

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043673.D
 Acq On : 18 Nov 2019 14:59
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 19 01:39:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	24743	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	103352	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	74449	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	180877	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	193281	20.00	ng	-0.02
87) Perylene-d12	24.82	264	226475	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	116580	86.34	ng	0.00
7) Phenol-d6	7.19	99	164127	84.48	ng	0.00
23) Nitrobenzene-d5	9.16	82	158480	79.05	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	104569	73.81	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	443505	82.32	ng	-0.02
79) Terphenyl-d14	19.98	244	856145	83.10	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.46	88	21552	40.959	ng	# 93
3) Pyridine	3.86	79	60541	45.611	ng	95
4) n-Nitrosodimethylamine	3.78	42	29804	44.498	ng	# 81
6) Aniline	7.33	93	92114	41.160	ng	96
8) 2-Chlorophenol	7.57	128	61735	41.418	ng	96
9) Benzaldehyde	7.13	77	38681	40.515	ng	92
10) Phenol	7.21	94	75099	42.303	ng	96
11) bis(2-Chloroethyl)ether	7.41	93	55411	40.372	ng	98
12) 1,3-Dichlorobenzene	7.88	146	76916	41.186	ng	98
13) 1,4-Dichlorobenzene	8.03	146	78067	41.317	ng	97
14) 1,2-Dichlorobenzene	8.35	146	73439	39.807	ng	97
15) Benzyl Alcohol	8.24	79	56522	41.427	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.51	45	81434	40.804	ng	97
17) 2-Methylphenol	8.46	107	54319	41.973	ng	90
18) Hexachloroethane	9.07	117	26960	39.548	ng	94
19) n-Nitroso-di-n-propylamine	8.79	70	51704	41.187	ng	92
20) 3+4-Methylphenols	8.79	107	71035	40.028	ng	93
22) Acetophenone	8.82	105	103370	39.056	ng	# 91
24) Nitrobenzene	9.20	77	76012	39.803	ng	# 95
25) Isophorone	9.72	82	142607	38.909	ng	98
26) 2-Nitrophenol	9.92	139	38181	41.412	ng	97
27) 2,4-Dimethylphenol	9.99	122	55829	42.249	ng	98
28) bis(2-Chloroethoxy)methane	10.20	93	78134	38.625	ng	98
29) 2,4-Dichlorophenol	10.46	162	65684	38.794	ng	98
30) 1,2,4-Trichlorobenzene	10.66	180	84347	39.526	ng	94
31) Naphthalene	10.85	128	205338	39.141	ng	99
32) Benzoic acid	10.16	122	30572	33.636	ng	89
33) 4-Chloroaniline	10.97	127	85531	39.774	ng	97
34) Hexachlorobutadiene	11.13	225	62768	39.790	ng	91
35) Caprolactam	11.73	113	22153	37.990	ng	# 84
36) 4-Chloro-3-methylphenol	12.11	107	73561	39.831	ng	97
37) 2-Methylnaphthalene	12.46	142	157745	39.189	ng	98
38) 1-Methylnaphthalene	12.67	142	149171	38.949	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	110496	40.104	ng	98

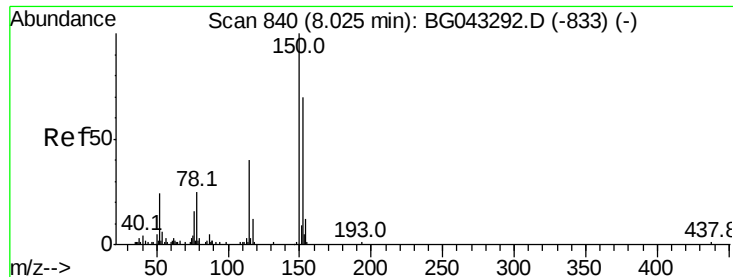
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043673.D
 Acq On : 18 Nov 2019 14:59
 Operator : JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 19 01:39:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	83082	57.403	ng	100
43) 2,4,6-Trichlorophenol	13.07	196	63829	39.338	ng	97
44) 2,4,5-Trichlorophenol	13.16	196	64574	39.365	ng	96
46) 1,1'-Biphenyl	13.46	154	230977	40.782	ng	95
47) 2-Chloronaphthalene	13.50	162	172901	40.123	ng	99
48) 2-Nitroaniline	13.72	65	52557	40.806	ng	91
49) Acenaphthylene	14.35	152	273313	40.751	ng	98
50) Dimethylphthalate	14.08	163	231912	40.216	ng	97
51) 2,6-Dinitrotoluene	14.20	165	49708	39.678	ng	95
52) Acenaphthene	14.69	154	163431	39.958	ng	96
53) 3-Nitroaniline	14.54	138	48261	39.900	ng	96
54) 2,4-Dinitrophenol	14.75	184	29742	41.840	ng	93
55) Dibenzofuran	15.02	168	266916	40.242	ng	99
56) 4-Nitrophenol	14.89	139	27980	34.520	ng	85
57) 2,4-Dinitrotoluene	14.99	165	71299	39.824	ng	97
58) Fluorene	15.68	166	226317	40.683	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	63050	36.176	ng	99
60) Diethylphthalate	15.43	149	231082	39.882	ng	99
61) 4-Chlorophenyl-phenylether	15.66	204	128560	39.614	ng	98
62) 4-Nitroaniline	15.70	138	52909	42.356	ng	90
63) Azobenzene	15.96	77	185621	39.584	ng	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	39034	36.670	ng	95
66) n-Nitrosodiphenylamine	15.88	169	194833	38.153	ng	97
67) 4-Bromophenyl-phenylether	16.56	248	92575	38.031	ng	94
68) Hexachlorobenzene	16.68	284	103989	37.217	ng	97
69) Atrazine	16.83	200	75537	42.569	ng	97
70) Pentachlorophenol	17.04	266	55404	43.516	ng	99
71) Phenanthrene	17.41	178	355920	38.427	ng	99
72) Anthracene	17.50	178	359307	38.773	ng	97
73) Carbazole	17.78	167	320942	38.244	ng	97
74) Di-n-butylphthalate	18.32	149	397818	39.069	ng	99
75) Fluoranthene	19.42	202	472338	39.117	ng	99
77) Benzidine	19.61	184	161262	41.457	ng	97
78) Pyrene	19.79	202	482726	40.349	ng	99
80) Butylbenzylphthalate	20.67	149	185427	40.909	ng	97
81) Benzo(a)anthracene	21.62	228	494595	40.852	ng	98
82) 3,3'-Dichlorobenzidine	21.53	252	196894	42.047	ng	95
83) Chrysene	21.69	228	488839	40.638	ng	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	268615	41.719	ng	99
85) Di-n-octyl phthalate	22.71	149	456320	41.774	ng	99
86) Indeno(1,2,3-cd)pyrene	28.44	276	618390	40.954	ng	# 94
88) Benzo(b)fluoranthene	23.81	252	522247	40.715	ng	100
89) Benzo(k)fluoranthene	23.88	252	526267	40.755	ng	99
90) Benzo(a)pyrene	24.67	252	502709	41.042	ng	99
91) Dibenzo(a,h)anthracene	28.50	278	517225	41.284	ng	98
92) Benzo(g,h,i)perylene	29.58	276	502584	40.668	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampleId :

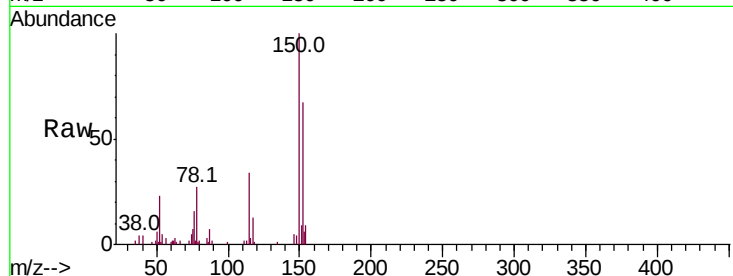
Tot Ion:152 Resp: 24743

Ion Ratio Lower Upper

152 100

150 148.8 129.4 194.0

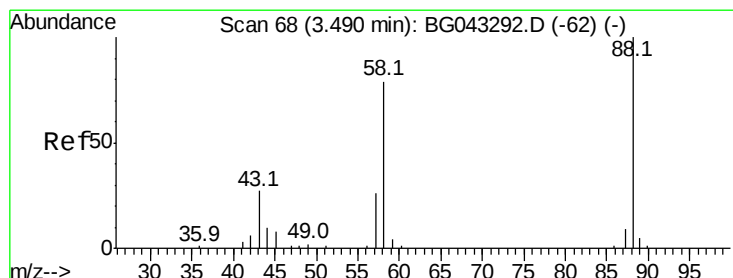
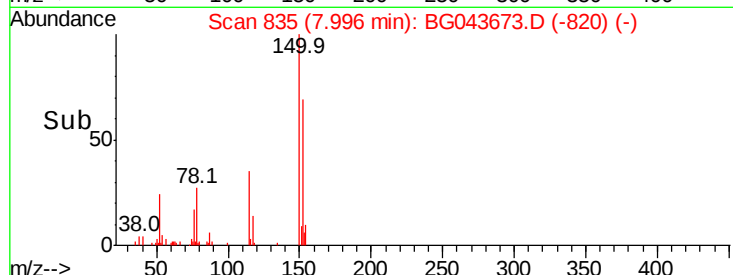
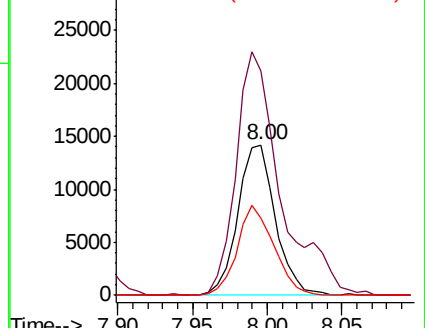
115 50.9 48.8 73.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.959 ng

RT: 3.46 min Scan# 63

Delta R.T. -0.01 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

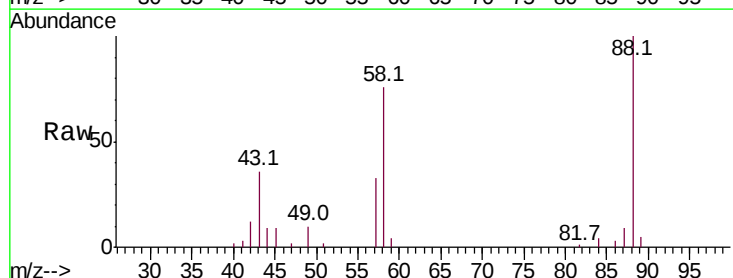
Tgt Ion: 88 Resp: 21552

Ion Ratio Lower Upper

88 100

58 82.8 62.7 94.1

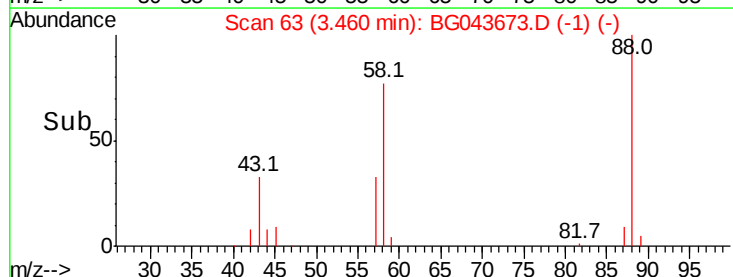
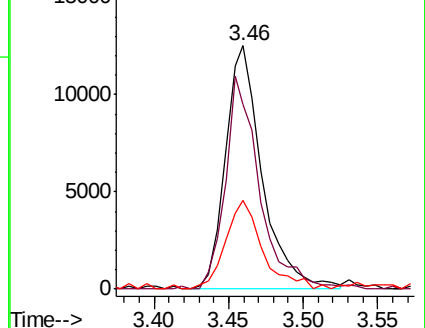
43 36.8 23.7 35.5#

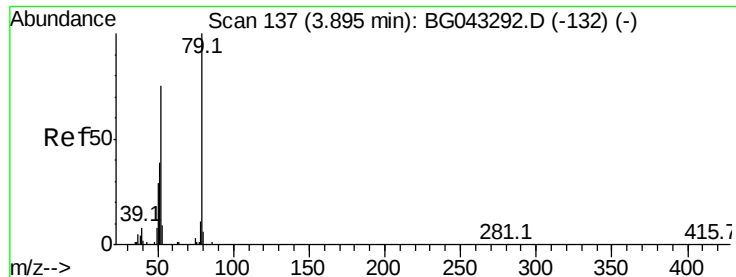


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 45.611 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampleId :

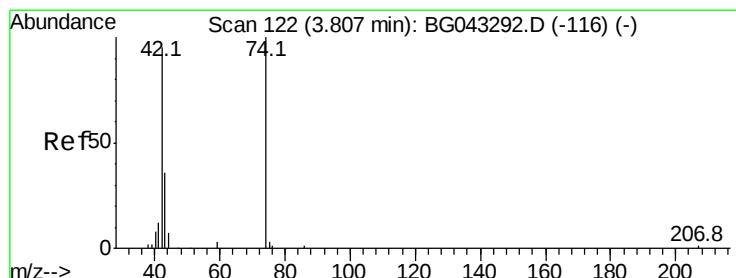
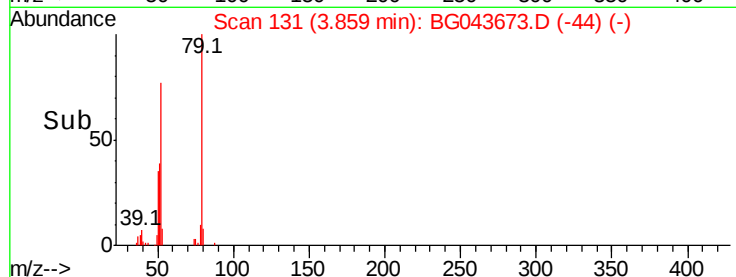
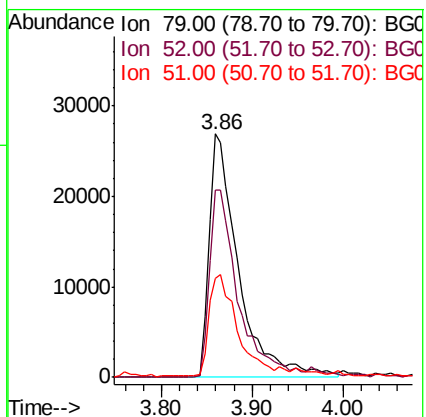
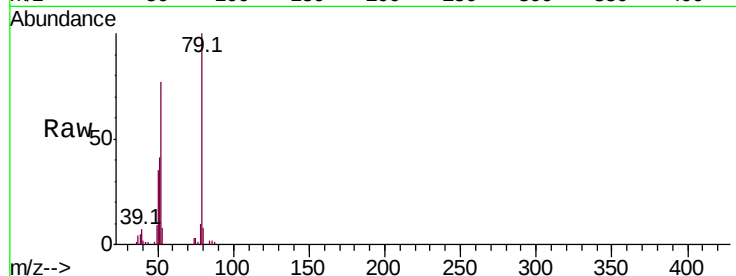
Tot Ion: 79 Resp: 60541

Ion Ratio Lower Upper

79 100

52 76.9 56.5 84.7

51 40.8 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 44.498 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

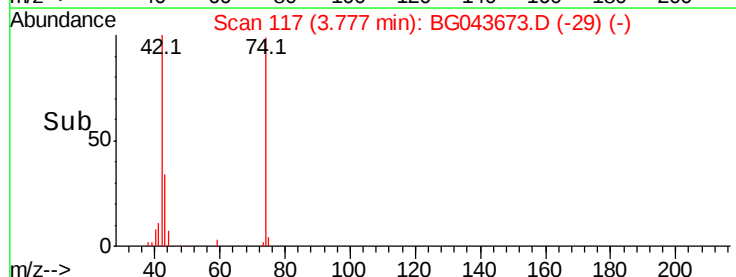
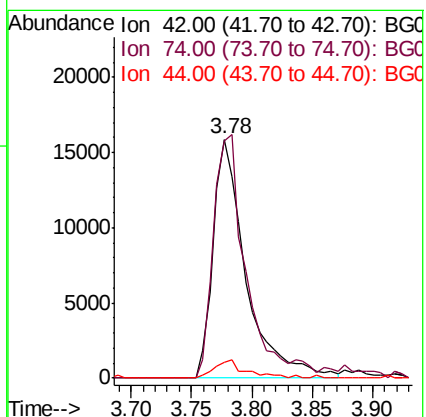
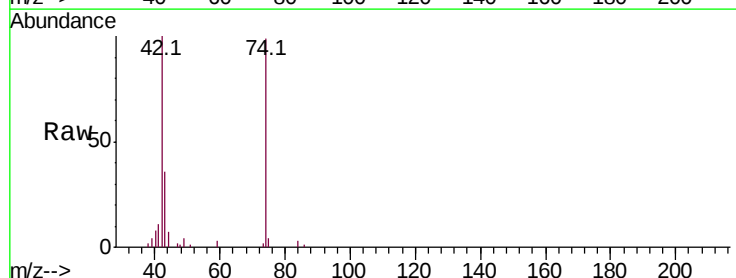
Tgt Ion: 42 Resp: 29804

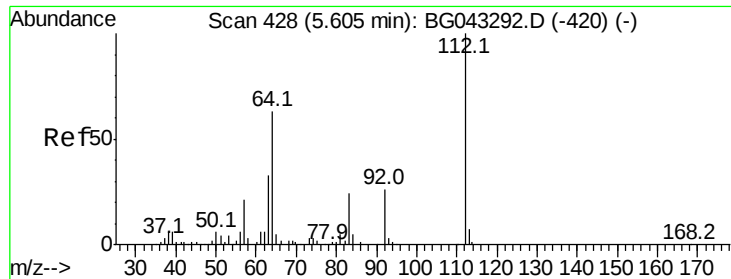
Ion Ratio Lower Upper

42 100

74 99.0 97.3 145.9

44 6.8 4.4 6.6#





#5

2-Fluorophenol

Concen: 86.338 ng

RT: 5.59 min Scan# 425

Delta R.T. -0.01 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampled :

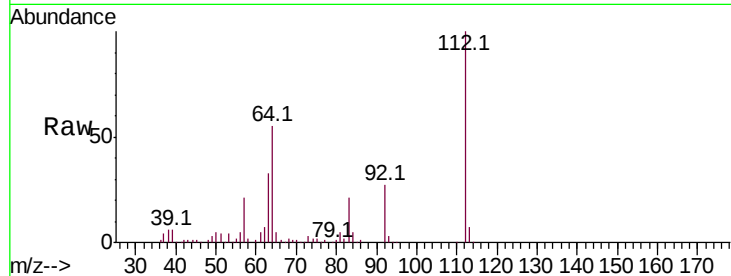
Tot Ion:112 Resp: 116580

Ion Ratio Lower Upper

112 100

64 54.5 50.0 75.0

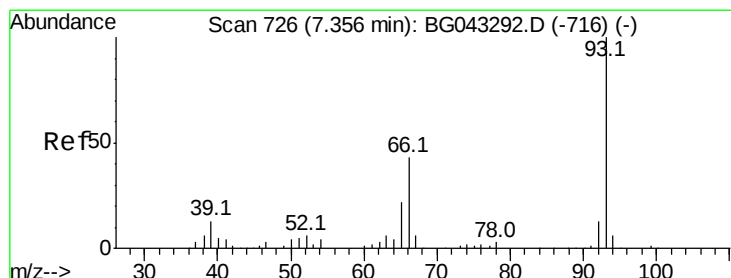
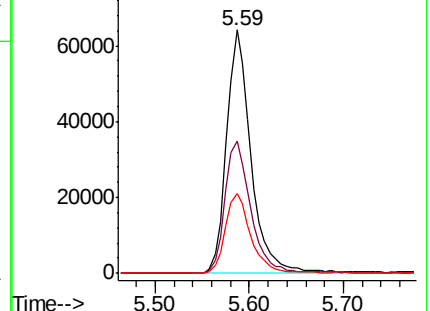
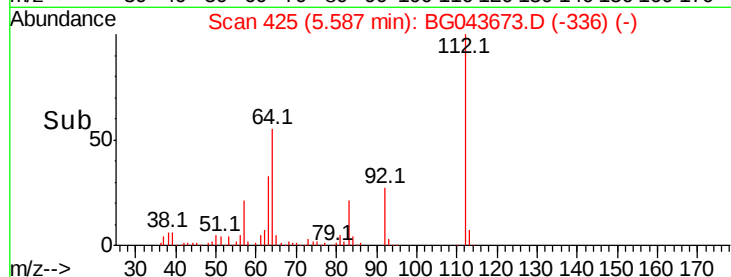
63 32.7 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.160 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

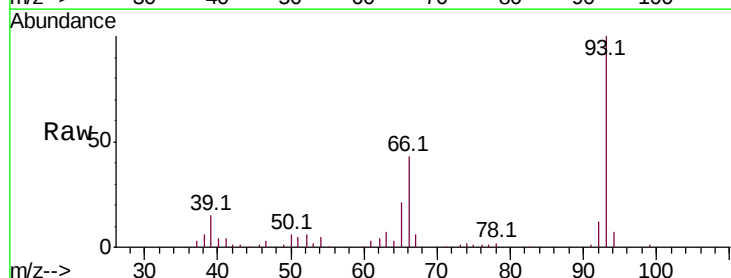
Tgt Ion: 93 Resp: 92114

Ion Ratio Lower Upper

93 100

66 43.3 32.3 48.5

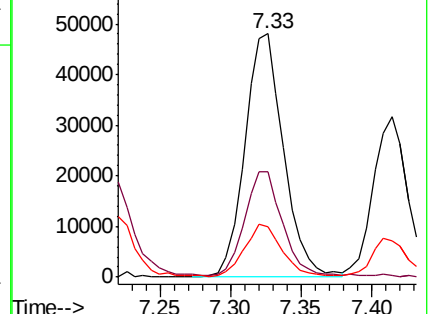
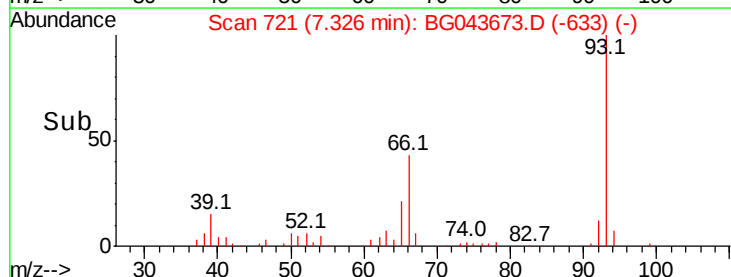
65 20.7 16.1 24.1

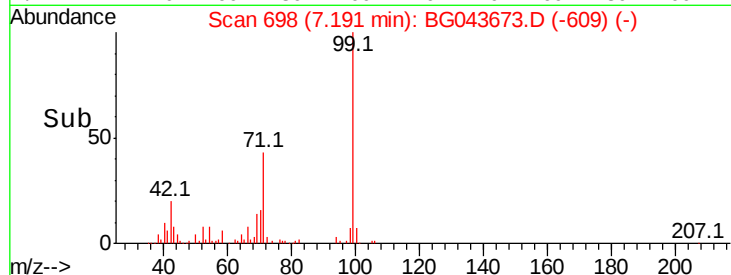
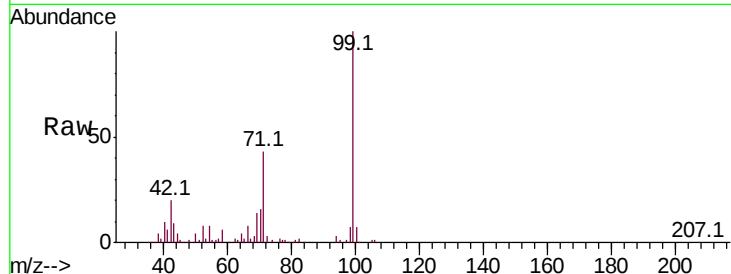
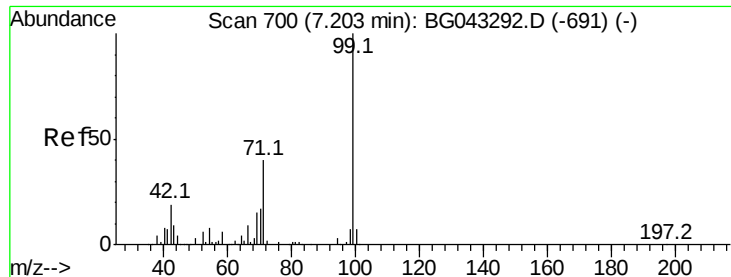


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

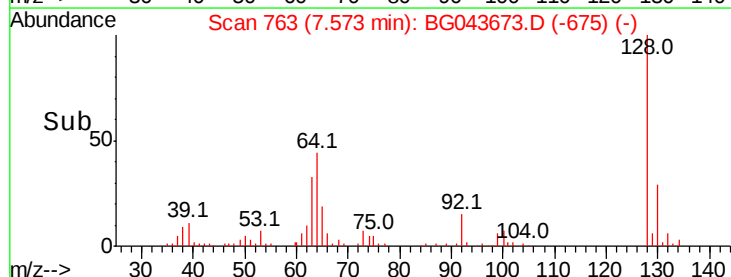
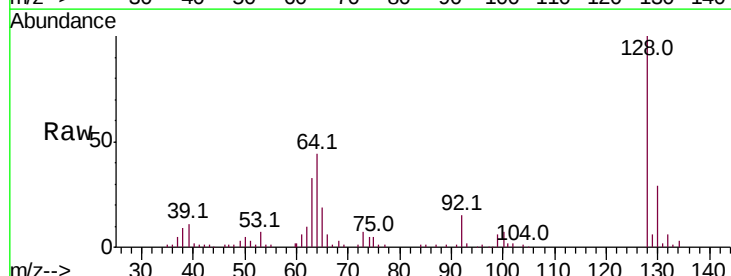
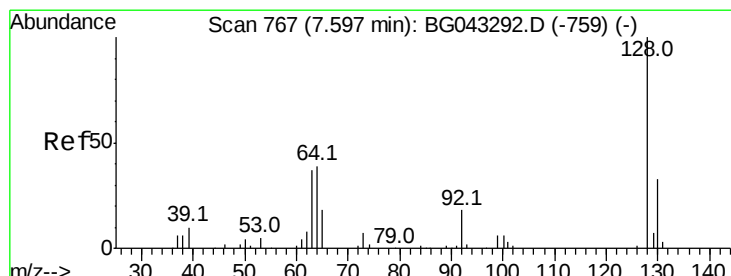
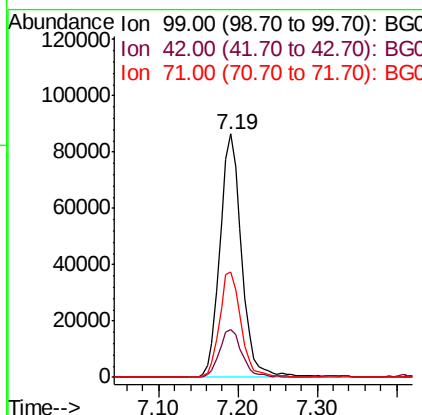




#7
Phenol-d6
Concen: 84.483 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

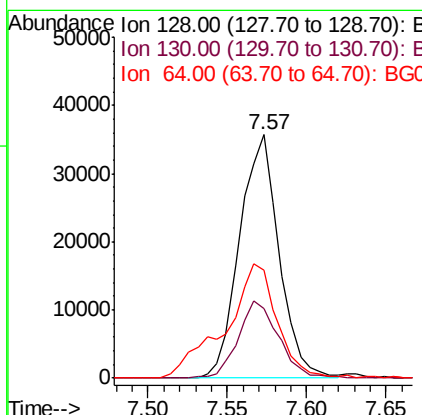
Instrument :
BNA_G
ClientSampled :

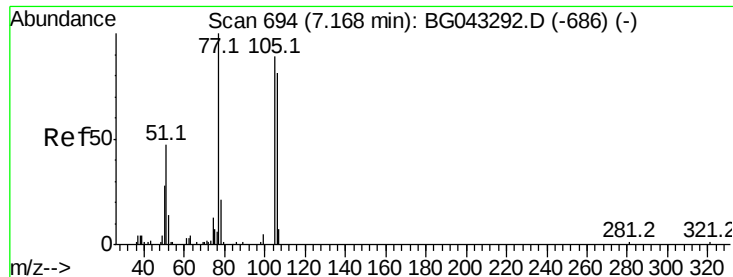
Tot Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.6	21.8
71	43.3	32.5	48.7



#8
2-Chlorophenol
Concen: 41.418 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

Tgt Ion	Ratio	Lower	Upper
128	100		
130	28.6	12.5	52.5
64	44.1	25.3	65.3

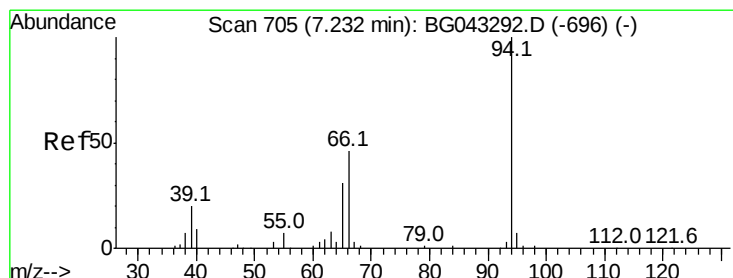
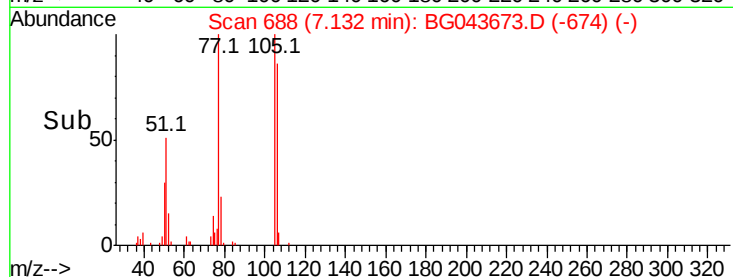
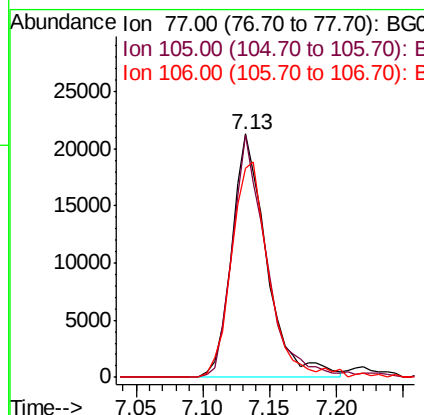
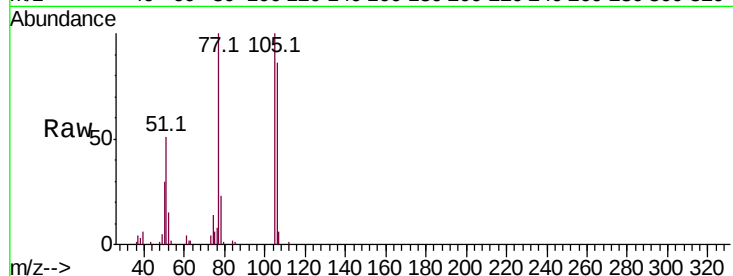




#9
Benzaldehyde
Concen: 40.515 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.02 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

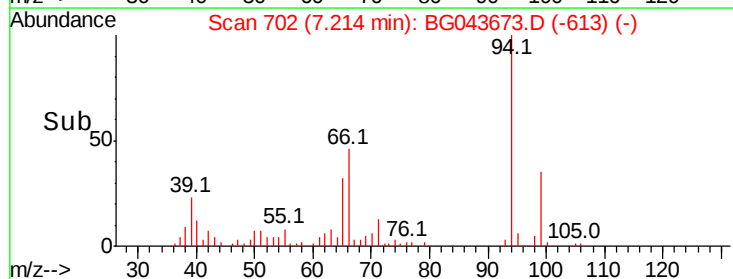
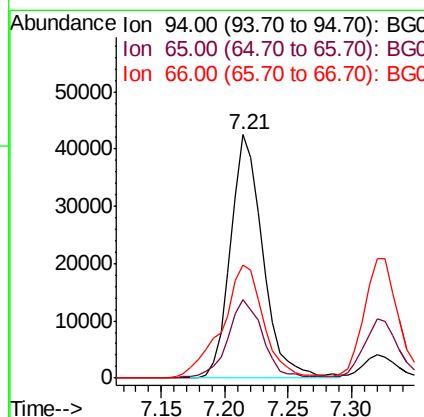
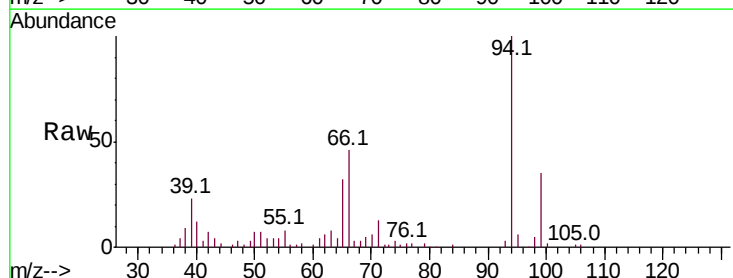
Instrument :
BNA_G
ClientSampleId :

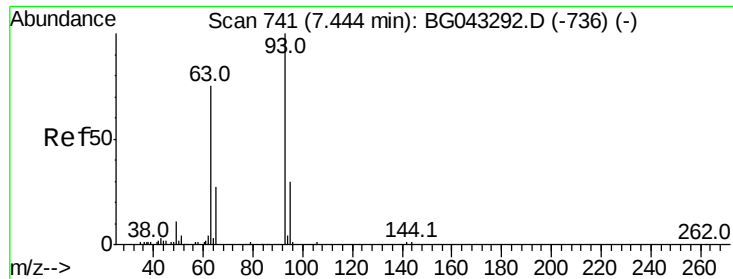
Tot Ion: 77 Resp: 38681
Ion Ratio Lower Upper
77 100
105 99.6 68.6 108.6
106 85.9 69.9 109.9



#10
Phenol
Concen: 42.303 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.01 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

Tgt Ion: 94 Resp: 75099
Ion Ratio Lower Upper
94 100
65 32.0 12.6 52.6
66 46.5 30.7 70.7





#11

bis(2-Chloroethyl)ether

Concen: 40.372 ng

RT: 7.41 min Scan# 736

Delta R.T. -0.02 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampleId :

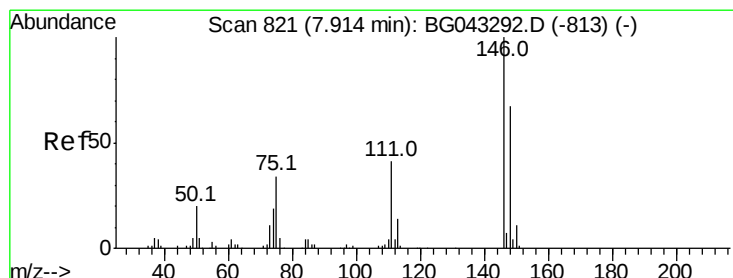
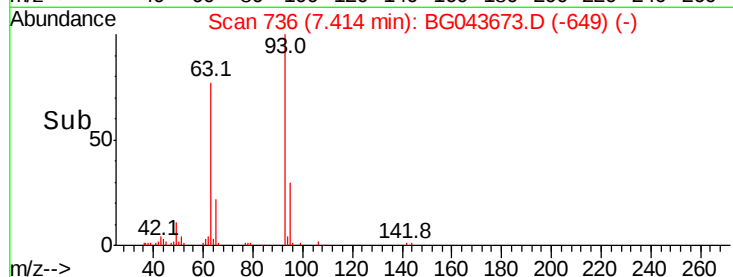
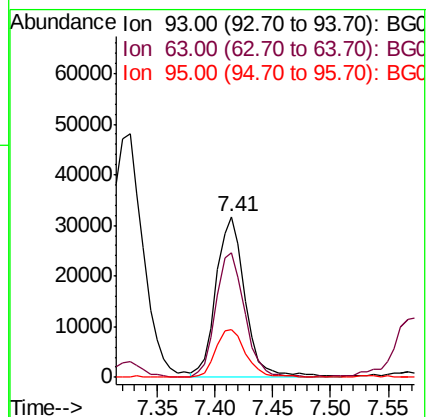
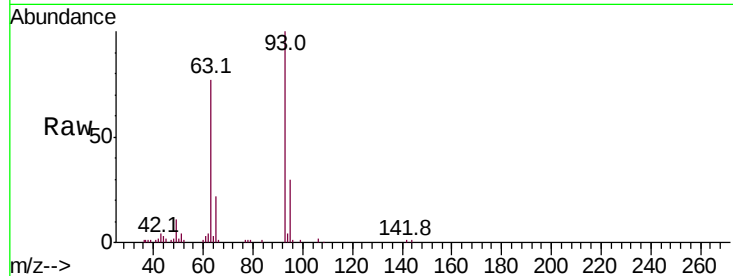
Tot Ion: 93 Resp: 55411

Ion Ratio Lower Upper

93 100

63 77.2 56.3 96.3

95 30.0 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 41.186 ng

RT: 7.88 min Scan# 816

Delta R.T. -0.02 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

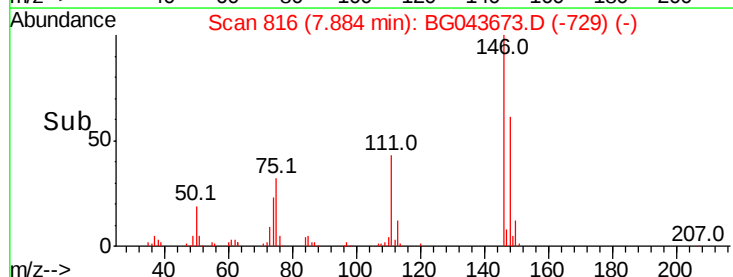
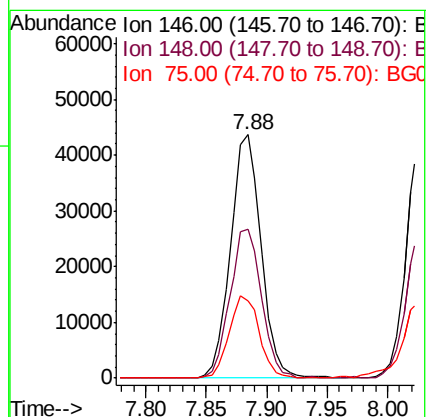
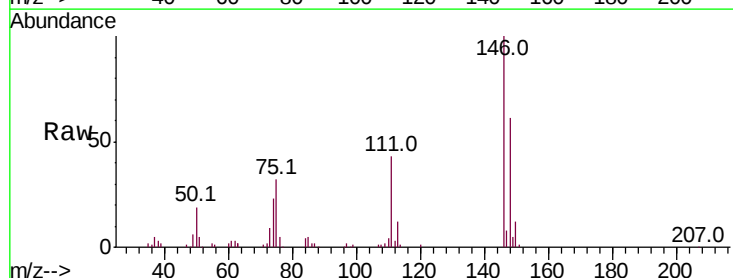
Tgt Ion: 146 Resp: 76916

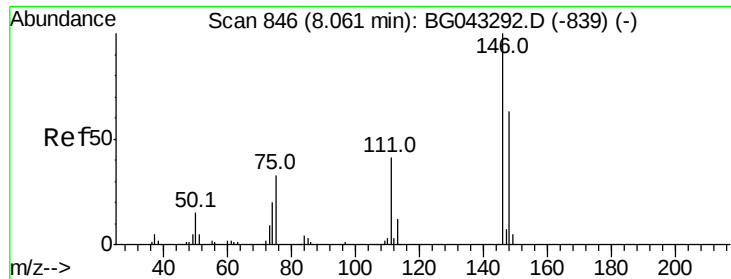
Ion Ratio Lower Upper

146 100

148 61.0 50.3 75.5

75 31.8 24.6 37.0





#13

1,4-Dichlorobenzene

Concen: 41.317 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampled :

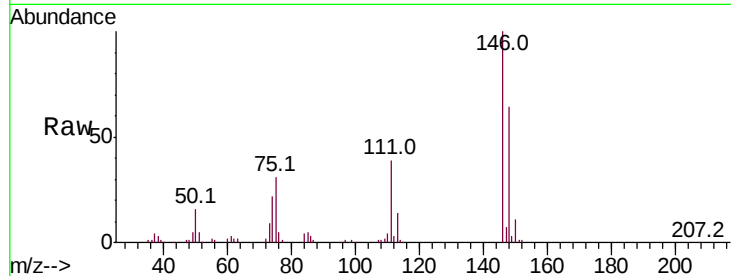
Tot Ion:146 Resp: 78067

Ion Ratio Lower Upper

146 100

148 64.4 50.7 76.1

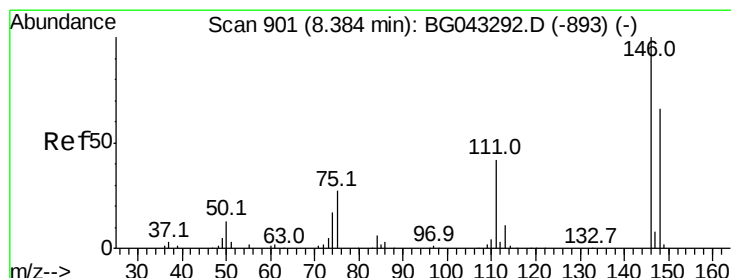
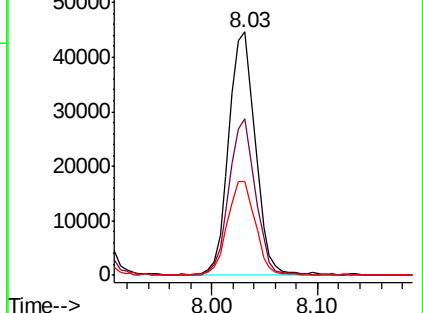
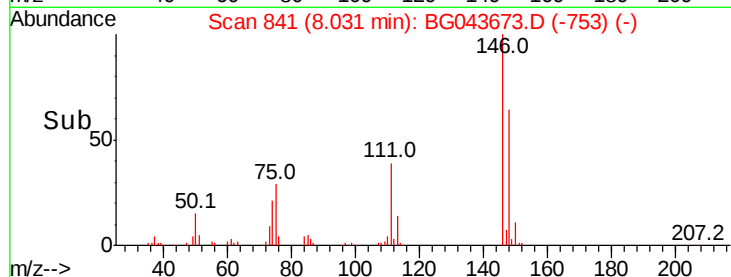
111 38.8 33.4 50.2



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: 39.807 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.02 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

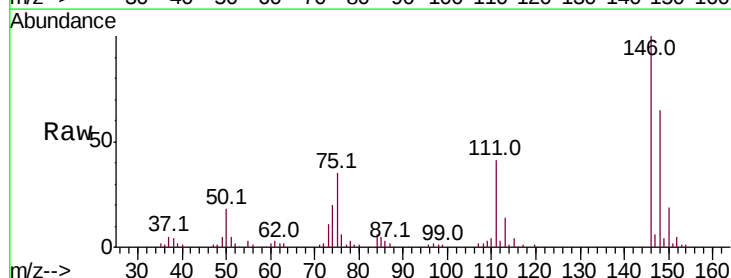
Tgt Ion:146 Resp: 73439

Ion Ratio Lower Upper

146 100

148 65.3 53.2 79.8

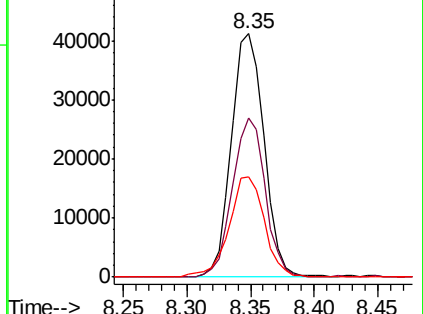
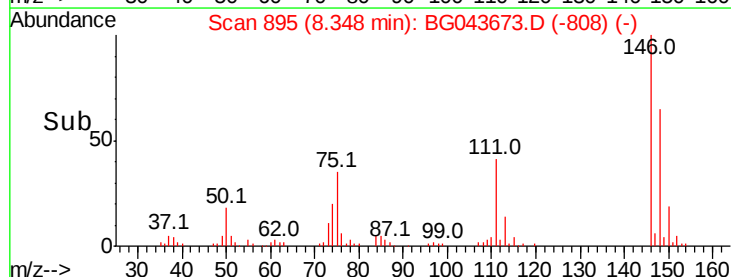
111 40.9 35.8 53.6

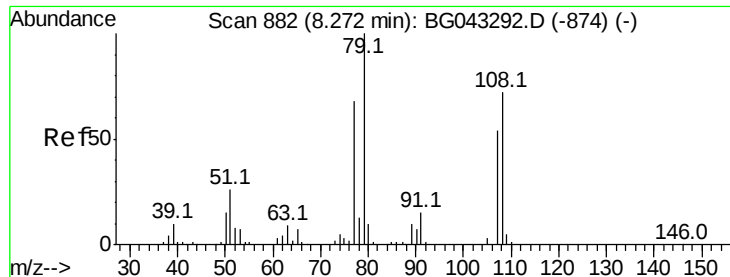


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.427 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampleId :

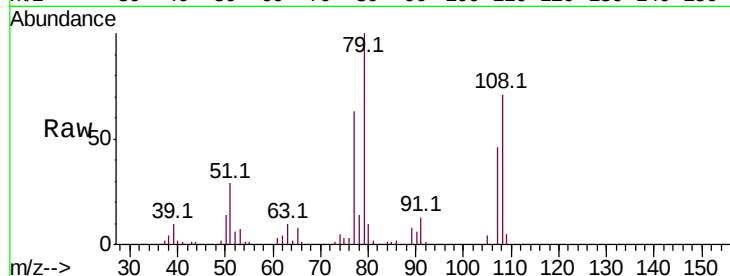
Tot Ion: 79 Resp: 56522

Ion Ratio Lower Upper

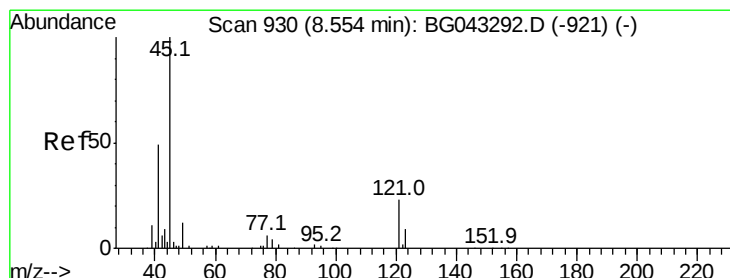
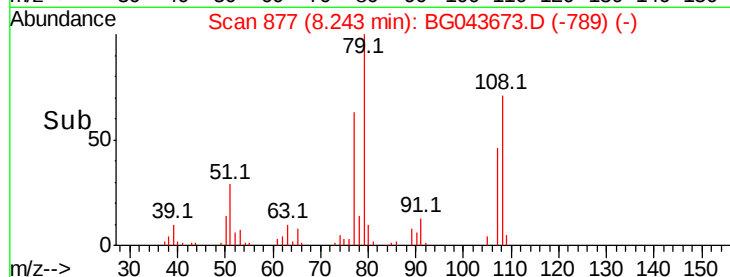
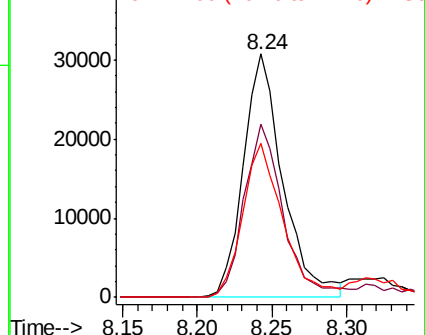
79 100

108 71.2 53.6 80.4

77 63.4 49.6 74.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.804 ng

RT: 8.51 min Scan# 923

Delta R.T. -0.03 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

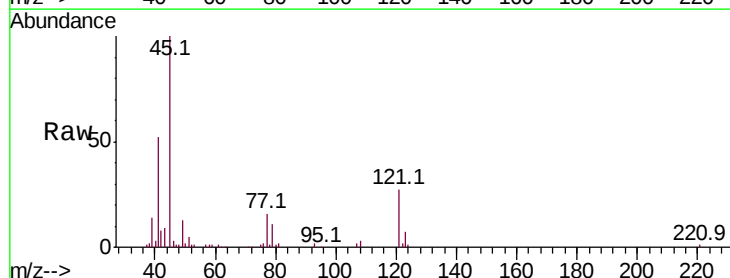
Tgt Ion: 45 Resp: 81434

Ion Ratio Lower Upper

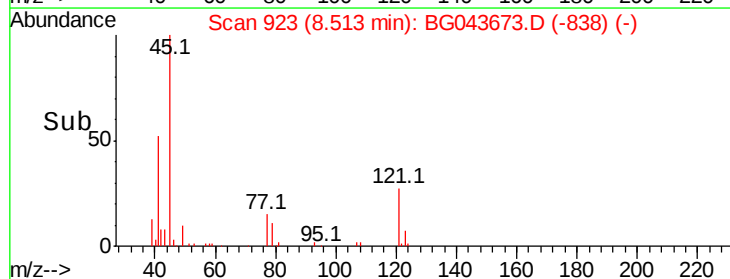
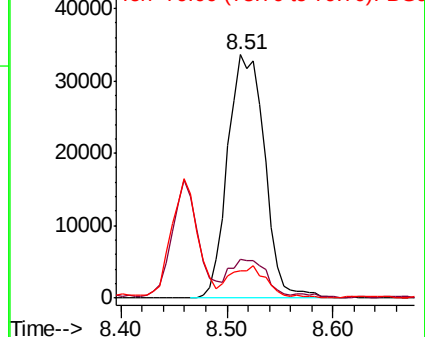
45 100

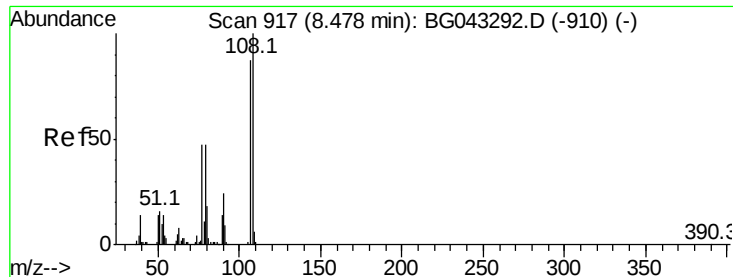
77 15.8 0.0 34.9

79 11.2 0.0 33.0



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





#17

2-Methylphenol

Concen: 41.973 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 54319

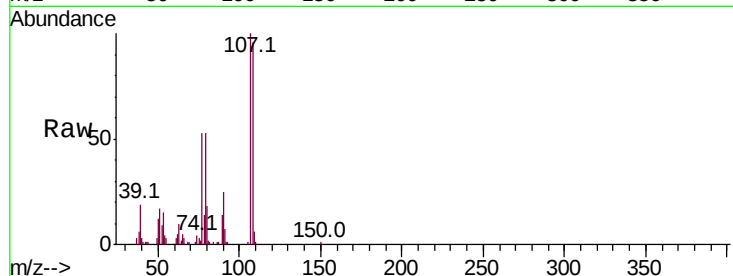
Ion Ratio Lower Upper

107 100

108 96.2 90.2 135.4

77 53.0 40.2 60.2

79 53.3 44.0 66.0

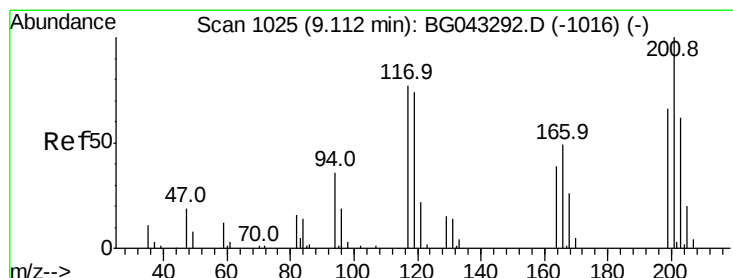
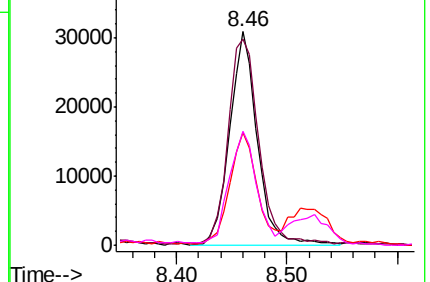
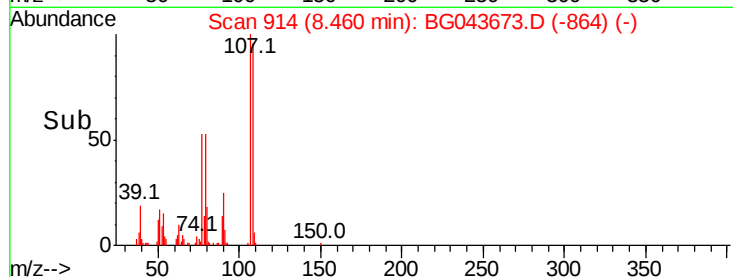


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.548 ng

RT: 9.07 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

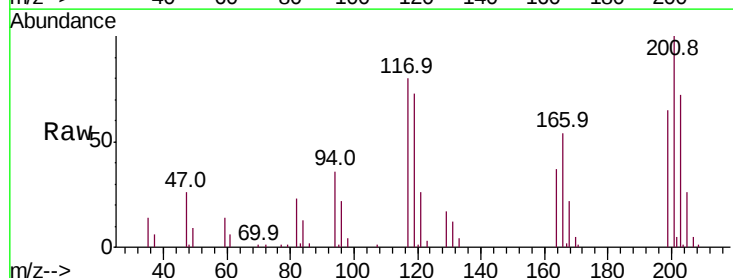
Tgt Ion:117 Resp: 26960

Ion Ratio Lower Upper

117 100

119 91.3 79.0 118.4

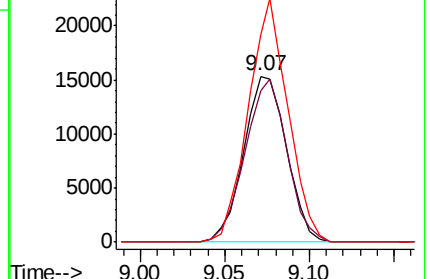
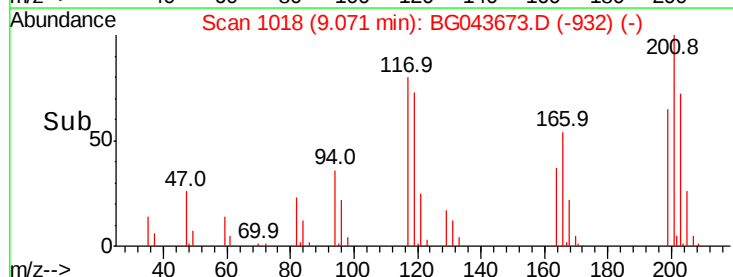
201 125.6 105.4 158.2

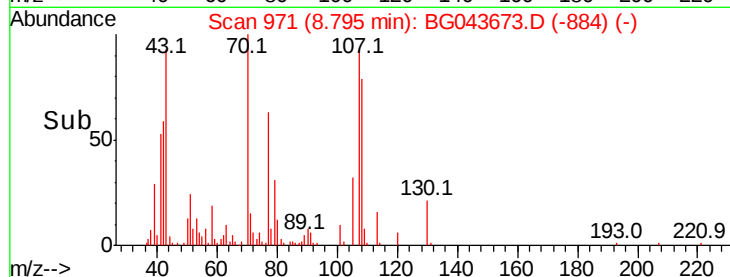
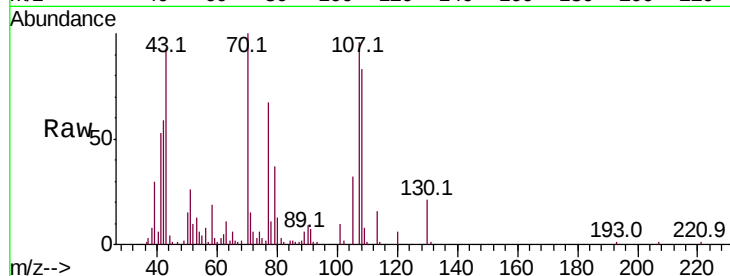
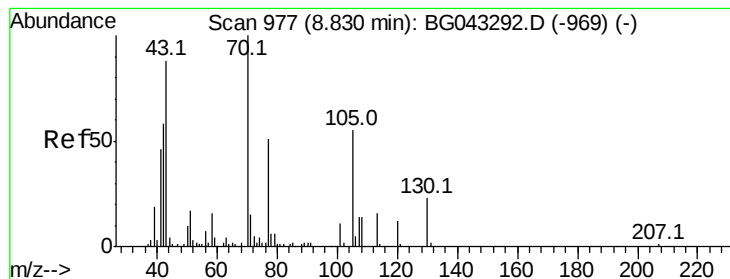


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.187 ng

RT: 8.79 min Scan# 971

Delta R.T. -0.02 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 51704

Ion Ratio Lower Upper

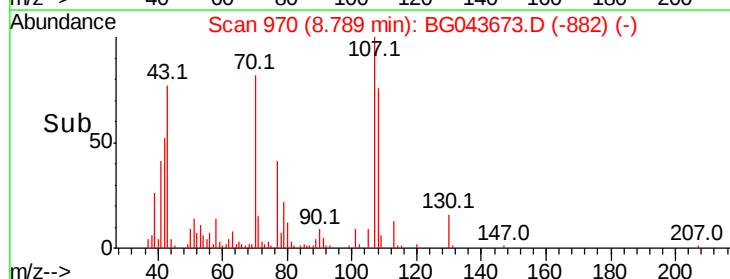
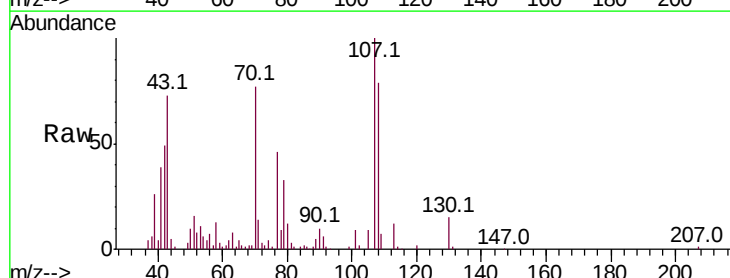
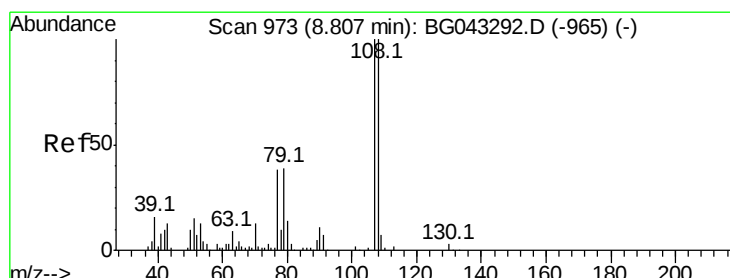
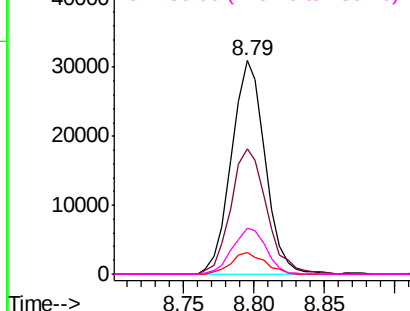
70 100

42 59.0 41.4 62.2

101 10.4 7.9 11.9

130 21.4 19.0 28.4

Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 40.028 ng

RT: 8.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Tgt Ion:107 Resp: 71035

Ion Ratio Lower Upper

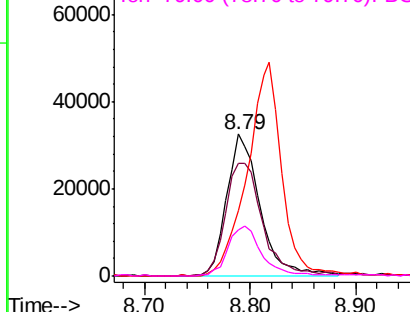
107 100

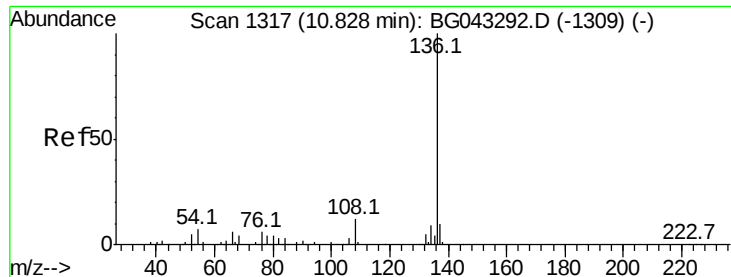
108 79.5 66.6 106.6

77 46.1 20.9 60.9

79 32.7 11.3 51.3

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

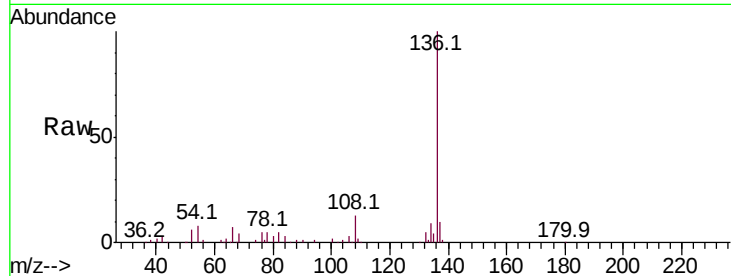




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	103352
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.7 13.1
54	8.0	5.4 8.2
68	4.2	3.0 4.4



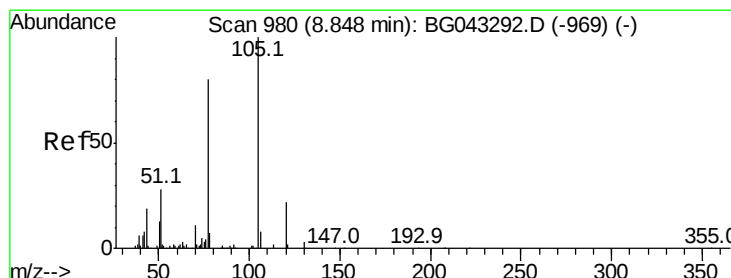
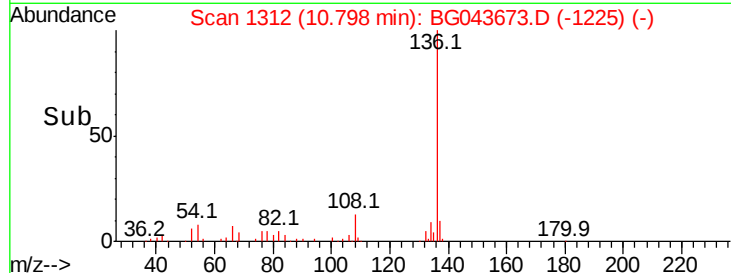
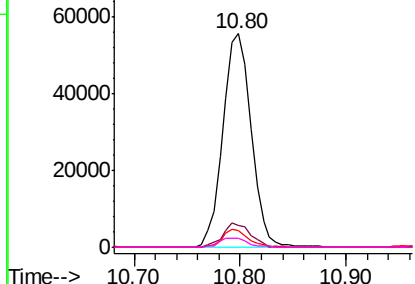
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

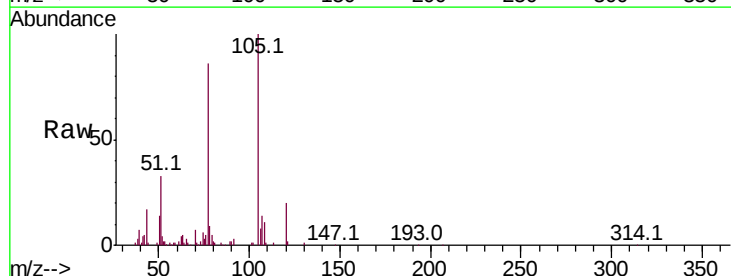
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.056 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

Tgt Ion:105	Resp:	103370
Ion	Ratio	Lower Upper
105	100	
71	0.9	0.8 1.2
51	33.1	21.0 31.4#
120	20.4	18.0 27.0



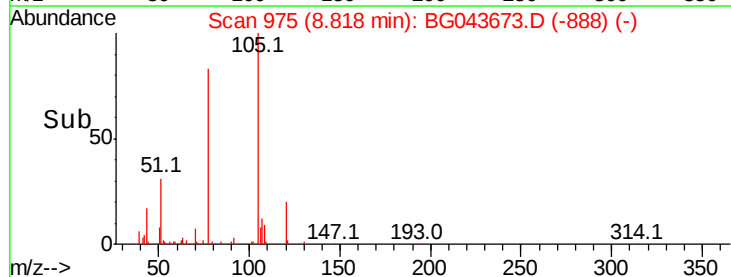
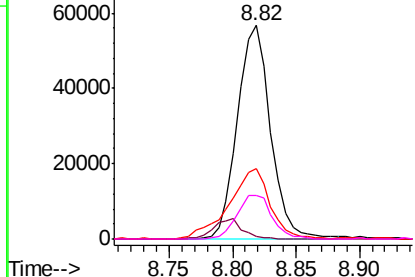
Abundance

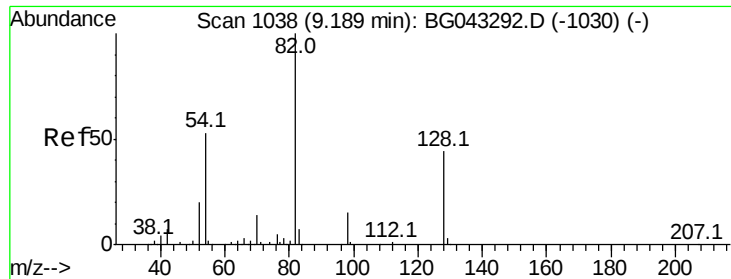
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

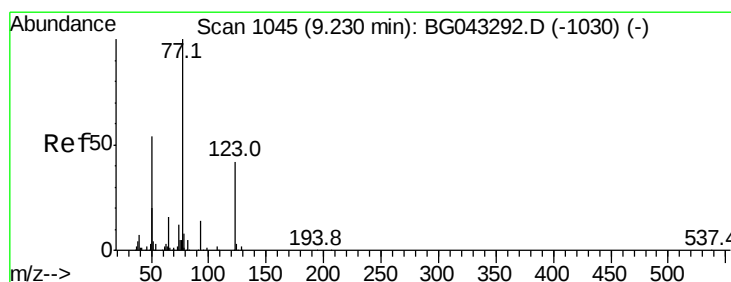
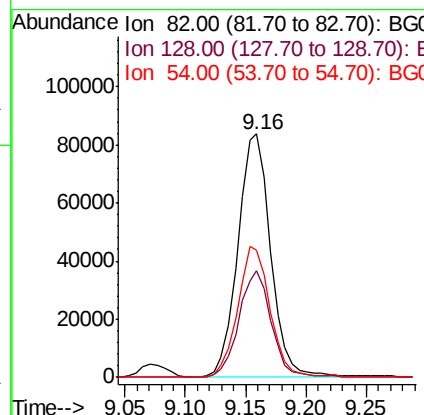
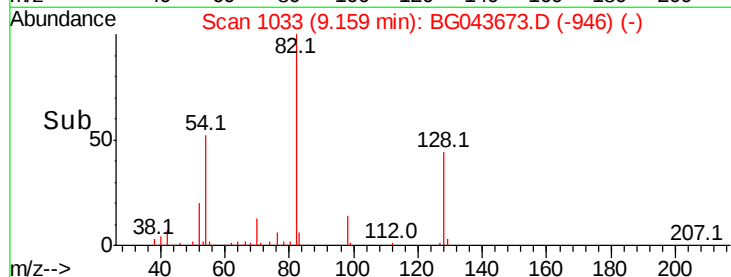
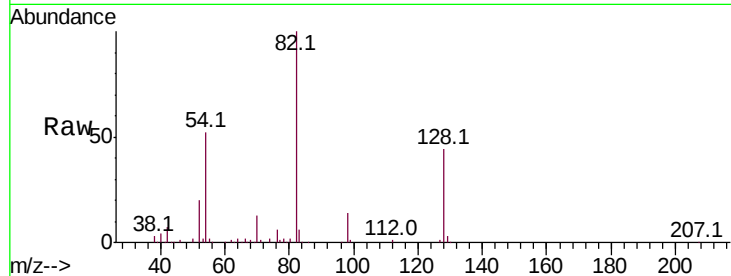




#23
 Nitrobenzene-d5
 Concen: 79.054 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BG043673.D
 Acq: 18 Nov 2019 14:59

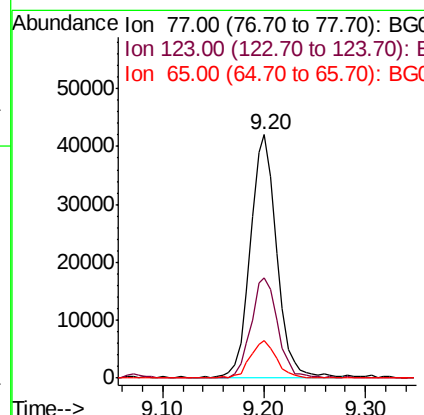
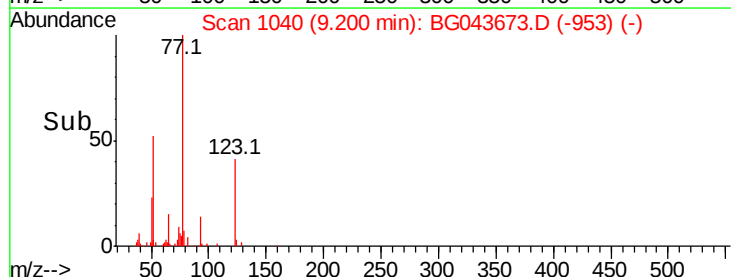
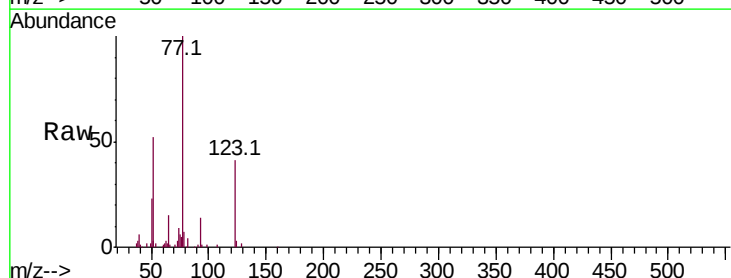
Instrument :
 BNA_G
 ClientSampleId :

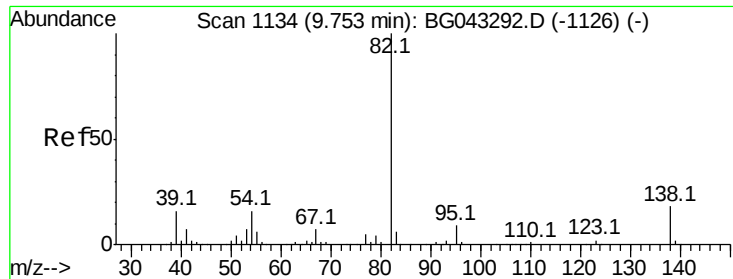
Tot Ion: 82 Resp: 158480
 Ion Ratio Lower Upper
 82 100
 128 43.7 35.0 52.6
 54 52.4 40.2 60.2



#24
 Nitrobenzene
 Concen: 39.803 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BG043673.D
 Acq: 18 Nov 2019 14:59

Tgt Ion: 77 Resp: 76012
 Ion Ratio Lower Upper
 77 100
 123 40.9 35.0 52.6
 65 15.5 9.5 14.3#

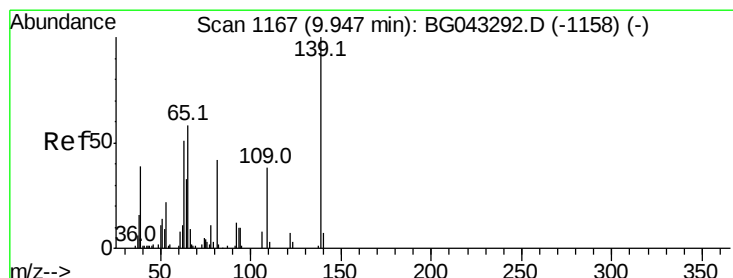
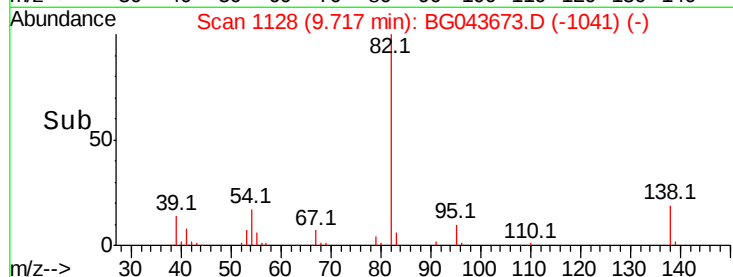
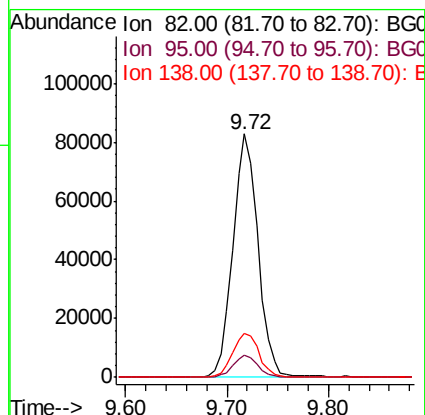
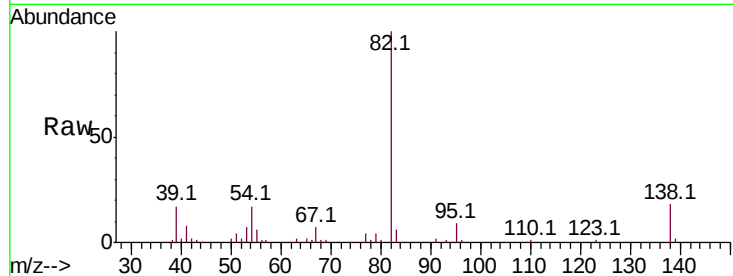




#25
Isophorone
Concen: 38.909 ng
RT: 9.72 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

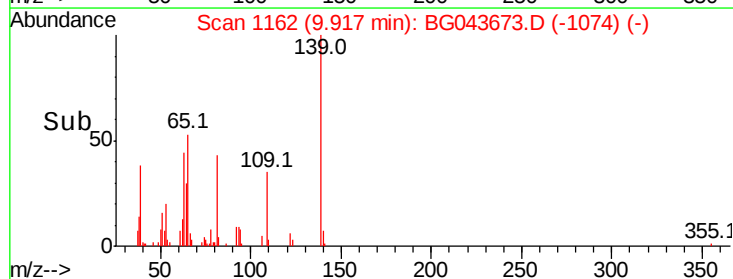
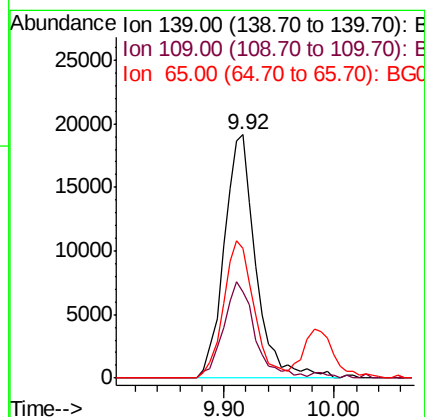
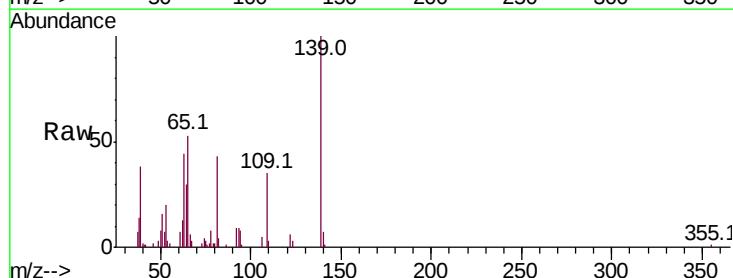
Instrument :
BNA_G
ClientSampleId :

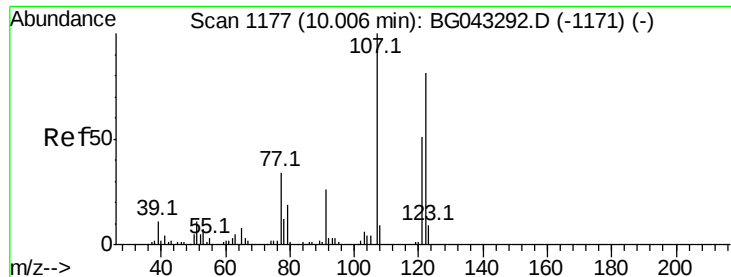
Tot Ion: 82 Resp: 142607
Ion Ratio Lower Upper
82 100
95 9.4 6.6 9.8
138 18.3 15.2 22.8



#26
2-Nitrophenol
Concen: 41.412 ng
RT: 9.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

Tgt Ion: 139 Resp: 38181
Ion Ratio Lower Upper
139 100
109 35.2 26.5 39.7
65 53.1 43.8 65.8

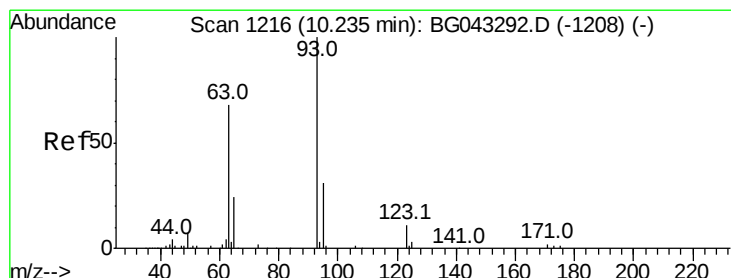
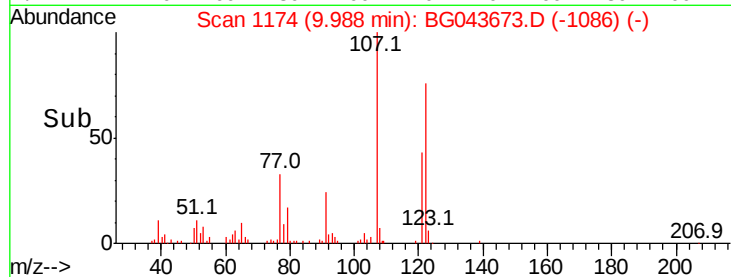
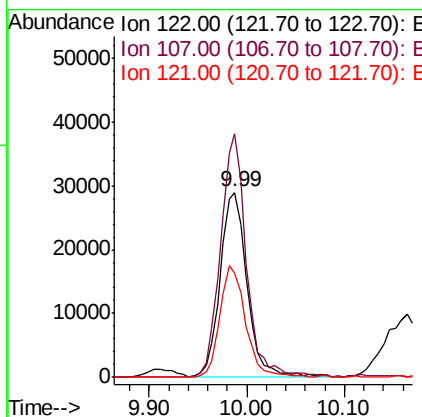
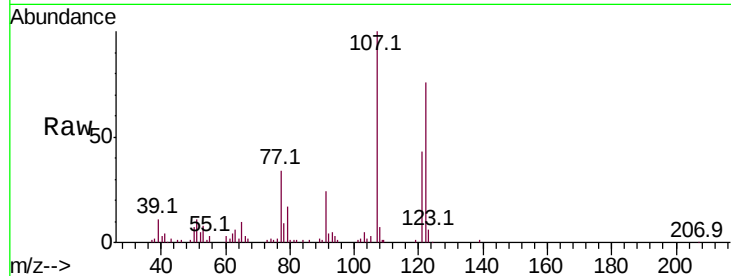




#27
2,4-Dimethylphenol
Concen: 42.249 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

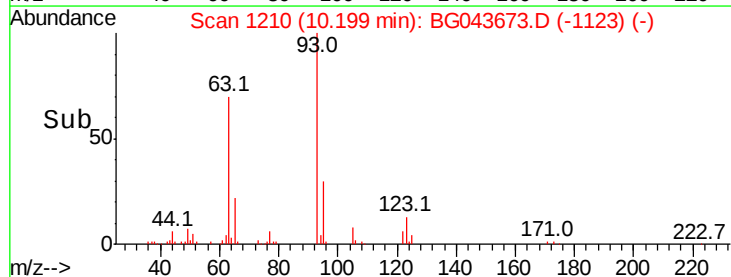
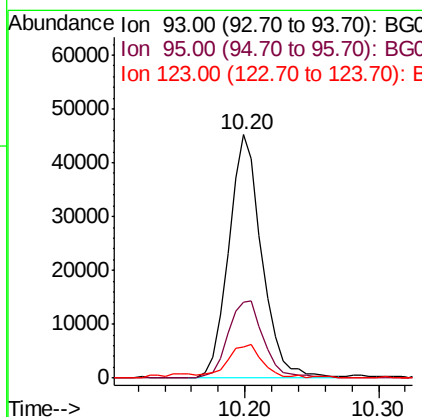
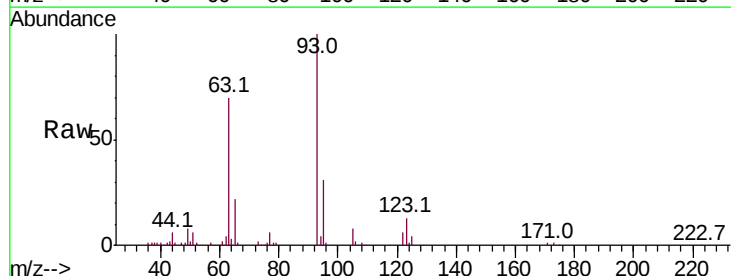
Instrument :
BNA_G
ClientSampled :

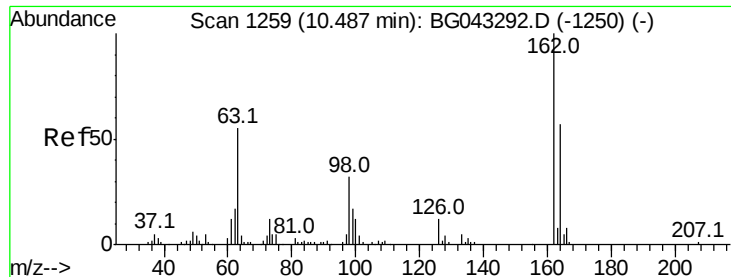
Tot Ion:122 Resp: 55829
Ion Ratio Lower Upper
122 100
107 131.5 104.4 156.6
121 56.4 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 38.625 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

Tgt Ion: 93 Resp: 78134
Ion Ratio Lower Upper
93 100
95 31.0 26.0 39.0
123 12.5 10.6 15.8

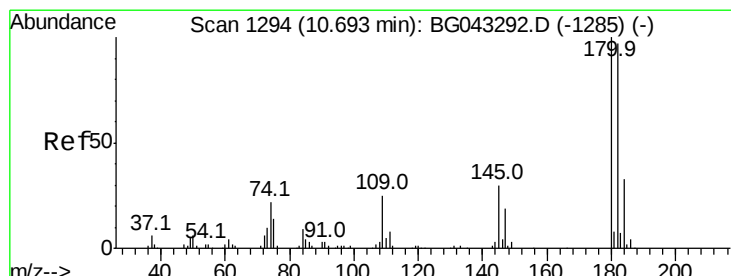
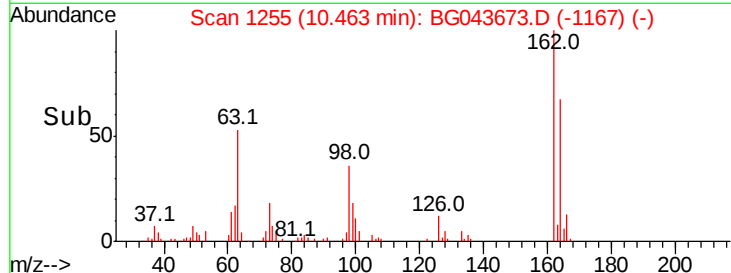
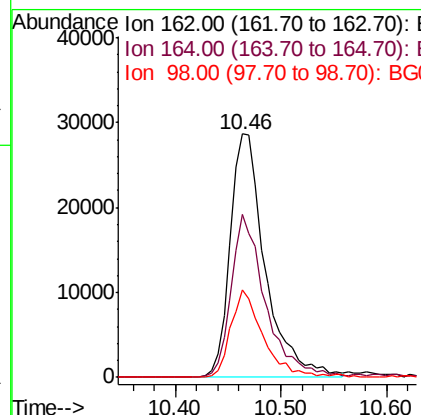
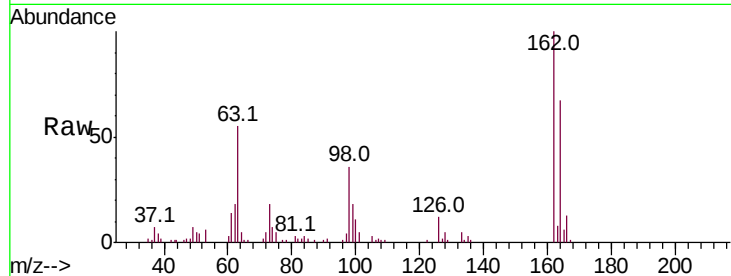




#29
 2,4-Dichlorophenol
 Concen: 38.794 ng
 RT: 10.46 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BG043673.D
 Acq: 18 Nov 2019 14:59

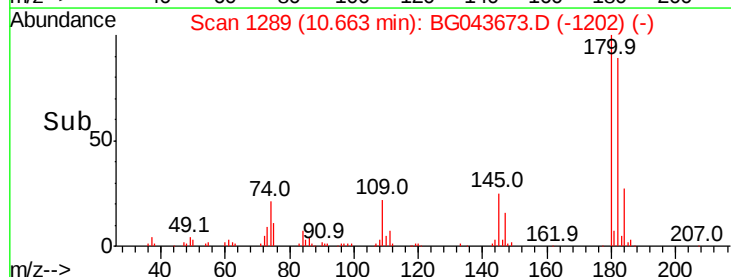
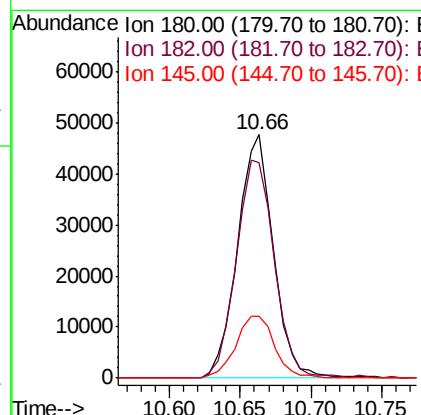
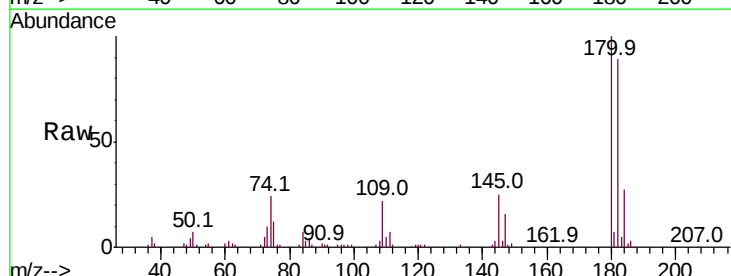
Instrument :
 BNA_G
 ClientSampleId :

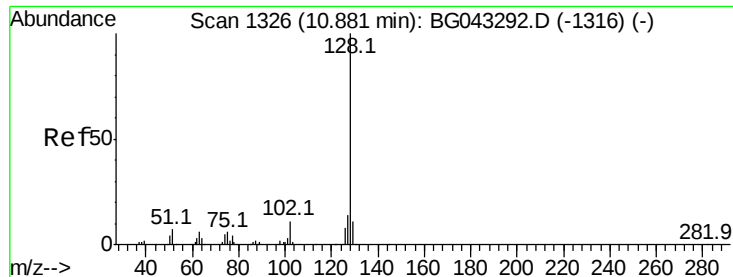
Tot Ion:	162	Resp:	65684
Ion	Ratio	Lower	Upper
162	100		
164	67.1	48.9	88.9
98	35.8	15.1	55.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.526 ng
 RT: 10.66 min Scan# 1289
 Delta R.T. -0.02 min
 Lab File: BG043673.D
 Acq: 18 Nov 2019 14:59

Tgt Ion:	180	Resp:	84347
Ion	Ratio	Lower	Upper
180	100		
182	88.6	75.1	112.7
145	25.5	23.9	35.9

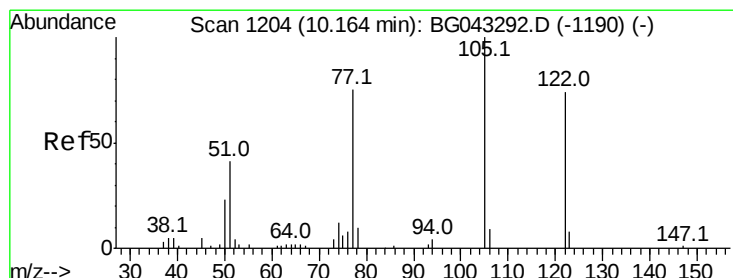
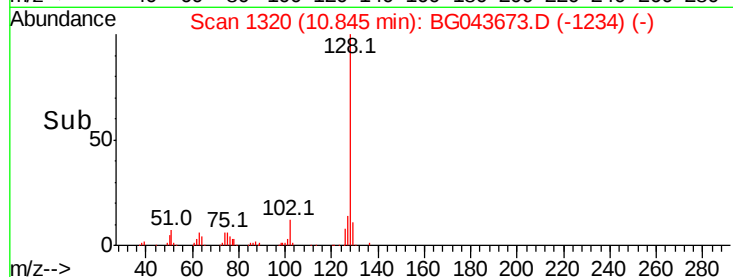
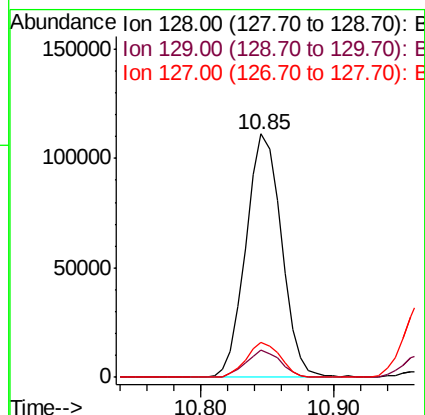
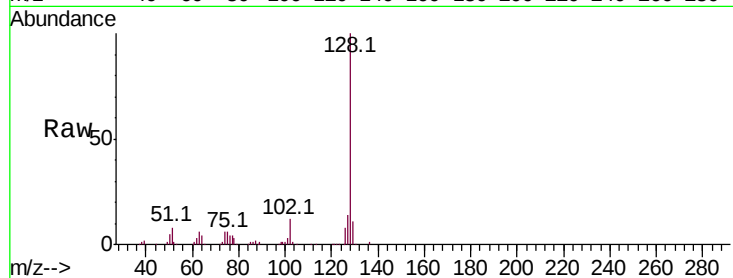




#31
Naphthalene
Concen: 39.141 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

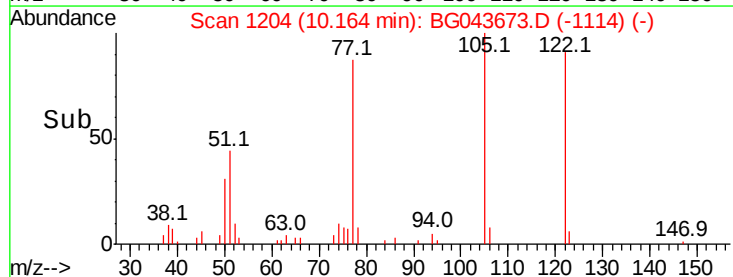
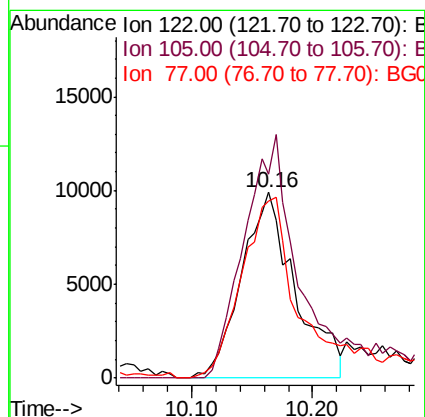
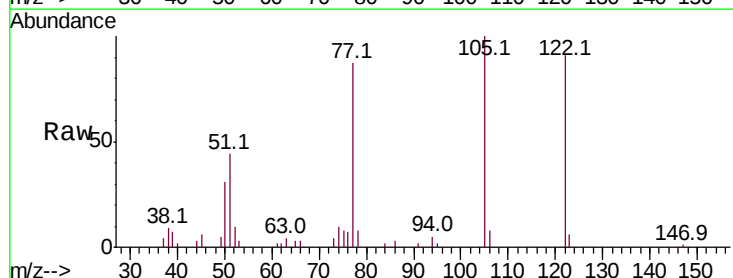
Instrument :
BNA_G
ClientSampled :

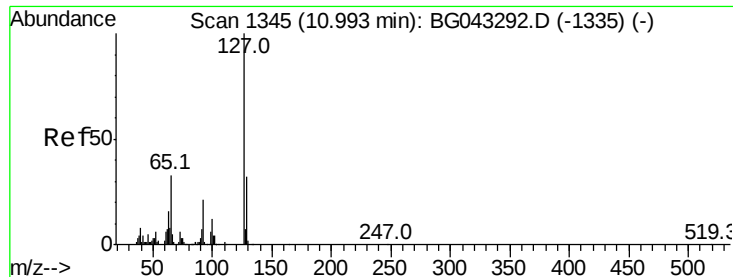
Tot Ion:128 Resp: 205338
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 14.3 11.1 16.7



#32
Benzoic acid
Concen: 33.636 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

Tgt Ion:122 Resp: 30572
Ion Ratio Lower Upper
122 100
105 109.6 103.3 143.3
77 95.3 84.9 124.9

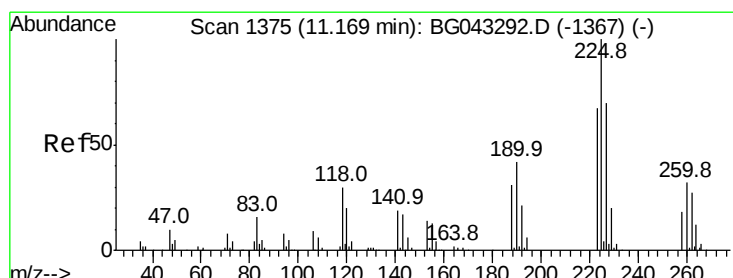
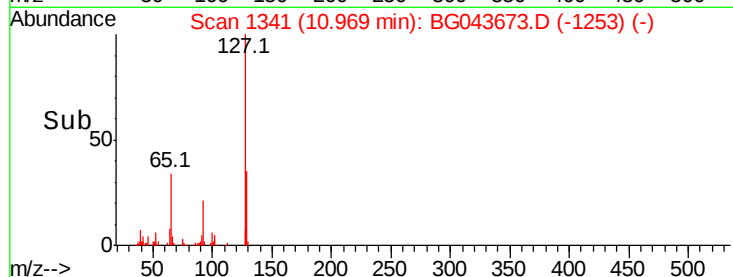
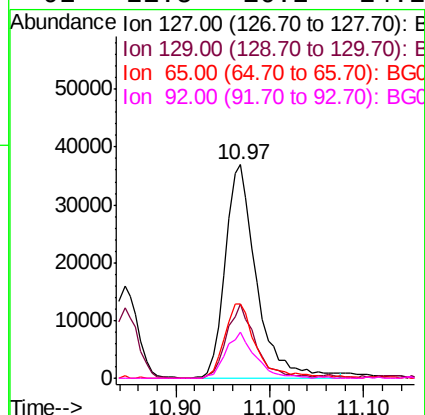
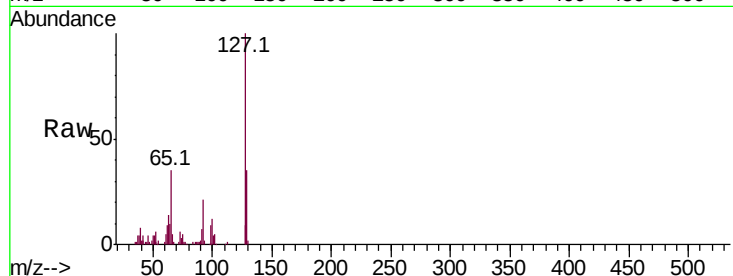




#33
4-Chloroaniline
Concen: 39.774 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

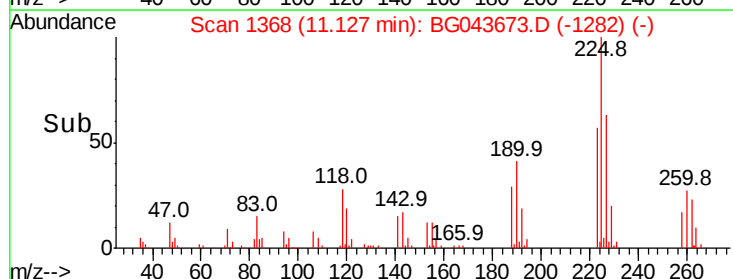
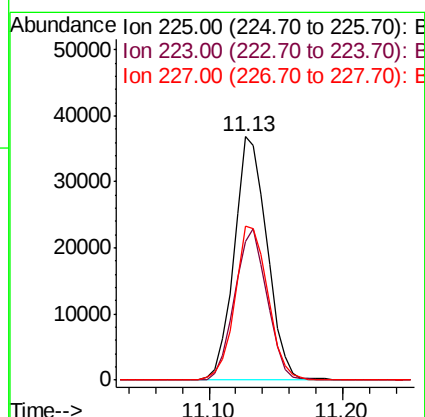
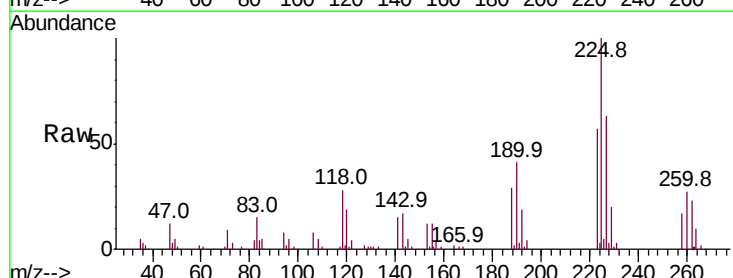
Instrument :
BNA_G
ClientSampleId :

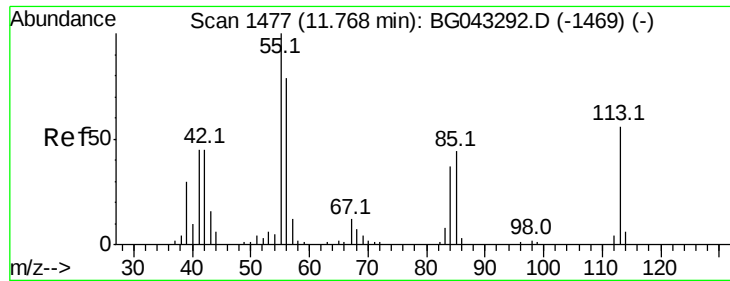
Tot Ion:127	Resp:	85531
Ion	Ratio	Lower Upper
127	100	
129	34.8	26.5 39.7
65	34.6	26.4 39.6
92	21.5	16.2 24.2



#34
Hexachlorobutadiene
Concen: 39.790 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

Tgt Ion:225	Resp:	62768
Ion	Ratio	Lower Upper
225	100	
223	57.1	52.7 79.1
227	63.3	54.8 82.2





#35

Caprolactam

Concen: 37.990 ng

RT: 11.73 min Scan# 1471

Delta R.T. -0.02 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampled :

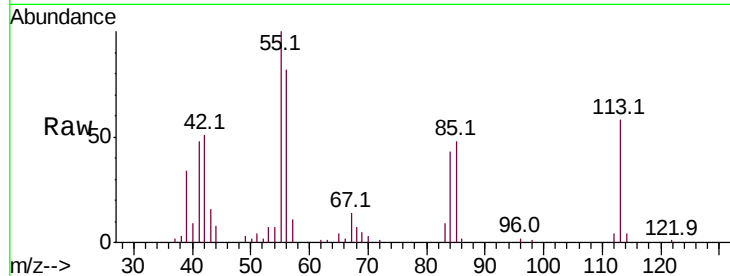
Tot Ion:113 Resp: 22153

Ion Ratio Lower Upper

113 100

55 172.2 134.1 174.1

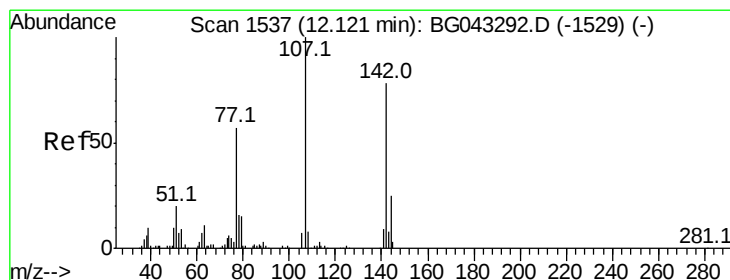
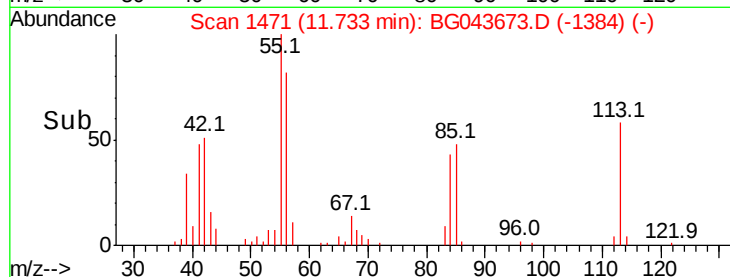
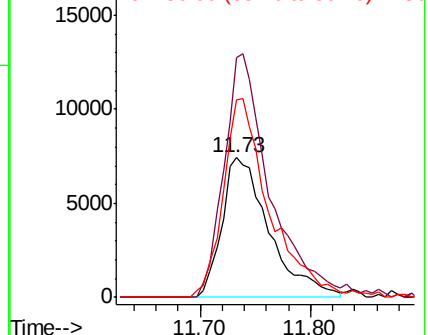
56 141.3 100.4 140.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.831 ng

RT: 12.11 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

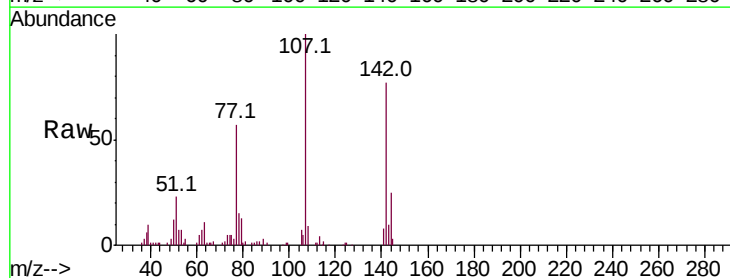
Tgt Ion:107 Resp: 73561

Ion Ratio Lower Upper

107 100

144 24.6 20.9 31.3

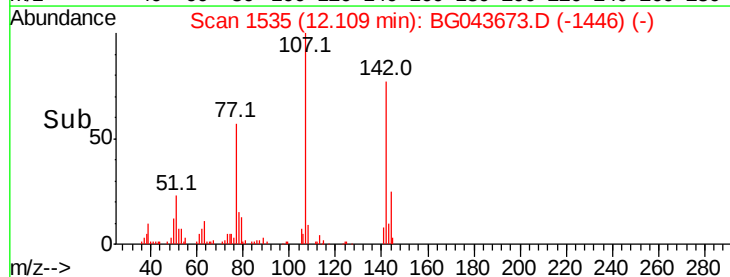
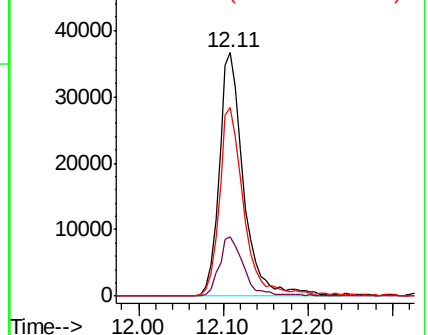
142 77.2 59.6 89.4

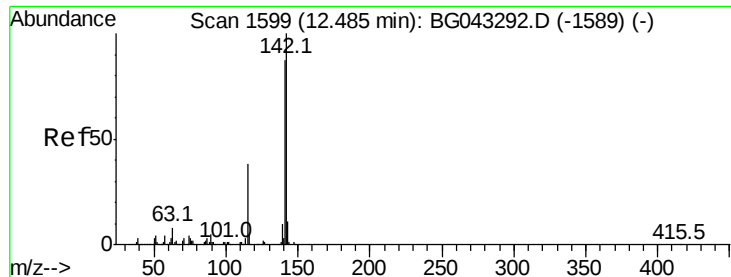


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

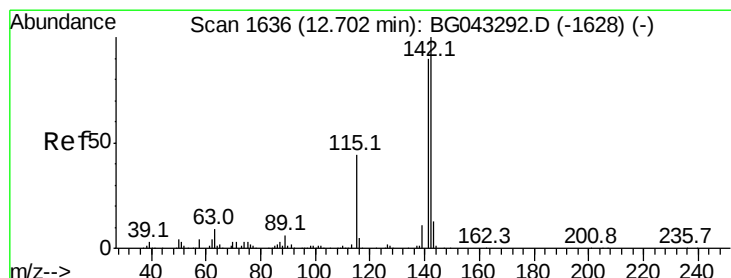
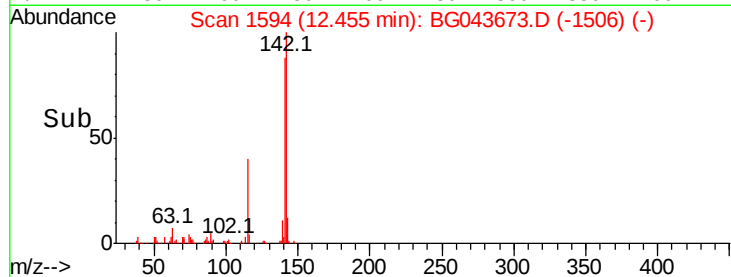
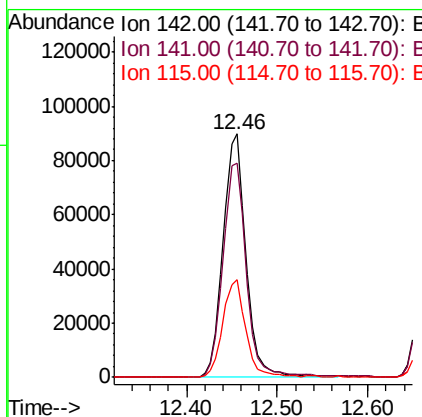
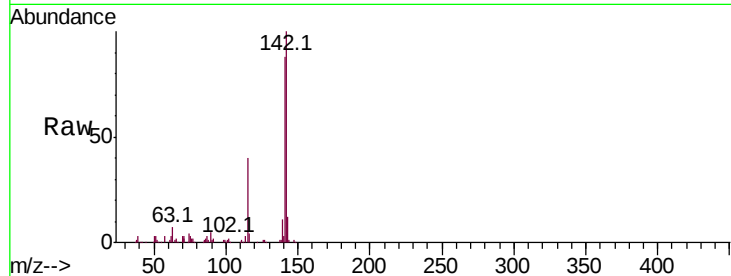




#37
 2-Methylnaphthalene
 Concen: 39.189 ng
 RT: 12.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BG043673.D
 Acq: 18 Nov 2019 14:59

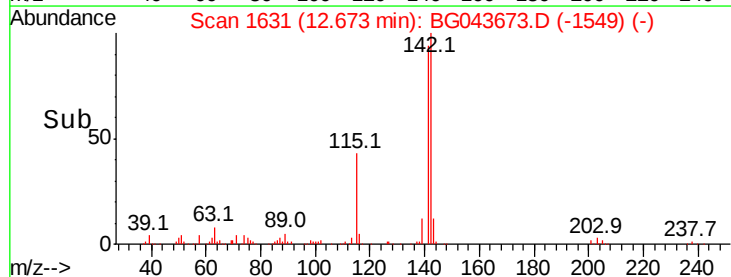
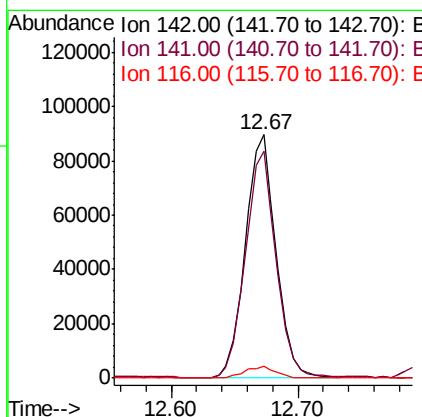
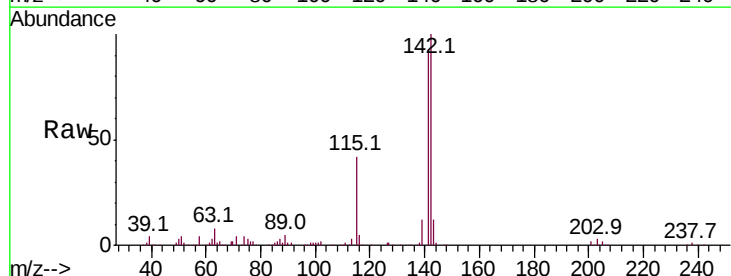
Instrument :
 BNA_G
 ClientSampleId :

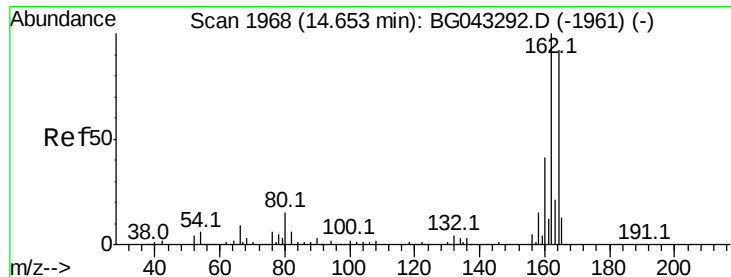
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.2	108.2
115	40.0	33.2	49.8



#38
 1-Methylnaphthalene
 Concen: 38.949 ng
 RT: 12.67 min Scan# 1631
 Delta R.T. -0.02 min
 Lab File: BG043673.D
 Acq: 18 Nov 2019 14:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.2	109.8
116	4.9	3.6	5.4

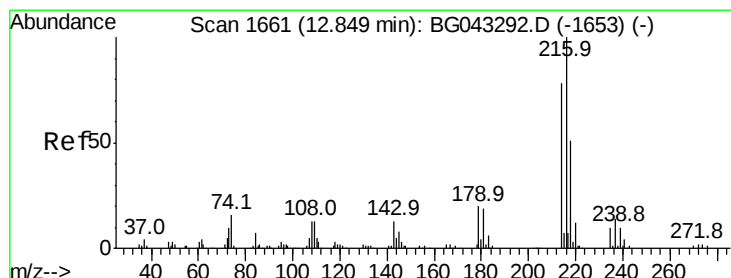
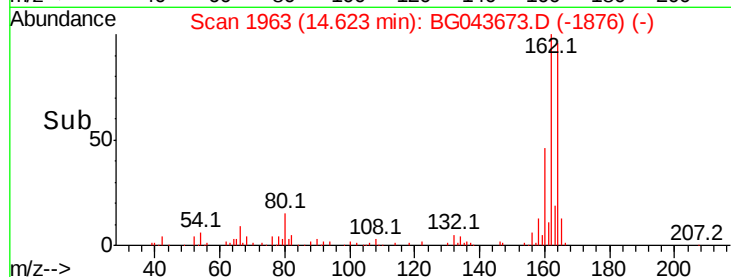
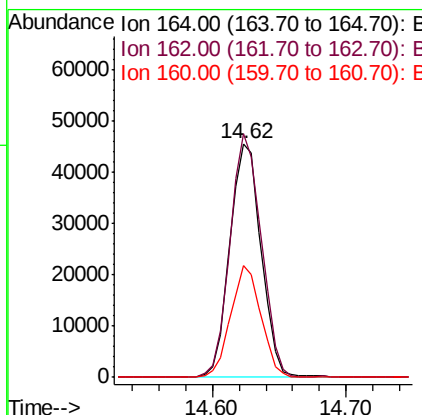
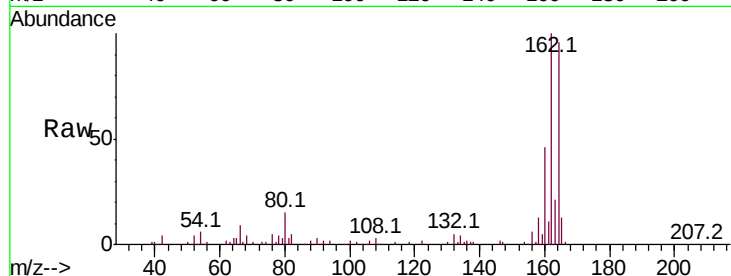




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.02 min
 Lab File: BG043673.D
 Acq: 18 Nov 2019 14:59

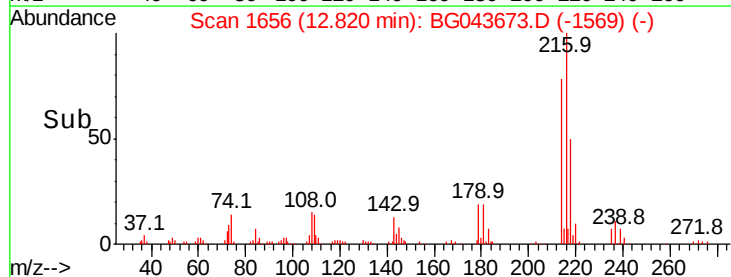
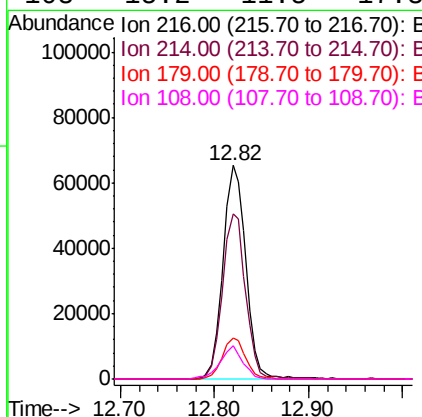
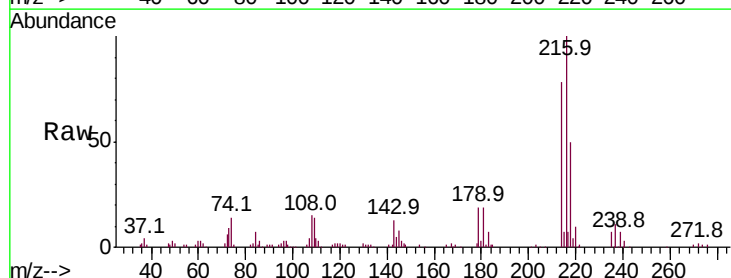
Instrument :
 BNA_G
 ClientSampleId :

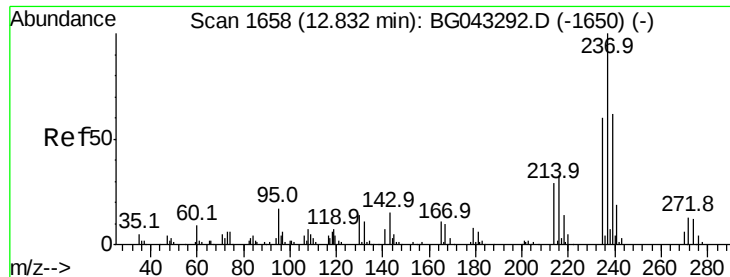
Tot Ion:164 Resp: 74449
 Ion Ratio Lower Upper
 164 100
 162 104.1 83.5 125.3
 160 47.8 36.5 54.7



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.104 ng
 RT: 12.82 min Scan# 1656
 Delta R.T. -0.02 min
 Lab File: BG043673.D
 Acq: 18 Nov 2019 14:59

Tgt Ion:216 Resp: 110496
 Ion Ratio Lower Upper
 216 100
 214 78.5 61.7 92.5
 179 19.4 15.8 23.8
 108 15.2 11.5 17.3





#41

Hexachlorocyclopentadiene

Concen: 57.403 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampleId :

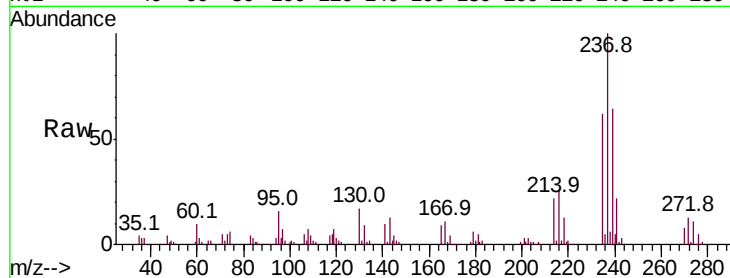
Tot Ion:237 Resp: 83082

Ion Ratio Lower Upper

237 100

235 61.6 41.6 81.6

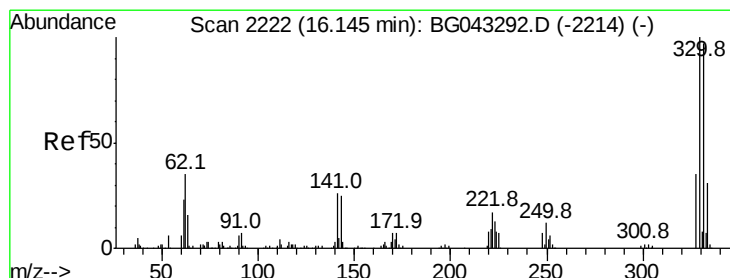
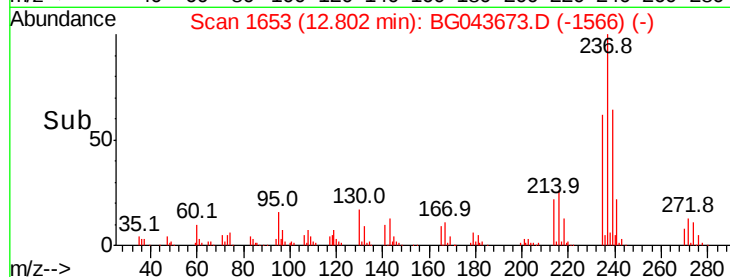
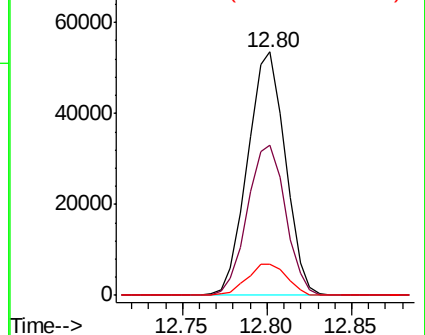
272 12.9 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 73.808 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

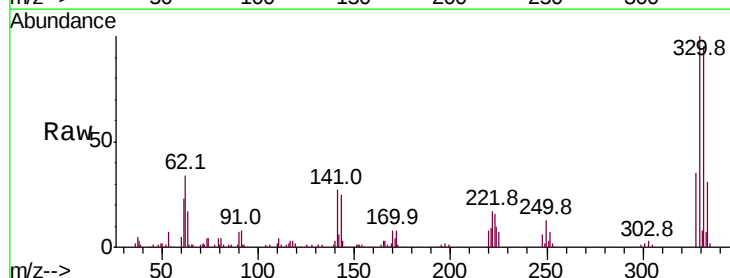
Tgt Ion:330 Resp: 104569

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

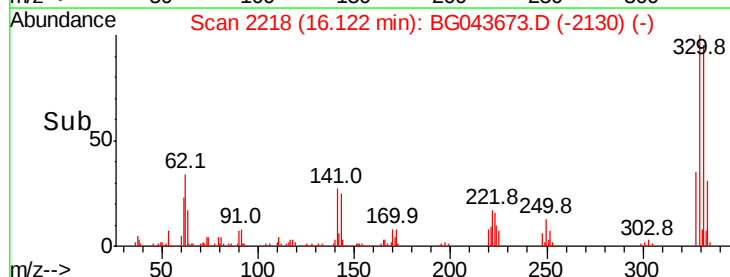
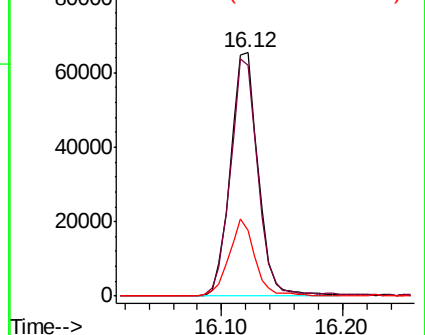
141 29.5 22.8 34.2

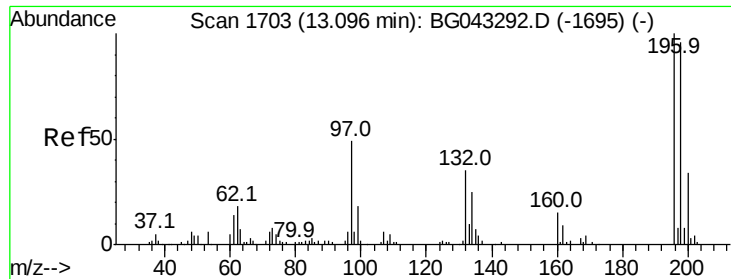


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

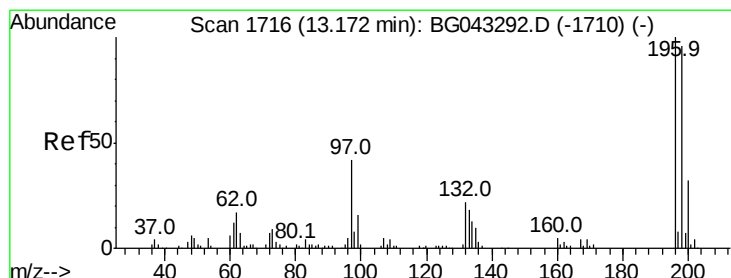
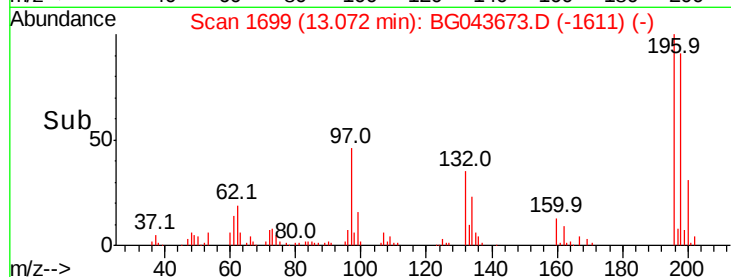
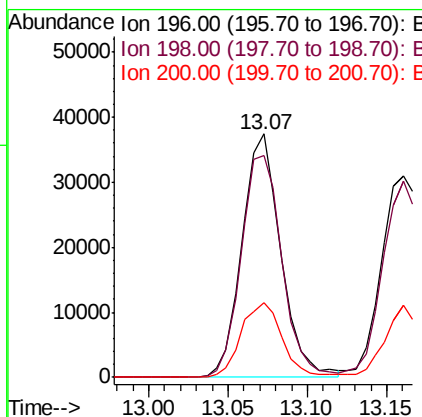
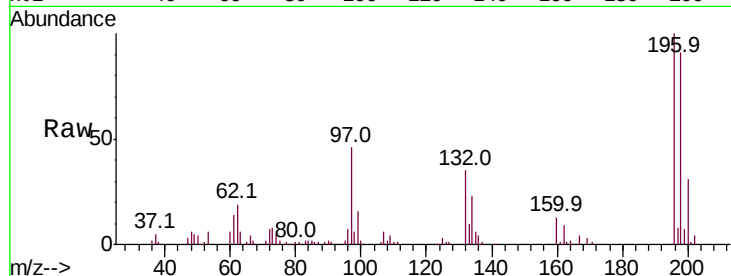




#43
 2,4,6-Trichlorophenol
 Concen: 39.338 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG043673.D
 Acq: 18 Nov 2019 14:59

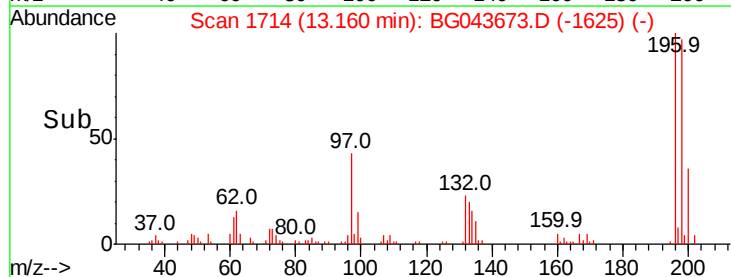
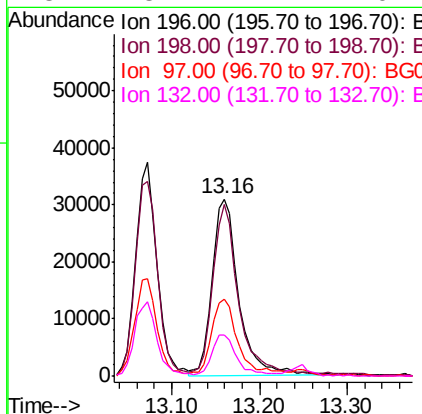
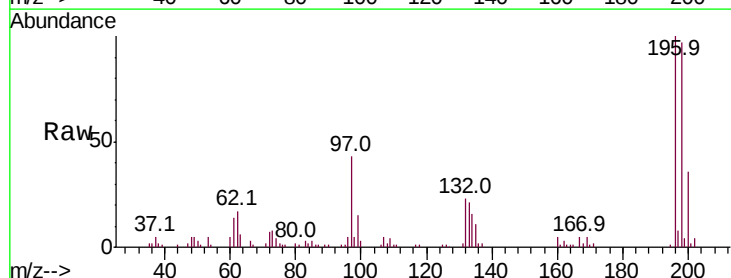
Instrument :
 BNA_G
 ClientSampled :

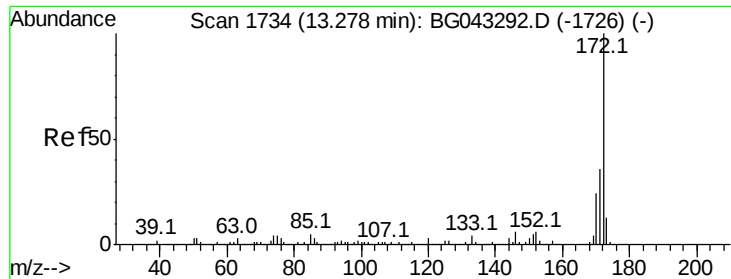
Tot Ion:196 Resp: 63829
 Ion Ratio Lower Upper
 196 100
 198 90.9 75.8 113.6
 200 30.7 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 39.365 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG043673.D
 Acq: 18 Nov 2019 14:59

Tgt Ion:196 Resp: 64574
 Ion Ratio Lower Upper
 196 100
 198 97.0 74.5 111.7
 97 43.1 36.3 54.5
 132 23.2 17.4 26.2

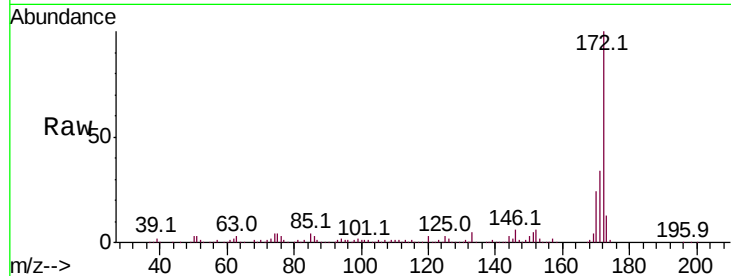




#45
2-Fluorobiphenyl
Concen: 82.316 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.9	43.3
170	23.6	18.5	27.7

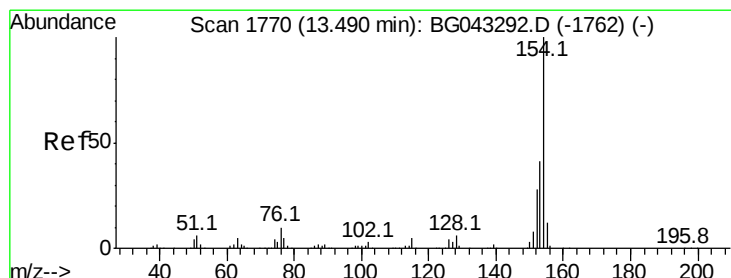
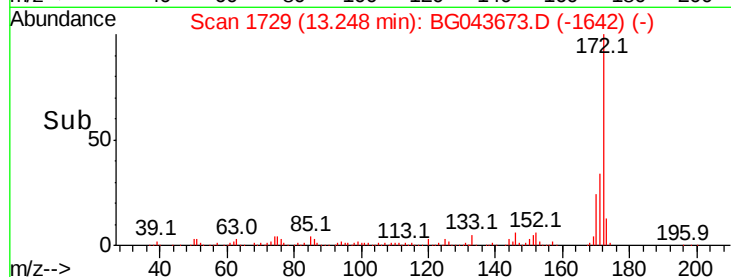
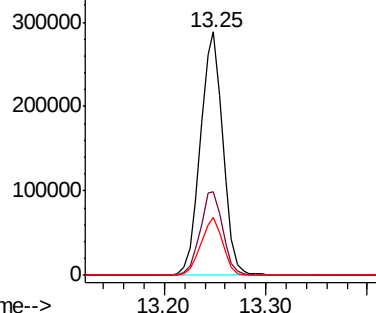


Abundance

Ion 172.00 (171.70 to 172.70): E

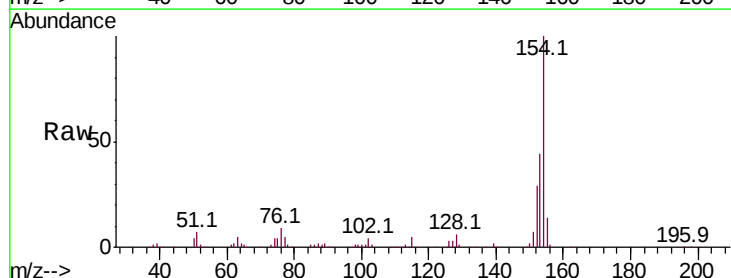
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.782 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.8	19.9	59.9
76	9.1	0.0	29.4

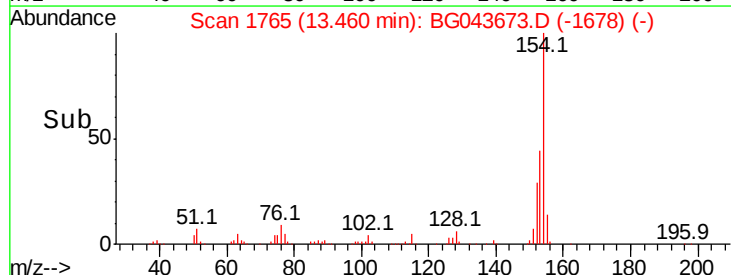
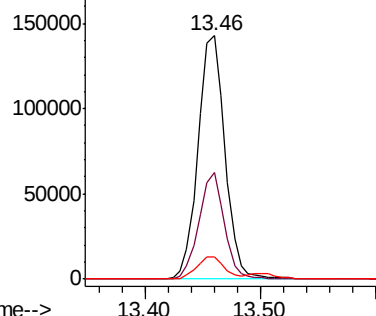


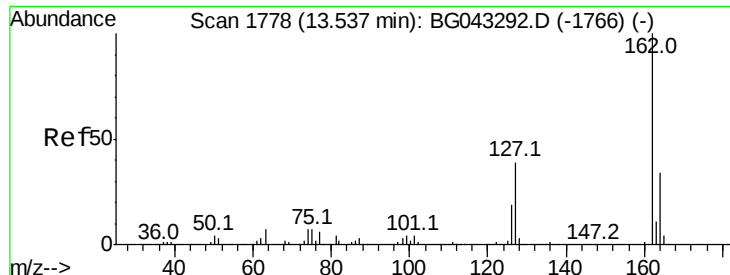
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

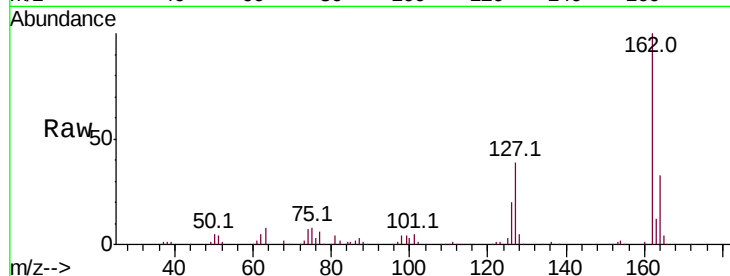




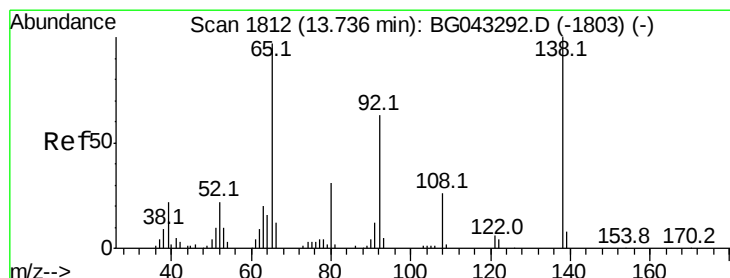
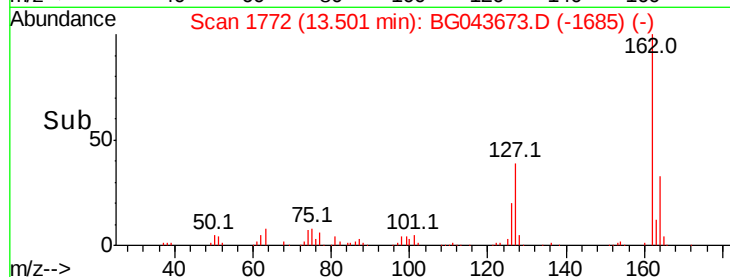
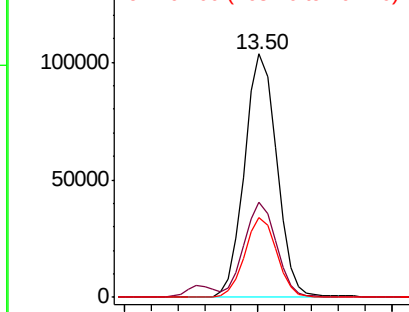
#47
 2-Chloronaphthalene
 Concen: 40.123 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG043673.D
 Acq: 18 Nov 2019 14:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.2	46.8
164	33.0	25.8	38.8

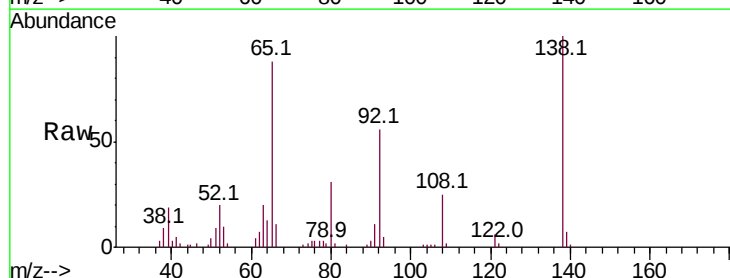


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

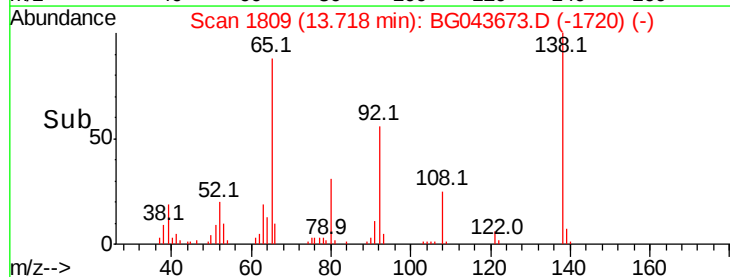
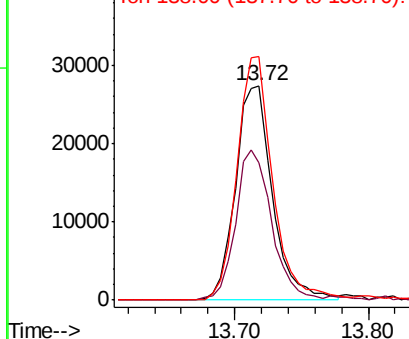


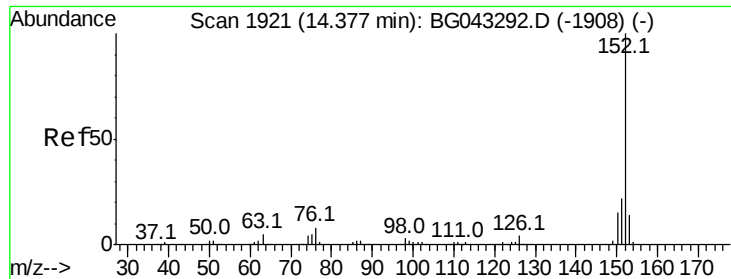
#48
 2-Nitroaniline
 Concen: 40.806 ng
 RT: 13.72 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BG043673.D
 Acq: 18 Nov 2019 14:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.8	56.2	84.2
138	113.5	82.6	123.8



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: 40.751 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampleId :

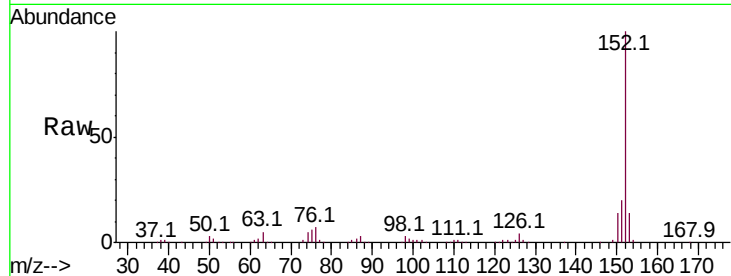
Tot Ion:152 Resp: 273313

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.4
153	13.7	10.6	15.8

152 100

151 19.5 16.2 24.4

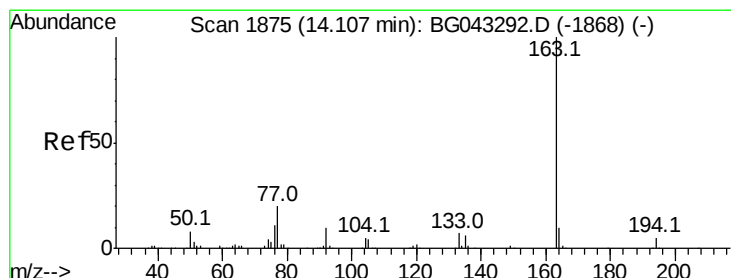
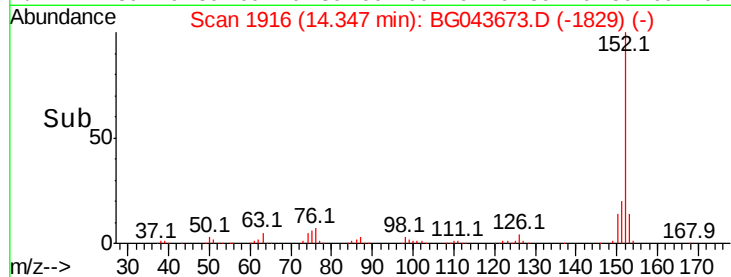
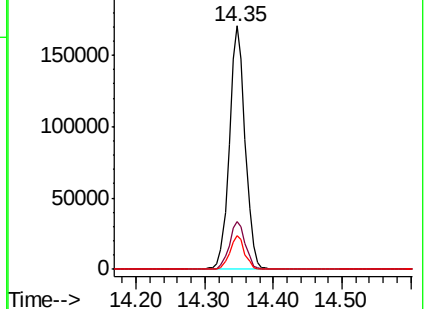
153 13.7 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.216 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

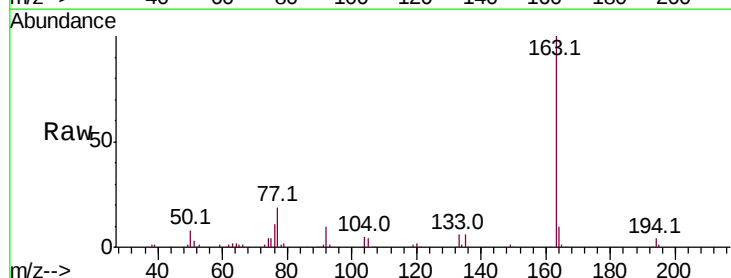
Tgt Ion:163 Resp: 231912

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.8	5.6
164	9.9	8.9	13.3

163 100

194 4.1 3.8 5.6

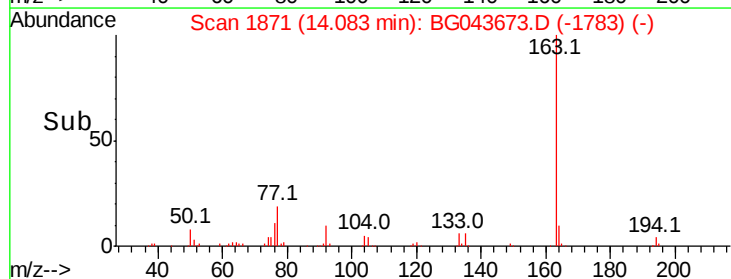
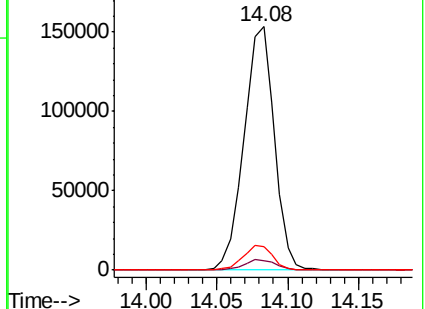
164 9.9 8.9 13.3

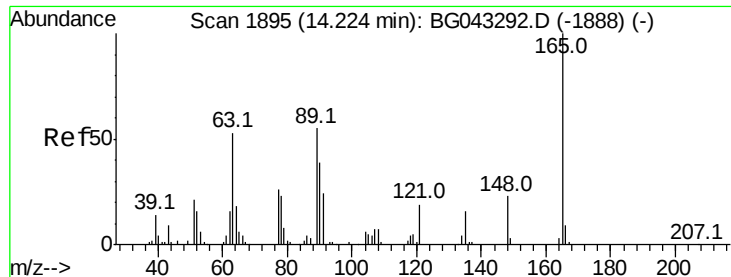


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.678 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampleId :

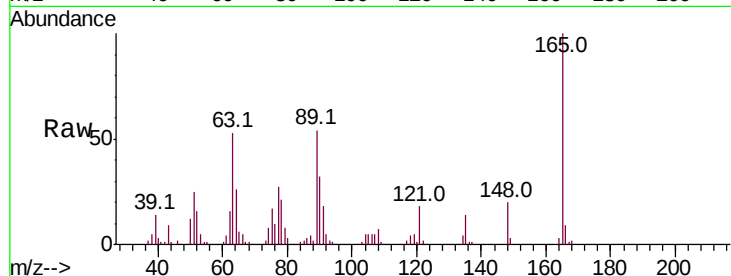
Tot Ion:165 Resp: 49708

Ion Ratio Lower Upper

165 100

63 52.7 46.6 69.8

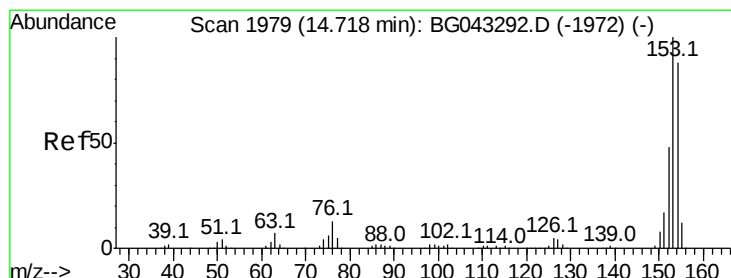
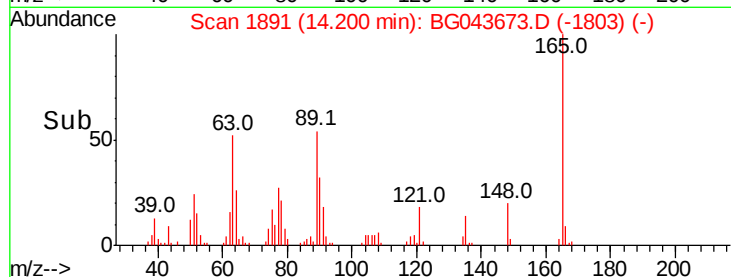
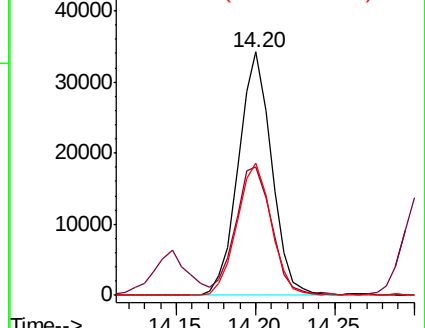
89 54.5 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 39.958 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

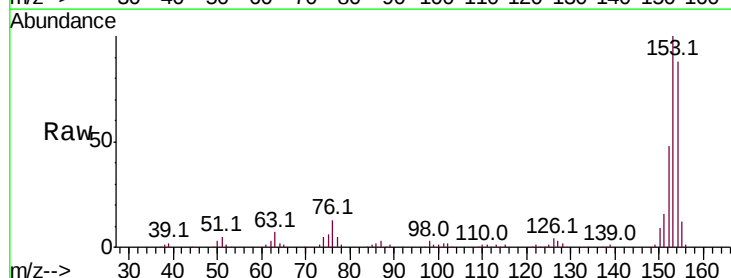
Tgt Ion:154 Resp: 163431

Ion Ratio Lower Upper

154 100

153 113.0 88.2 132.2

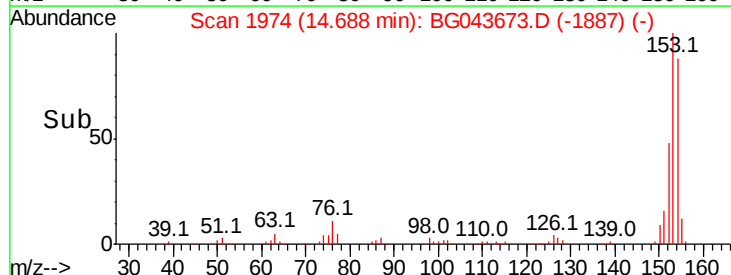
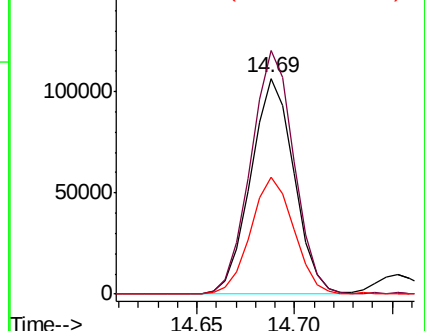
152 54.3 40.0 60.0

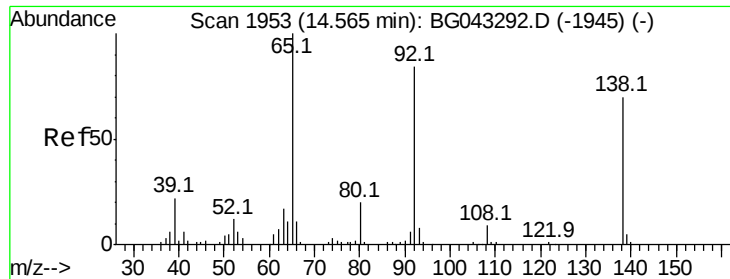


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 39.900 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampleId :

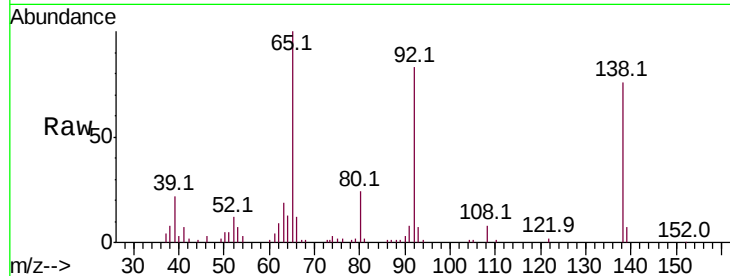
Tot Ion:138 Resp: 48261

Ion Ratio Lower Upper

138 100

108 10.4 8.0 12.0

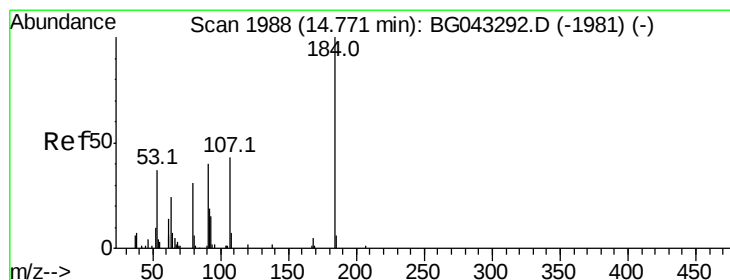
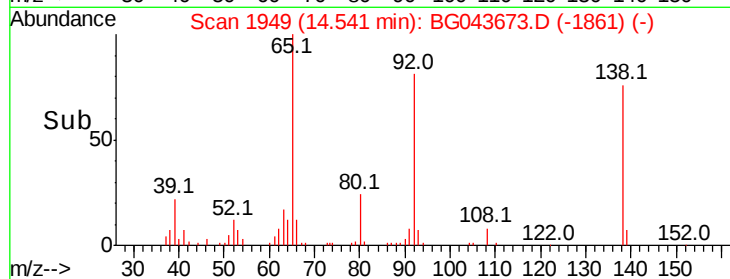
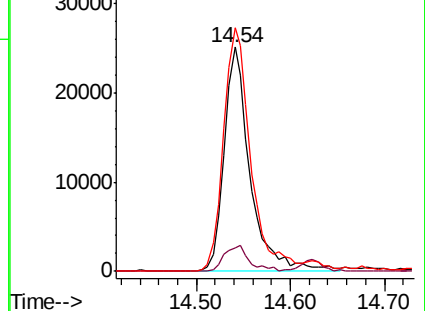
92 108.6 90.9 136.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 41.840 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

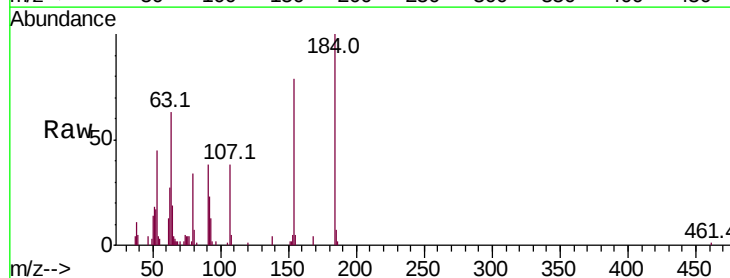
Tgt Ion:184 Resp: 29742

Ion Ratio Lower Upper

184 100

63 62.7 51.3 76.9

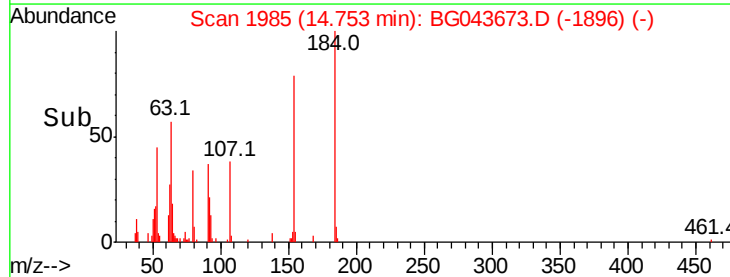
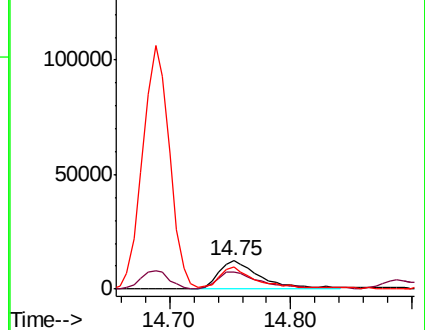
154 79.1 55.4 83.0

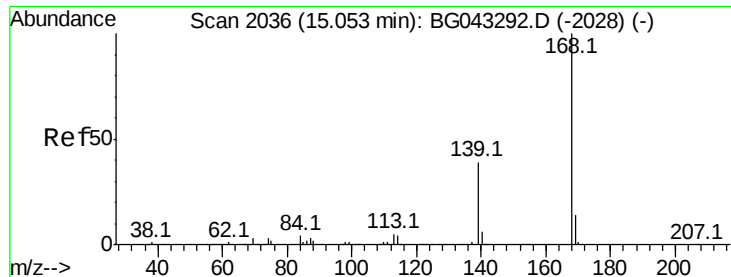


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

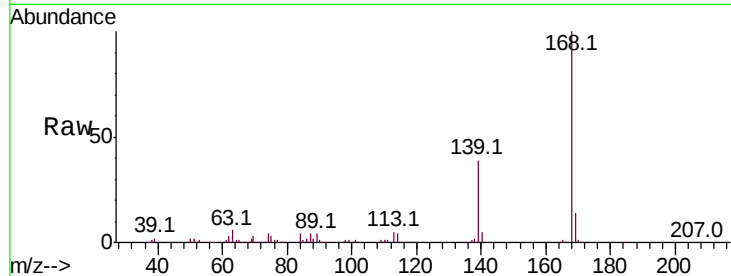




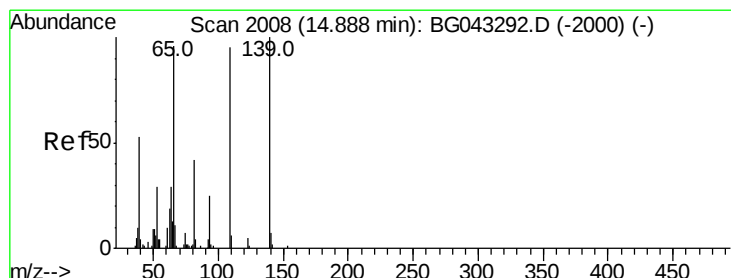
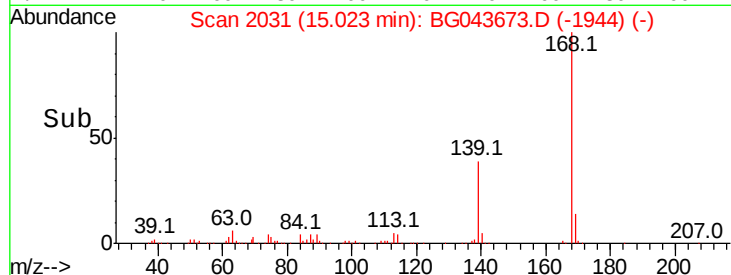
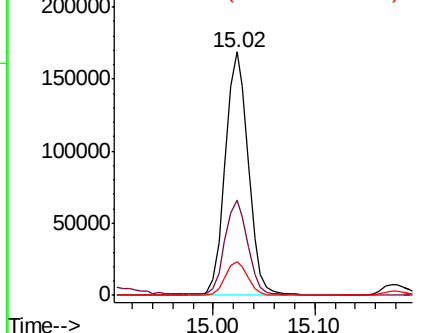
#55
Dibenzenofuran
Concen: 40.242 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 266916
Ion Ratio Lower Upper
168 100
139 38.9 31.0 46.6
169 13.6 11.7 17.5

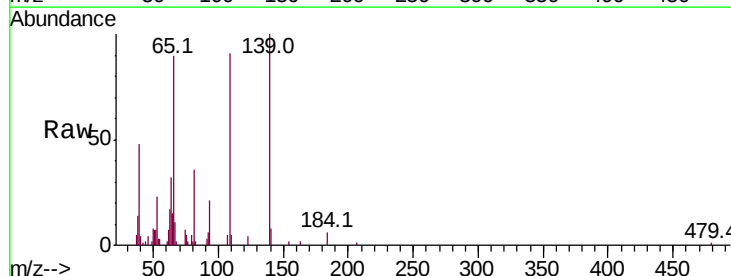


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

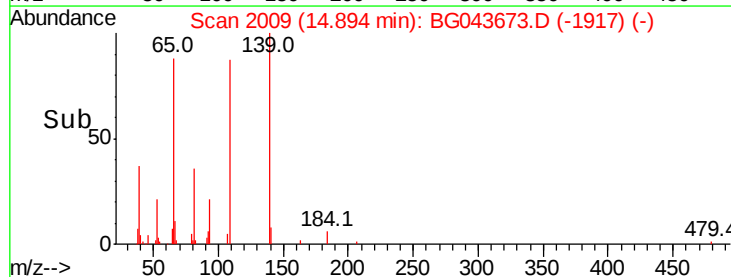
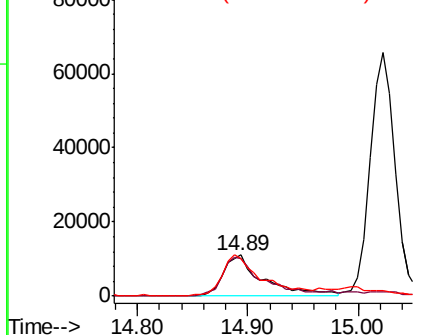


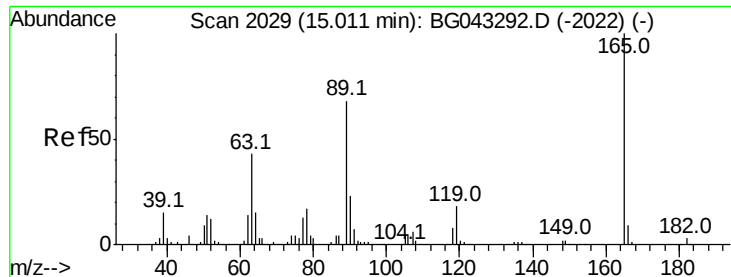
#56
4-Nitrophenol
Concen: 34.520 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

Tgt Ion:139 Resp: 27980
Ion Ratio Lower Upper
139 100
109 90.9 87.2 127.2
65 90.1 83.8 123.8



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

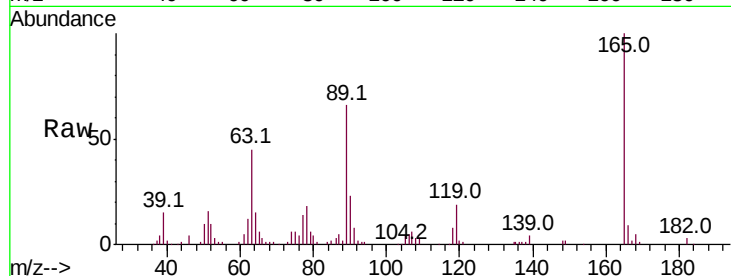




#57
 2,4-Dinitrotoluene
 Concen: 39.824 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BG043673.D
 Acq: 18 Nov 2019 14:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.3	33.2	49.8
89	66.0	52.2	78.4
182	2.8	2.0	3.0



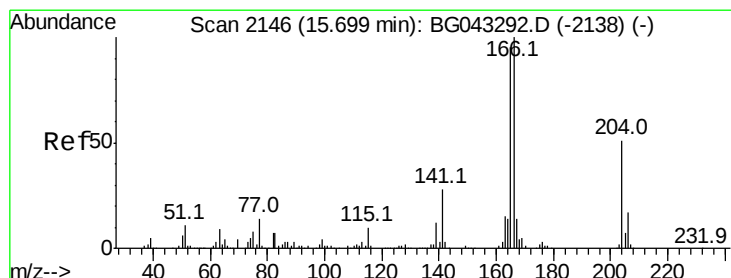
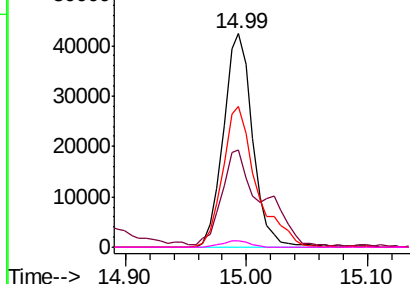
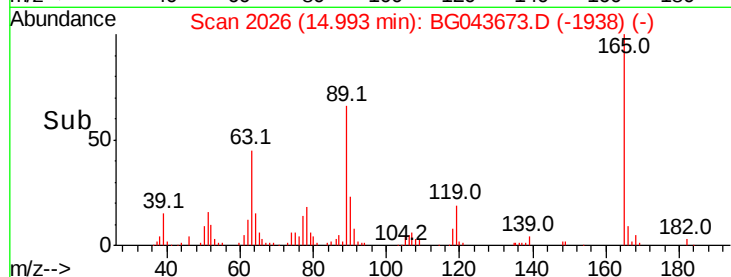
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

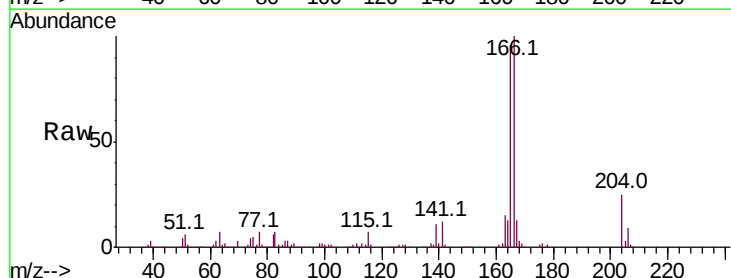
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 40.683 ng
 RT: 15.68 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BG043673.D
 Acq: 18 Nov 2019 14:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.5	79.0	118.6
167	13.4	10.5	15.7

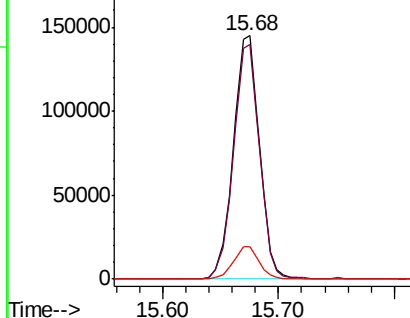
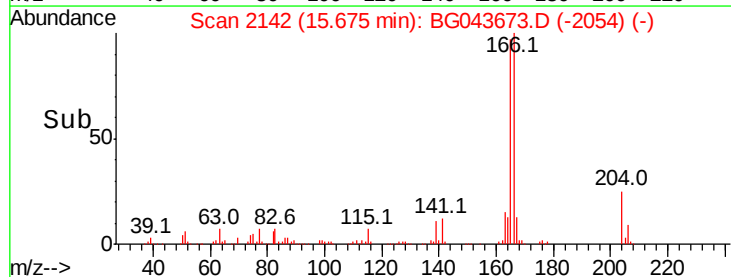


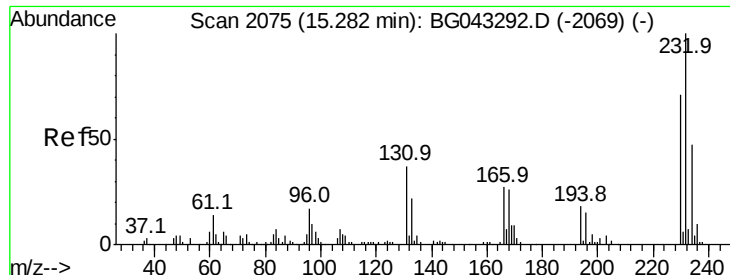
Abundance

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: 36.176 ng

RT: 15.26 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampled :

Tot Ion:232 Resp: 63050

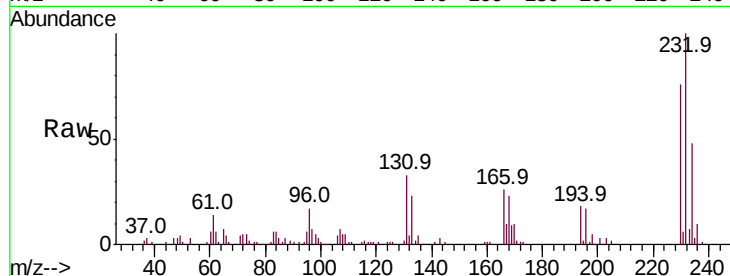
Ion Ratio Lower Upper

232 100

131 34.1 26.9 40.3

130 2.1 1.8 2.6

166 25.5 20.9 31.3

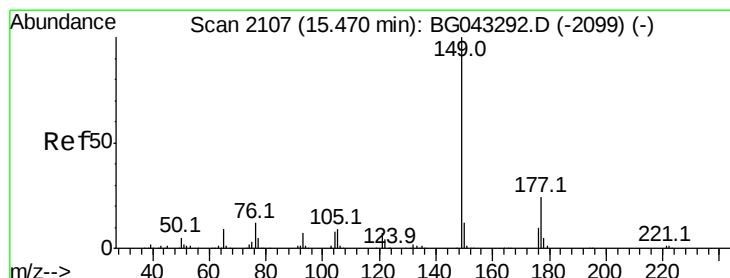
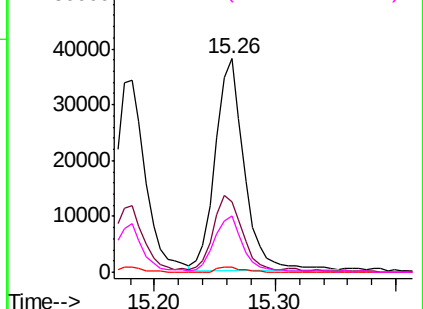
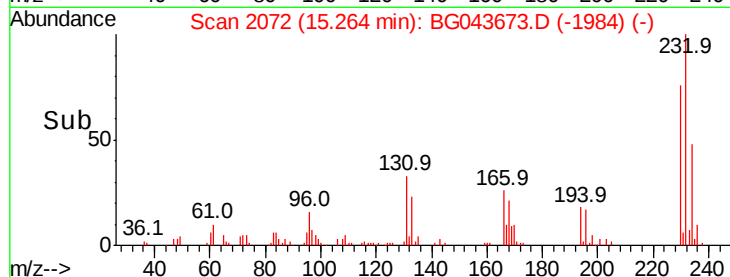


Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.882 ng

RT: 15.43 min Scan# 2101

Delta R.T. -0.02 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

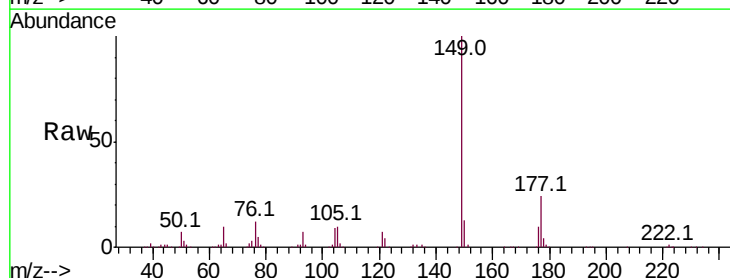
Tgt Ion:149 Resp: 231082

Ion Ratio Lower Upper

149 100

177 23.9 19.6 29.4

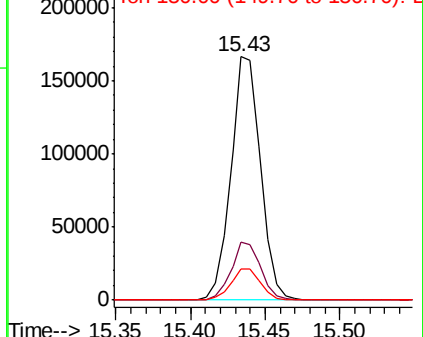
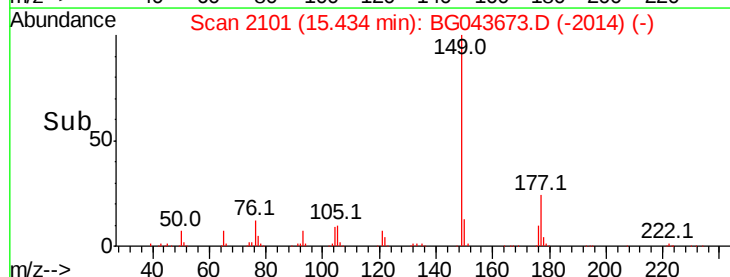
150 13.0 10.8 16.2

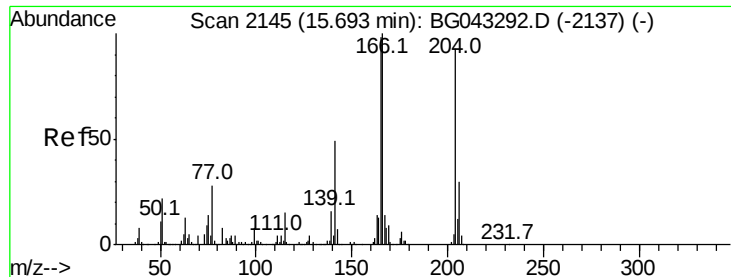


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 39.614 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.02 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampleId :

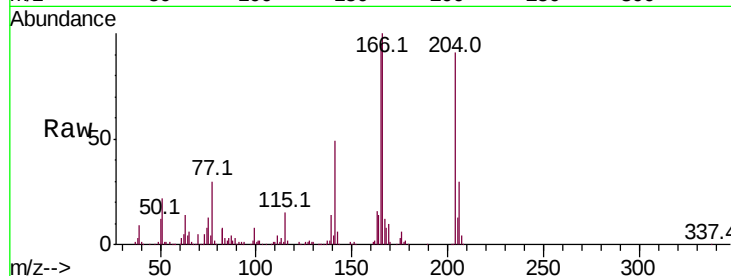
Tot Ion:204 Resp: 128560

Ion Ratio Lower Upper

204 100

206 33.0 28.4 42.6

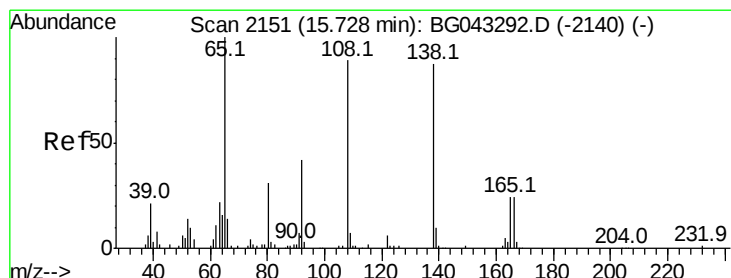
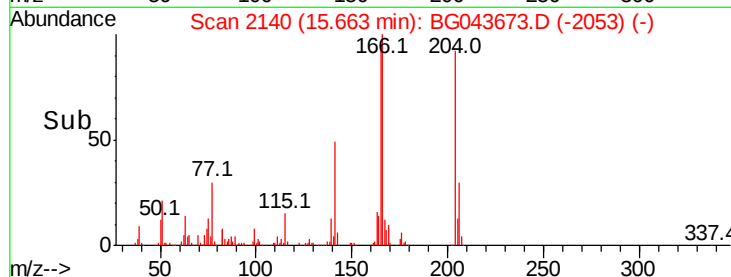
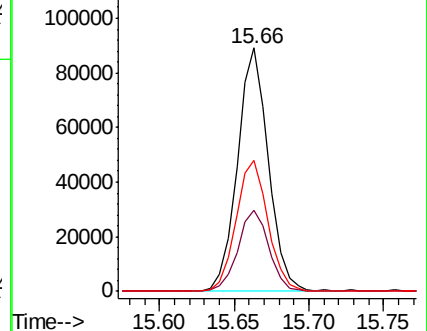
141 53.6 43.0 64.6



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 42.356 ng

RT: 15.70 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

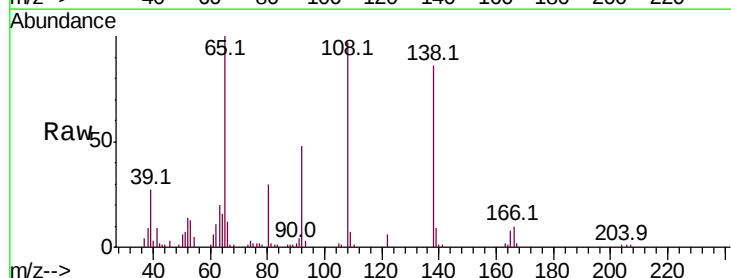
Tgt Ion:138 Resp: 52909

Ion Ratio Lower Upper

138 100

92 55.3 33.4 73.4

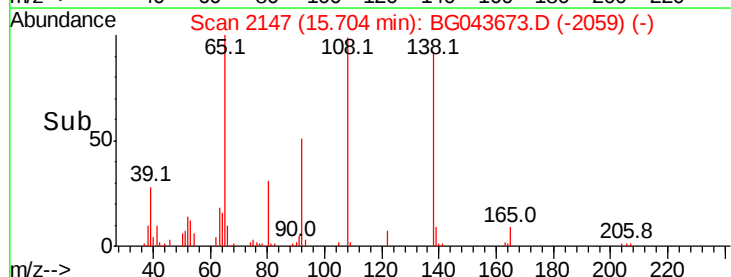
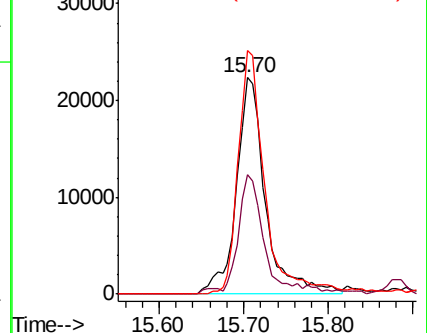
108 112.5 78.0 118.0

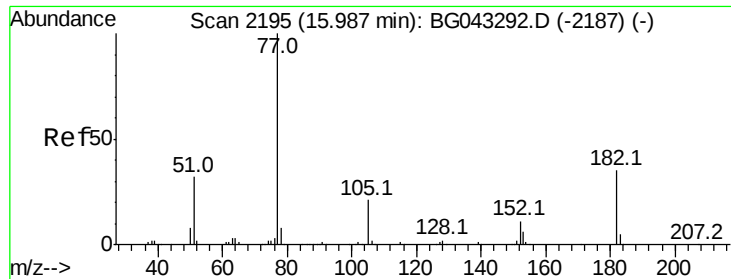


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.584 ng

RT: 15.96 min Scan# 2190

Delta R.T. -0.02 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 185621

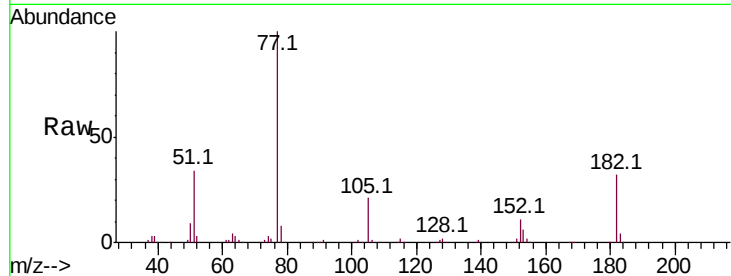
Ion Ratio Lower Upper

77 100

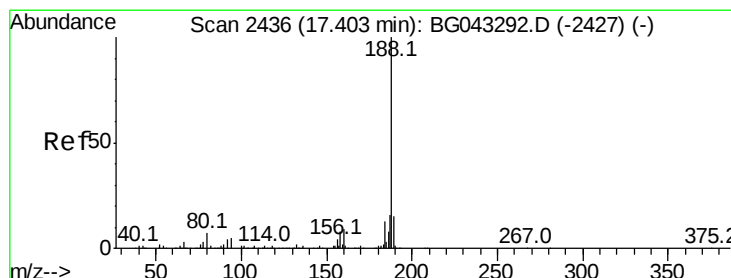
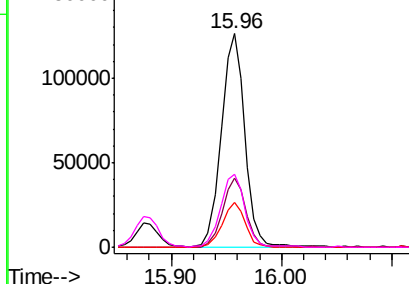
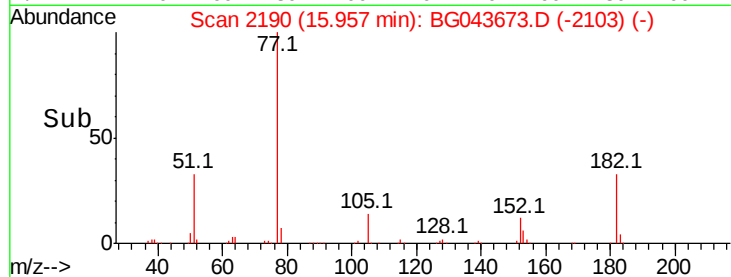
182 32.4 13.7 53.7

105 20.9 0.4 40.4

51 33.9 11.0 51.0



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. -0.02 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

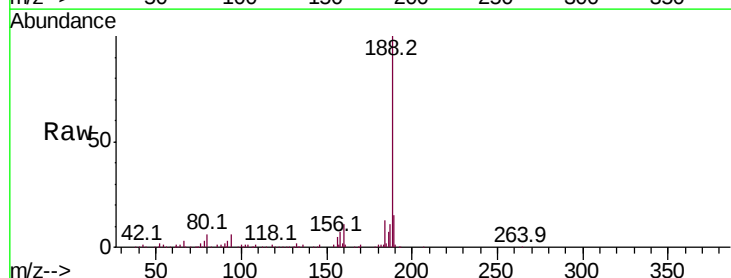
Tgt Ion: 188 Resp: 180877

Ion Ratio Lower Upper

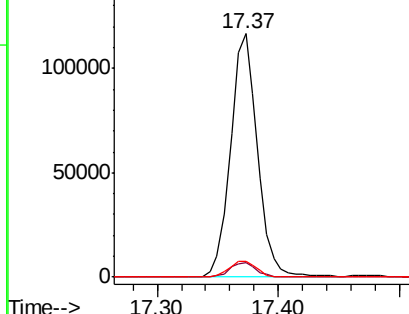
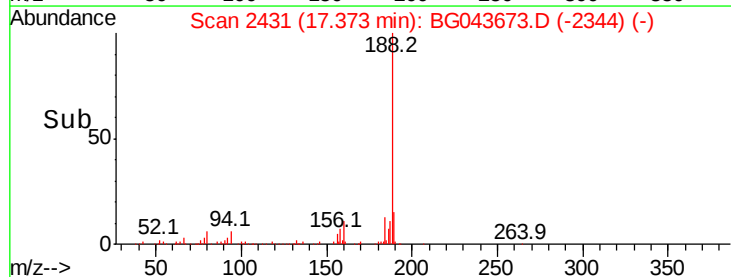
188 100

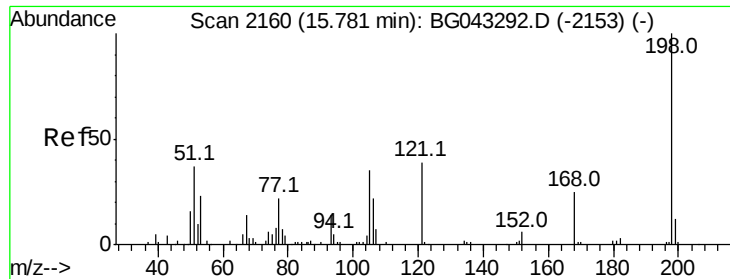
94 5.8 4.2 6.4

80 6.3 4.5 6.7



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: 36.670 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampleId :

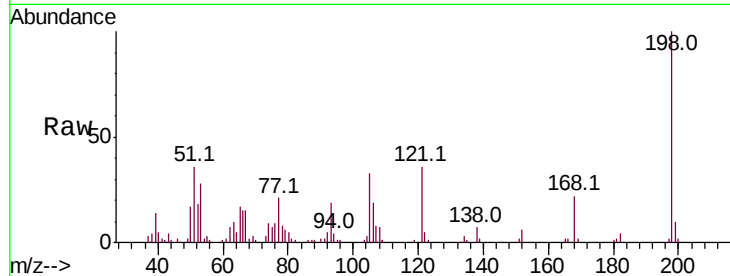
Tot Ion:198 Resp: 39034

Ion Ratio Lower Upper

198 100

51 36.4 13.2 53.2

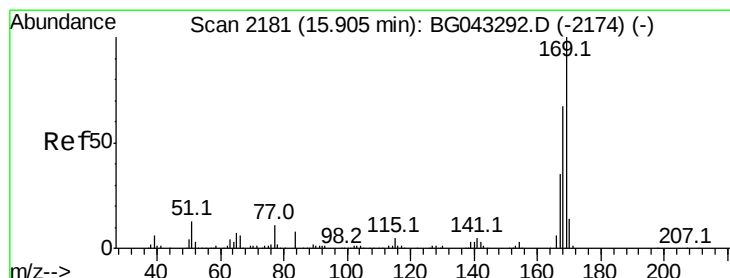
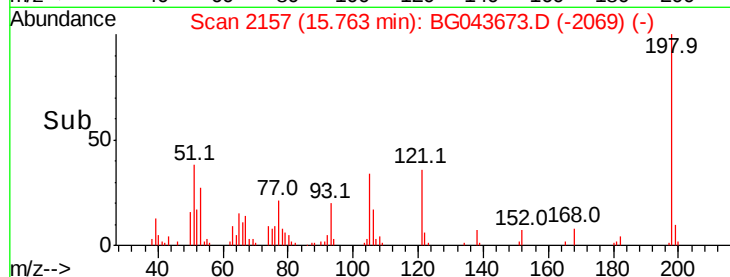
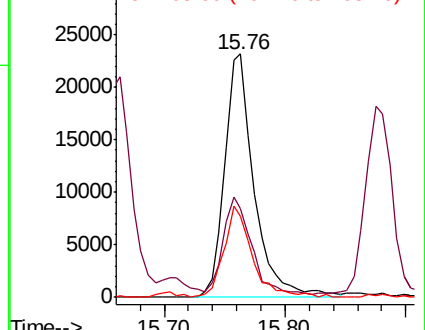
105 33.2 15.8 55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.153 ng

RT: 15.88 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

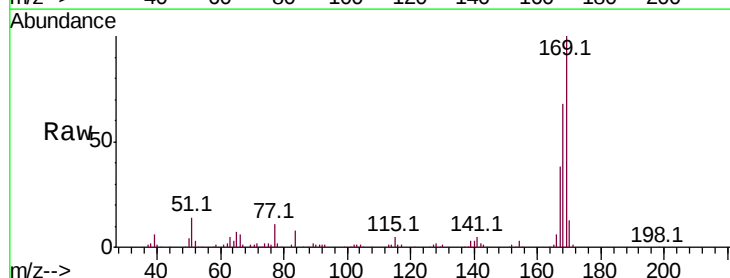
Tgt Ion:169 Resp: 194833

Ion Ratio Lower Upper

169 100

168 68.2 53.8 80.6

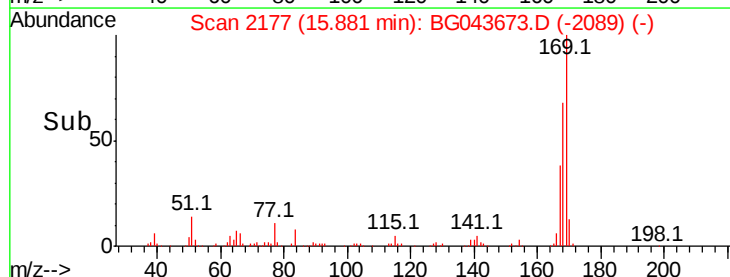
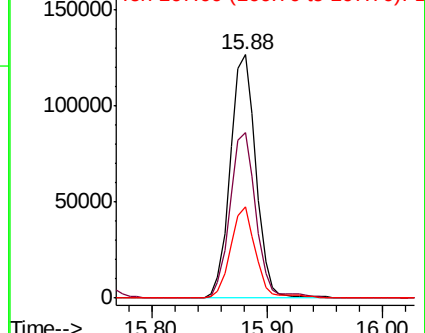
167 37.5 27.5 41.3

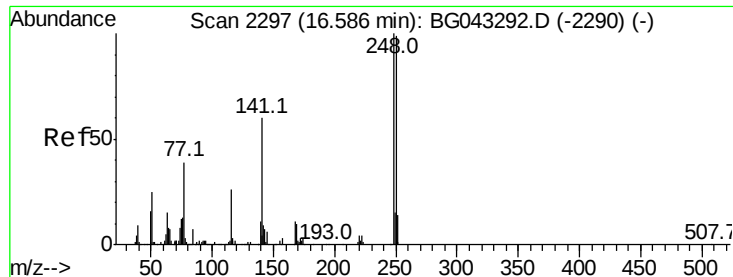


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

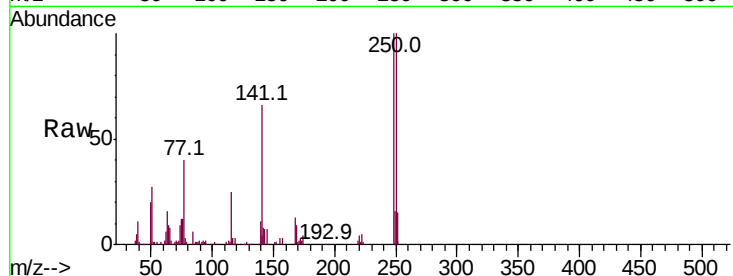




#67
4-Bromophenyl-phenylether
Concen: 38.031 ng
RT: 16.56 min Scan# 2292
Delta R.T. -0.02 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	77.0	115.4
141	66.3	47.5	71.3

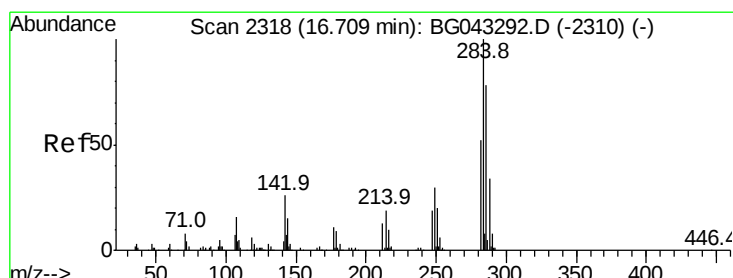
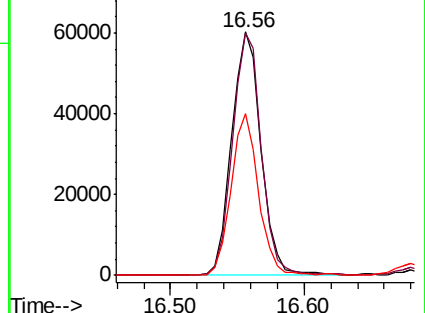
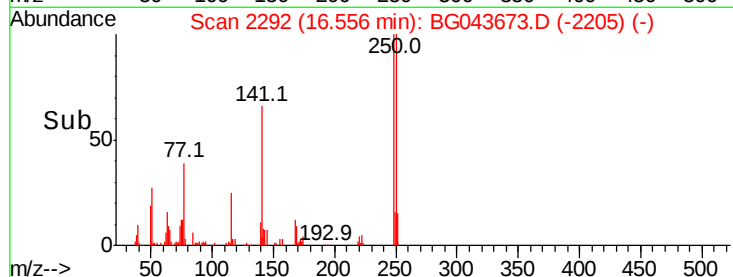


Abundance

Ion 248.00 (247.70 to 248.70): E

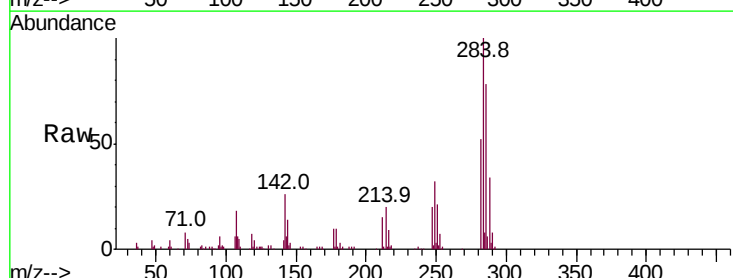
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.217 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.02 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.2	19.8	29.8
249	31.6	23.8	35.6

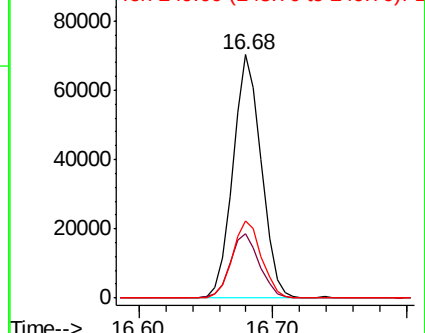
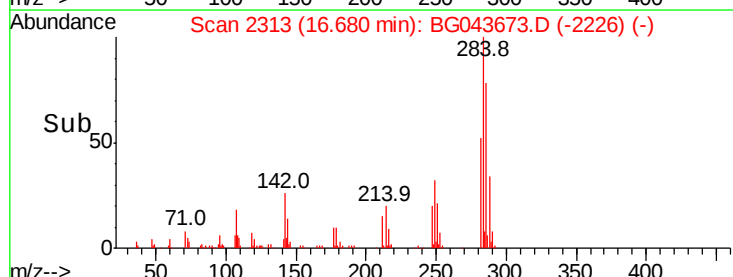


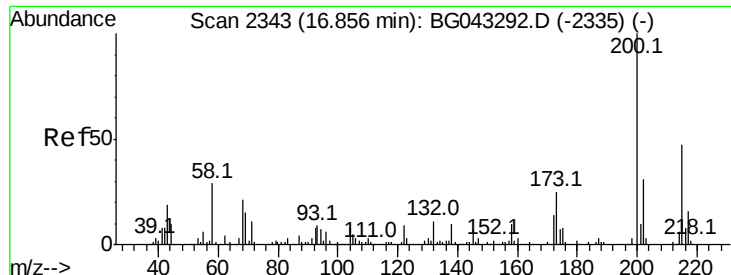
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

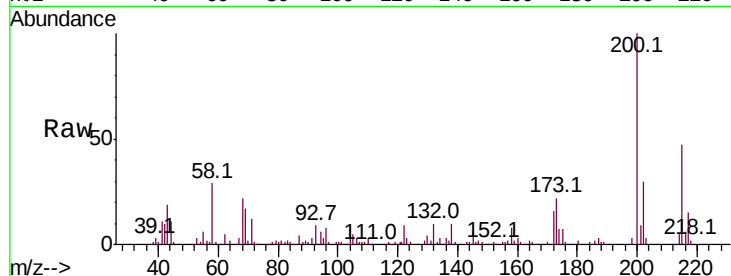




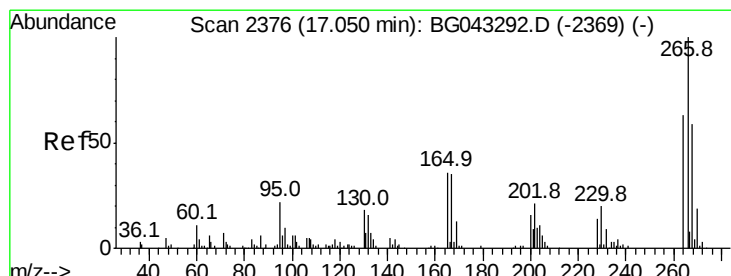
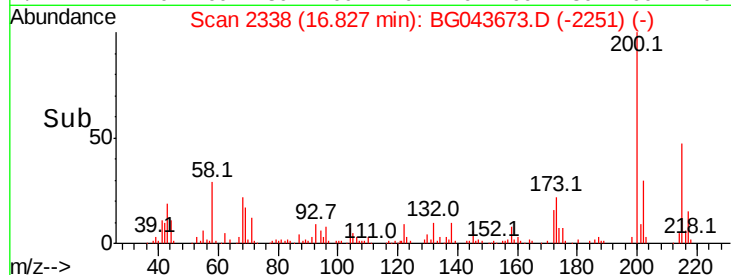
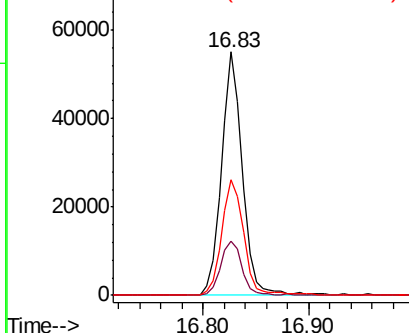
#69
 Atrazine
 Concen: 42.569 ng
 RT: 16.83 min Scan# 2338
 Delta R.T. -0.02 min
 Lab File: BG043673.D
 Acq: 18 Nov 2019 14:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 75537
 Ion Ratio Lower Upper
 200 100
 173 22.1 4.7 44.7
 215 47.4 28.5 68.5

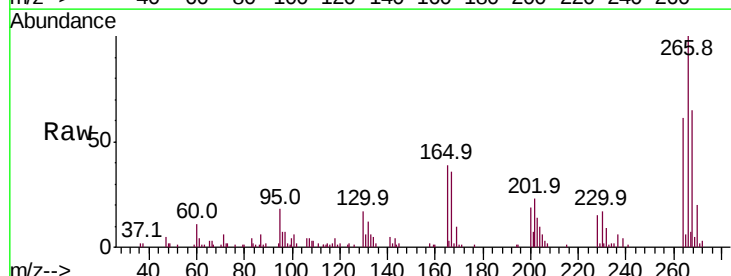


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

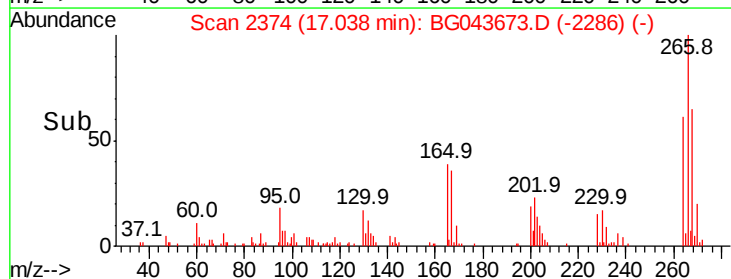
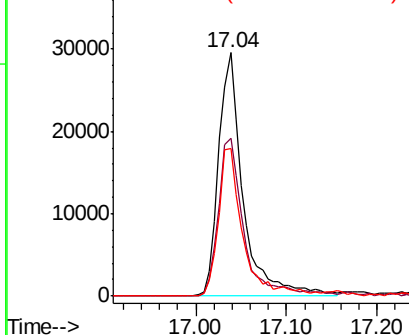


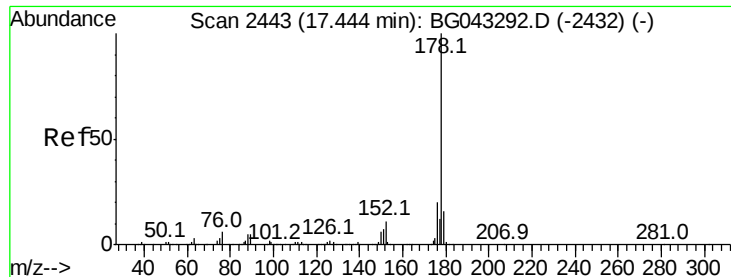
#70
 Pentachlorophenol
 Concen: 43.516 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG043673.D
 Acq: 18 Nov 2019 14:59

Tgt Ion:266 Resp: 55404
 Ion Ratio Lower Upper
 266 100
 268 64.7 50.4 75.6
 264 60.6 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

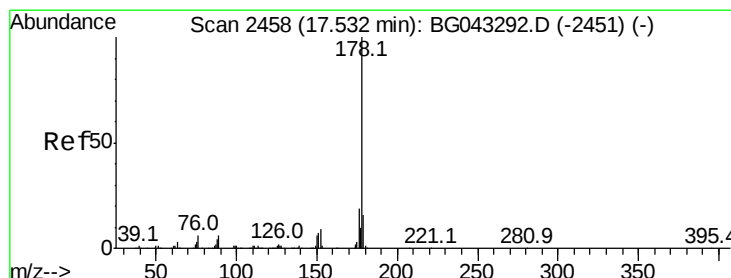
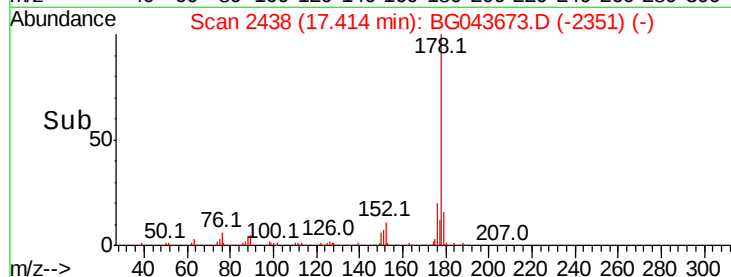
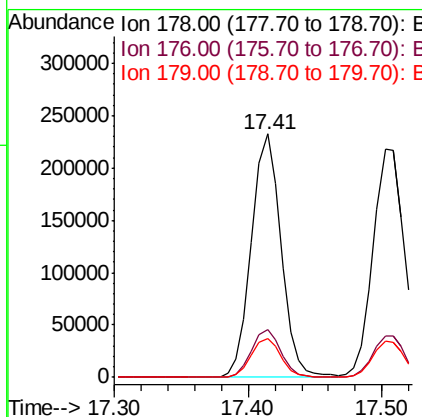
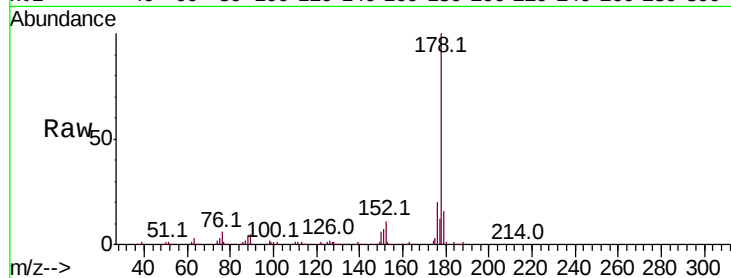




#71
Phenanthrene
Concen: 38.427 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.02 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

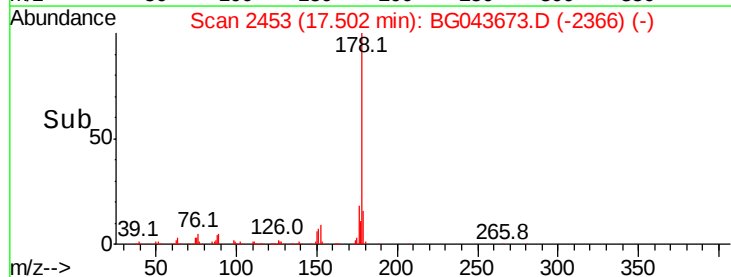
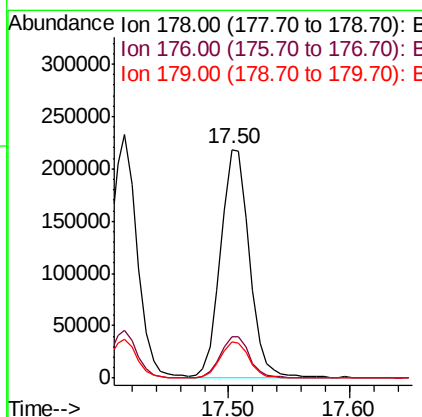
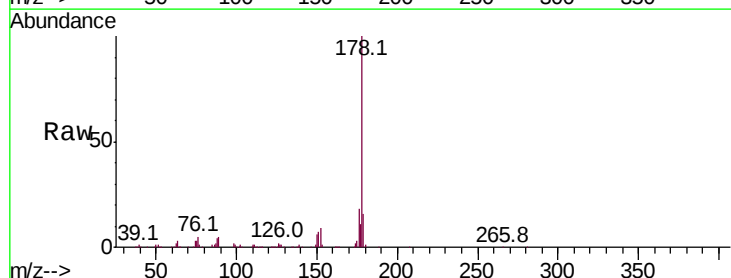
Instrument :
BNA_G
ClientSampleId :

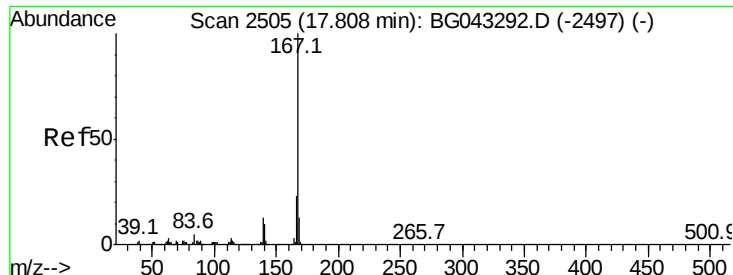
Tot Ion:178 Resp: 355920
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.7 13.0 19.6



#72
Anthracene
Concen: 38.773 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.02 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

Tgt Ion:178 Resp: 359307
Ion Ratio Lower Upper
178 100
176 18.2 15.5 23.3
179 16.0 13.7 20.5





#73

Carbazole

Concen: 38.244 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampleId :

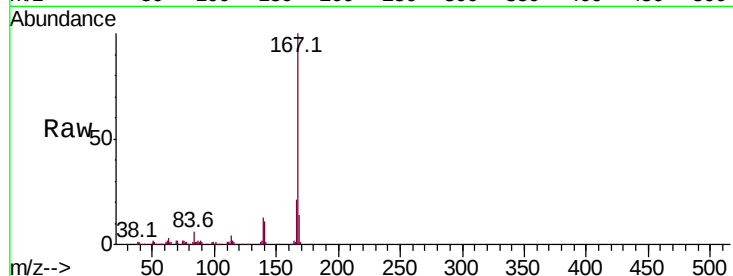
Tot Ion:167 Resp: 320942

Ion Ratio Lower Upper

167 100

166 21.3 18.7 28.1

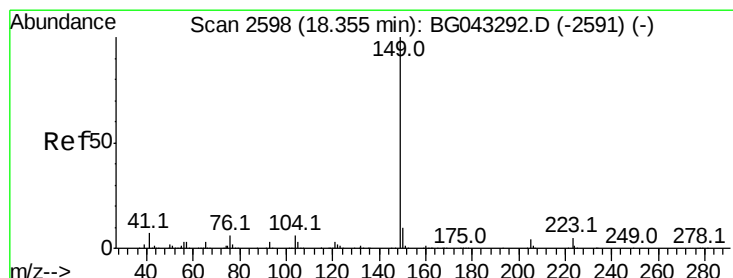
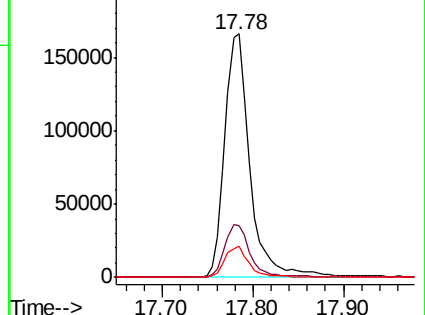
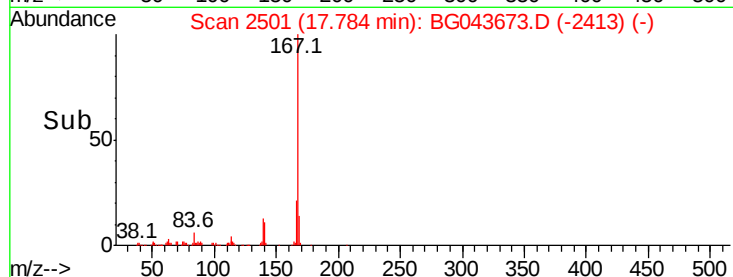
139 12.6 10.0 15.0



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: 39.069 ng

RT: 18.32 min Scan# 2593

Delta R.T. -0.02 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

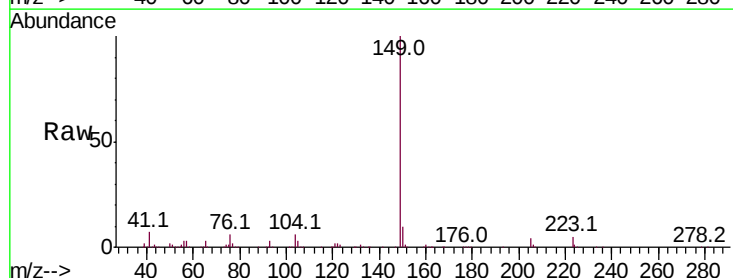
Tgt Ion:149 Resp: 397818

Ion Ratio Lower Upper

149 100

150 9.7 8.0 12.0

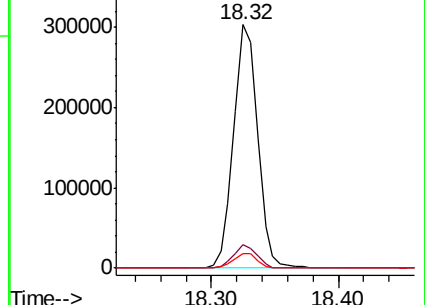
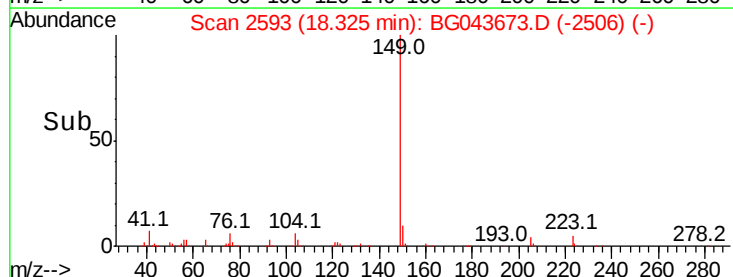
104 6.1 4.4 6.6

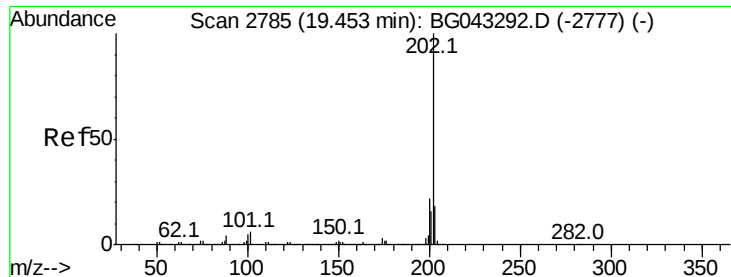


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.117 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.02 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampleId :

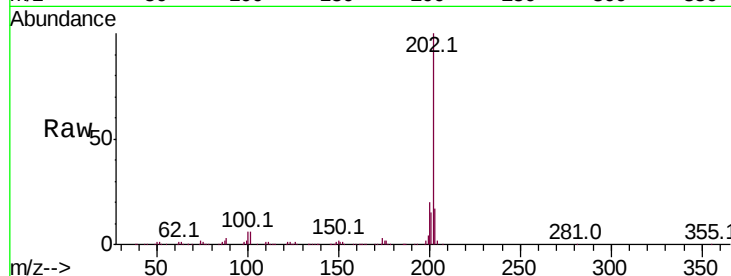
Tot Ion:202 Resp: 472338

Ion Ratio Lower Upper

202 100

101 5.9 0.0 26.3

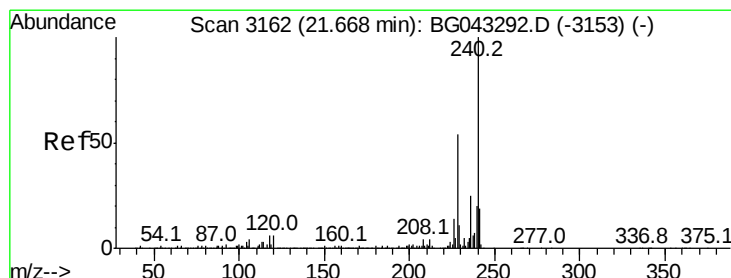
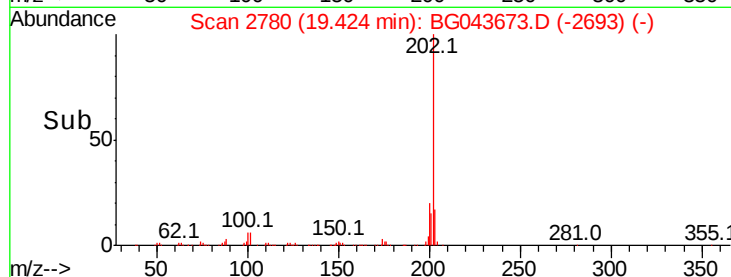
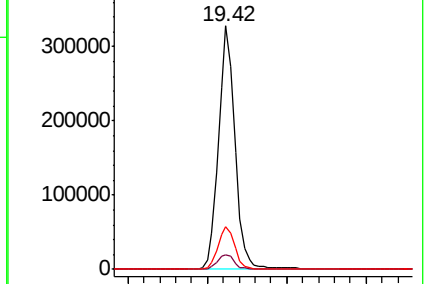
203 17.4 0.0 37.9



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. -0.02 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

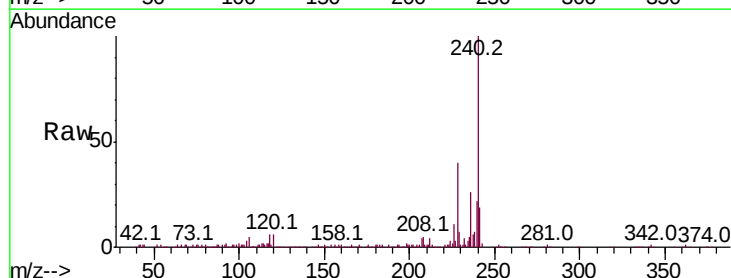
Tgt Ion:240 Resp: 193281

Ion Ratio Lower Upper

240 100

120 5.8 4.6 6.8

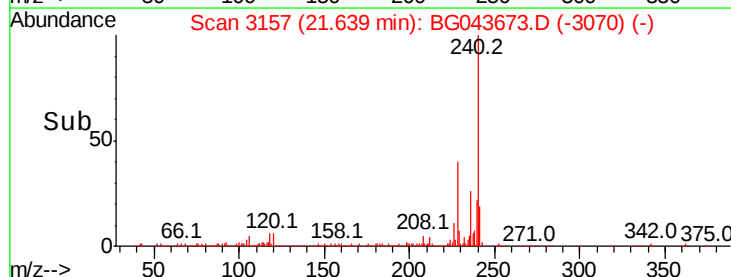
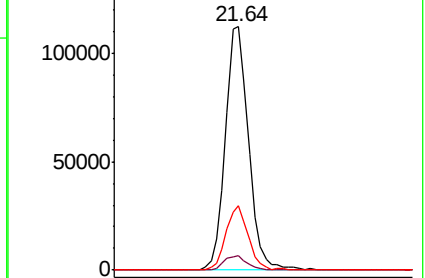
236 26.3 19.8 29.8

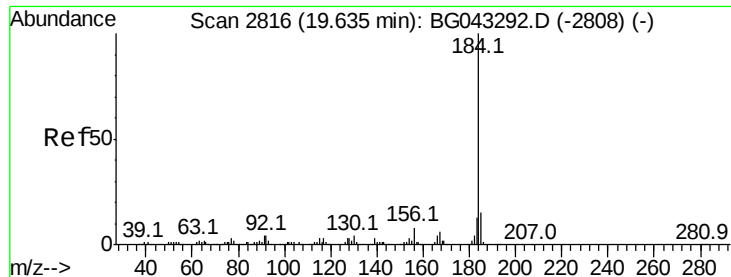


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.457 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampleId :

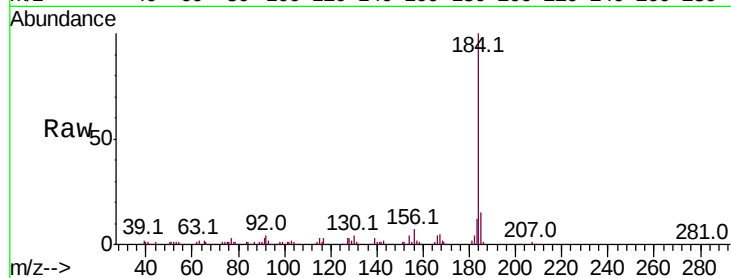
Tot Ion:184 Resp: 161262

Ion Ratio Lower Upper

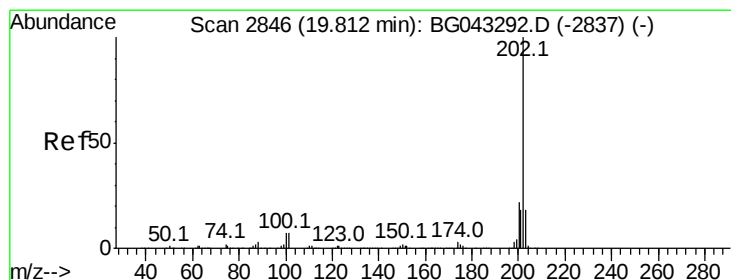
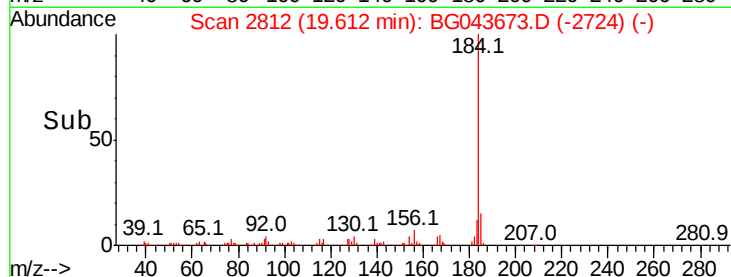
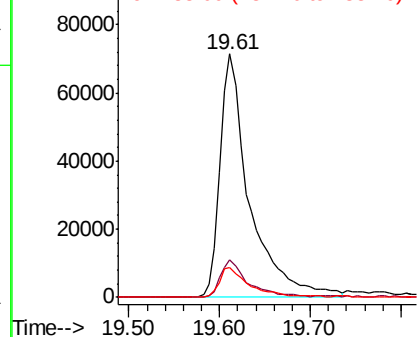
184 100

185 15.4 11.0 16.4

183 12.1 10.0 15.0



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: 40.349 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

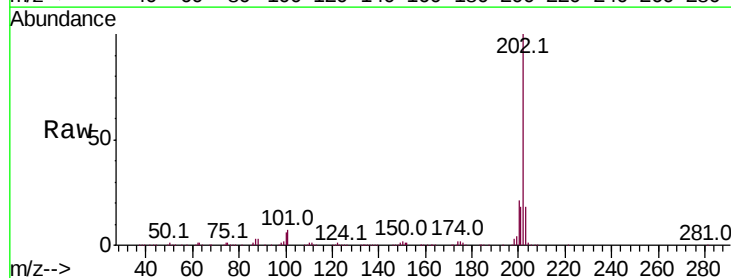
Tgt Ion:202 Resp: 482726

Ion Ratio Lower Upper

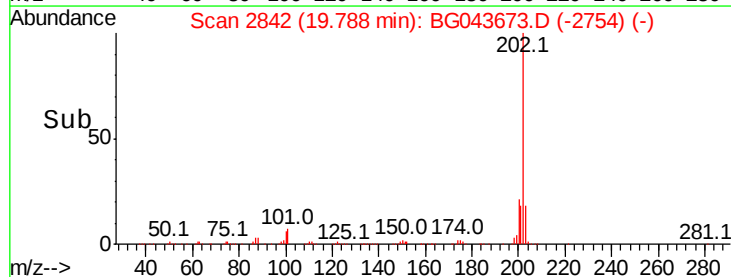
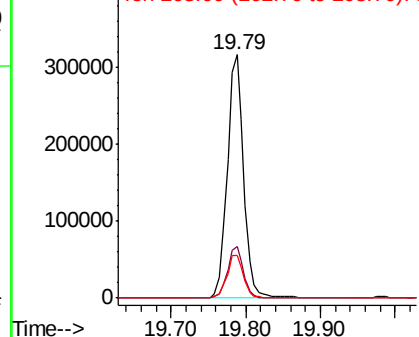
202 100

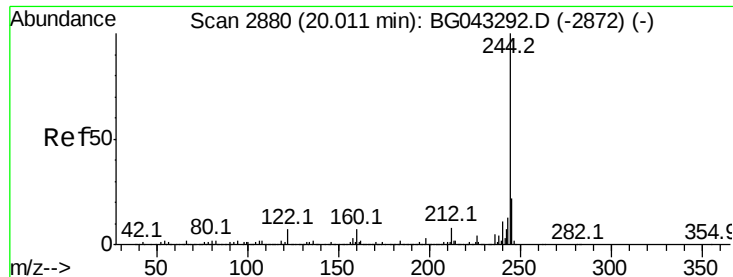
200 21.2 17.0 25.4

203 17.7 14.7 22.1



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: 83.101 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampleId :

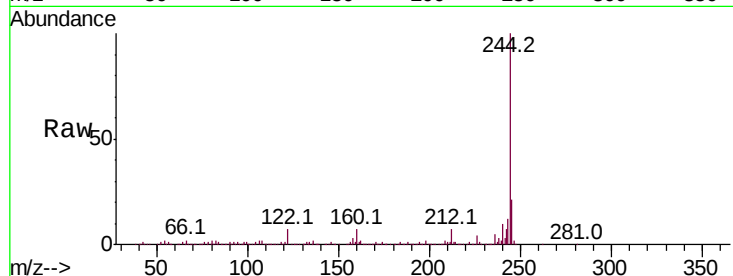
Tot Ion:244 Resp: 856145

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

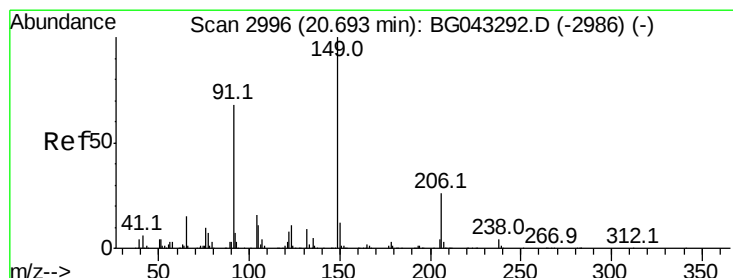
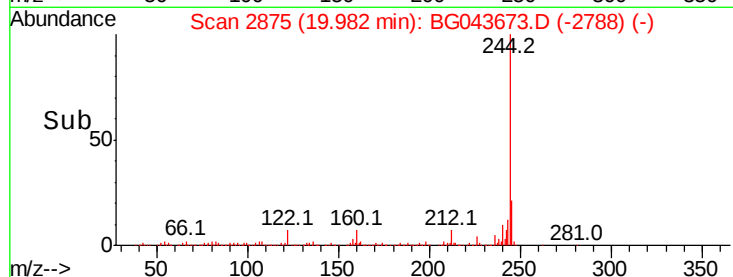
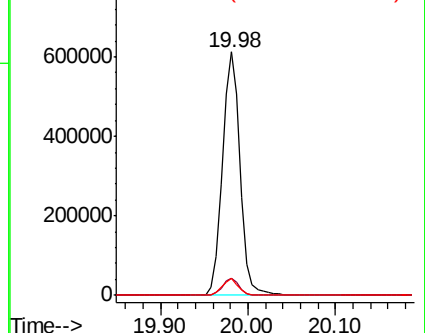
122 6.8 5.4 8.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.909 ng

RT: 20.67 min Scan# 2992

Delta R.T. -0.02 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

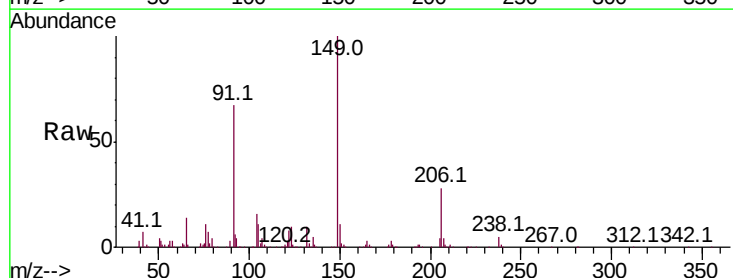
Tgt Ion:149 Resp: 185427

Ion Ratio Lower Upper

149 100

91 66.9 51.2 76.8

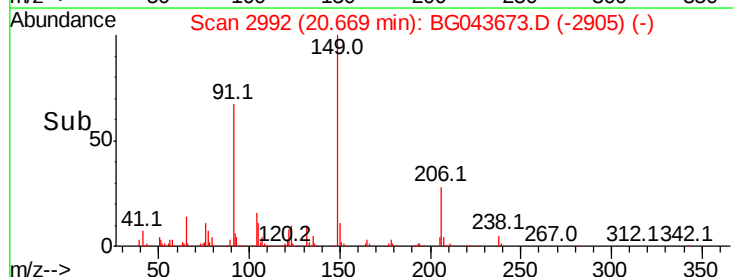
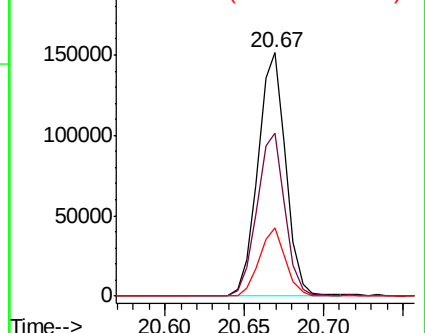
206 27.9 22.5 33.7

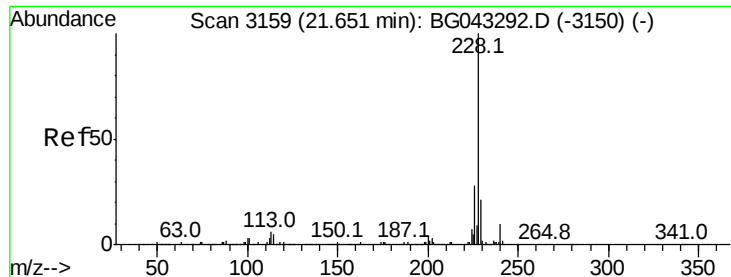


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.852 ng

RT: 21.62 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG043673.D

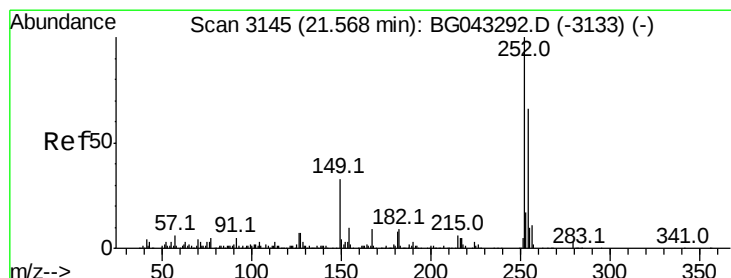
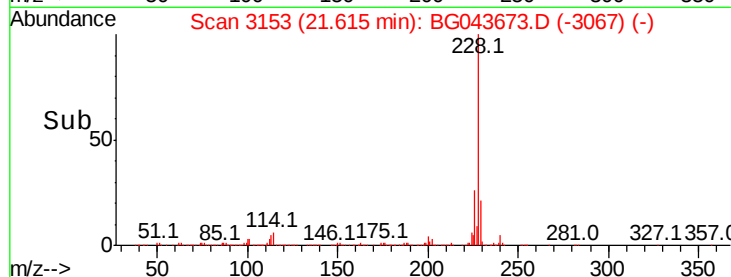
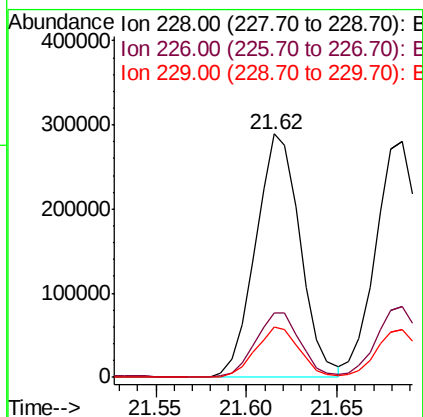
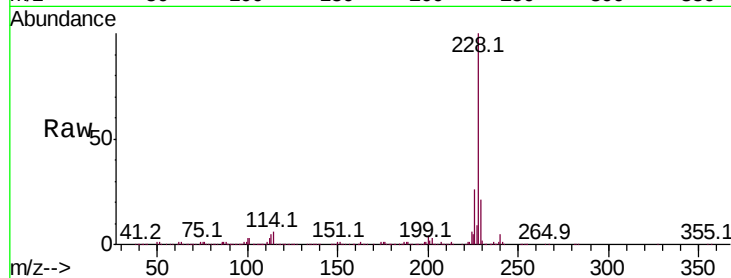
Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:228	Resp:	494595
Ion	Ratio	Lower Upper
228	100	
226	26.5	22.2 33.2
229	20.9	17.0 25.4



#82

3,3'-Dichlorobenzidine

Concen: 42.047 ng

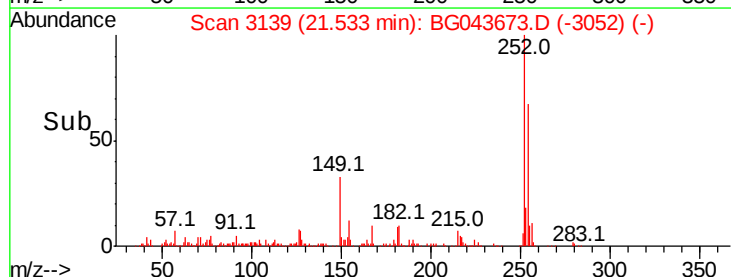
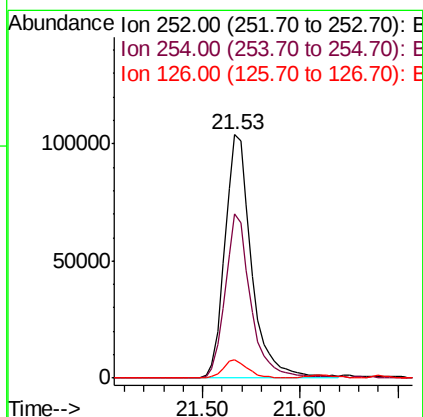
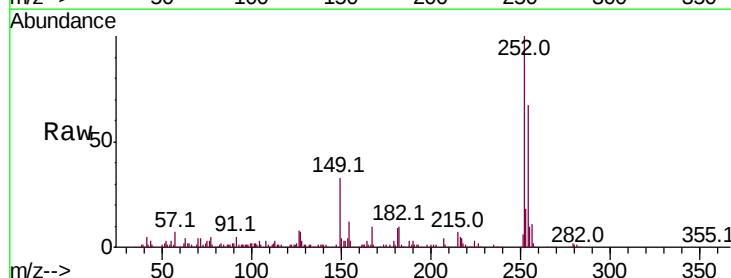
RT: 21.53 min Scan# 3139

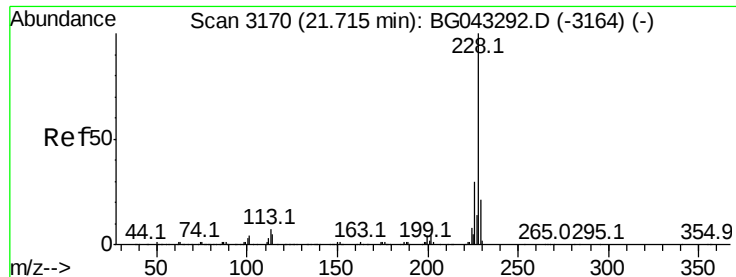
Delta R.T. -0.02 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Tgt Ion:252	Resp:	196894
Ion	Ratio	Lower Upper
252	100	
254	67.4	50.8 76.2
126	7.8	6.1 9.1





#83

Chrysene

Concen: 40.638 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampleId :

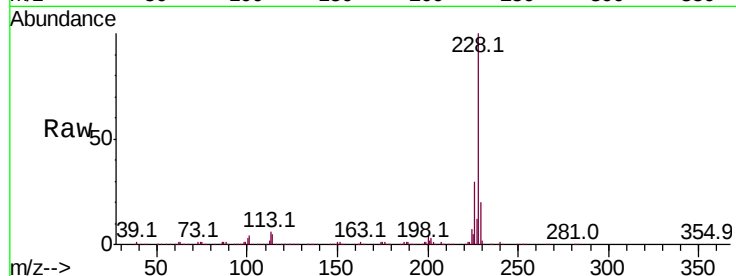
Tot Ion:228 Resp: 488839

Ion Ratio Lower Upper

228 100

226 30.1 25.1 37.7

229 20.5 17.0 25.4

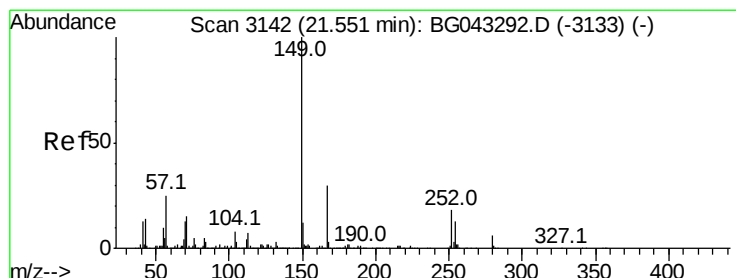
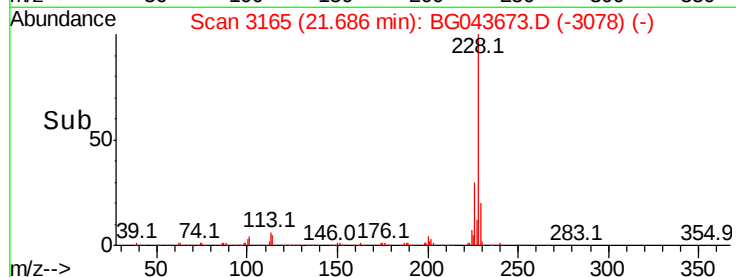
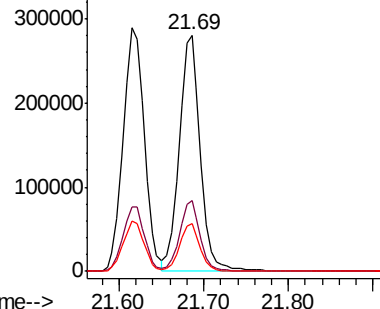


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.719 ng

RT: 21.52 min Scan# 3136

Delta R.T. -0.02 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

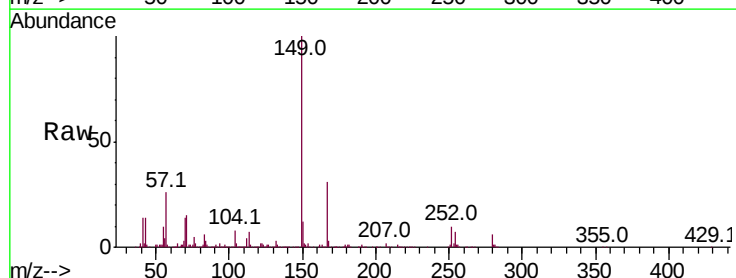
Tgt Ion:149 Resp: 268615

Ion Ratio Lower Upper

149 100

167 30.7 24.0 36.0

279 6.1 5.4 8.2

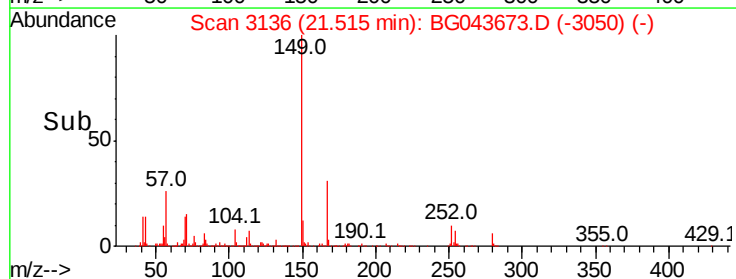
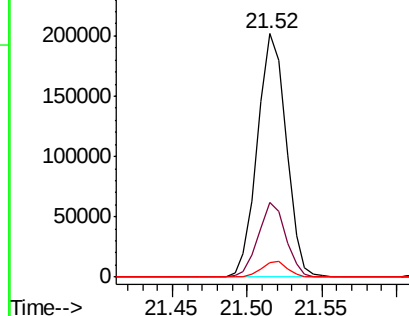


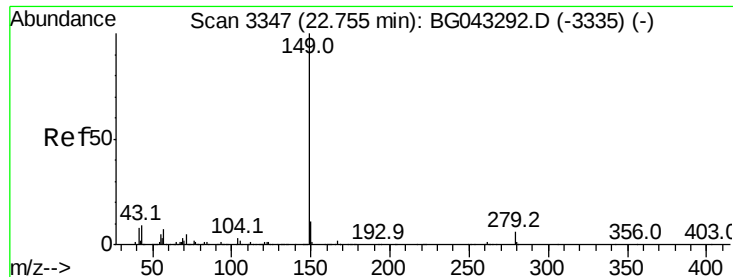
Abundance

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: 41.774 ng

RT: 22.71 min Scan# 3339

Delta R.T. -0.03 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampleId :

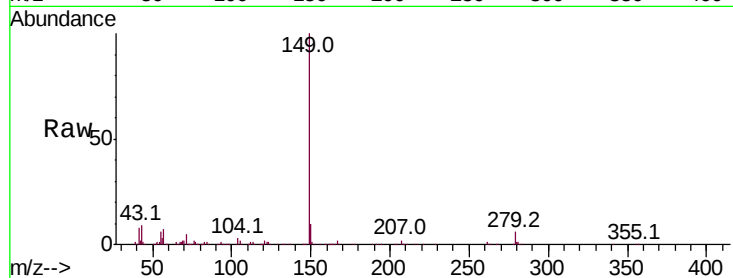
Tot Ion:149 Resp: 456320

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

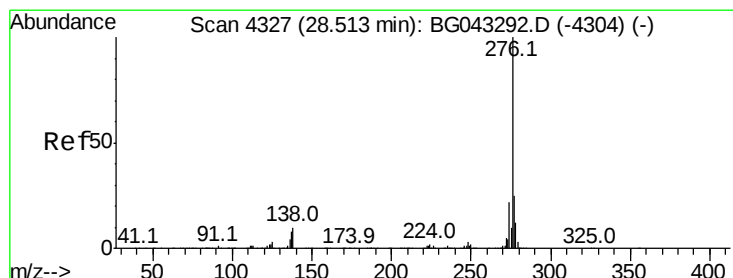
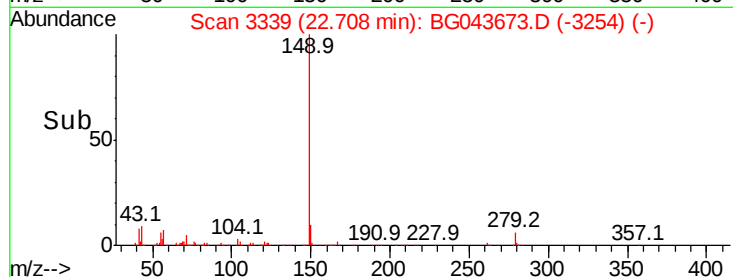
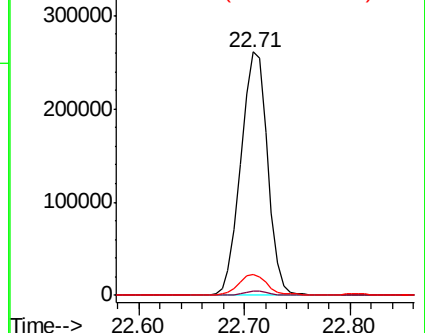
43 9.2 7.0 10.6



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.954 ng

RT: 28.44 min Scan# 4315

Delta R.T. -0.05 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

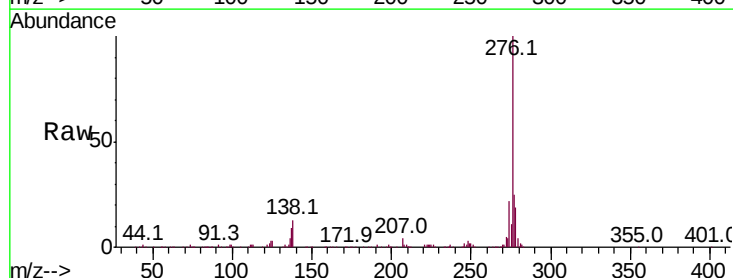
Tgt Ion:276 Resp: 618390

Ion Ratio Lower Upper

276 100

138 0.0 6.8 10.2#

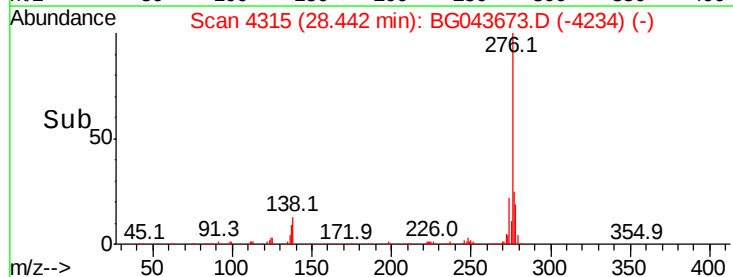
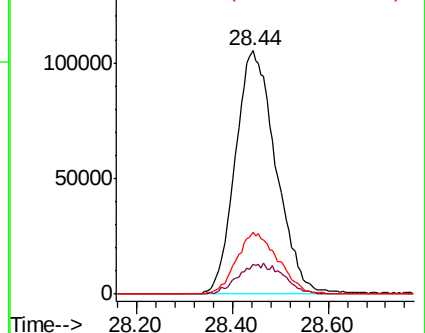
277 25.9 20.9 31.3

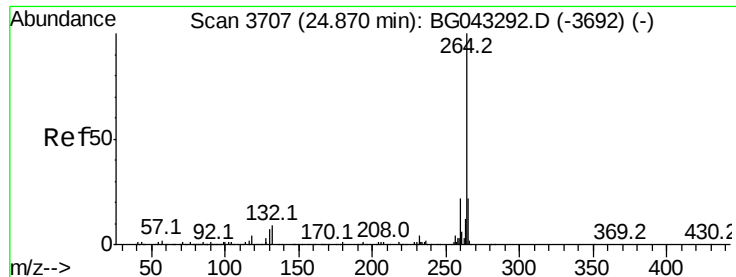


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.82 min Scan# 3698

Delta R.T. -0.04 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

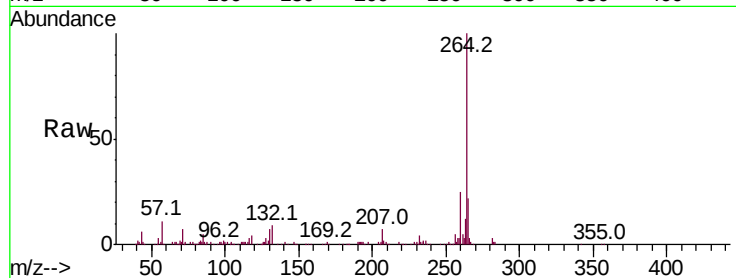
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 226475

Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.5	26.3
265	22.3	17.4	26.0

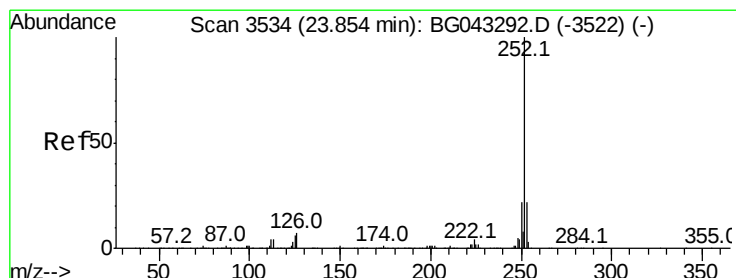
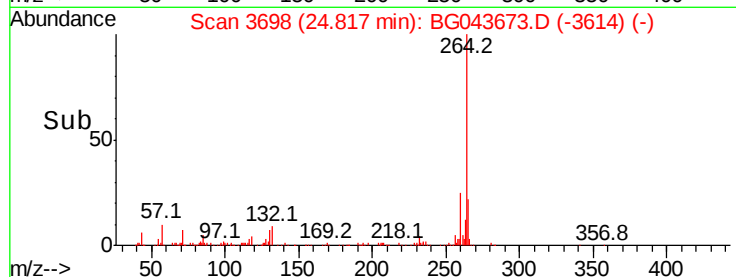
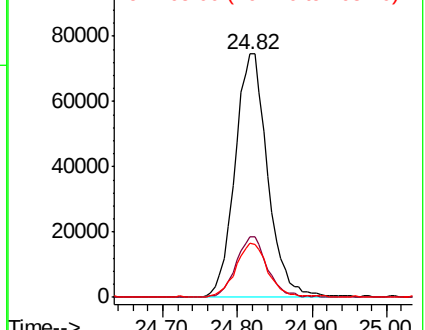


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.715 ng

RT: 23.81 min Scan# 3527

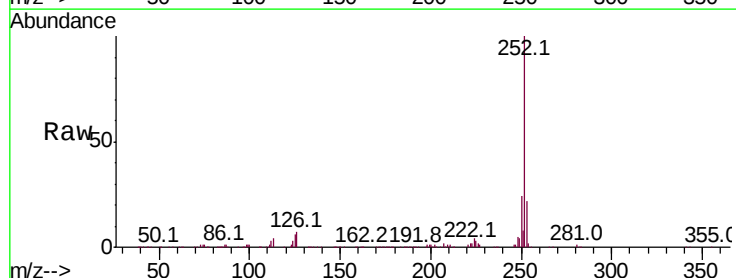
Delta R.T. -0.03 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Tgt Ion:252 Resp: 522247

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	5.8	4.5	6.7

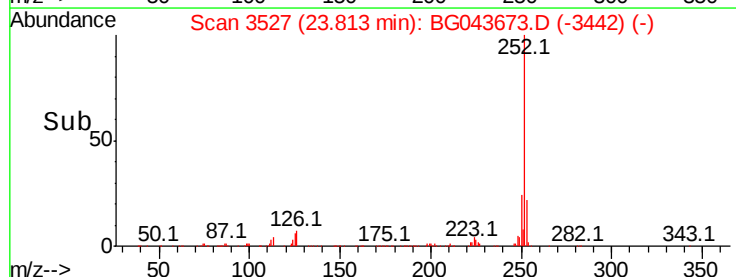
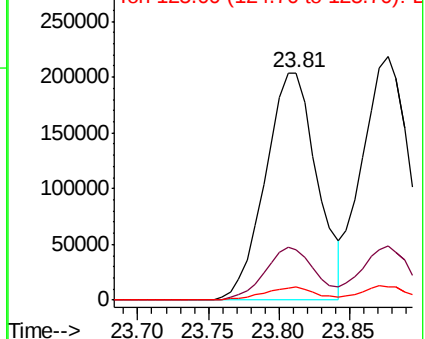


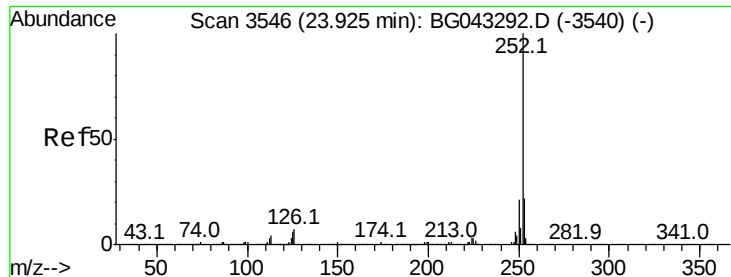
Abundance

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

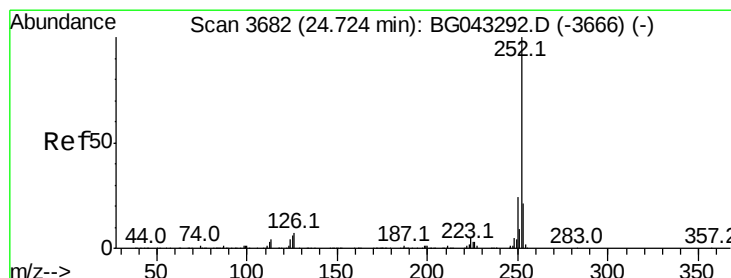
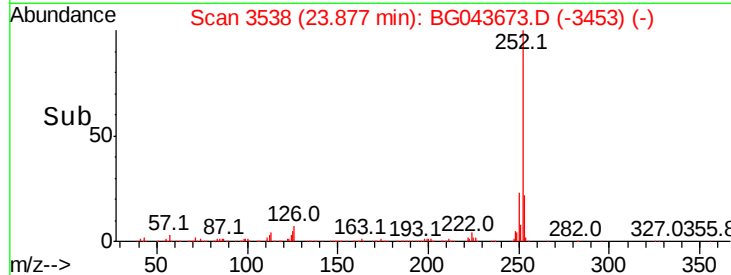
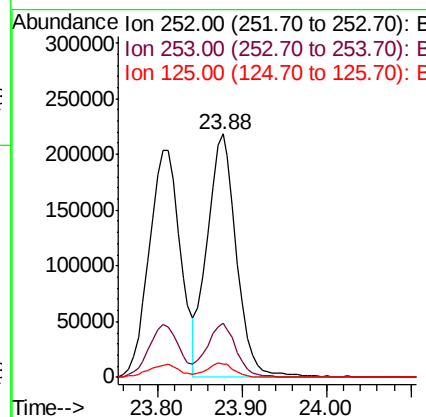
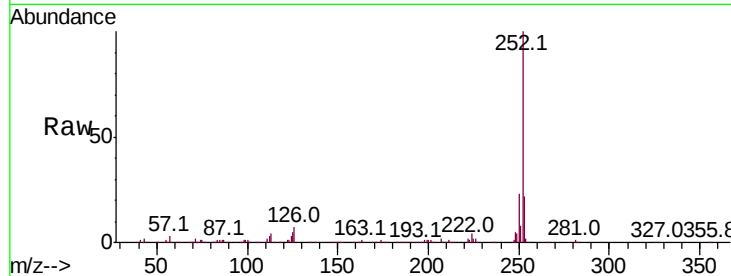




#89
Benzo(k)fluoranthene
Concen: 40.755 ng
RT: 23.88 min Scan# 3538
Delta R.T. -0.03 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

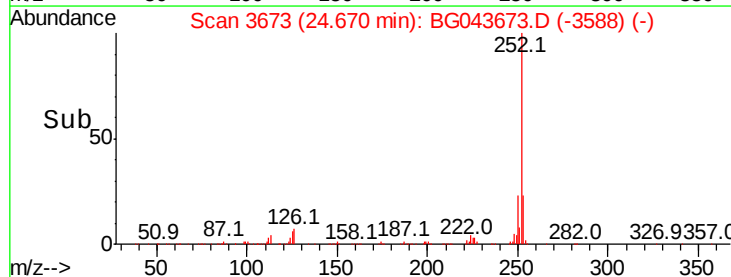
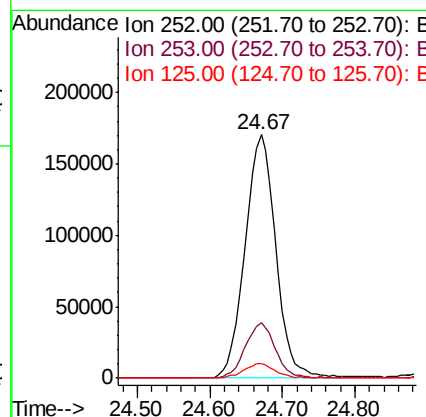
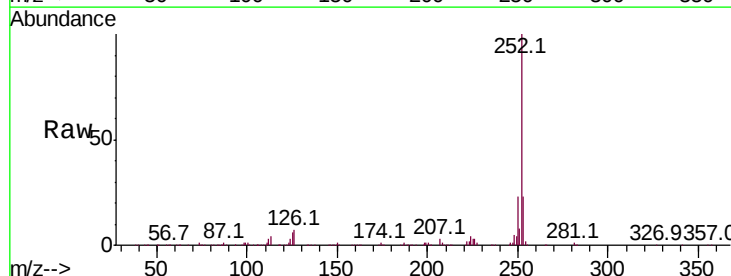
Instrument :
BNA_G
ClientSampled :

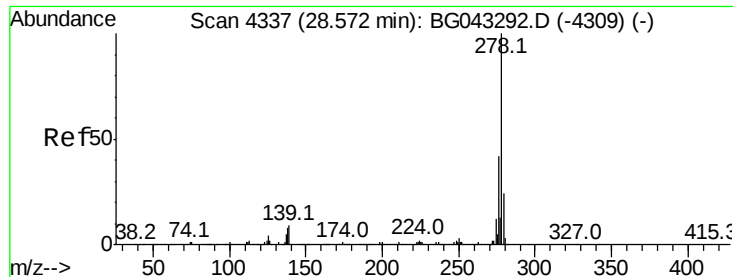
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	5.5	4.6	6.8



#90
Benzo(a)pyrene
Concen: 41.042 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.03 min
Lab File: BG043673.D
Acq: 18 Nov 2019 14:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	6.1	5.4	8.2





#91

Dibenzo(a,h)anthracene

Concen: 41.284 ng

RT: 28.50 min Scan# 4324

Delta R.T. -0.06 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

Instrument :

BNA_G

ClientSampleId :

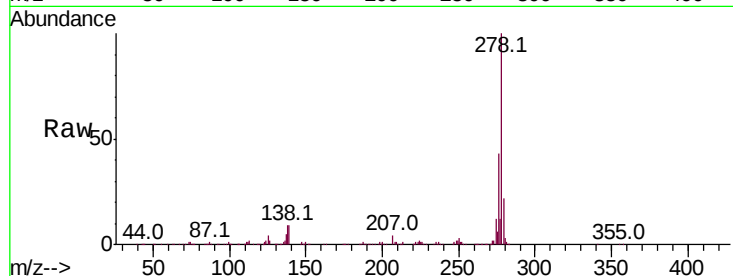
Tot Ion:278 Resp: 517225

Ion Ratio Lower Upper

278 100

139 9.2 7.4 11.0

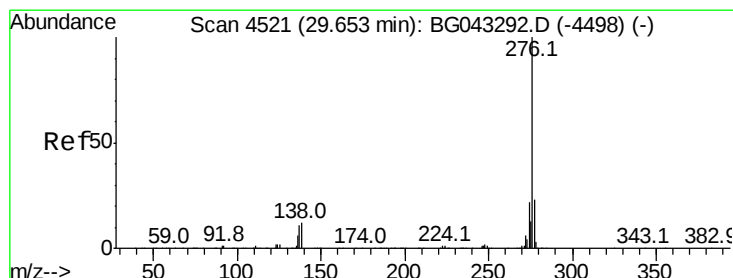
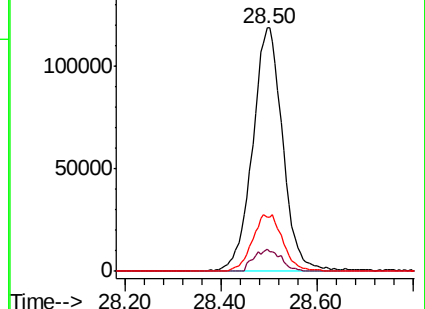
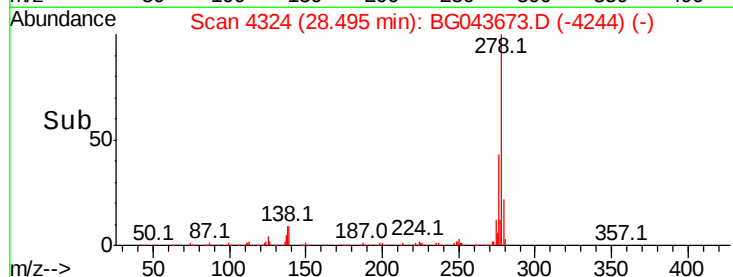
279 22.4 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.668 ng

RT: 29.58 min Scan# 4508

Delta R.T. -0.05 min

Lab File: BG043673.D

Acq: 18 Nov 2019 14:59

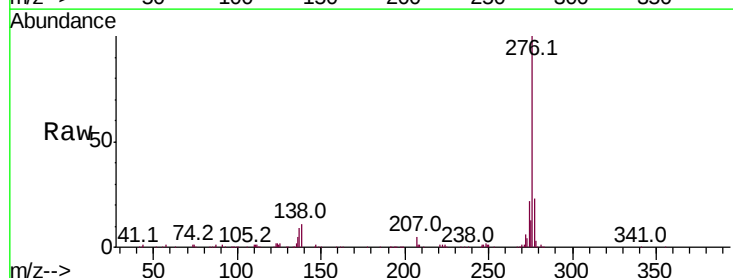
Tgt Ion:276 Resp: 502584

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 11.4 8.9 13.3



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

