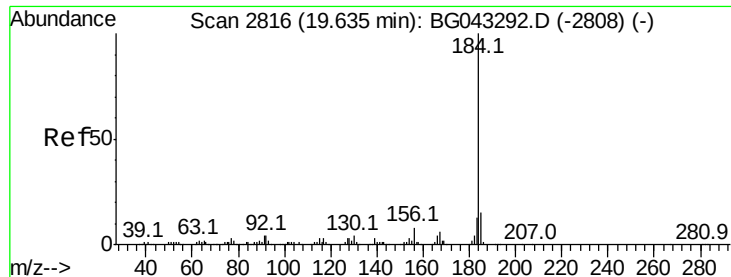


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.634 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

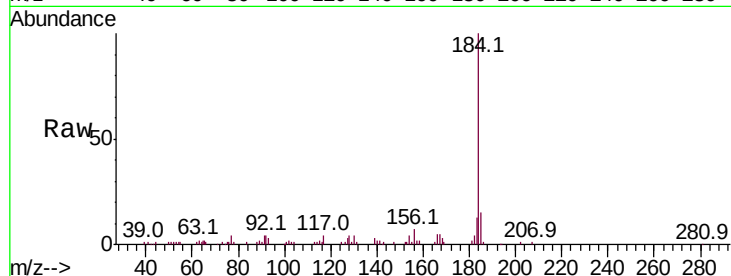
Tot Ion:184 Resp: 100034

Ion Ratio Lower Upper

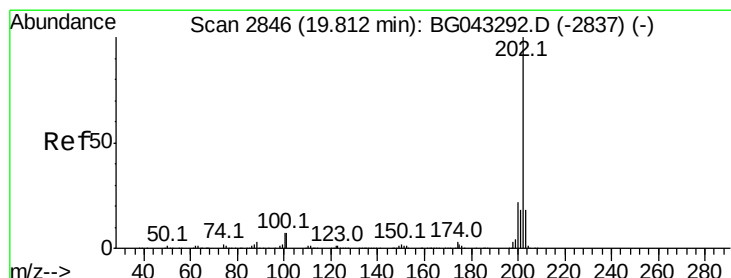
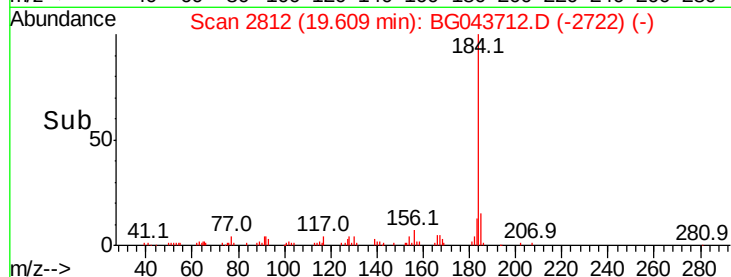
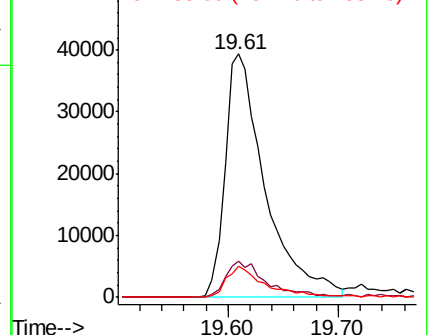
184 100

185 14.7 12.7 19.1

183 12.9 8.8 13.2



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: 45.693 ng

RT: 19.79 min Scan# 2842

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

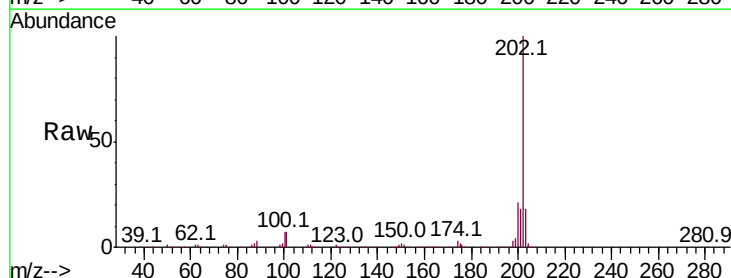
Tgt Ion:202 Resp: 594838

Ion Ratio Lower Upper

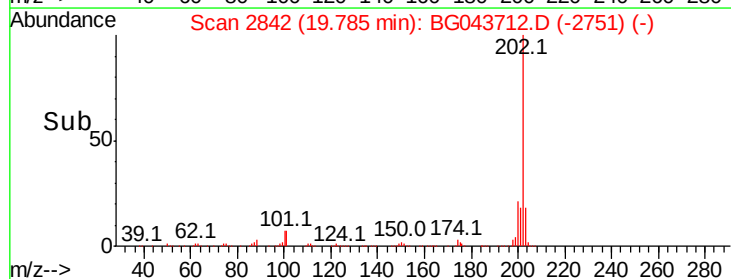
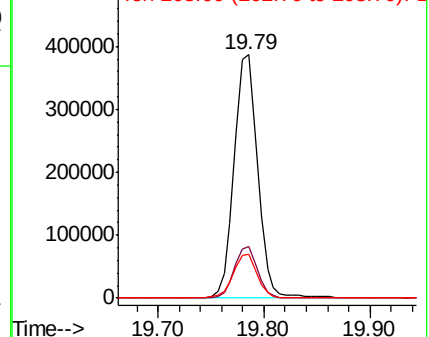
202 100

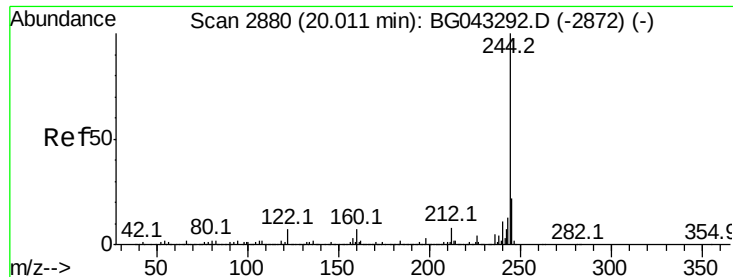
200 21.0 16.9 25.3

203 17.9 14.8 22.2



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: 90.953 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

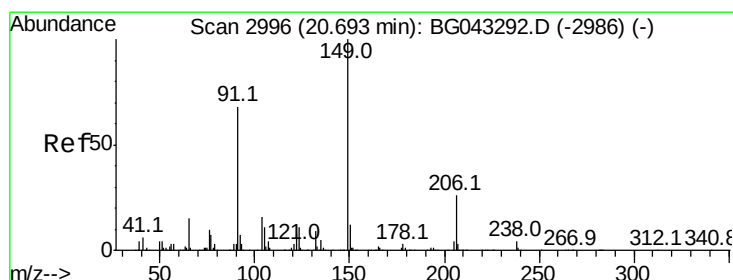
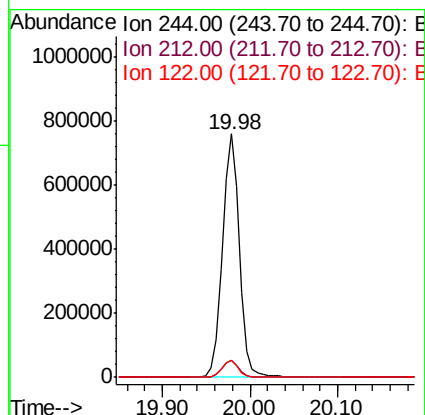
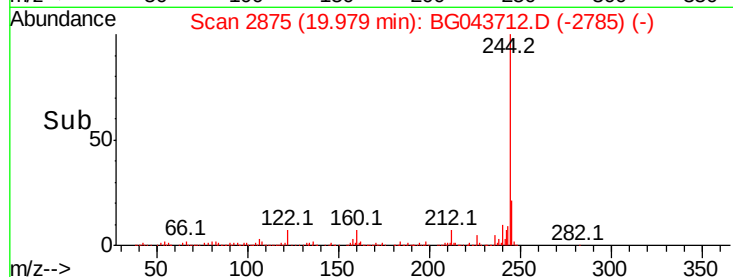
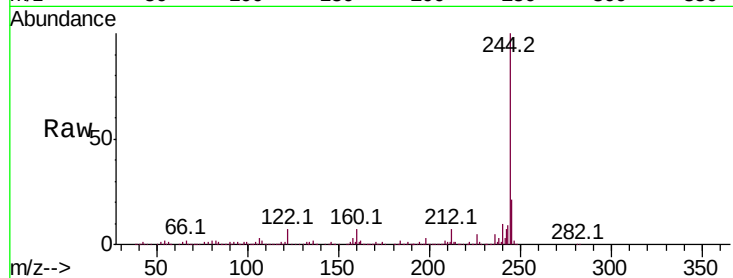
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1019609

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	7.0	5.2	7.8



#80

Butylbenzylphthalate

Concen: 44.721 ng

RT: 20.66 min Scan# 2991

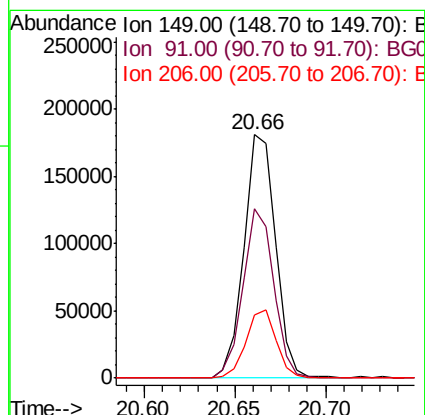
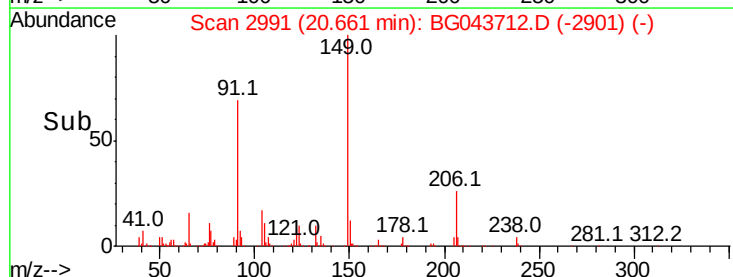
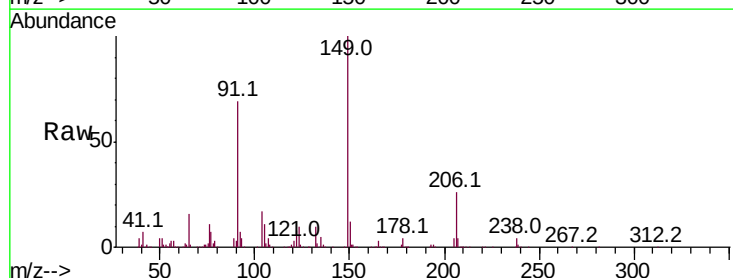
Delta R.T. -0.00 min

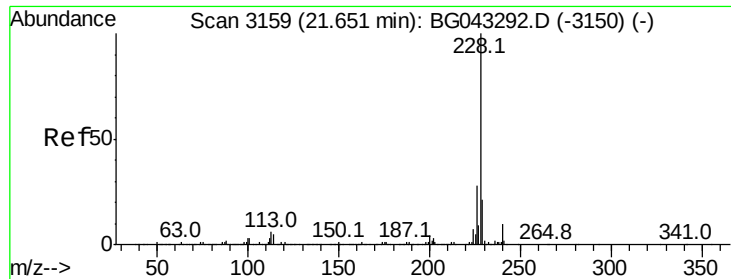
Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Tgt Ion:149 Resp: 220567

Ion	Ratio	Lower	Upper
149	100		
91	69.5	55.4	83.0
206	26.1	20.2	30.4

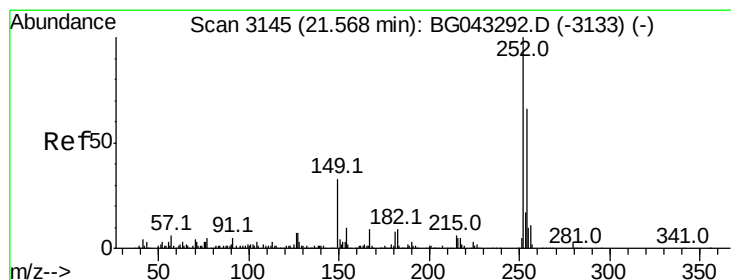
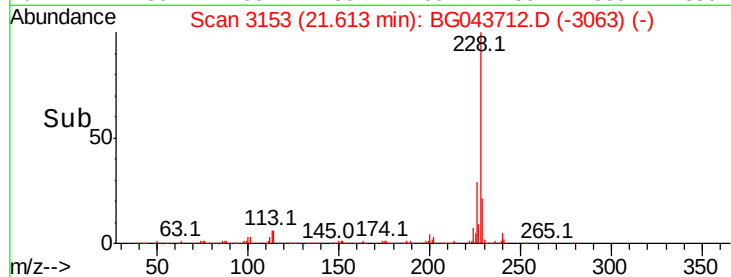
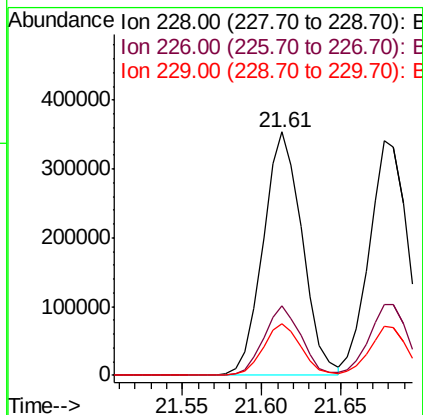
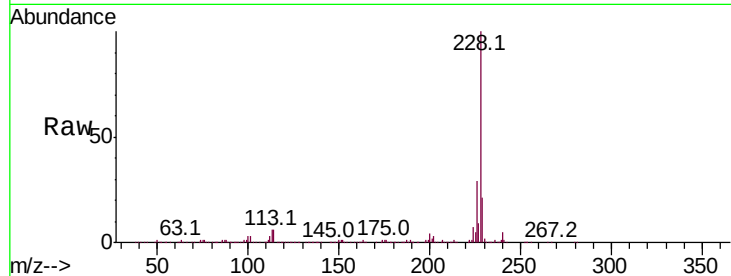




#81
Benzo(a)anthracene
Concen: 45.856 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

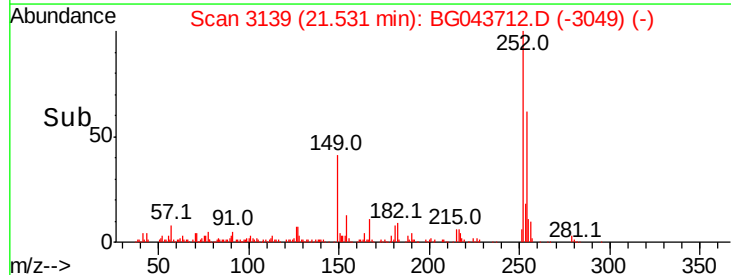
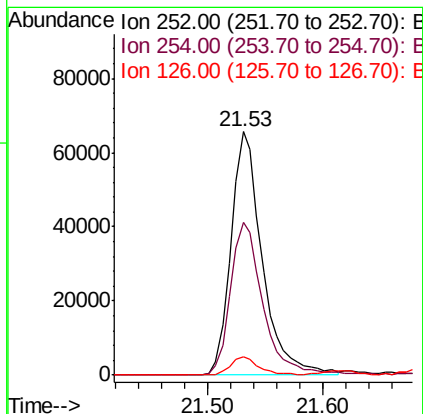
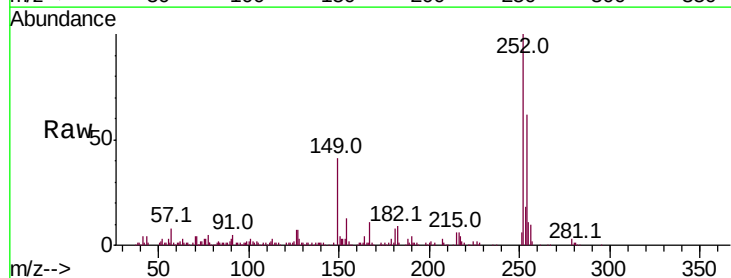
Instrument :
BNA_G
ClientSampleId :

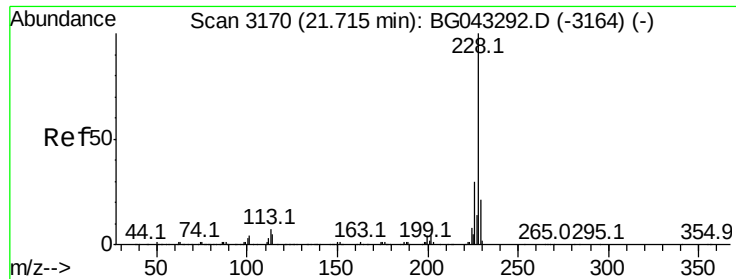
Tot Ion:228 Resp: 604092
Ion Ratio Lower Upper
228 100
226 28.8 21.8 32.6
229 21.0 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 24.101 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion:252 Resp: 122802
Ion Ratio Lower Upper
252 100
254 62.5 50.2 75.4
126 7.4 5.4 8.0





#83

Chrysene

Concen: 45.049 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

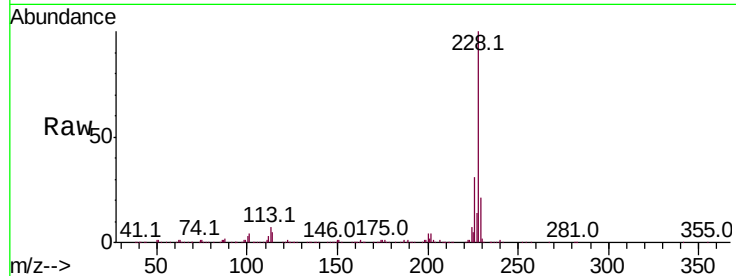
Tot Ion:228 Resp: 589656

Ion Ratio Lower Upper

228 100

226 30.5 23.3 34.9

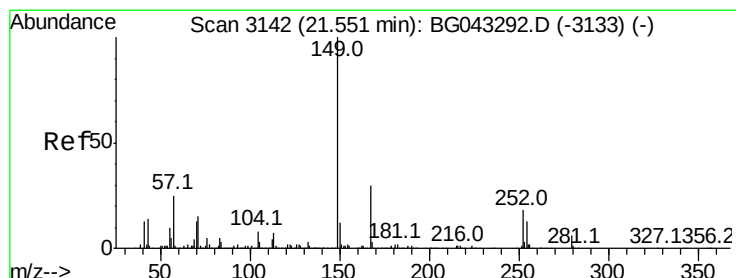
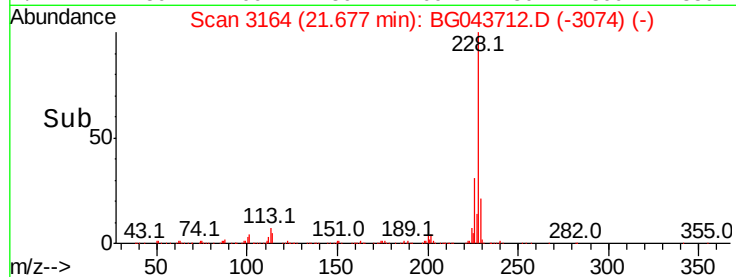
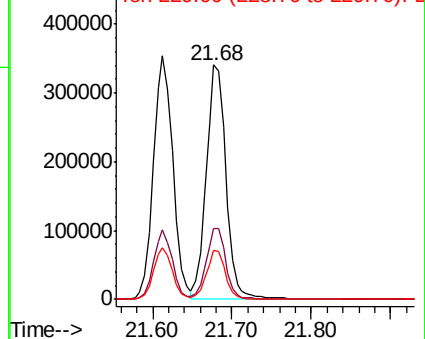
229 21.1 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.035 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

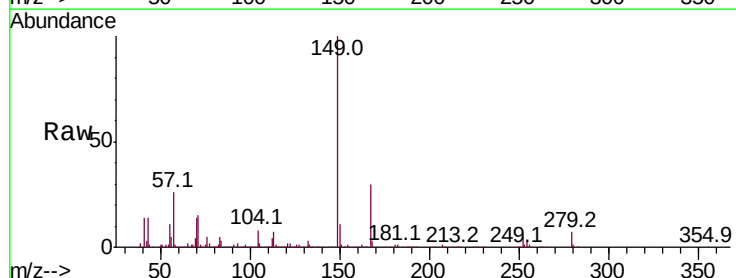
Tgt Ion:149 Resp: 322524

Ion Ratio Lower Upper

149 100

167 29.7 24.8 37.2

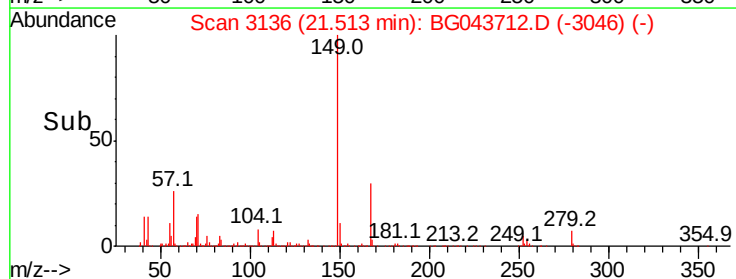
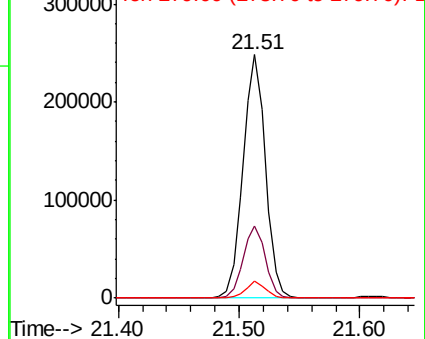
279 7.0 5.4 8.0

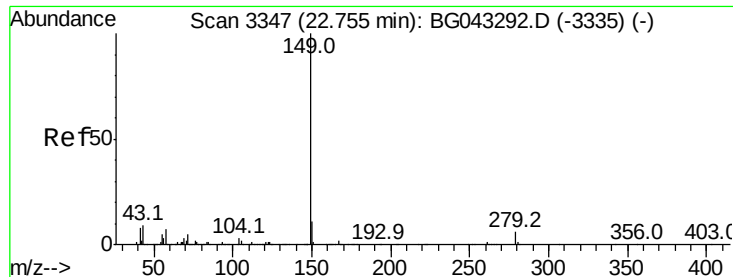


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.718 ng

RT: 22.71 min Scan# 3339

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

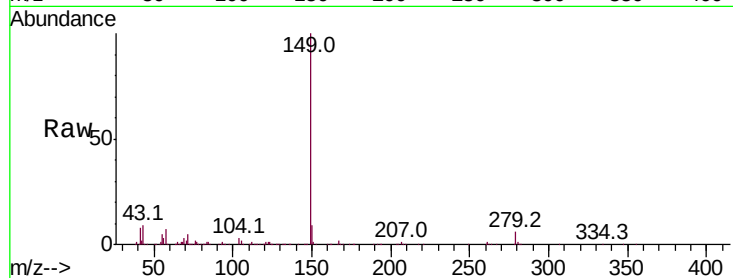
Tot Ion:149 Resp: 555302

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.2

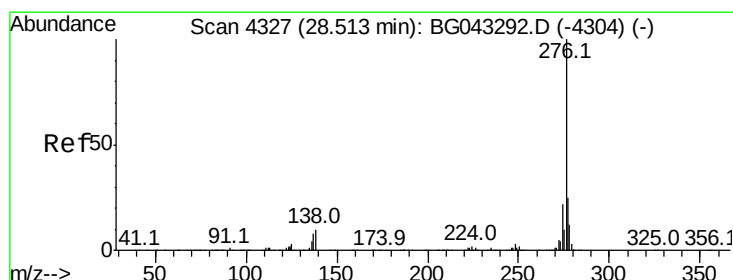
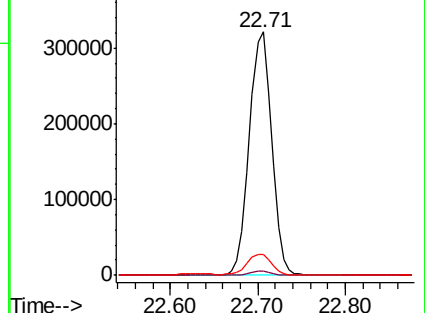
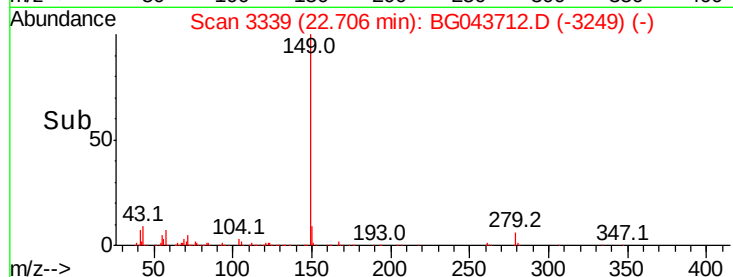
43 9.1 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.520 ng

RT: 28.43 min Scan# 4313

Delta R.T. -0.01 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

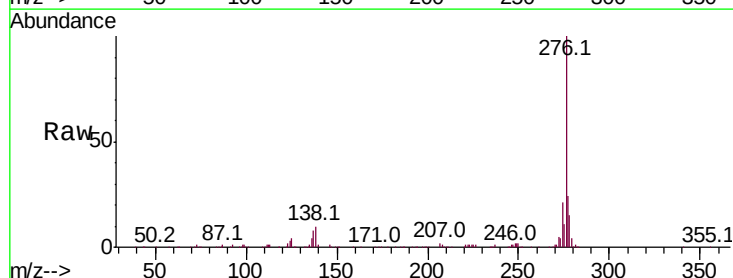
Tgt Ion:276 Resp: 747911

Ion Ratio Lower Upper

276 100

138 7.4 11.3 16.9#

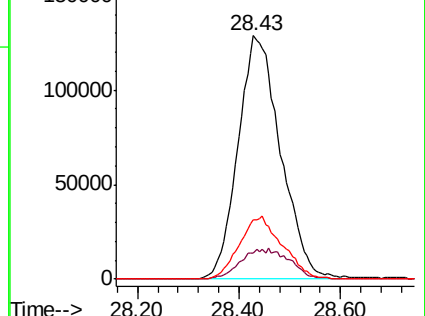
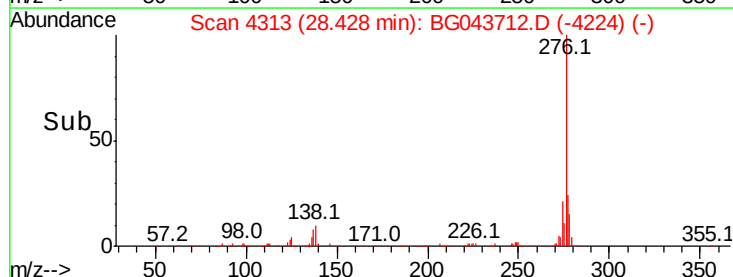
277 26.1 20.6 31.0

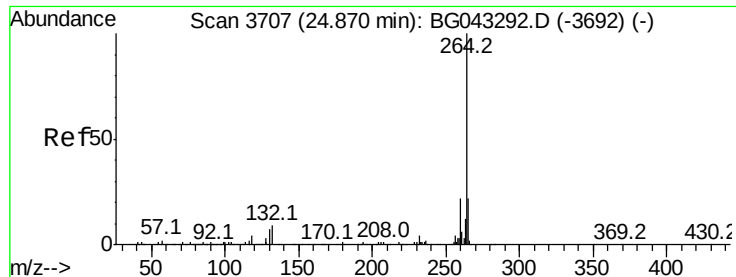


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

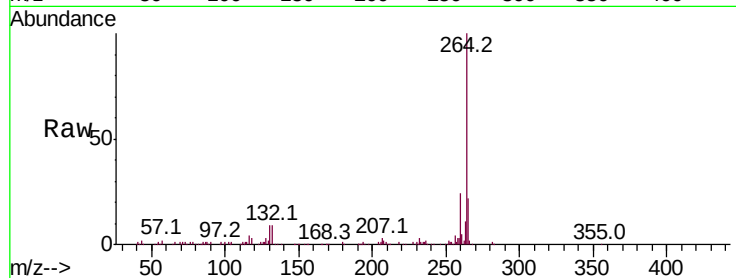
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 249029

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	22.4	15.8	23.8



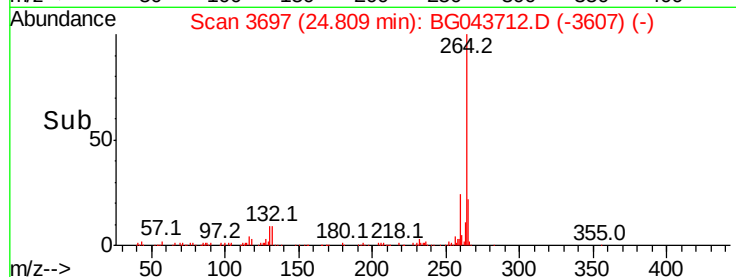
Abundance

Ion 264.00 (263.70 to 264.70): E

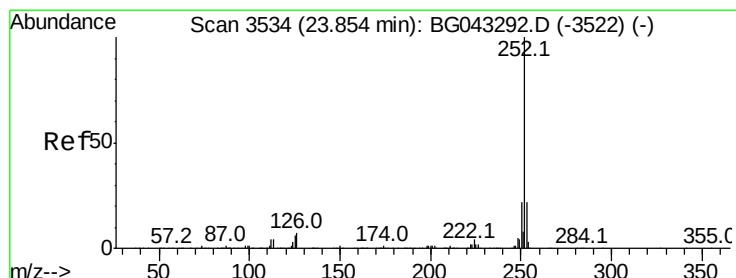
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->



#88

Benzo(b)fluoranthene

Concen: 44.019 ng

RT: 23.80 min Scan# 3526

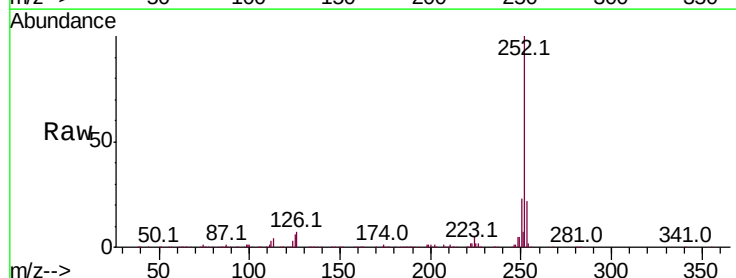
Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Tgt Ion:252 Resp: 620851

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	5.6	4.5	6.7



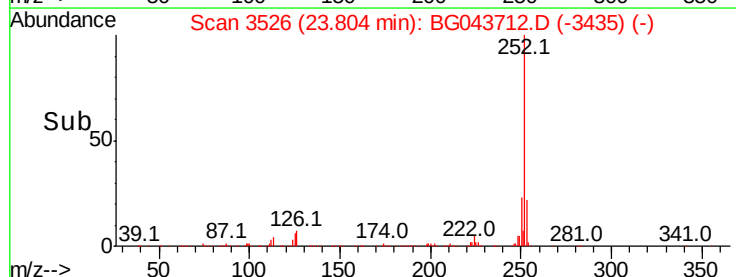
Abundance

Ion 252.00 (251.70 to 252.70): E

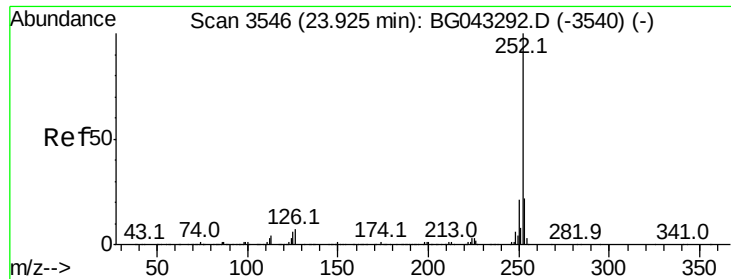
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



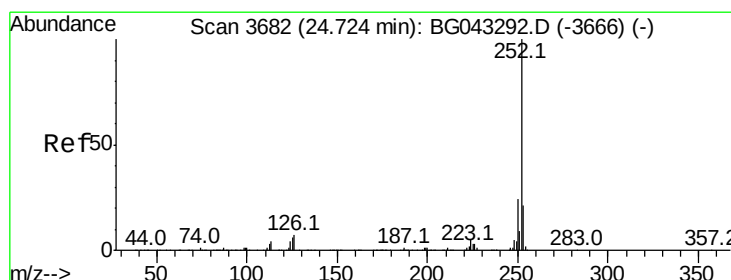
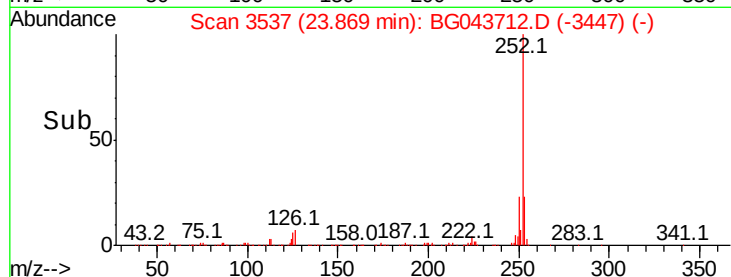
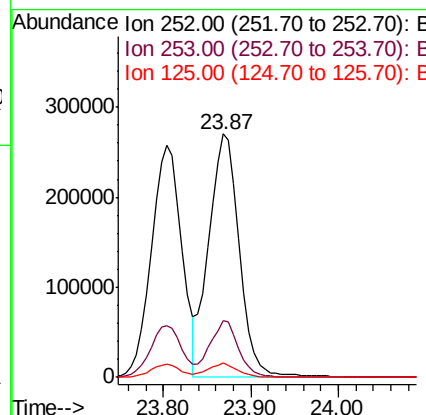
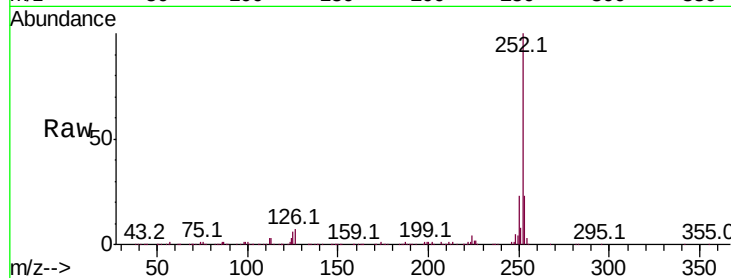
Time-->



#89
Benzo(k)fluoranthene
Concen: 46.052 ng
RT: 23.87 min Scan# 3537
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

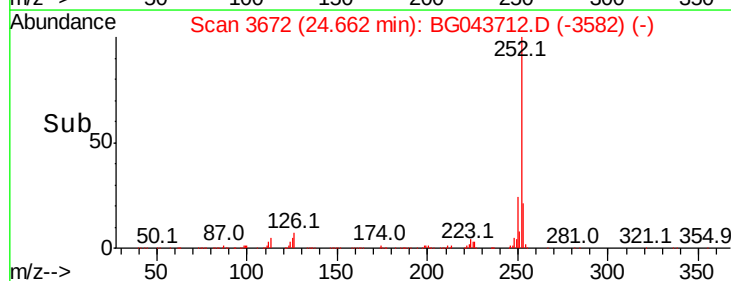
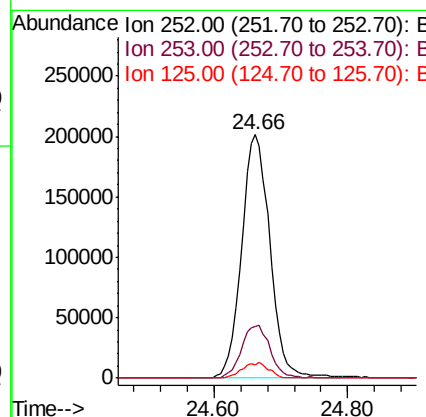
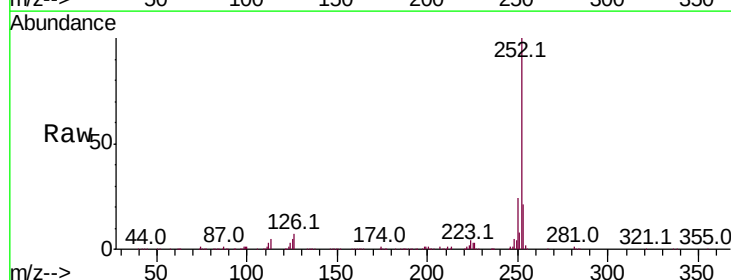
Instrument :
BNA_G
ClientSampleId :

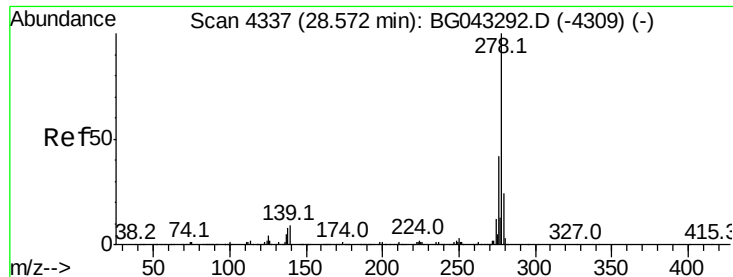
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	6.1	4.7	7.1



#90
Benzo(a)pyrene
Concen: 43.685 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.9	26.9
125	5.5	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 45.873 ng

RT: 28.49 min Scan# 4324

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

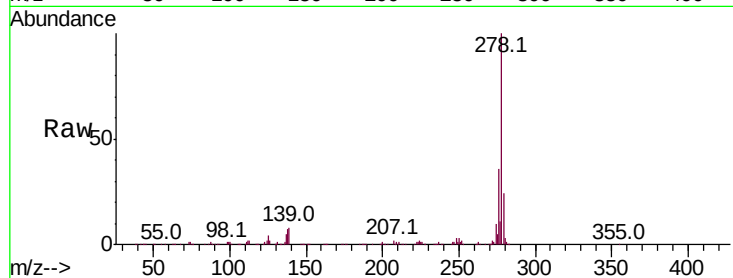
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 631955

Ion	Ratio	Lower	Upper
278	100		
139	8.2	7.2	10.8
279	23.9	19.0	28.4

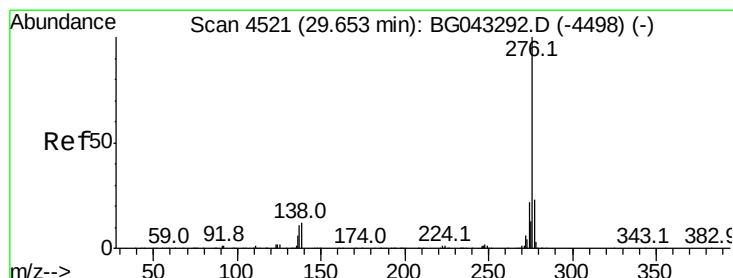
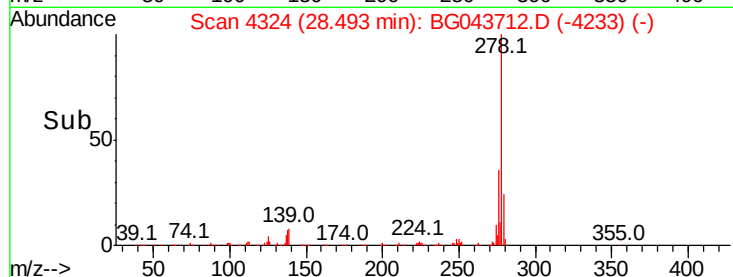
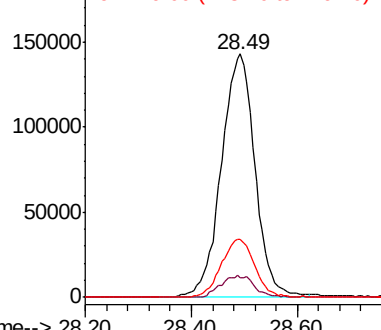


Abundance

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: 46.525 ng

RT: 29.56 min Scan# 4506

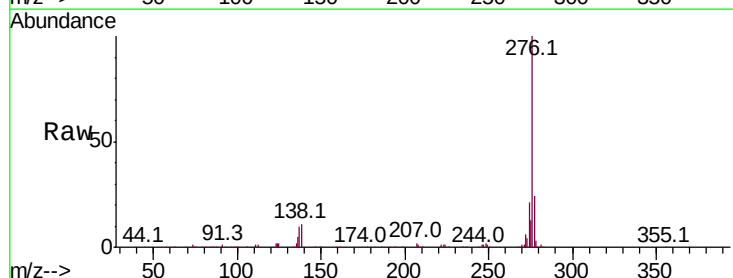
Delta R.T. -0.01 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Tgt Ion:276 Resp: 632222

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.8	29.6
138	11.2	9.7	14.5



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

