

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
 Data File : BG044993.D
 Acq On : 15 Apr 2020 22:16
 Operator : CG/JU
 Sample : L2123-09MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MS

Quant Time: Apr 16 05:03:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	67210	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	273249	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	221786	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	568243	20.00	ng	0.00
76) Chrysene-d12	21.67	240	544780	20.00	ng	0.00
87) Perylene-d12	24.85	264	596229	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	589754	144.87	ng	0.00
7) Phenol-d6	7.18	99	778852	128.77	ng	0.00
23) Nitrobenzene-d5	9.18	82	615734	102.82	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	552071	161.13	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1490215	98.52	ng	0.00
79) Terphenyl-d14	20.01	244	2697047	107.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	84694	46.813	ng	# 35
3) Pyridine	3.89	79	156524	28.099	ng	97
4) n-Nitrosodimethylamine	3.79	42	84006	49.228	ng	93
6) Aniline	7.35	93	145325	18.479	ng	96
8) 2-Chlorophenol	7.59	128	246649	56.374	ng	99
9) Benzaldehyde	7.15	77	101984	26.730	ng	92
10) Phenol	7.21	94	276586	45.697	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	239012	49.598	ng	99
12) 1,3-Dichlorobenzene	7.92	146	237560	46.078	ng	98
13) 1,4-Dichlorobenzene	8.06	146	241117	46.935	ng	99
14) 1,2-Dichlorobenzene	8.38	146	230246	46.848	ng	98
15) Benzyl Alcohol	8.26	79	259967	51.264	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	225962	47.768	ng	98
17) 2-Methylphenol	8.46	107	227155	48.643	ng	95
18) Hexachloroethane	9.12	117	88612	45.883	ng	98
19) n-Nitroso-di-n-propylamine	8.83	70	222436	52.001	ng	99
20) 3+4-Methylphenols	8.79	107	320332	49.007	ng	99
22) Acetophenone	8.84	105	394686	53.413	ng	# 98
24) Nitrobenzene	9.22	77	318293	51.852	ng	98
25) Isophorone	9.75	82	638966	52.102	ng	98
26) 2-Nitrophenol	9.94	139	145731	55.115	ng	98
27) 2,4-Dimethylphenol	10.00	122	249221	59.403	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	348749	54.124	ng	99
29) 2,4-Dichlorophenol	10.48	162	282101	58.232	ng	99
30) 1,2,4-Trichlorobenzene	10.70	180	273764	49.912	ng	94
31) Naphthalene	10.88	128	770882	51.571	ng	98
32) Benzoic acid	10.14	122	162046	47.837	ng	95
33) 4-Chloroaniline	10.99	127	21189	3.039	ng	95
34) Hexachlorobutadiene	11.18	225	183885	48.898	ng	98
35) Caprolactam	11.75	113	41376	21.460	ng	# 82
36) 4-Chloro-3-methylphenol	12.11	107	337795	59.356	ng	94
37) 2-Methylnaphthalene	12.49	142	615778	53.073	ng	98
38) 1-Methylnaphthalene	12.71	142	603989	55.143	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	337234	47.226	ng	99

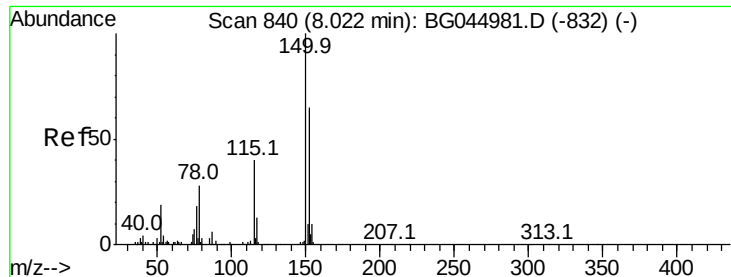
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	449795	100.779	nq	96
43) 2,4,6-Trichlorophenol	13.09	196	267540	53.085	nq	95
44) 2,4,5-Trichlorophenol	13.16	196	292225	50.940	nq	98
46) 1,1'-Biphenyl	13.49	154	824309	48.899	nq	99
47) 2-Chloronaphthalene	13.53	162	634755	49.280	nq	99
48) 2-Nitroaniline	13.73	65	216644	51.120	nq	94
49) Acenaphthylene	14.38	152	1093746	52.131	nq	99
50) Dimethylphthalate	14.12	163	957338	53.012	nq	98
51) 2,6-Dinitrotoluene	14.22	165	221314	54.791	nq	99
52) Acenaphthene	14.73	154	703161	49.534	nq	100
53) 3-Nitroaniline	14.55	138	37823	8.538	nq	93
54) 2,4-Dinitrophenol	14.76	184	295277	122.937	nq	98
55) Dibenzofuran	15.06	168	1079812	52.175	nq	98
56) 4-Nitrophenol	14.87	139	333487	97.087	nq	97
57) 2,4-Dinitrotoluene	15.01	165	326014	55.229	nq	95
58) Fluorene	15.71	166	916204	54.198	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	294344	57.665	nq	98
60) Diethylphthalate	15.48	149	1007132	53.491	nq	100
61) 4-Chlorophenyl-phenylether	15.70	204	499827	51.369	nq	98
62) 4-Nitroaniline	15.72	138	189185	41.173	nq	98
63) Azobenzene	16.00	77	941451	54.235	nq	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	213153	57.068	nq	98
66) n-Nitrosodiphenylamine	15.91	169	821364	50.308	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	355916	48.551	nq	95
68) Hexachlorobenzene	16.72	284	388872	51.148	nq	98
69) Atrazine	16.86	200	229204	37.716	nq	99
70) Pentachlorophenol	17.06	266	506498	108.595	nq	98
71) Phenanthrene	17.45	178	1536476	52.618	nq	98
72) Anthracene	17.54	178	1564967	53.428	nq	98
73) Carbazole	17.80	167	1434710	48.266	nq	100
74) Di-n-butylphthalate	18.37	149	1746376	55.371	nq	98
75) Fluoranthene	19.46	202	1921833	57.742	nq	97
77) Benzidine	19.65	184	126770	2.396	nq	98
78) Pyrene	19.81	202	1891179	50.354	nq	98
80) Butylbenzylphthalate	20.70	149	795382	51.091	nq	99
81) Benzo(a)anthracene	21.65	228	1827601	51.760	nq	98
82) 3,3'-Dichlorobenzidine	21.56	252	139652	9.937	nq	95
83) Chrysene	21.72	228	1757010	51.790	nq	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	1133323	52.931	nq	100
85) Di-n-octyl phthalate	22.78	149	1927160	52.049	nq	99
86) Indeno(1,2,3-cd)pyrene	28.48	276	2424843	53.834	nq	99
88) Benzo(b)fluoranthene	23.86	252	2052554	54.958	nq	99
89) Benzo(k)fluoranthene	23.92	252	1931275	54.375	nq	100
90) Benzo(a)pyrene	24.71	252	1861088	52.779	nq	100
91) Dibenzo(a,h)anthracene	28.55	278	1968579	55.404	nq	97
92) Benzo(g,h,i)perylene	29.62	276	1957088	54.940	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

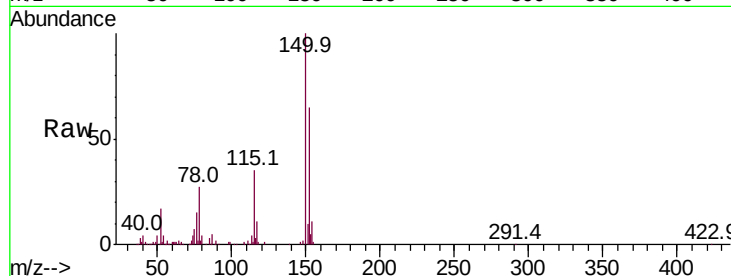
Tot Ion:152 Resp: 67210

Ion Ratio Lower Upper

152 100

150 154.3 123.6 185.4

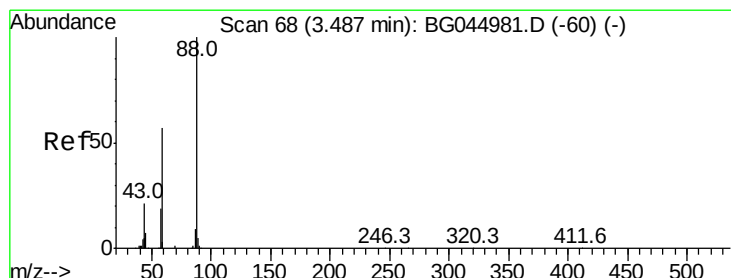
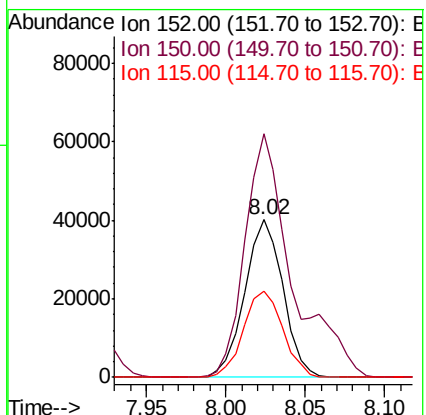
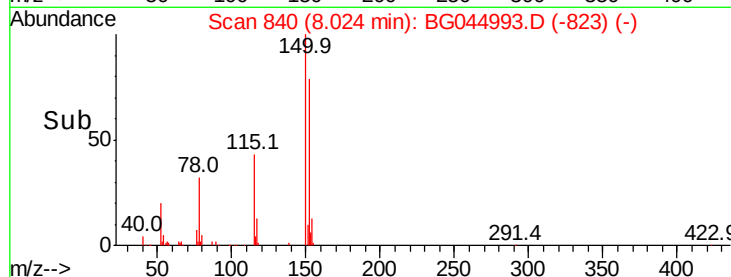
115 54.6 49.1 73.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 46.813 ng

RT: 3.49 min Scan# 69

Delta R.T. 0.01 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

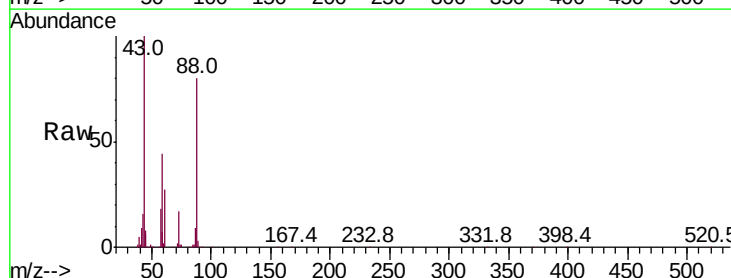
Tgt Ion: 88 Resp: 84694

Ion Ratio Lower Upper

88 100

58 56.5 46.6 69.8

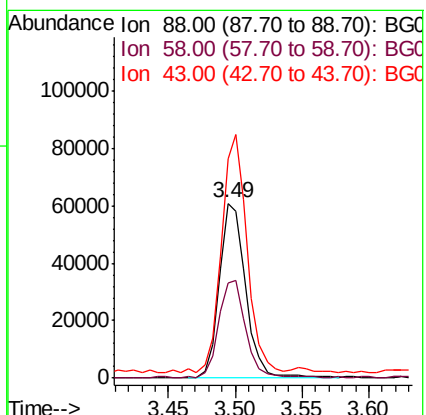
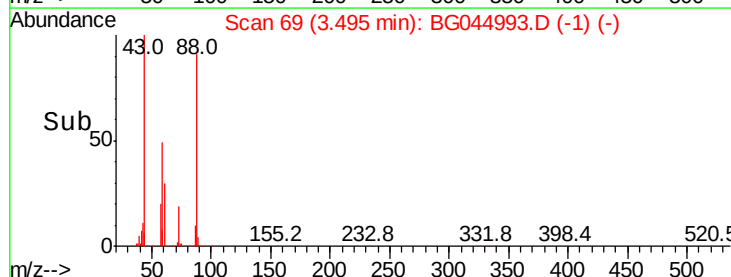
43 131.9 17.5 26.3#

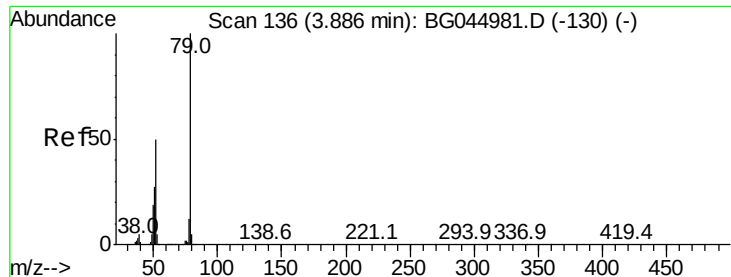


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.099 ng

RT: 3.89 min Scan# 137

Delta R.T. 0.01 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

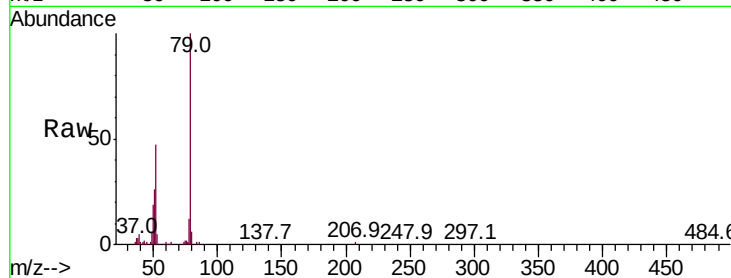
BNA_G

ClientSampleId :

TR-04-041420MS

Tot Ion: 79 Resp: 156524

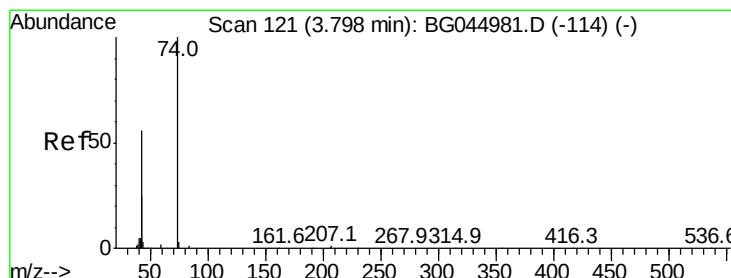
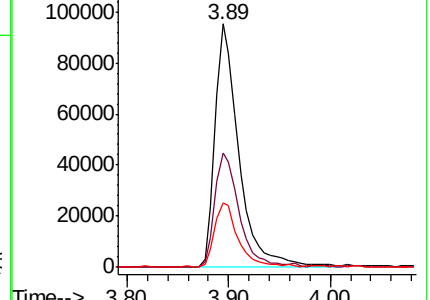
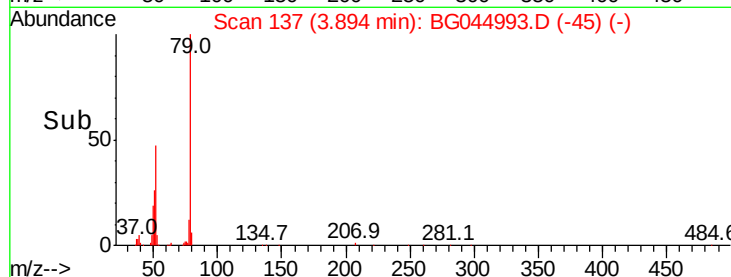
Ion	Ratio	Lower	Upper
79	100		
52	47.2	39.8	59.6
51	26.4	21.4	32.2



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 49.228 ng

RT: 3.79 min Scan# 120

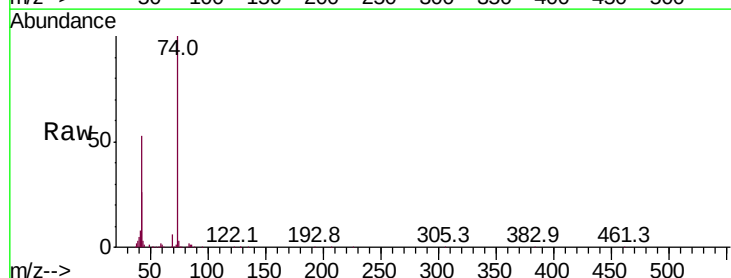
Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Tgt Ion: 42 Resp: 84006

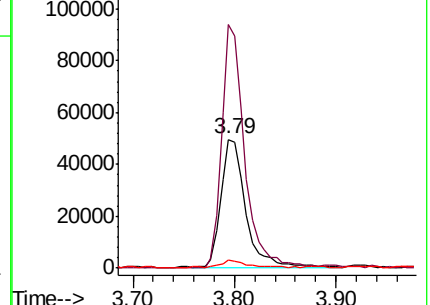
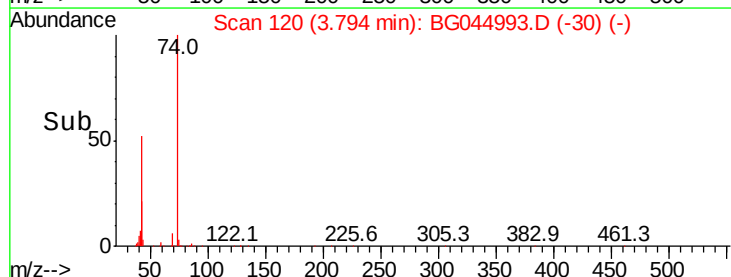
Ion	Ratio	Lower	Upper
42	100		
74	189.6	143.0	214.6
44	6.2	4.6	6.8

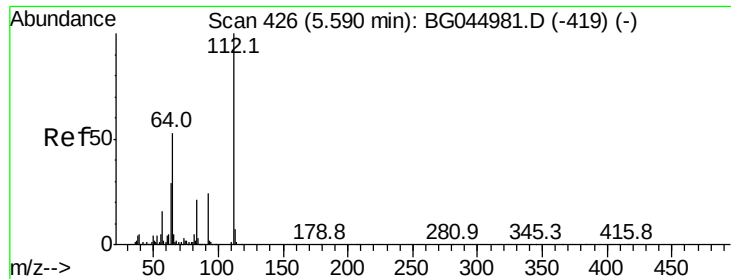


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 144.867 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

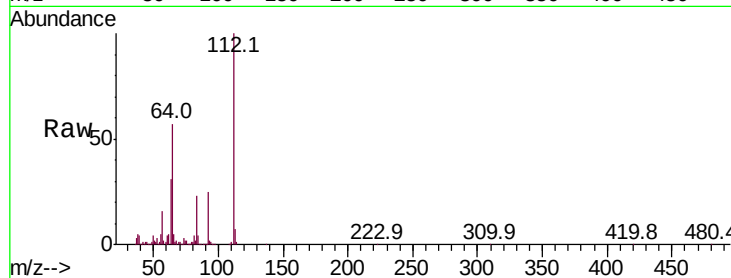
Tot Ion:112 Resp: 589754

Ion Ratio Lower Upper

112 100

64 57.0 42.4 63.6

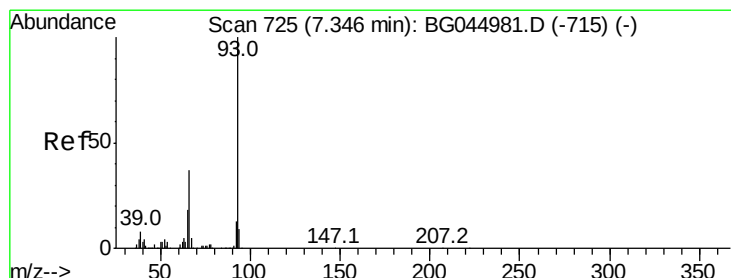
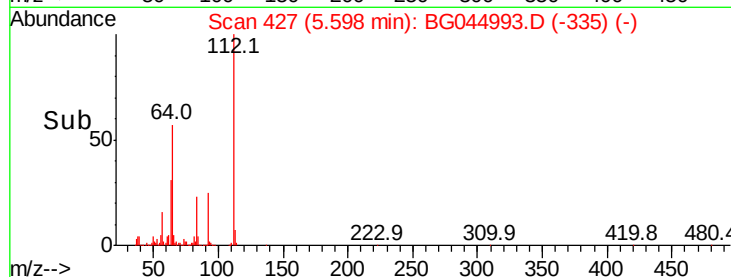
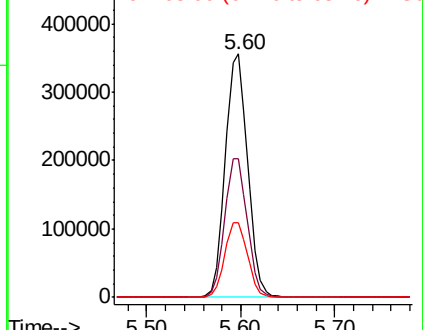
63 30.6 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.479 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

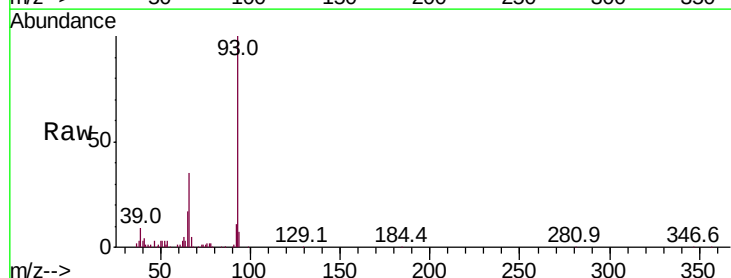
Tgt Ion: 93 Resp: 145325

Ion Ratio Lower Upper

93 100

66 34.6 29.8 44.8

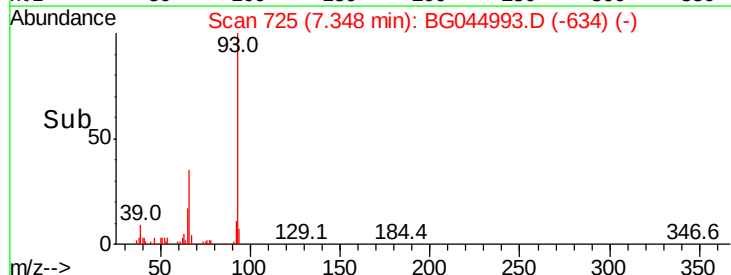
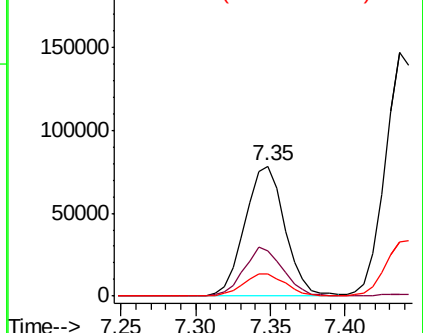
65 16.9 14.6 22.0

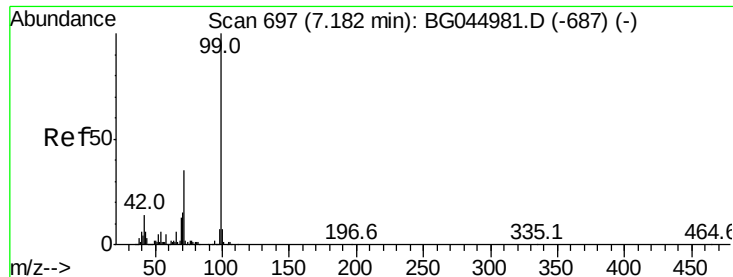


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.768 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG044993.D

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ClientSampleId :

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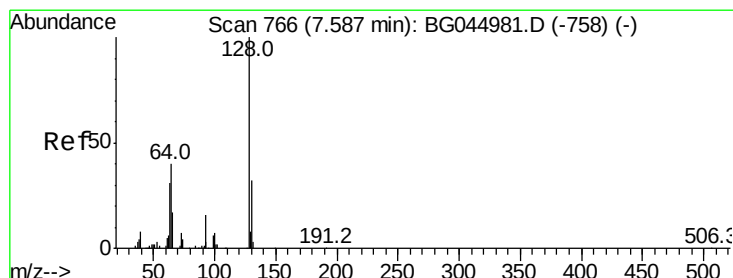
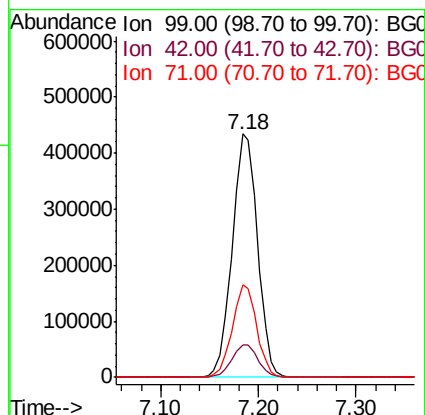
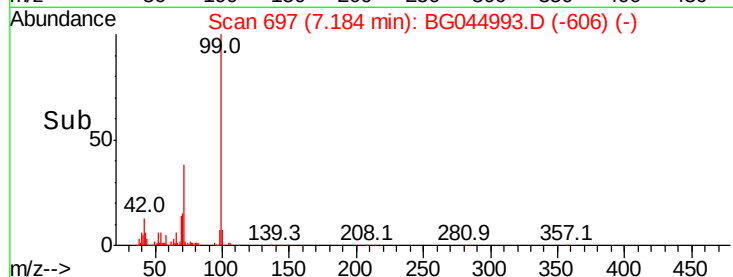
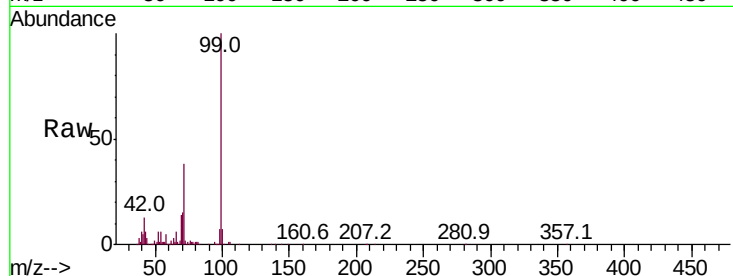
Tot Ion: 99 Resp: 778852

Ion Ratio Lower Upper

99 100

42 13.2 11.3 16.9

71 38.1 28.3 42.5



#8

2-Chlorophenol

Concen: 56.374 ng

RT: 7.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

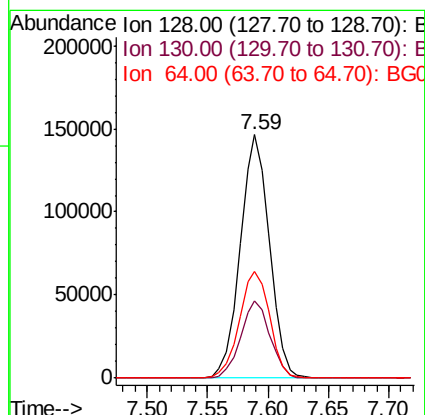
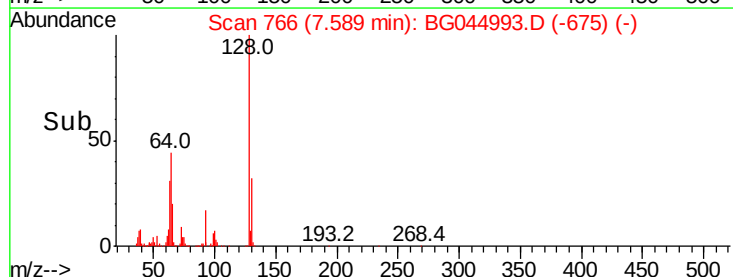
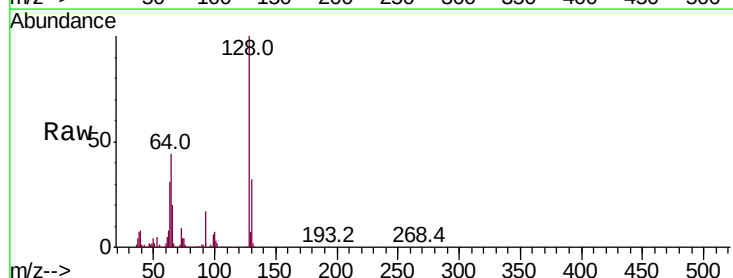
Tgt Ion: 128 Resp: 246649

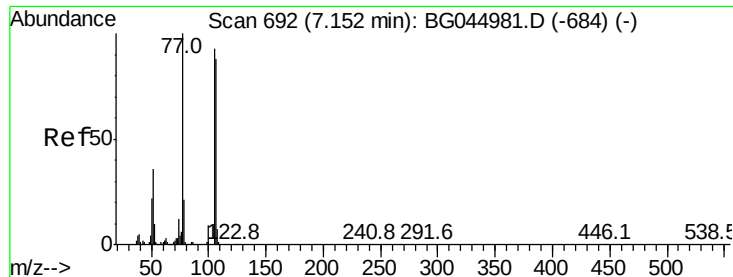
Ion Ratio Lower Upper

128 100

130 31.7 12.3 52.3

64 43.6 24.4 64.4





#9

Benzaldehyde

Concen: 26.730 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

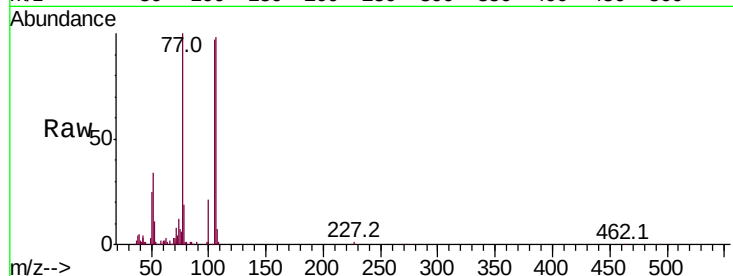
Tot Ion: 77 Resp: 101984

Ion Ratio Lower Upper

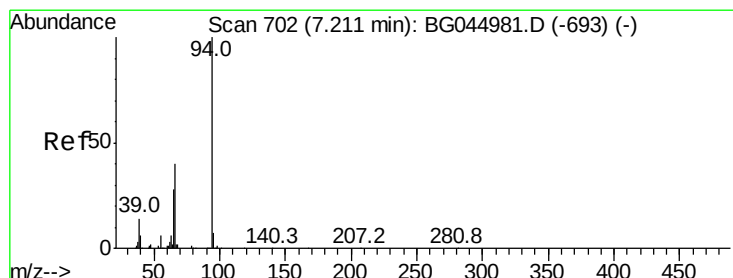
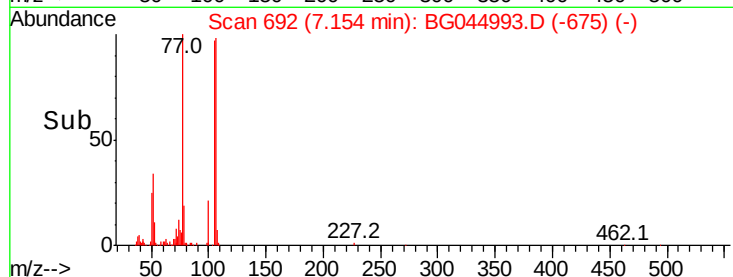
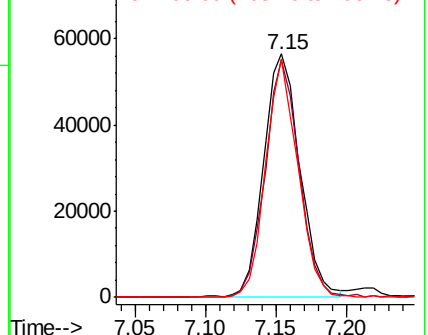
77 100

105 97.3 72.9 112.9

106 97.8 67.6 107.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.697 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

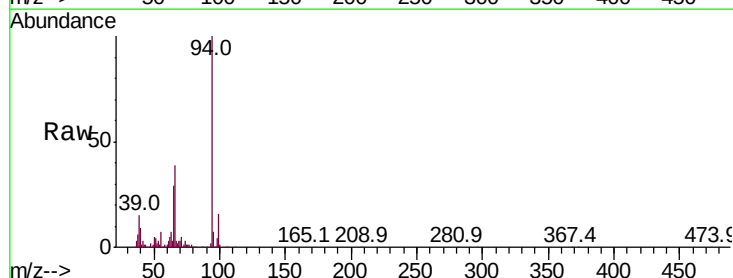
Tgt Ion: 94 Resp: 276586

Ion Ratio Lower Upper

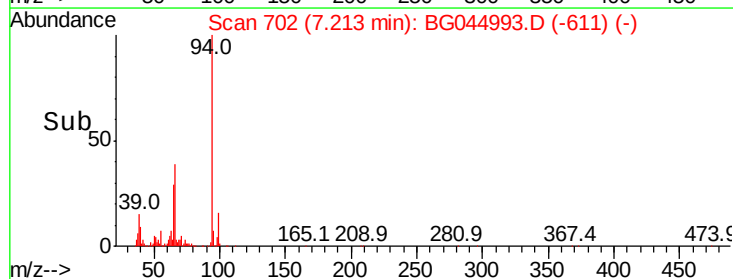
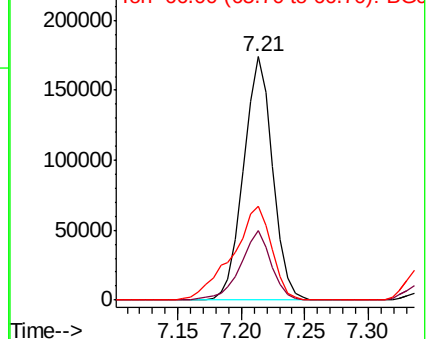
94 100

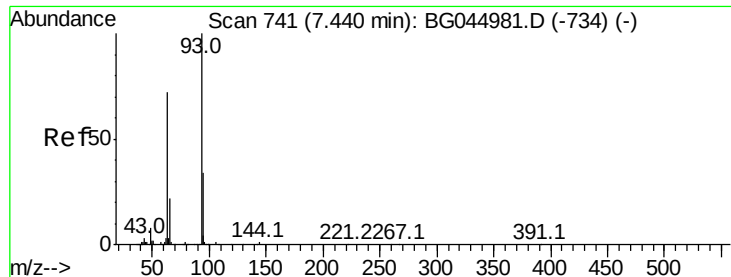
65 28.7 8.2 48.2

66 38.6 20.4 60.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 49.598 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

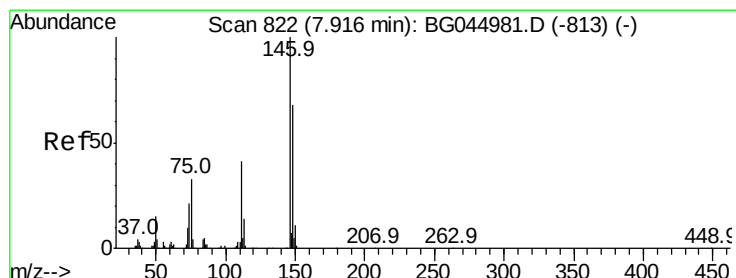
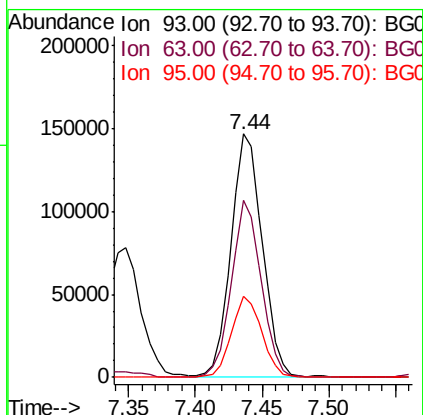
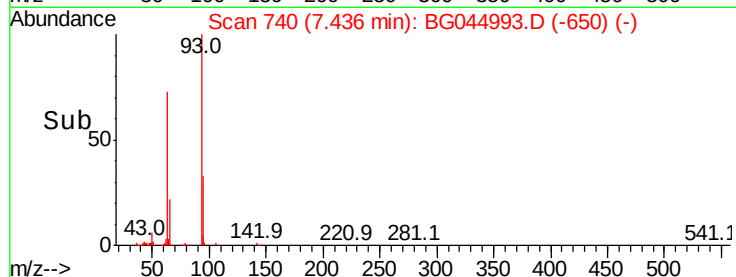
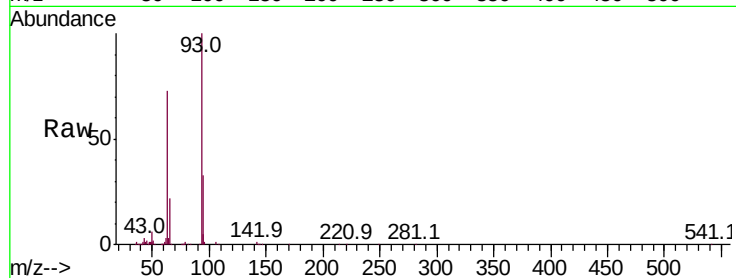
Tot Ion: 93 Resp: 239012

Ion Ratio Lower Upper

93 100

63 72.7 51.8 91.8

95 33.3 13.8 53.8



#12

1,3-Dichlorobenzene

Concen: 46.078 ng

RT: 7.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

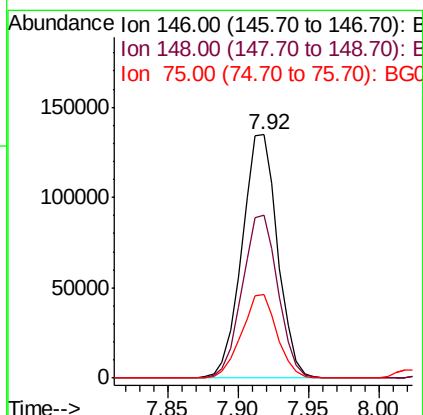
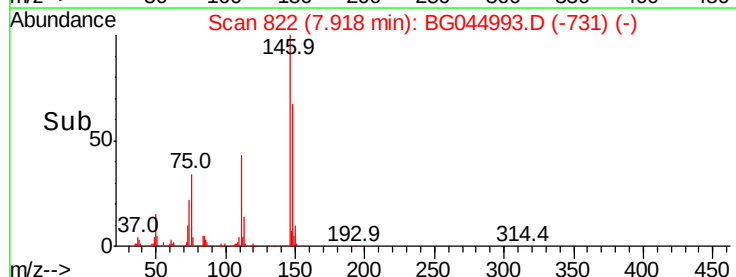
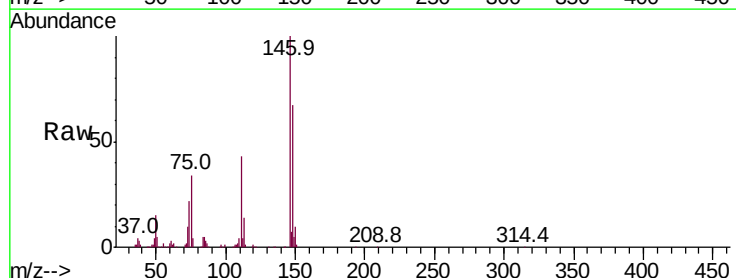
Tgt Ion: 146 Resp: 237560

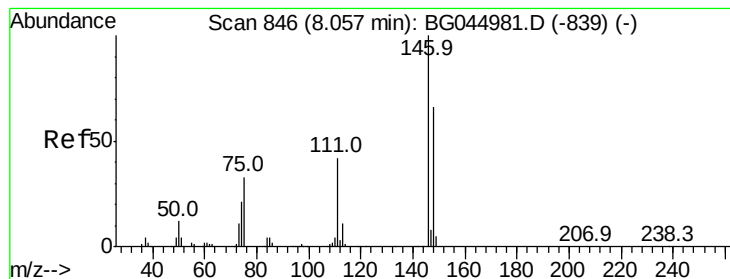
Ion Ratio Lower Upper

146 100

148 66.9 54.6 81.8

75 34.3 26.0 39.0





#13

1,4-Dichlorobenzene

Concen: 46.935 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

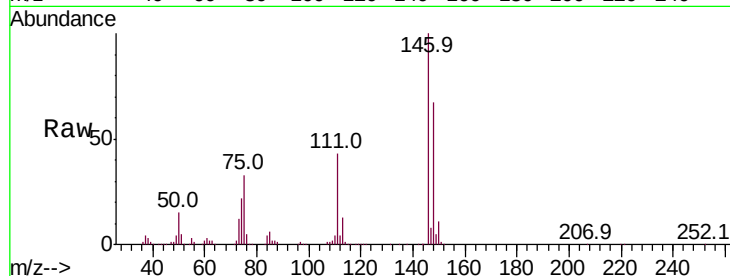
Tot Ion:146 Resp: 241117

Ion Ratio Lower Upper

146 100

148 67.3 53.3 79.9

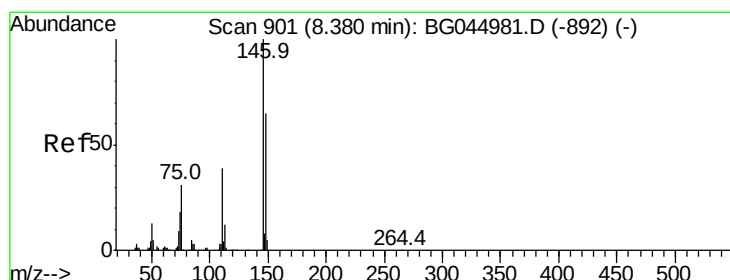
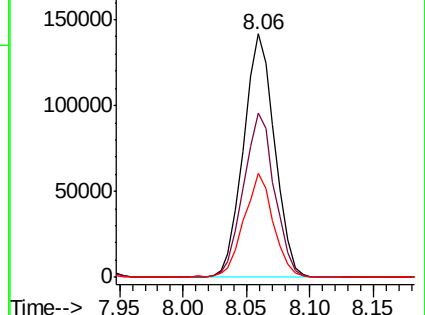
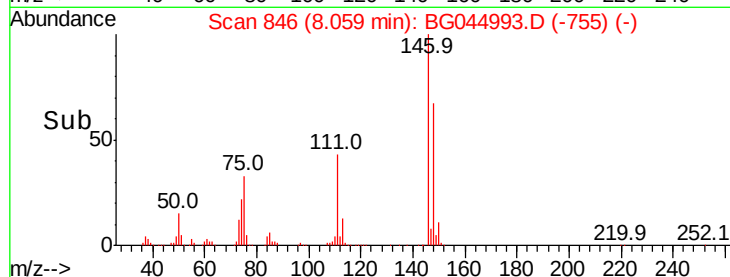
111 42.8 33.8 50.8



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: 46.848 ng

RT: 8.38 min Scan# 901

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

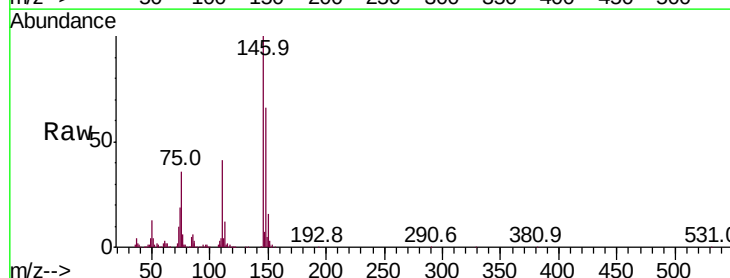
Tgt Ion:146 Resp: 230246

Ion Ratio Lower Upper

146 100

148 65.5 51.9 77.9

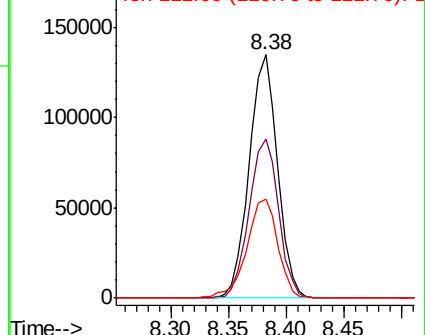
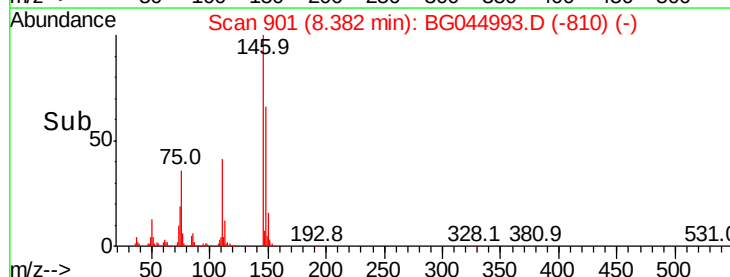
111 40.9 31.3 46.9

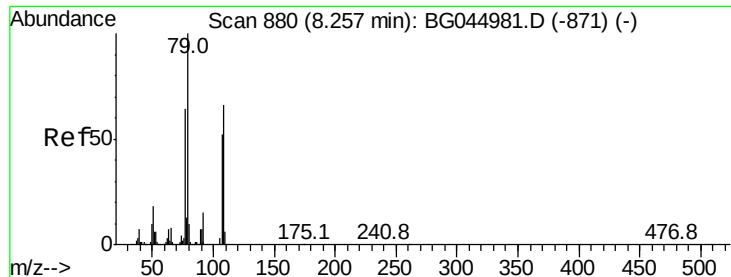


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.264 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

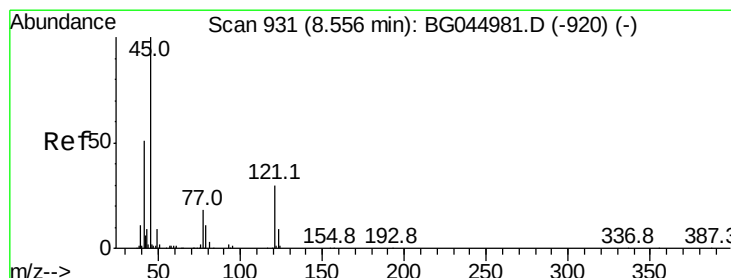
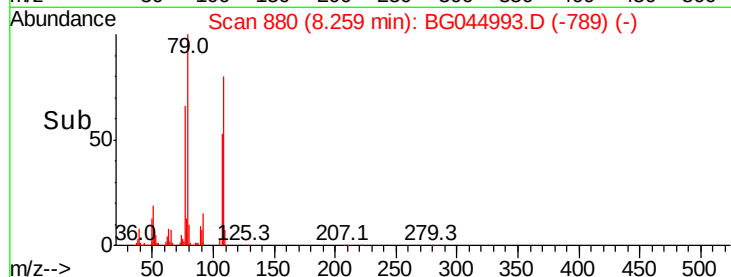
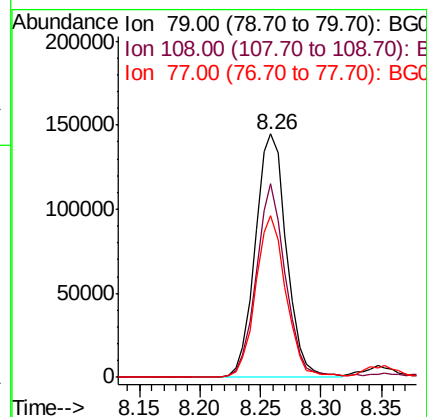
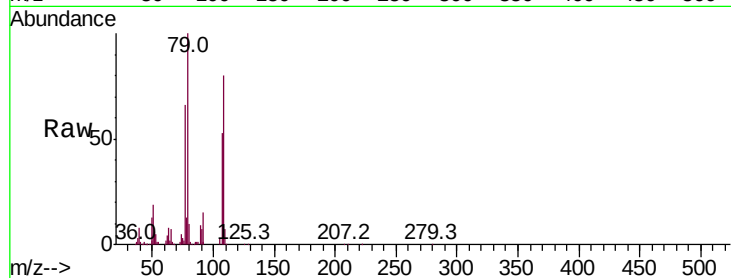
Tot Ion: 79 Resp: 259967

Ion Ratio Lower Upper

79 100

108 79.5 52.7 79.1#

77 66.5 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.768 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

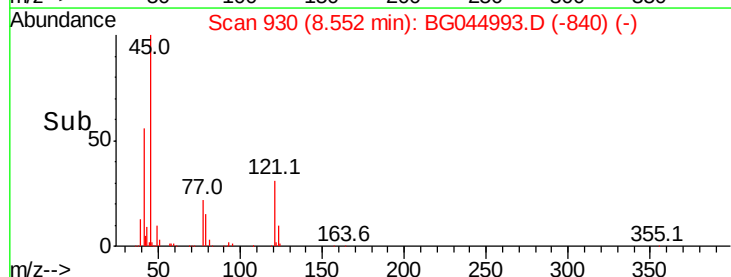
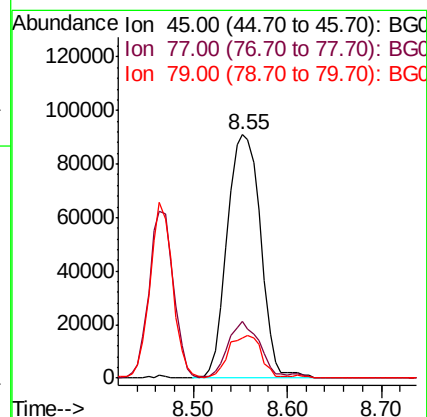
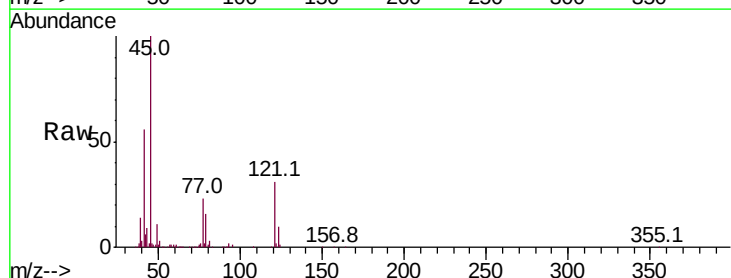
Tgt Ion: 45 Resp: 225962

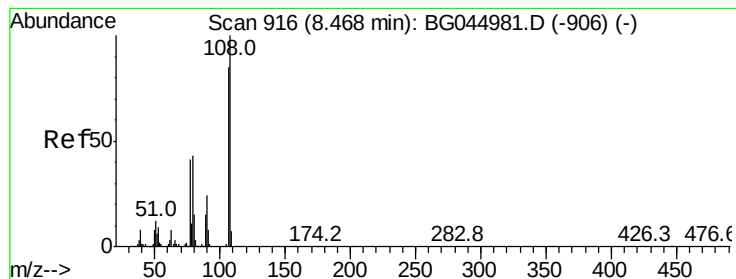
Ion Ratio Lower Upper

45 100

77 23.2 1.9 41.9

79 16.3 0.0 35.5





#17

2-Methylphenol

Concen: 48.643 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

Tot Ion:107 Resp: 227155

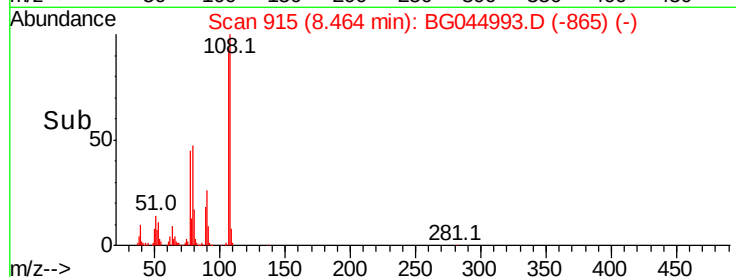
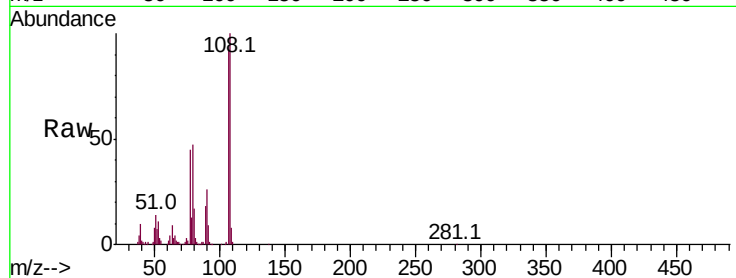
Ion Ratio Lower Upper

107 100

108 108.7 93.8 140.6

77 48.8 38.5 57.7

79 51.4 40.1 60.1



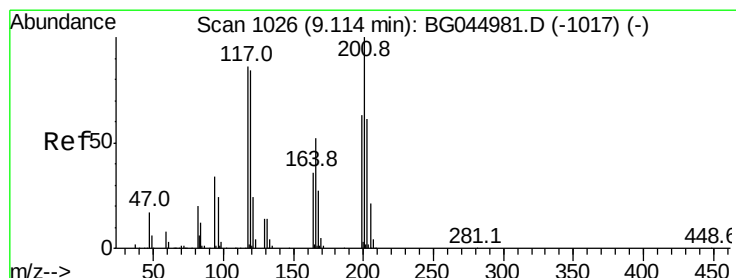
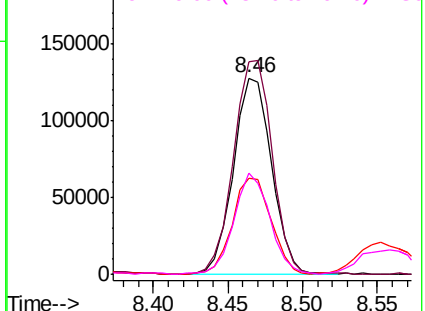
Abundance

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: 45.883 ng

RT: 9.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

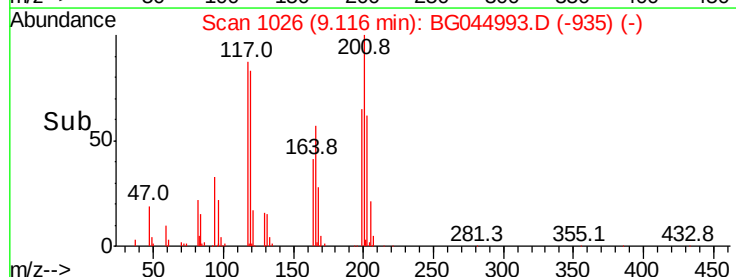
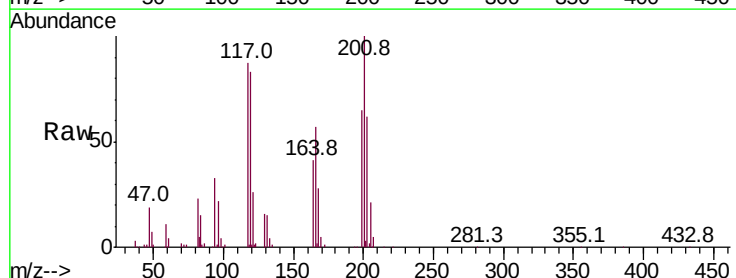
Tgt Ion:117 Resp: 88612

Ion Ratio Lower Upper

117 100

119 95.2 78.3 117.5

201 114.9 92.9 139.3

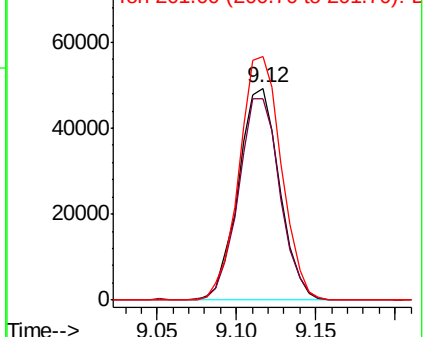


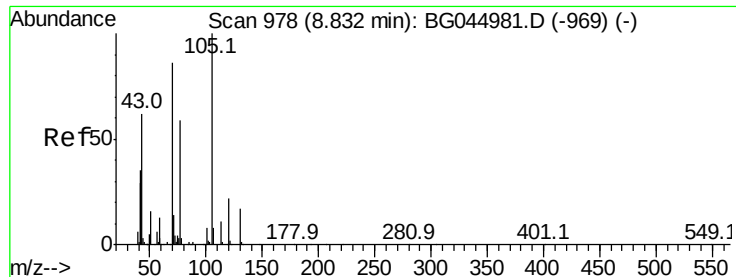
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

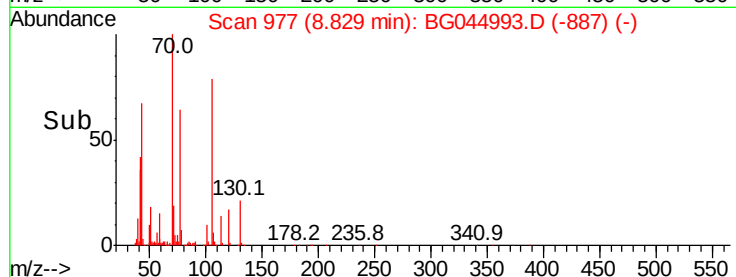
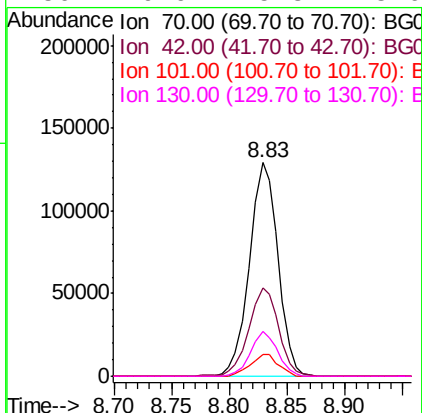
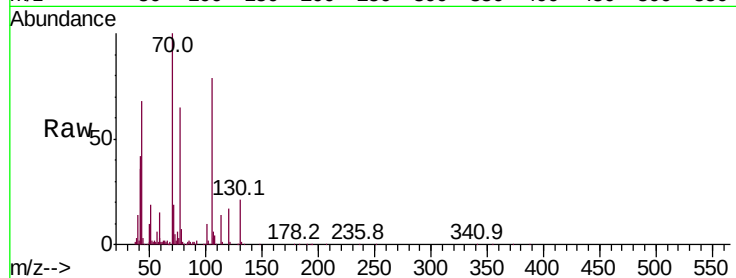




#19
n-Nitroso-di-n-propylamine
Concen: 52.001 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

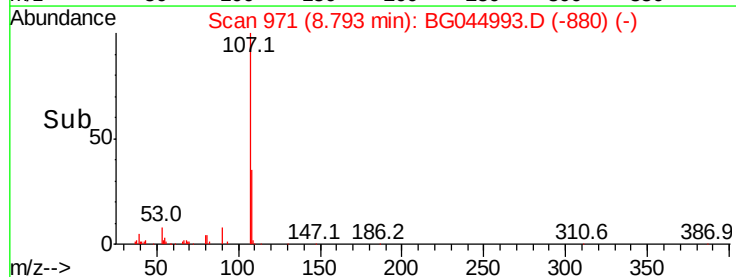
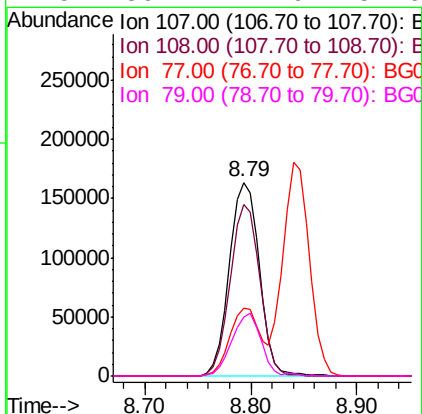
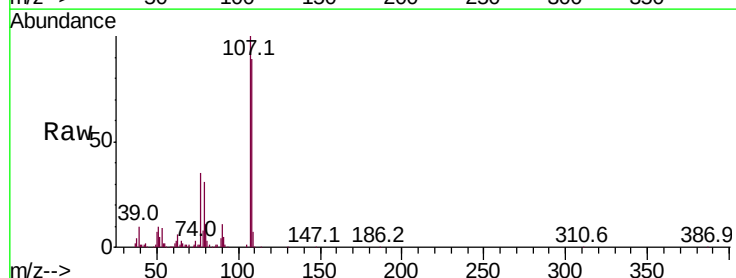
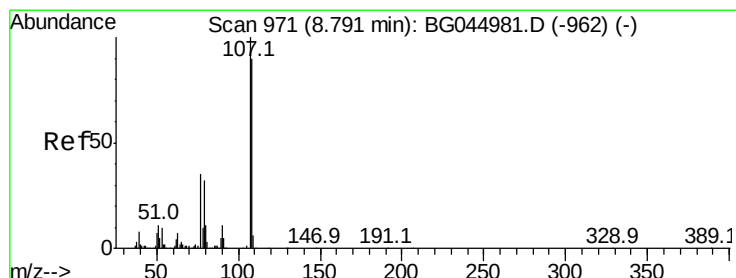
Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

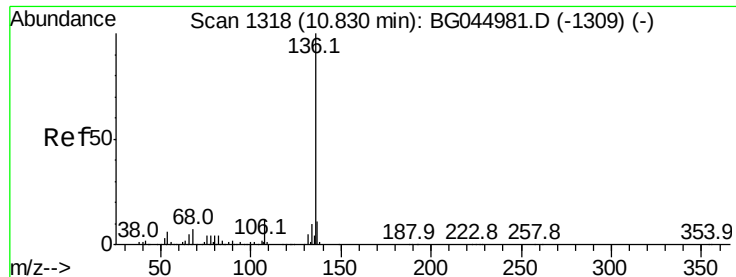
Tot Ion:	70	Resp:	222436
Ion	Ratio	Lower	Upper
70	100		
42	41.5	33.3	49.9
101	10.3	7.8	11.8
130	20.9	15.8	23.6



#20
3+4-Methylphenols
Concen: 49.007 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion:	107	Resp:	320332
Ion	Ratio	Lower	Upper
107	100		
108	88.7	69.9	109.9
77	34.9	15.2	55.2
79	30.7	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

Tot Ion:136 Resp: 273249

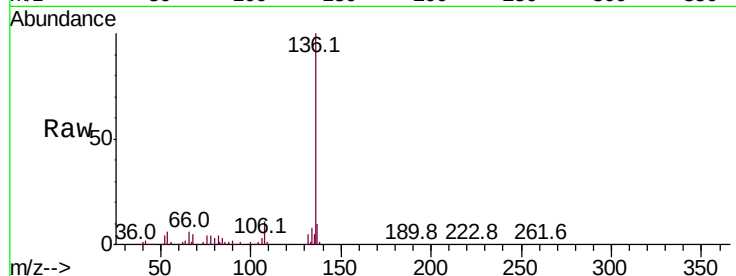
Ion Ratio Lower Upper

136 100

137 10.0 8.6 13.0

54 6.4 4.8 7.2

68 5.3 5.2 7.8

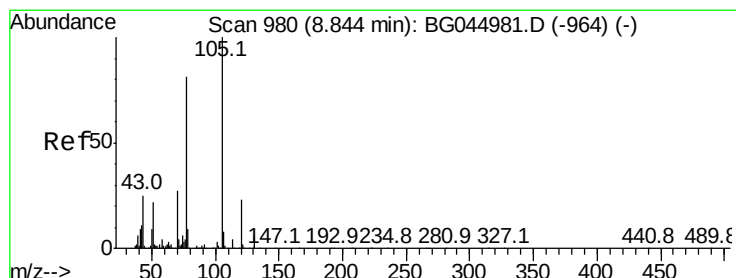
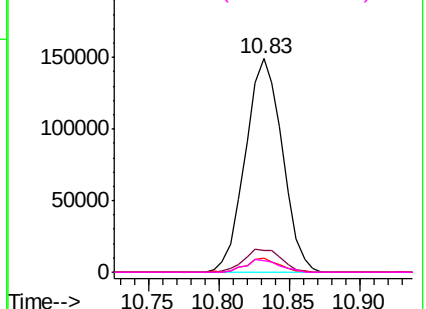
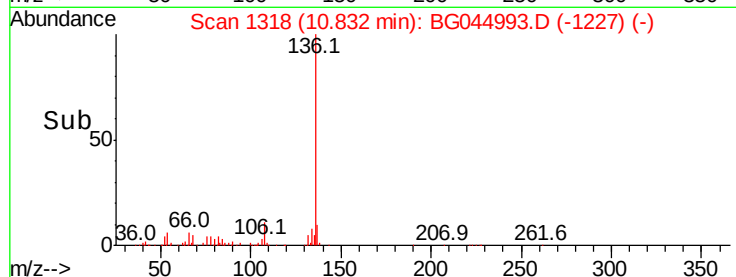


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.413 ng

RT: 8.84 min Scan# 979

Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Tgt Ion:105 Resp: 394686

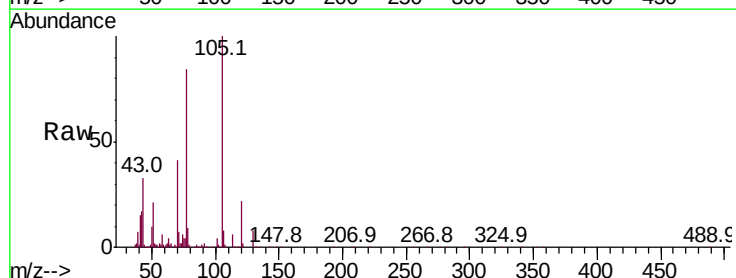
Ion Ratio Lower Upper

105 100

71 6.7 3.3 4.9#

51 20.9 17.3 25.9

120 22.2 18.4 27.6

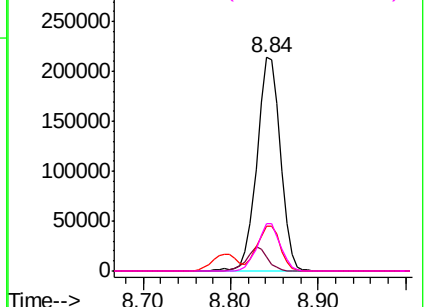
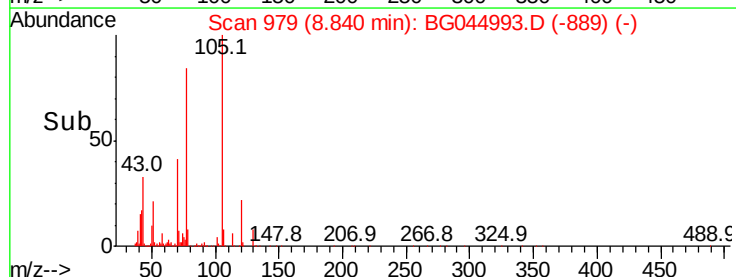


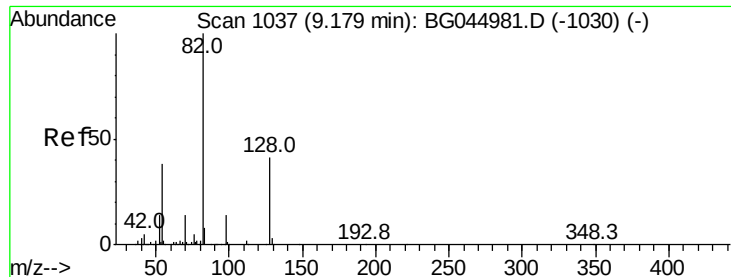
Abundance Ion 105.00 (104.70 to 105.70): E

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

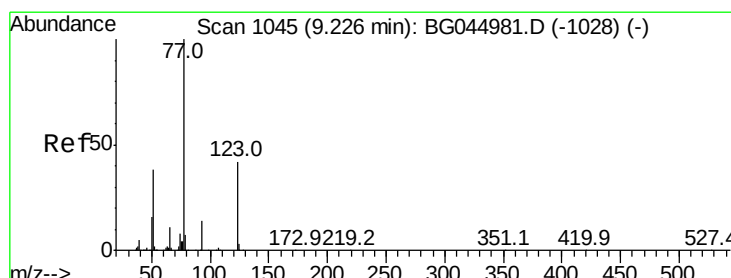
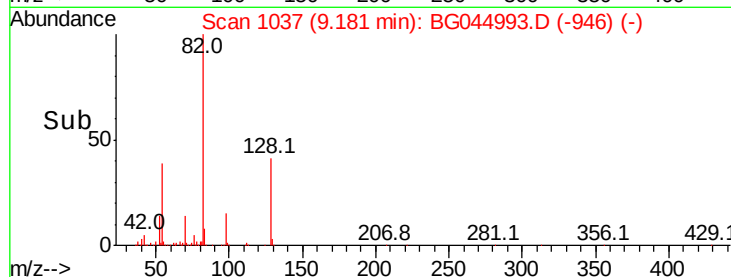
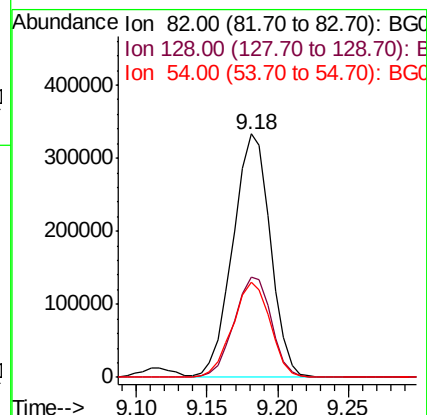
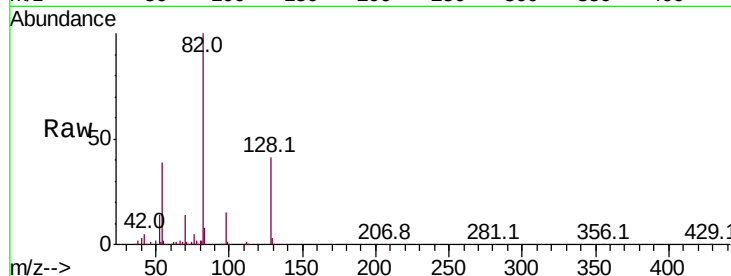




#23
 Nitrobenzene-d5
 Concen: 102.819 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

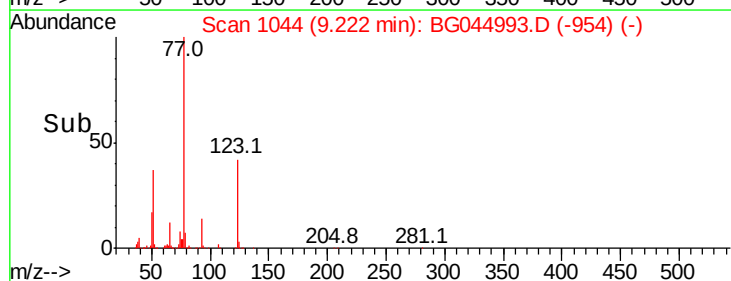
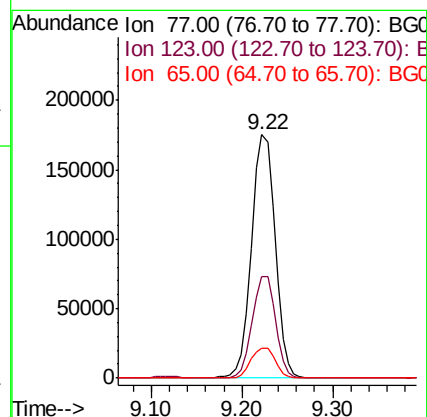
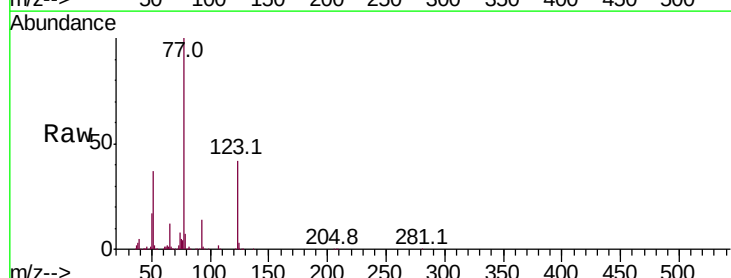
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MS

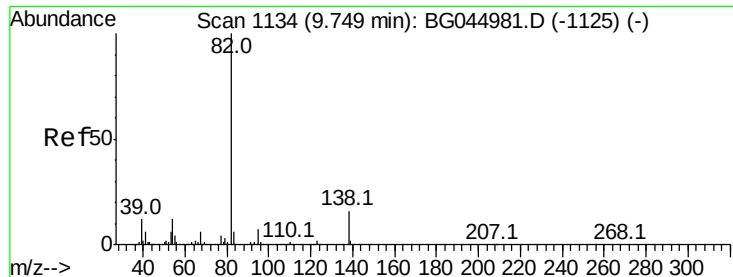
Tot Ion: 82 Resp: 615734
 Ion Ratio Lower Upper
 82 100
 128 41.4 33.0 49.4
 54 38.8 30.4 45.6



#24
 Nitrobenzene
 Concen: 51.852 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Tgt Ion: 77 Resp: 318293
 Ion Ratio Lower Upper
 77 100
 123 41.8 34.3 51.5
 65 12.4 8.9 13.3





#25

Isophorone

Concen: 52.102 ng

RT: 9.75 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

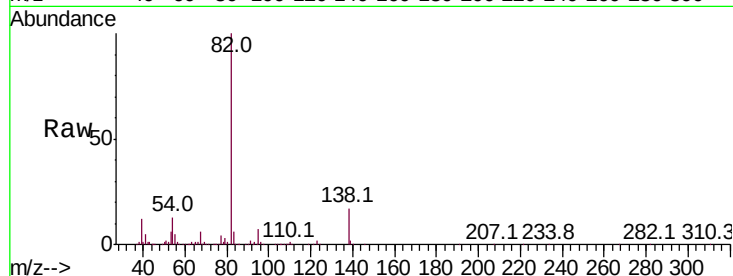
Tot Ion: 82 Resp: 638966

Ion Ratio Lower Upper

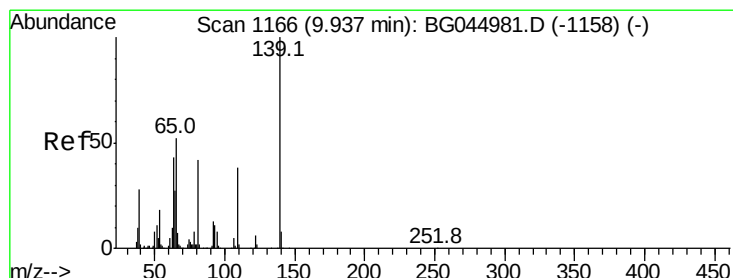
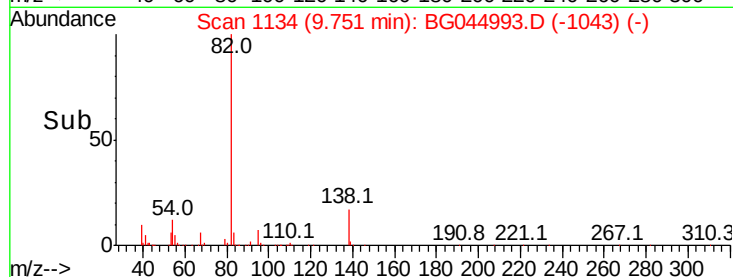
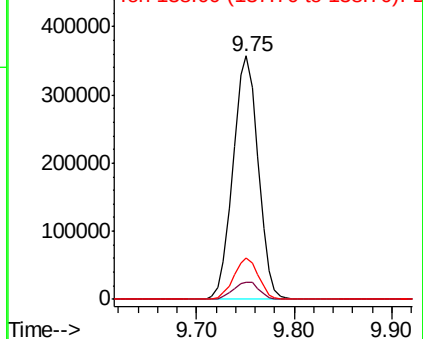
82 100

95 7.1 6.0 9.0

138 17.2 12.7 19.1



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



#26

2-Nitrophenol

Concen: 55.115 ng

RT: 9.94 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

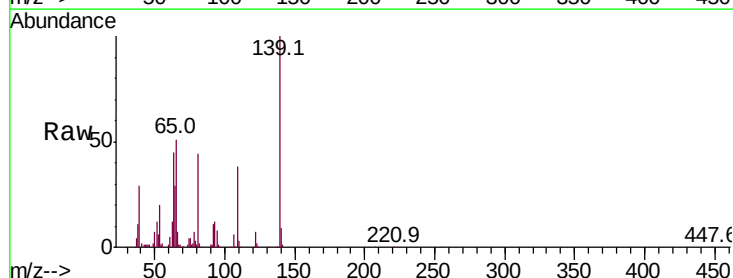
Tgt Ion: 139 Resp: 145731

Ion Ratio Lower Upper

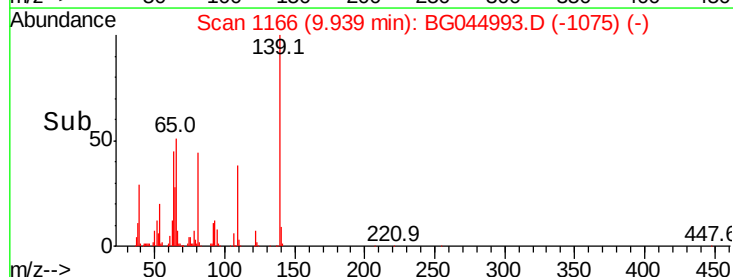
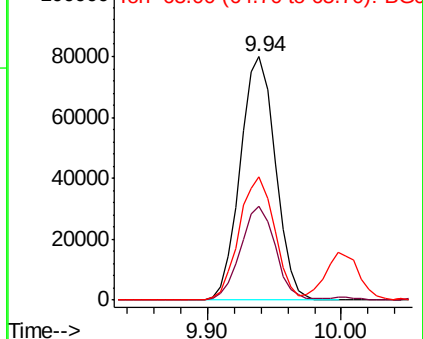
139 100

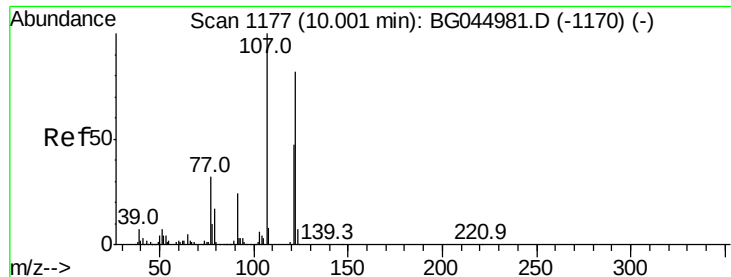
109 38.4 30.6 45.8

65 50.5 41.8 62.6



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

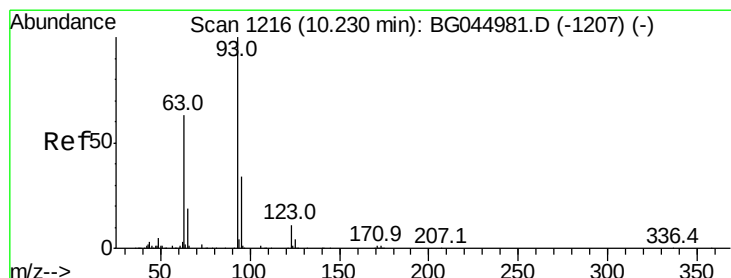
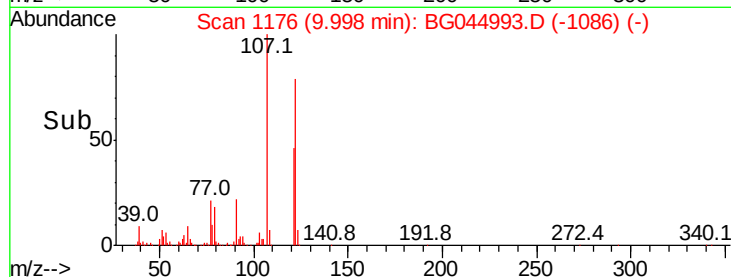
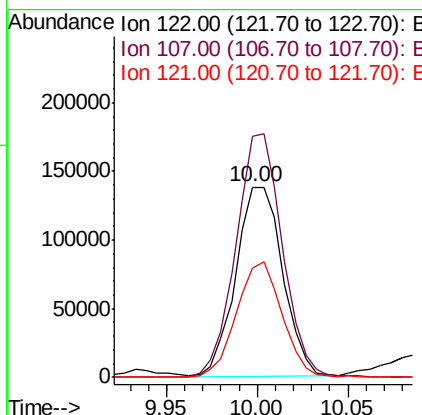
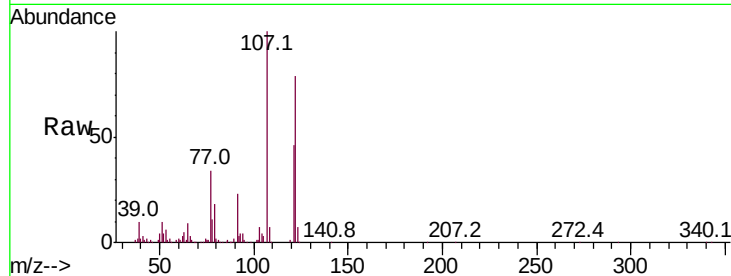




#27
2,4-Dimethylphenol
Concen: 59.403 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

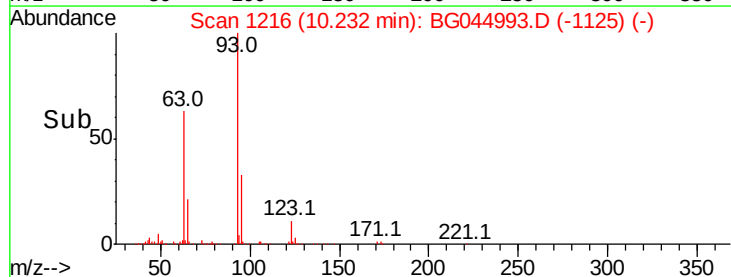
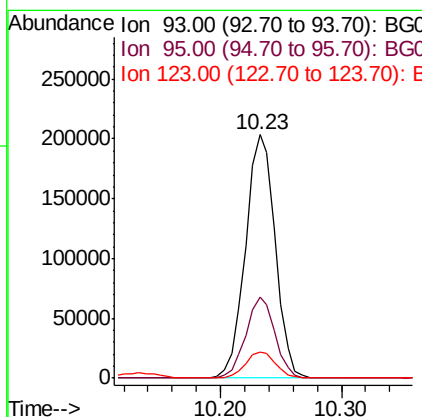
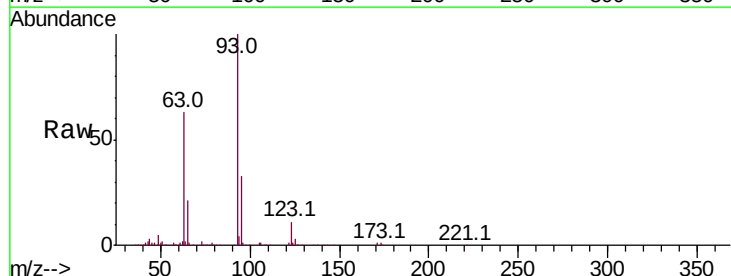
Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

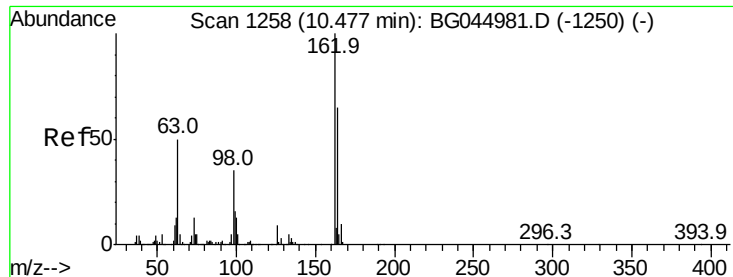
Tot Ion	Ratio	Lower	Upper
122	100		
107	126.3	96.8	145.2
121	57.6	45.6	68.4



#28
bis(2-Chloroethoxy)methane
Concen: 54.124 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	27.0	40.4
123	10.7	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 58.232 ng

RT: 10.48 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

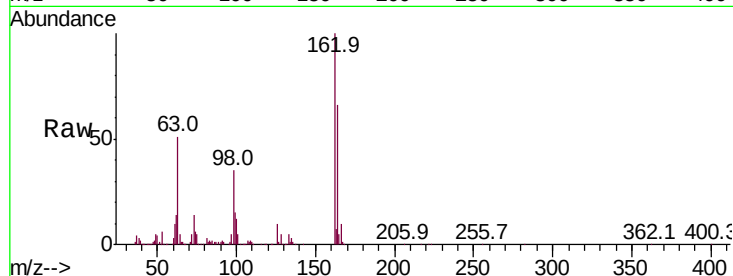
Tot Ion:162 Resp: 282101

Ion Ratio Lower Upper

162 100

164 66.4 45.0 85.0

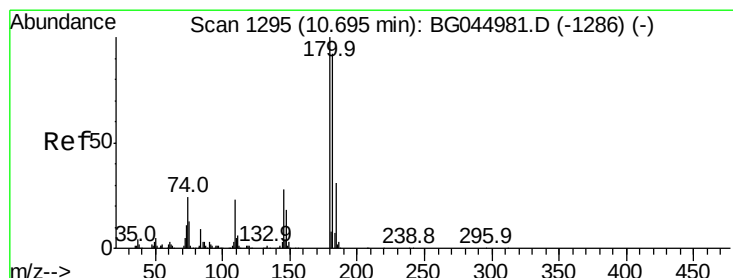
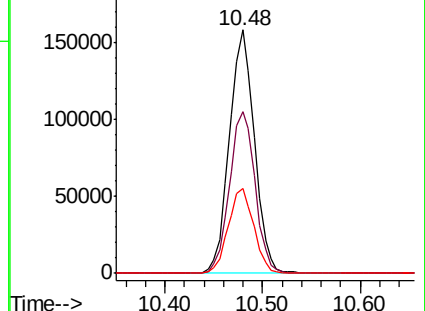
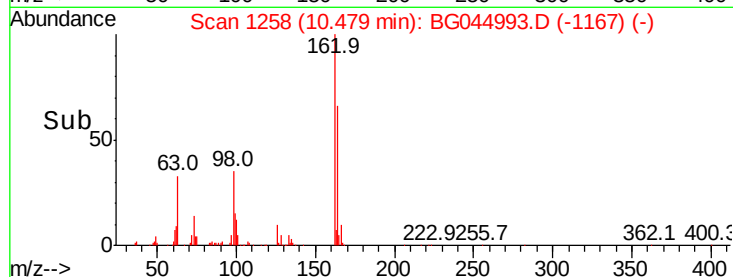
98 34.8 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 49.912 ng

RT: 10.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

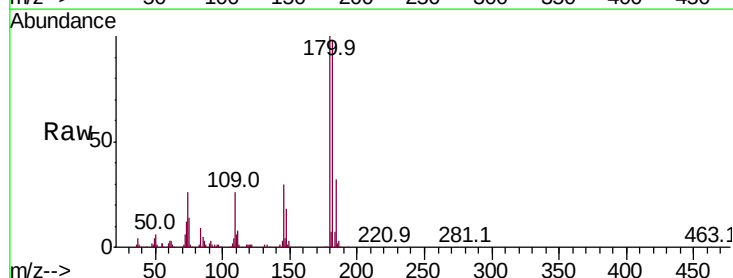
Tgt Ion:180 Resp: 273764

Ion Ratio Lower Upper

180 100

182 97.5 73.3 109.9

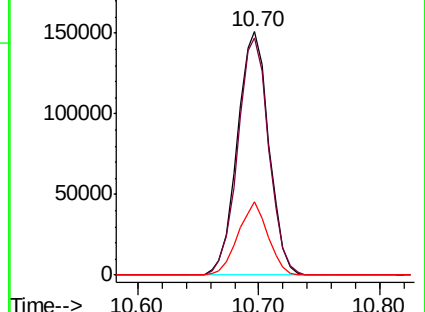
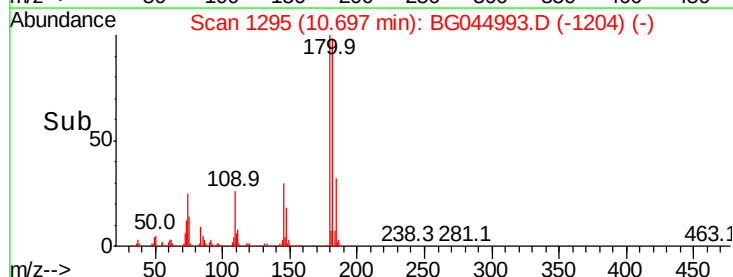
145 30.3 22.6 33.8

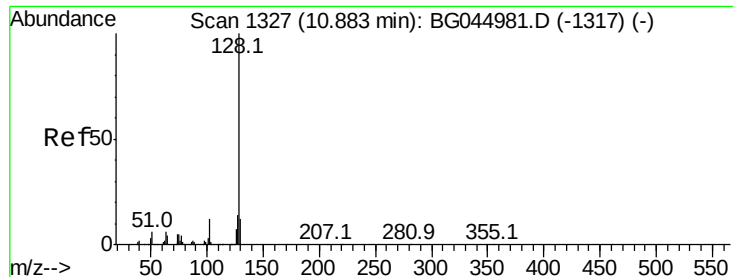


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

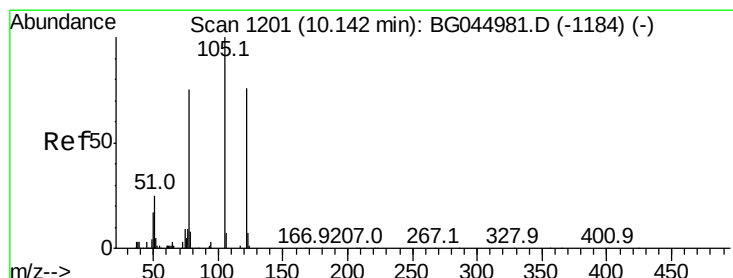
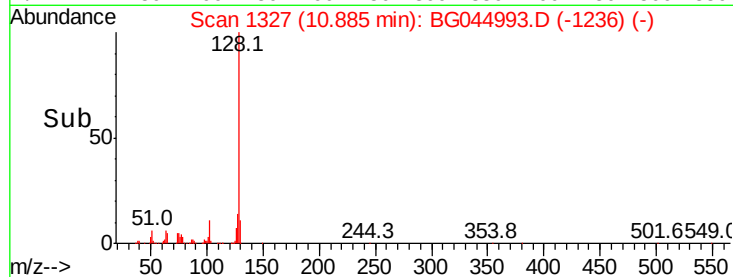
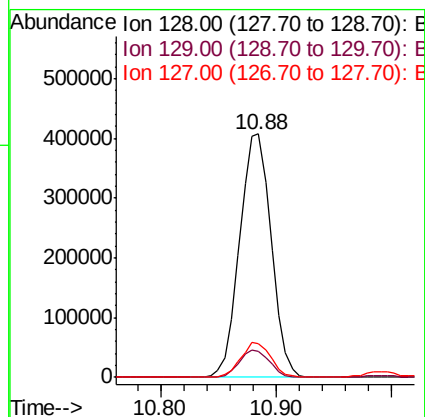
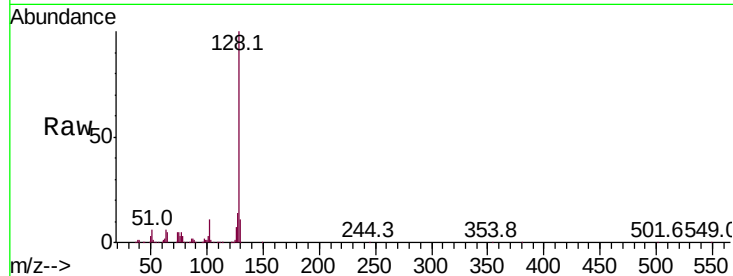




#31
Naphthalene
Concen: 51.571 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

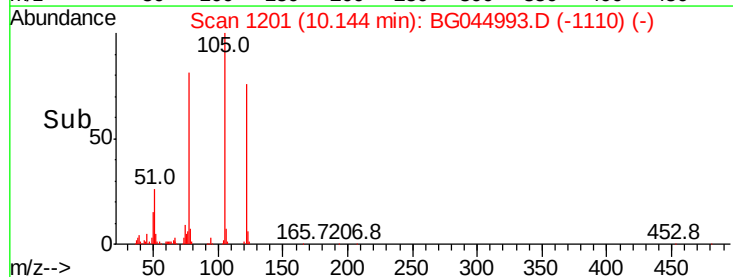
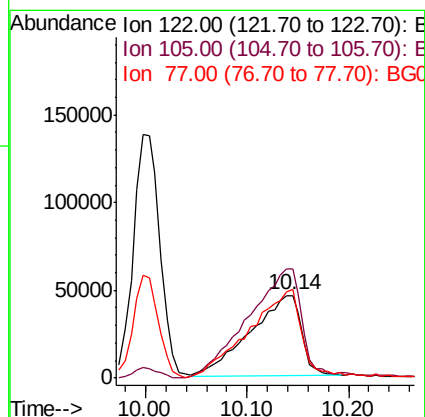
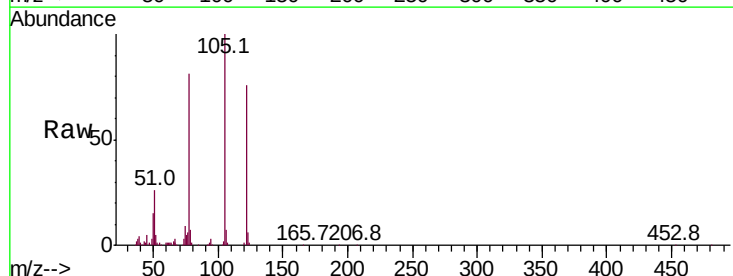
Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

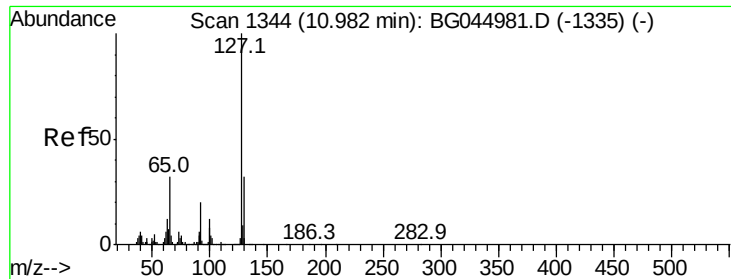
Tot Ion:128 Resp: 770882
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 14.0 10.8 16.2



#32
Benzoic acid
Concen: 47.837 ng
RT: 10.14 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion:122 Resp: 162046
Ion Ratio Lower Upper
122 100
105 131.9 108.4 148.4
77 106.6 78.8 118.8

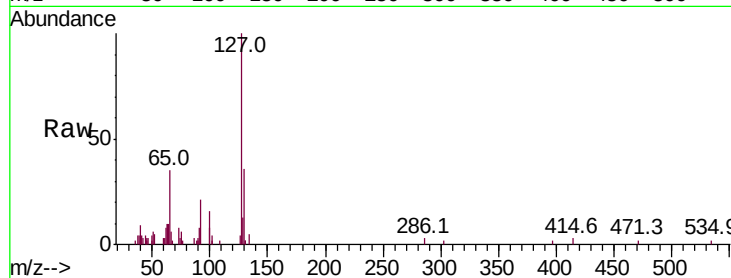




#33
4-Chloroaniline
Concen: 3.039 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

Tot Ion:	127	Resp:	21189
Ion	Ratio	Lower	Upper
127	100		
129	35.6	25.7	38.5
65	34.5	25.4	38.2
92	21.3	16.1	24.1



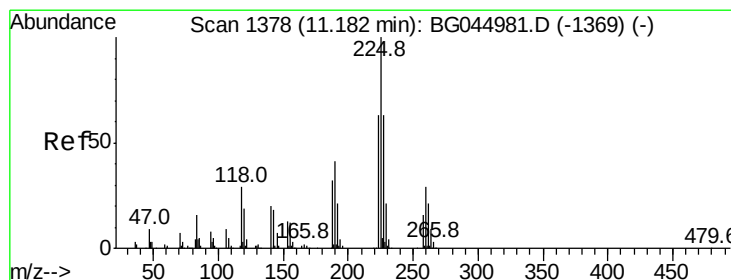
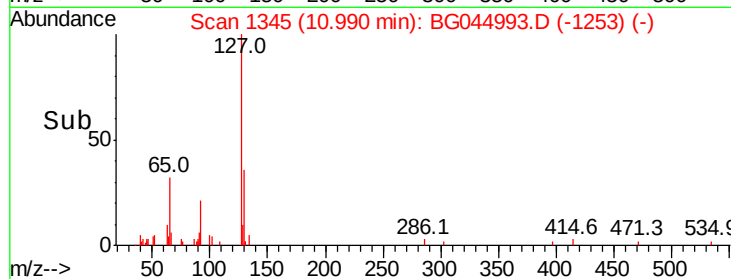
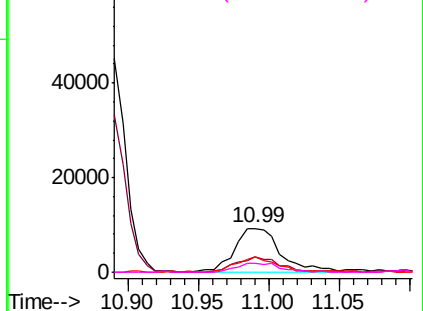
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

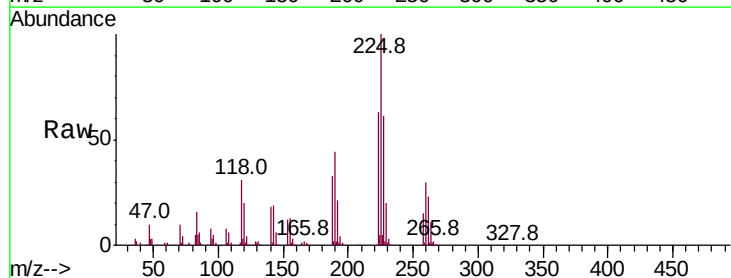
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 48.898 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion:	225	Resp:	183885
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.7	76.1
227	60.5	50.2	75.2

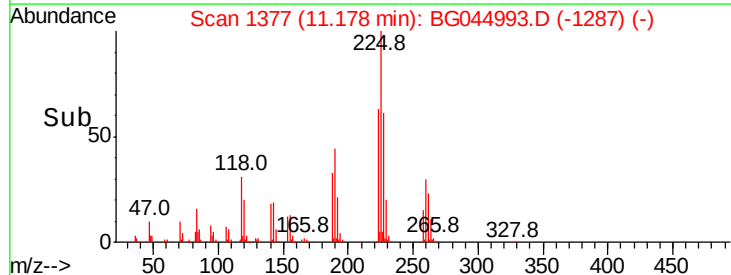
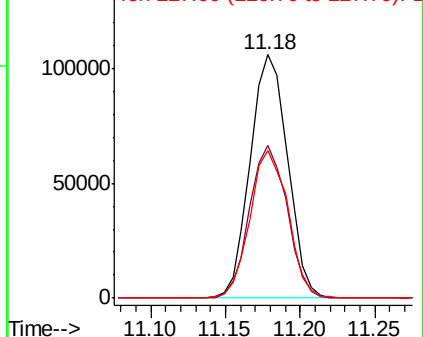


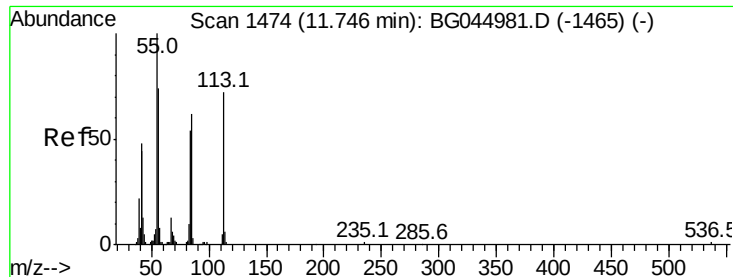
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

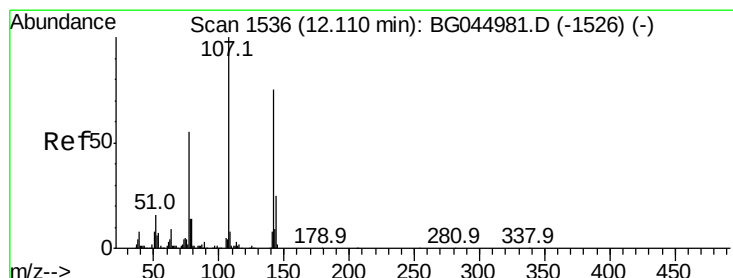
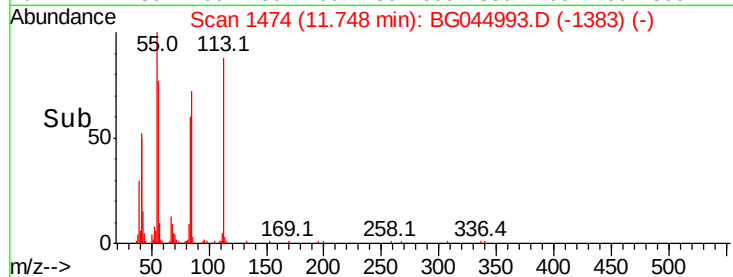
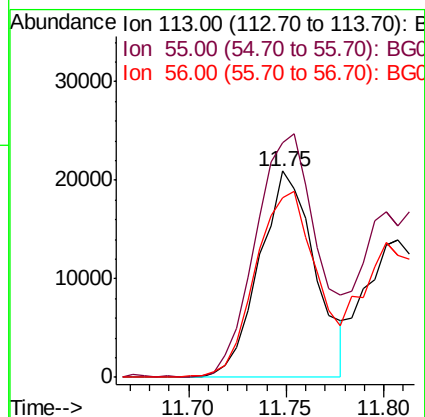
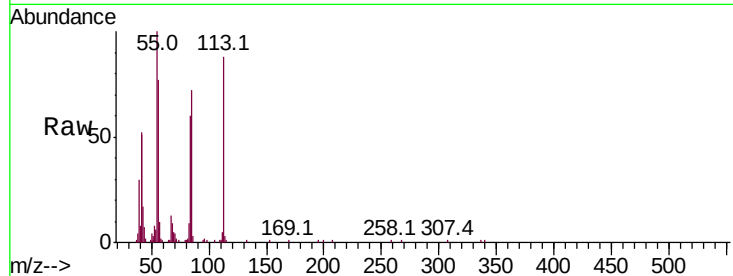




#35
 Caprolactam
 Concen: 21.460 ng
 RT: 11.75 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

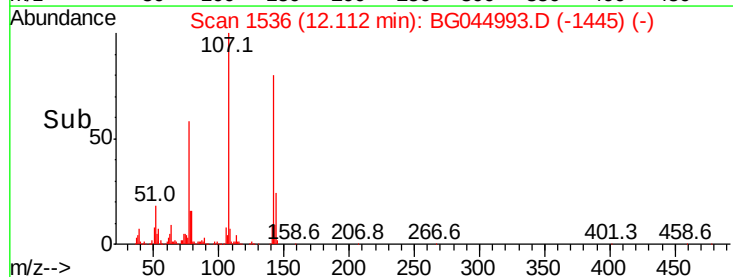
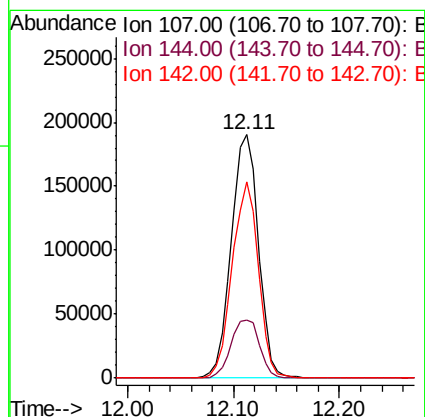
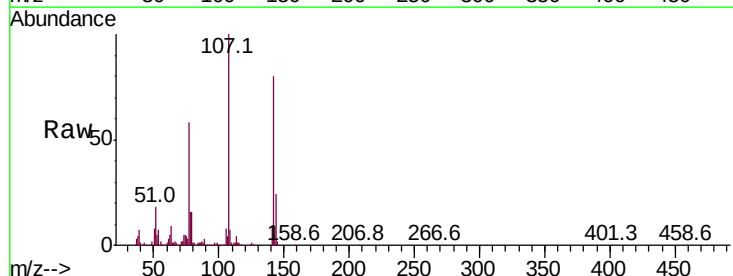
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MS

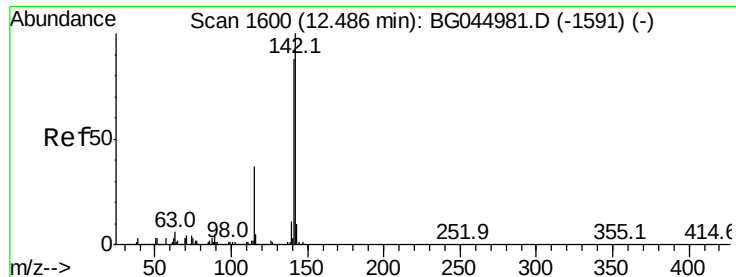
Tot Ion:113 Resp: 41376
 Ion Ratio Lower Upper
 113 100
 55 114.1 118.8 158.8#
 56 87.4 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 59.356 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Tgt Ion:107 Resp: 337795
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.8 29.6
 142 80.5 59.7 89.5

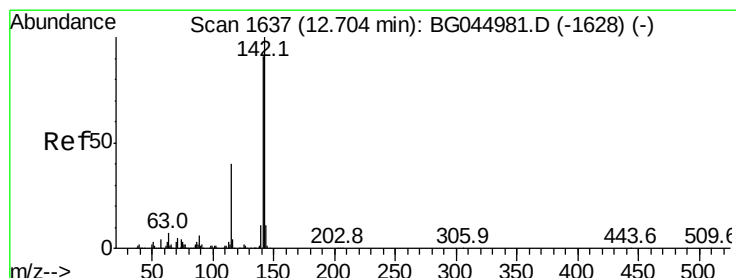
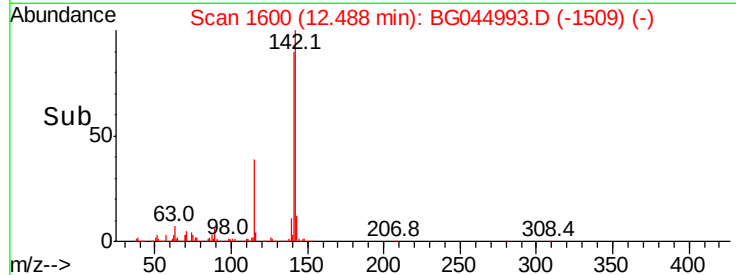
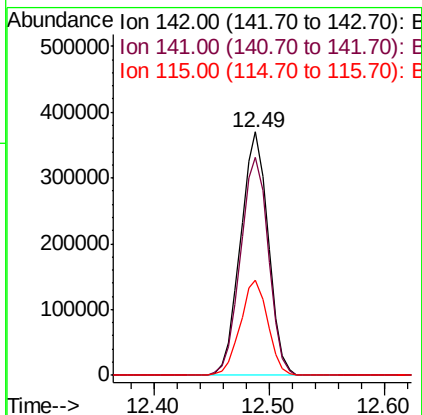
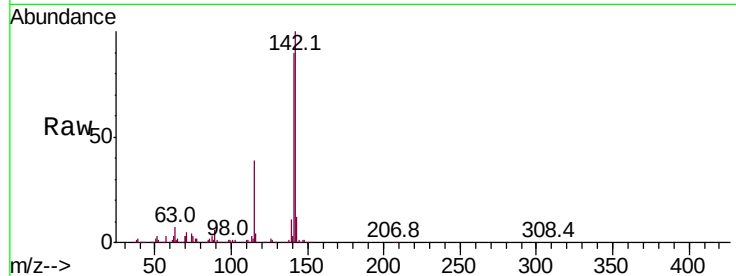




#37
 2-Methylnaphthalene
 Concen: 53.073 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

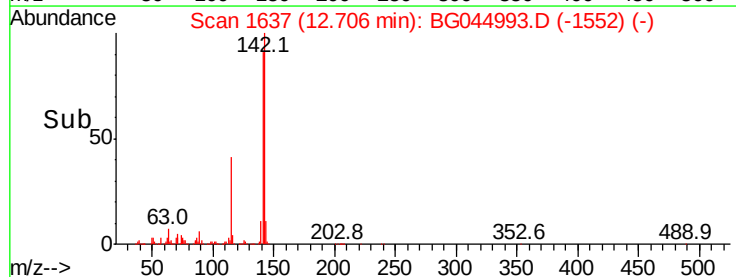
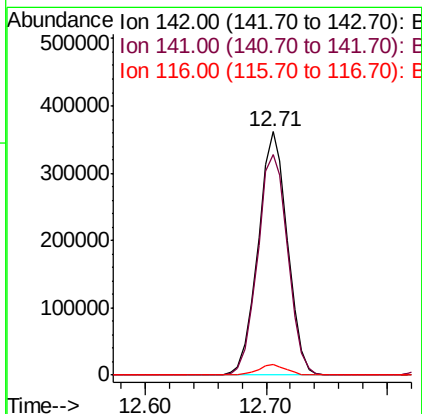
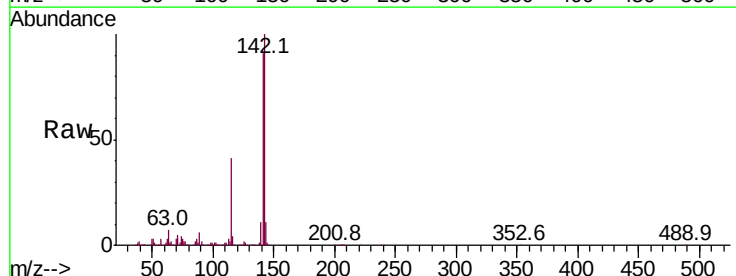
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MS

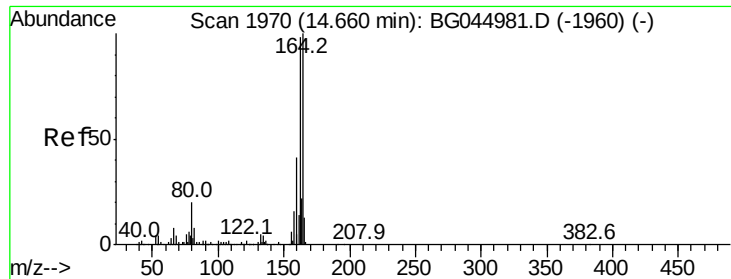
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.3	105.5
115	38.9	29.8	44.6



#38
 1-Methylnaphthalene
 Concen: 55.143 ng
 RT: 12.71 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.7	109.1
116	4.3	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

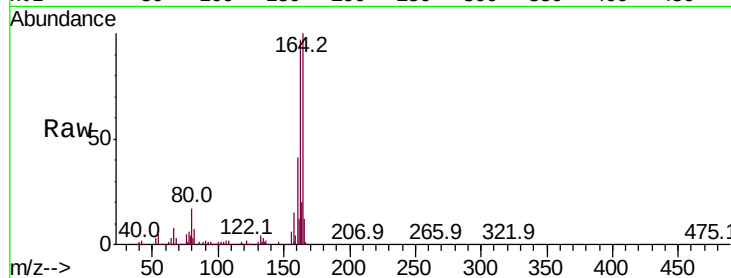
Tot Ion:164 Resp: 221786

Ion Ratio Lower Upper

164 100

162 97.5 78.7 118.1

160 41.0 32.8 49.2

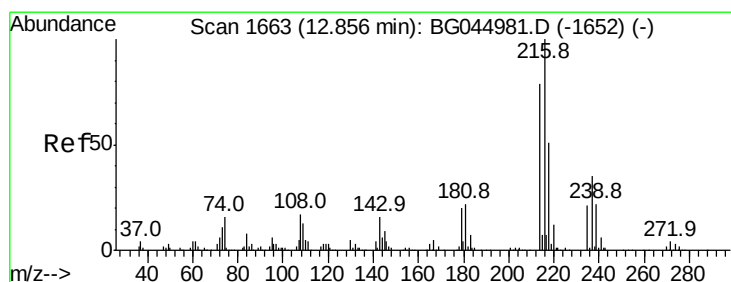
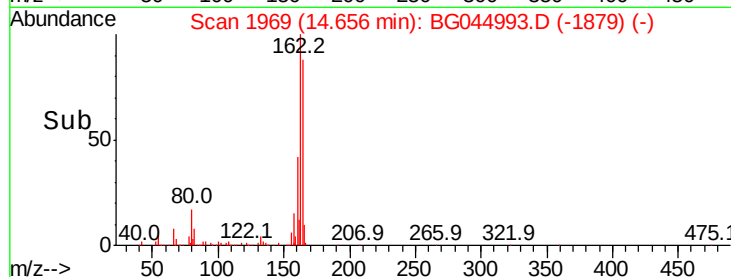
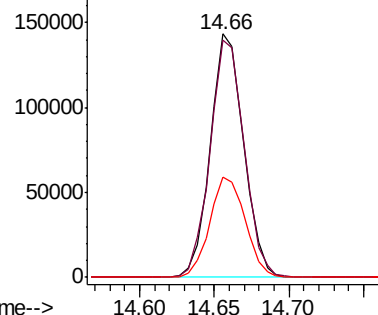


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.226 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Tgt Ion:216 Resp: 337234

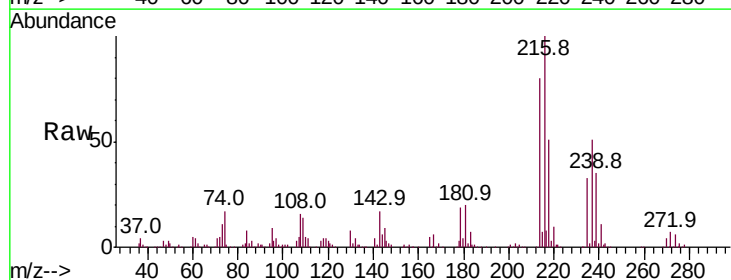
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.6

179 19.8 15.8 23.8

108 19.0 14.2 21.2



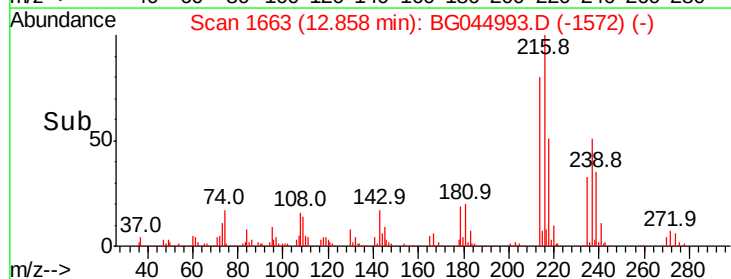
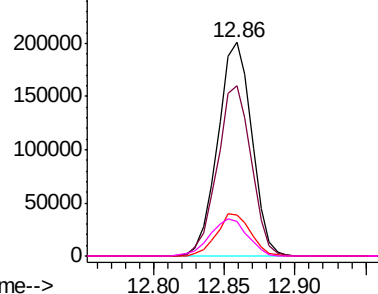
Abundance

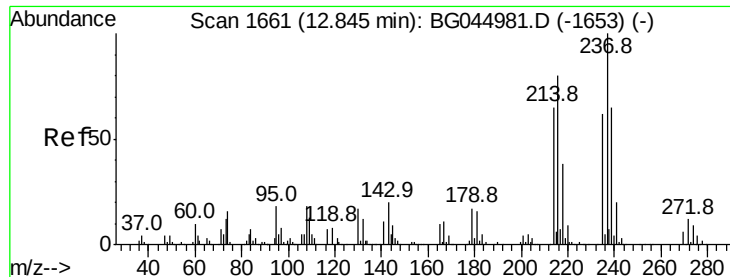
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

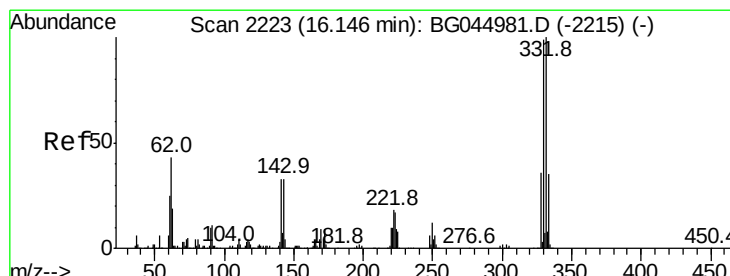
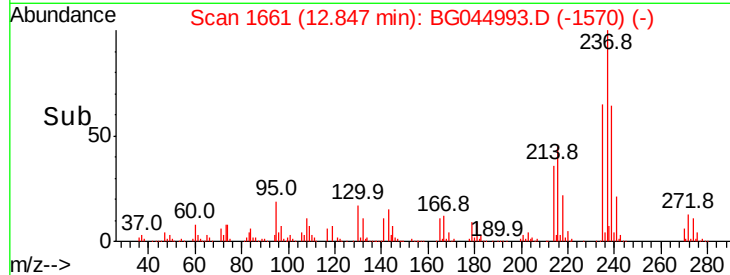
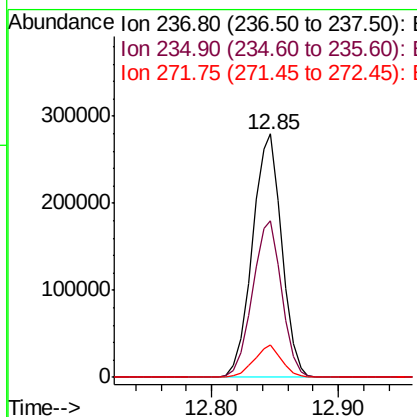
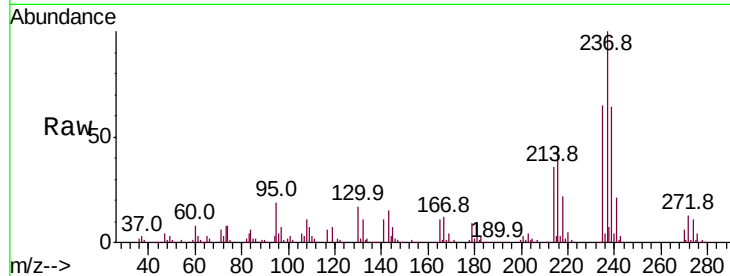




#41
 Hexachlorocyclopentadiene
 Concen: 100.779 ng
 RT: 12.85 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

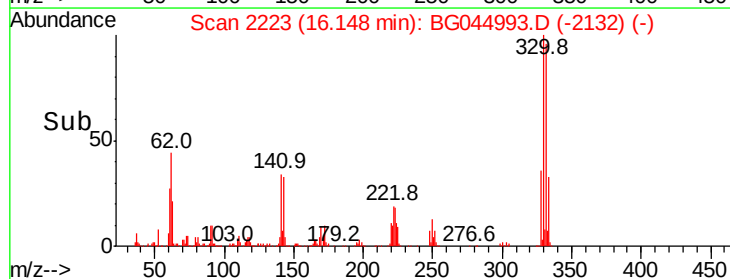
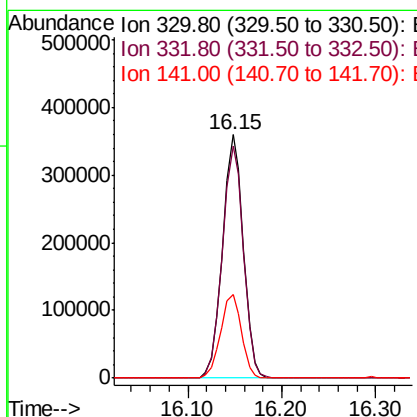
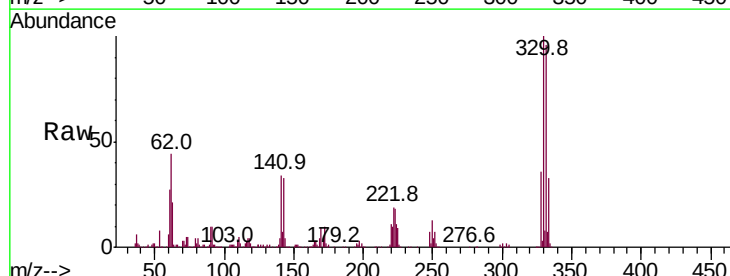
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MS

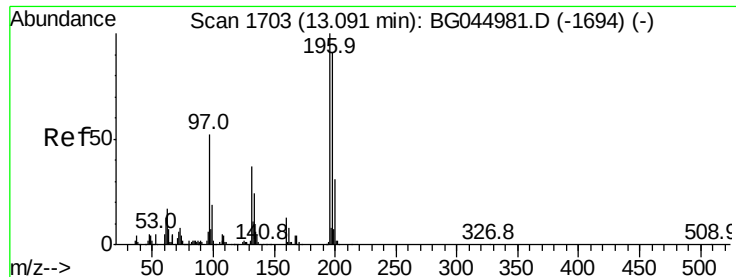
Tot Ion:	237	Resp:	449795
Ion Ratio	Lower	Upper	
237	100		
235	64.5	41.6	81.6
272	13.5	0.0	32.1



#42
 2,4,6-Tribromophenol
 Concen: 161.127 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Tgt Ion:	330	Resp:	552071
Ion Ratio	Lower	Upper	
330	100		
332	97.1	79.1	118.7
141	34.9	27.1	40.7

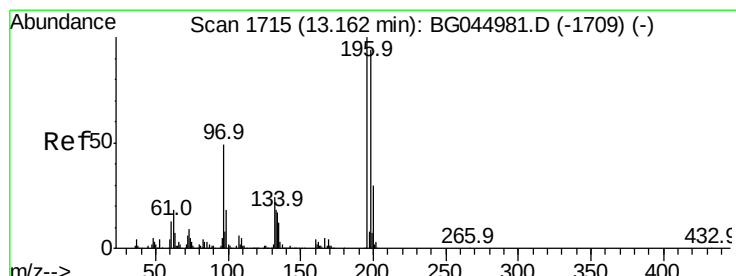
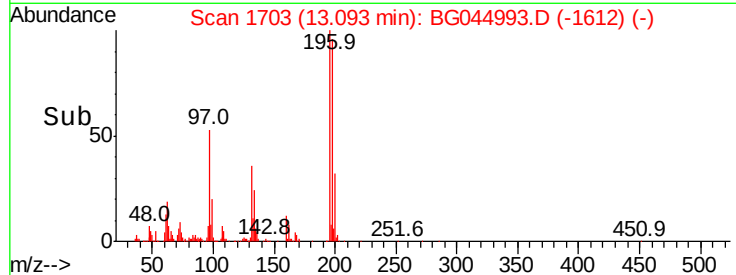
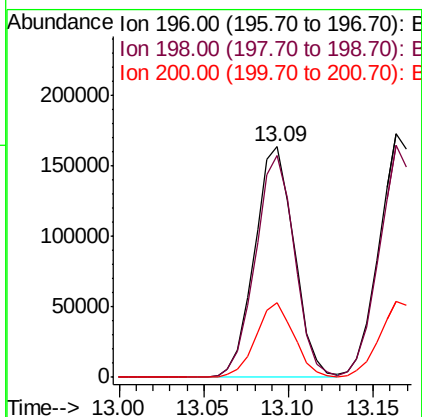
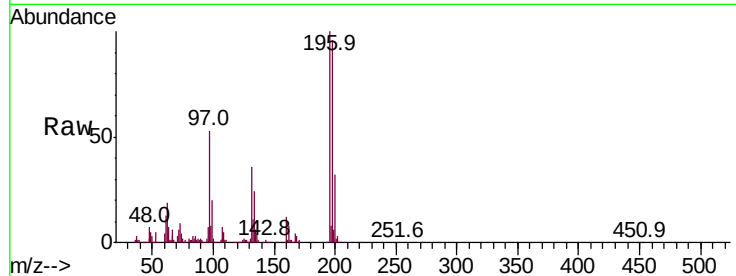




#43
 2,4,6-Trichlorophenol
 Concen: 53.085 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. 0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

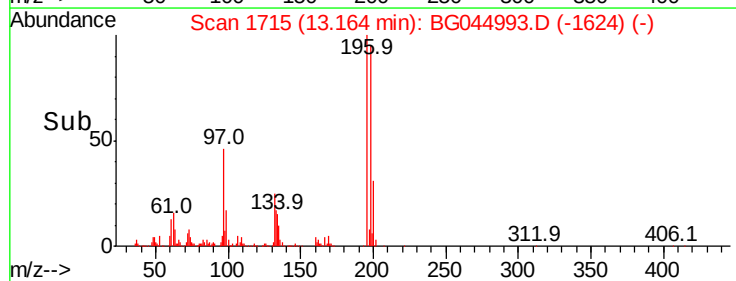
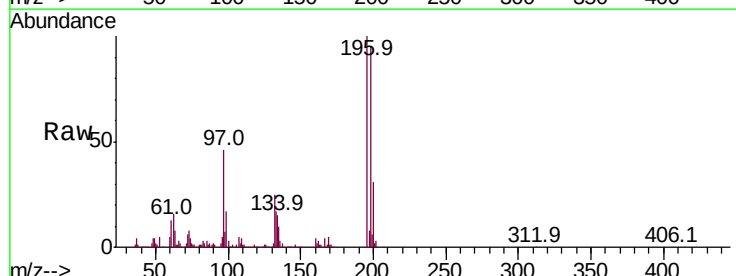
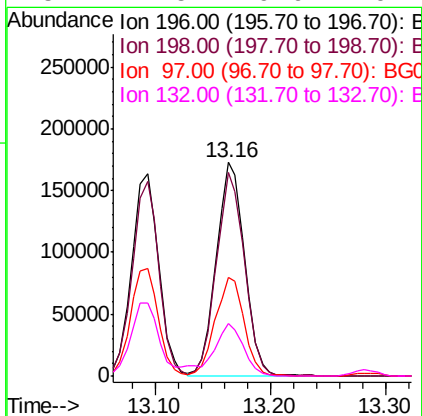
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MS

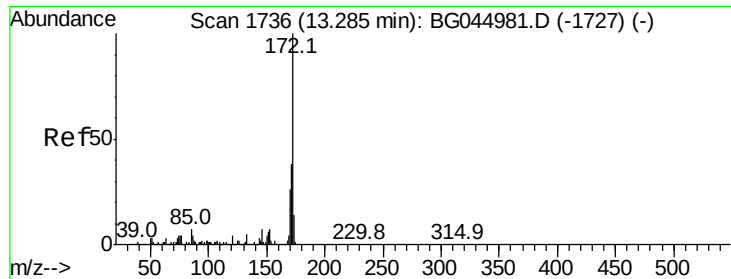
Tot Ion	196	Resp	267540
Ion	Ratio	Lower	Upper
196	100		
198	96.0	72.5	108.7
200	32.1	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 50.940 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Tgt Ion	196	Resp	292225
Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
97	46.3	39.6	59.4
132	24.5	19.6	29.4

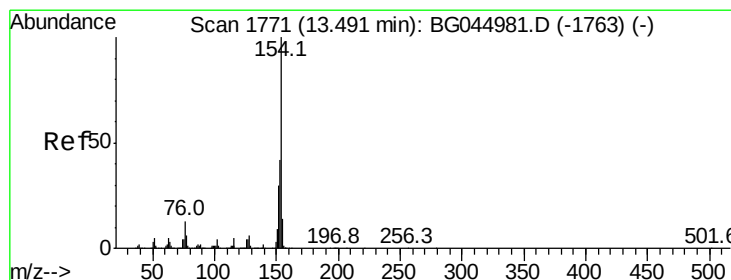
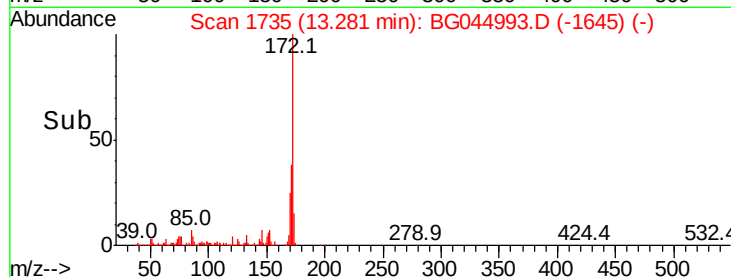
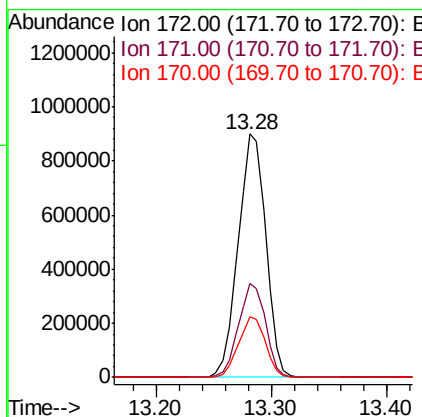
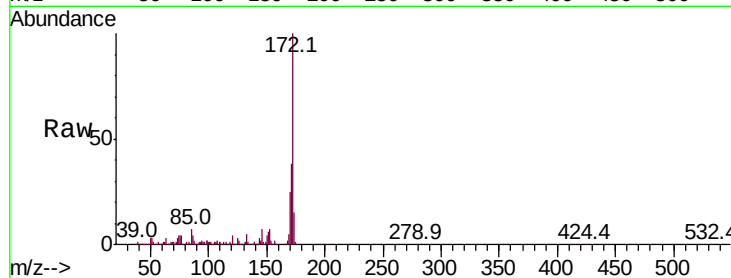




#45
2-Fluorobiphenyl
Concen: 98.524 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

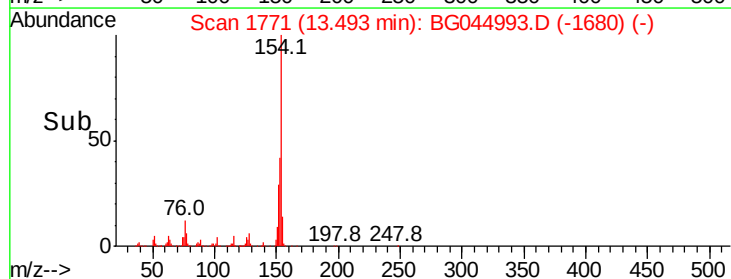
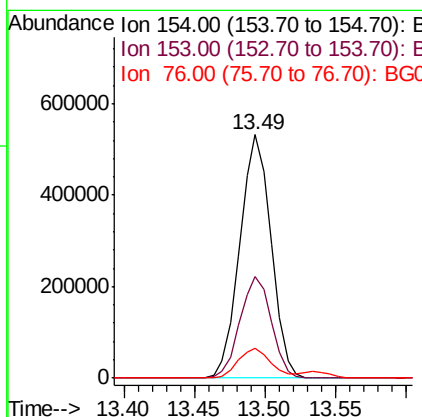
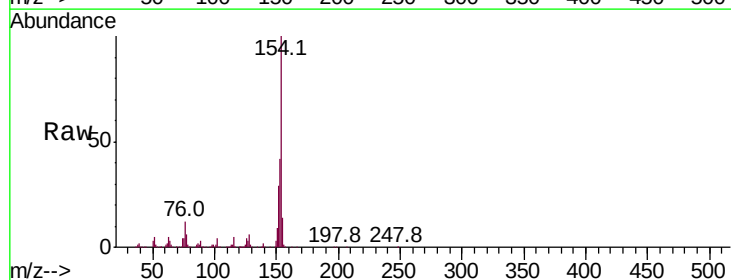
Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

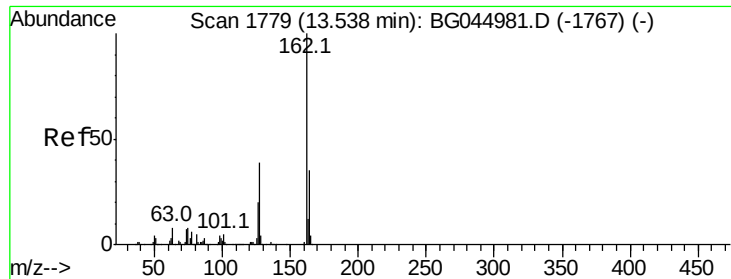
Tot Ion:172 Resp: 1490215
Ion Ratio Lower Upper
172 100
171 38.5 30.6 46.0
170 25.0 20.5 30.7



#46
1,1'-Biphenyl
Concen: 48.899 ng
RT: 13.49 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion:154 Resp: 824309
Ion Ratio Lower Upper
154 100
153 41.8 21.9 61.9
76 12.0 0.0 33.1

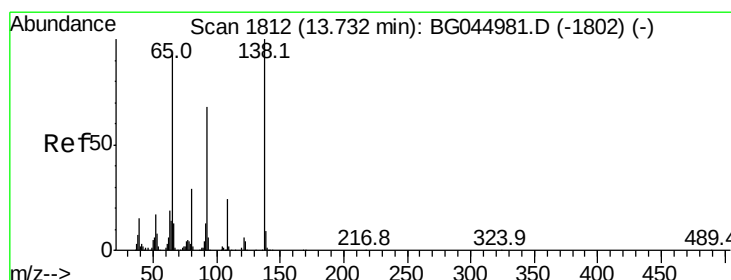
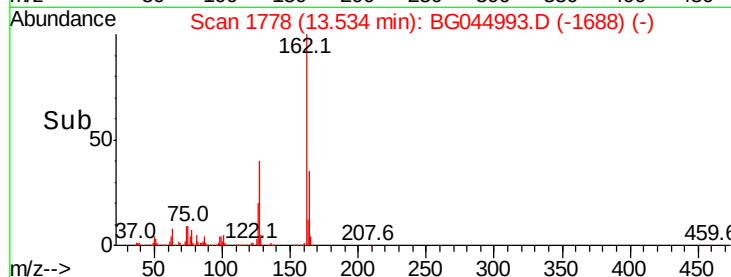
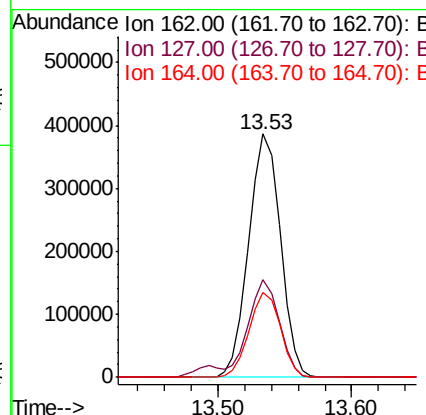
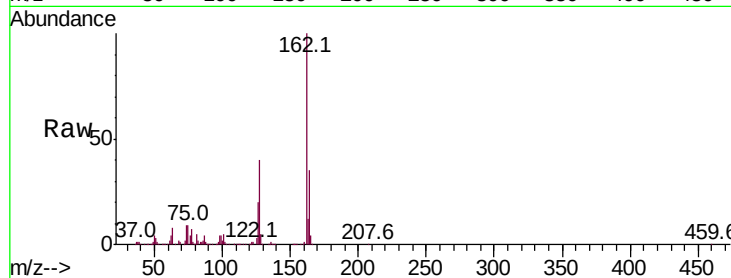




#47
 2-Chloronaphthalene
 Concen: 49.280 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

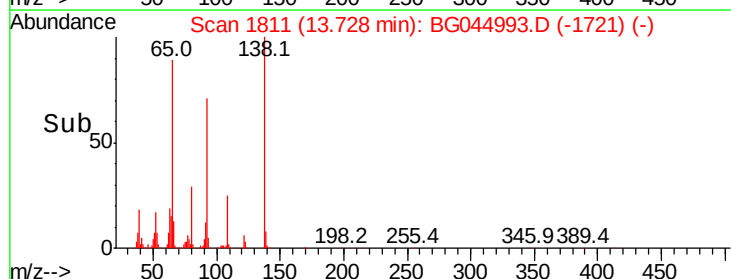
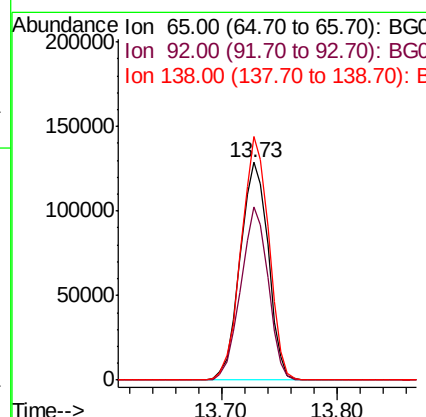
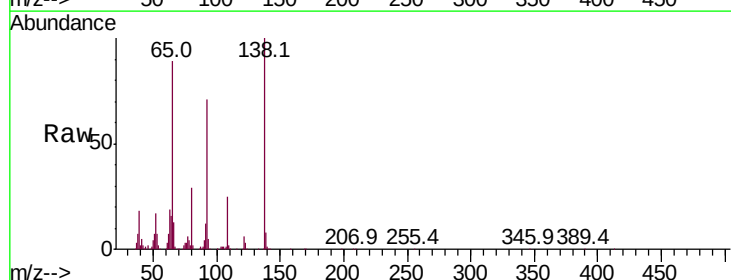
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MS

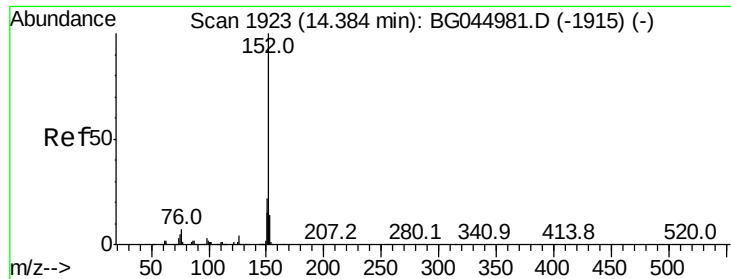
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.3	46.9
164	34.7	27.8	41.8



#48
 2-Nitroaniline
 Concen: 51.120 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	79.3	58.3	87.5
138	111.8	85.6	128.4





#49

Acenaphthylene

Concen: 52.131 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

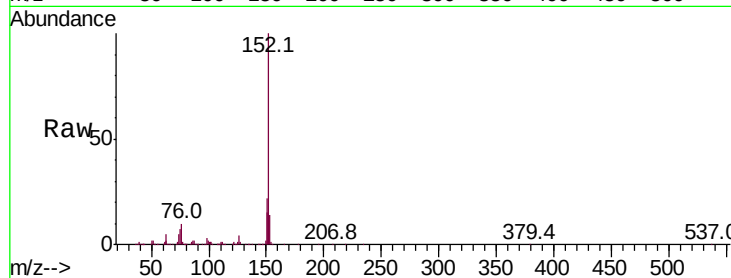
BNA_G

ClientSampleId :

TR-04-041420MS

Tot Ion:152 Resp: 1093746

Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.2	25.8
153	14.2	11.0	16.4

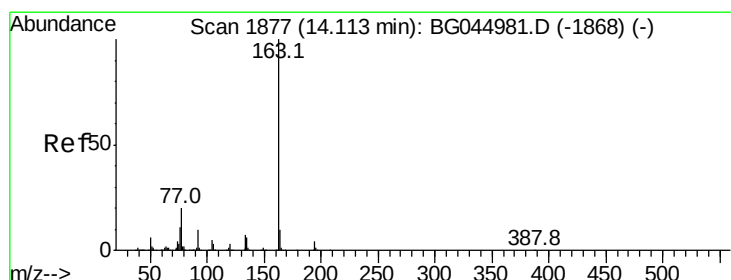
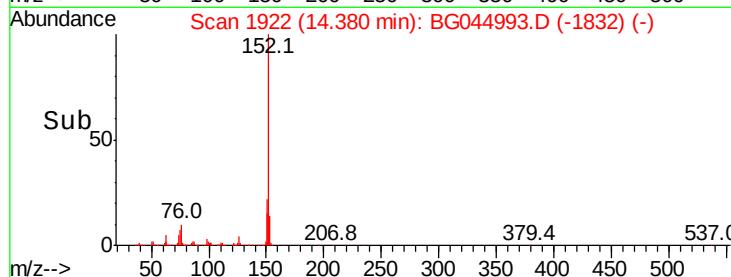
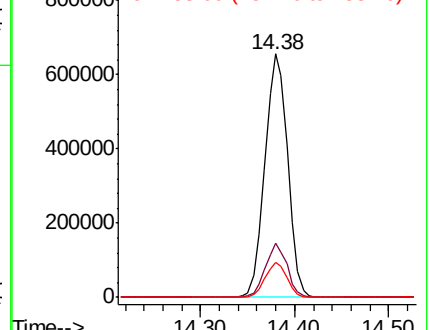


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 53.012 ng

RT: 14.12 min Scan# 1877

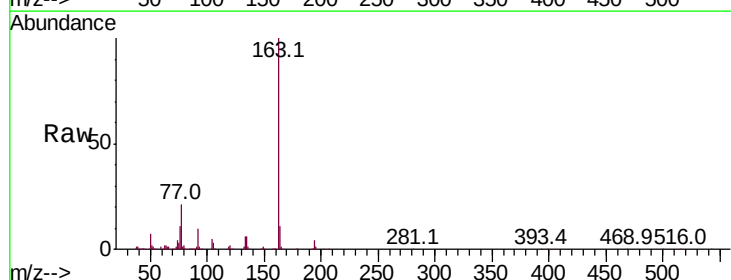
Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Tgt Ion:163 Resp: 957338

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	11.1	8.2	12.4

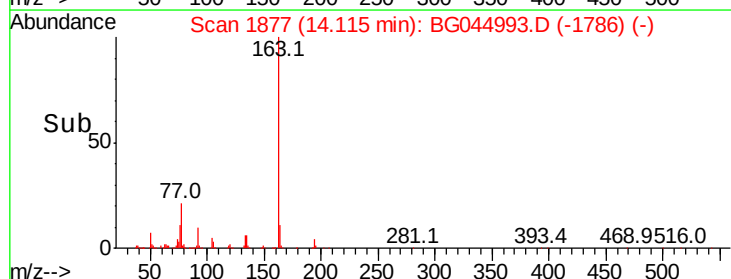
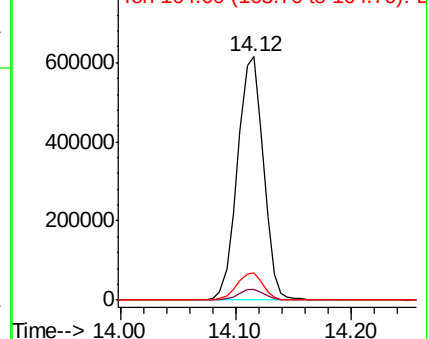


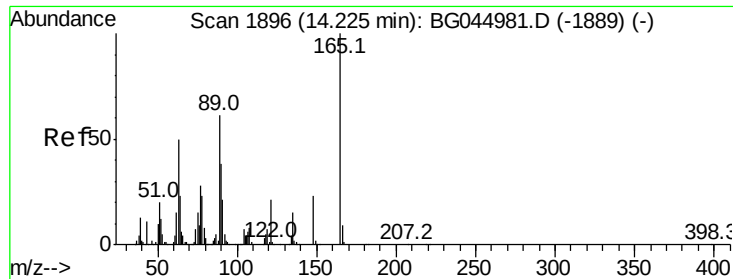
Abundance

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: 54.791 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

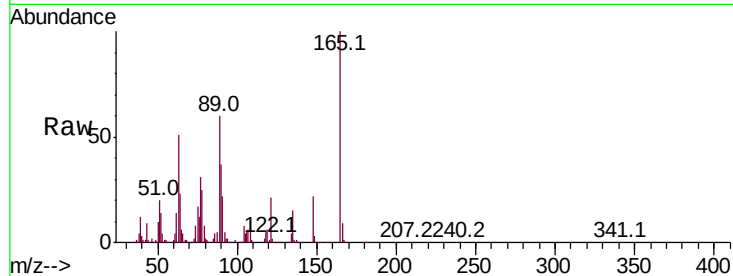
Tot Ion:165 Resp: 221314

Ion Ratio Lower Upper

165 100

63 50.5 40.4 60.6

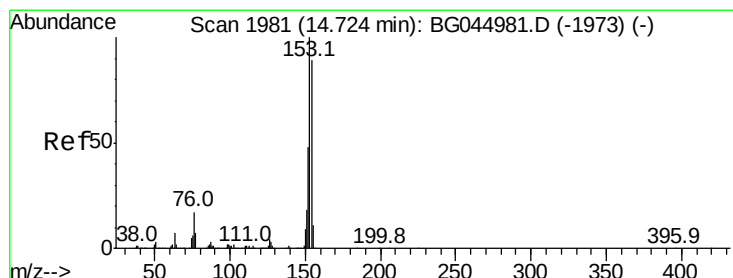
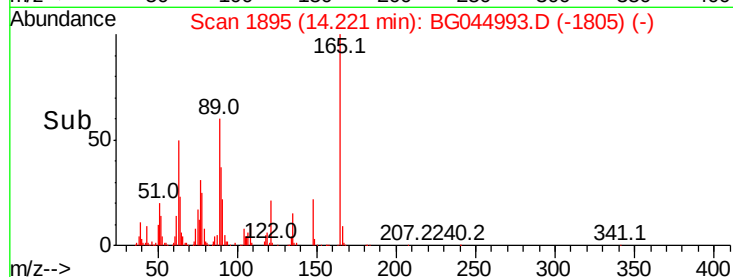
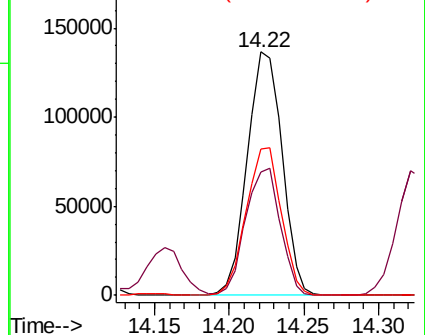
89 60.0 49.1 73.7



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: 49.534 ng

RT: 14.73 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

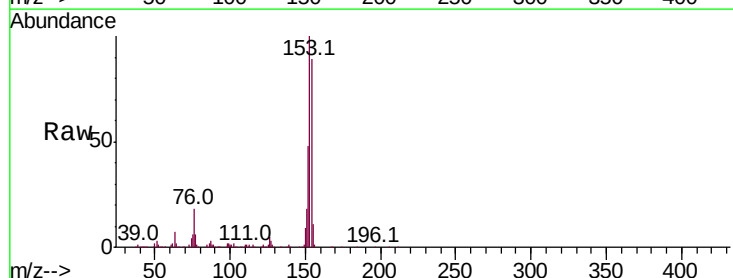
Tgt Ion:154 Resp: 703161

Ion Ratio Lower Upper

154 100

153 112.1 89.7 134.5

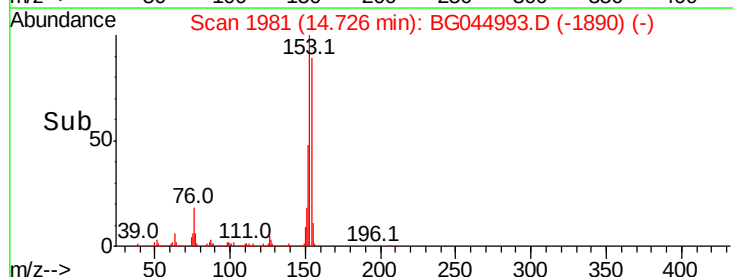
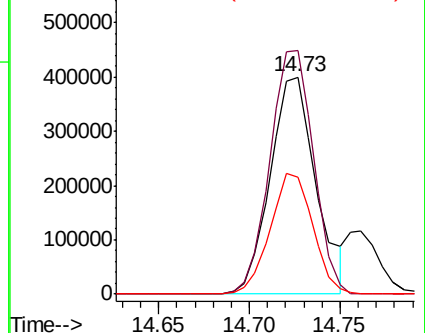
152 54.0 43.1 64.7

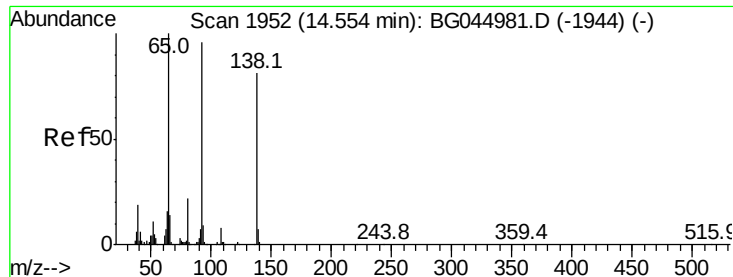


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

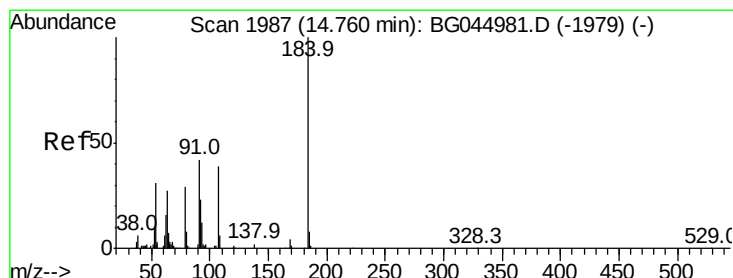
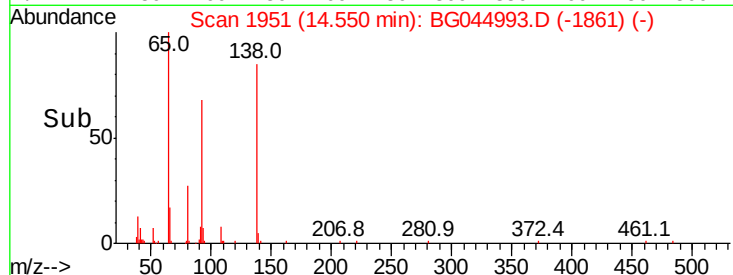
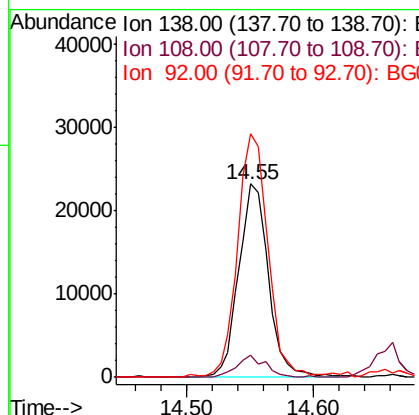
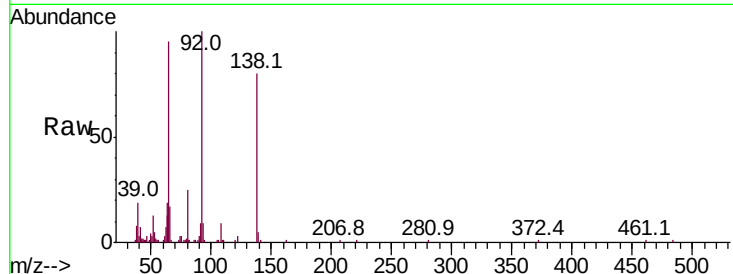




#53
 3-Nitroaniline
 Concen: 8.538 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

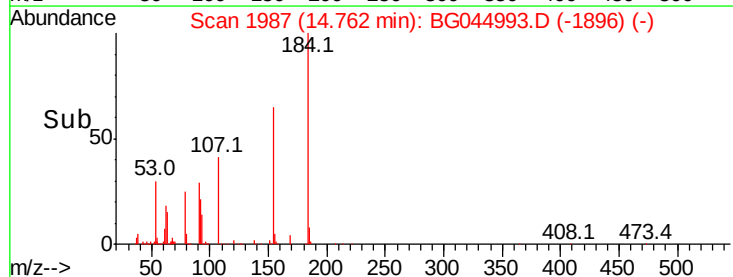
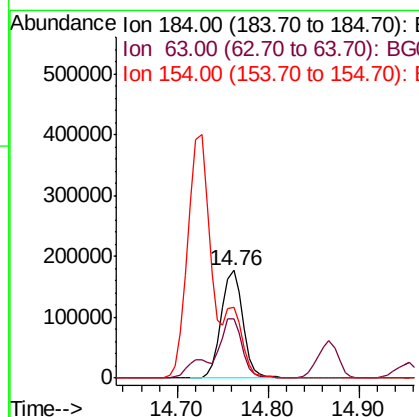
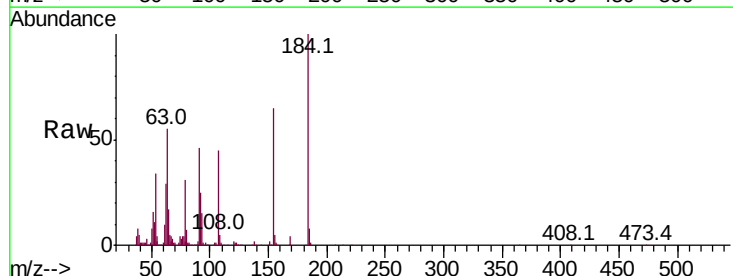
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MS

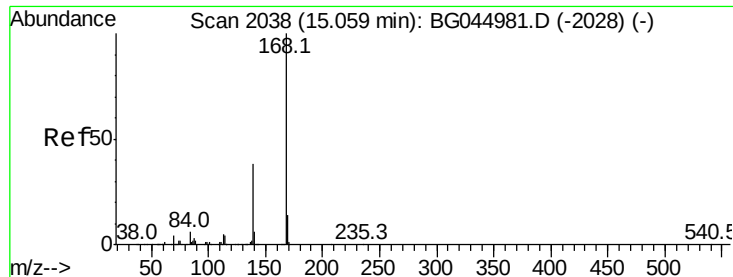
Tot Ion:138 Resp: 37823
 Ion Ratio Lower Upper
 138 100
 108 11.4 7.8 11.8
 92 125.8 94.5 141.7



#54
 2,4-Dinitrophenol
 Concen: 122.937 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Tgt Ion:184 Resp: 295277
 Ion Ratio Lower Upper
 184 100
 63 55.3 41.5 62.3
 154 65.5 52.3 78.5





#55

Dibenzofuran

Concen: 52.175 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

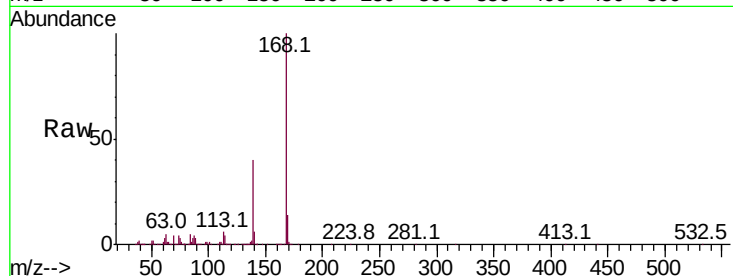
Tot Ion:168 Resp: 1079812

Ion Ratio Lower Upper

168 100

139 39.6 30.4 45.6

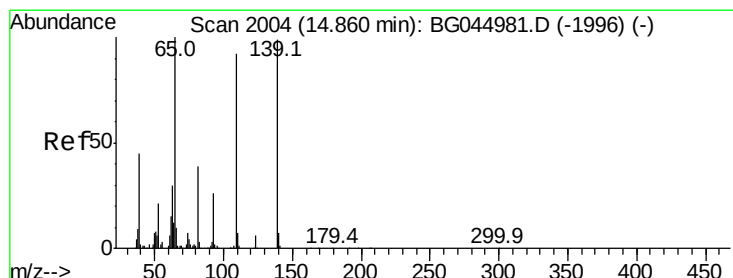
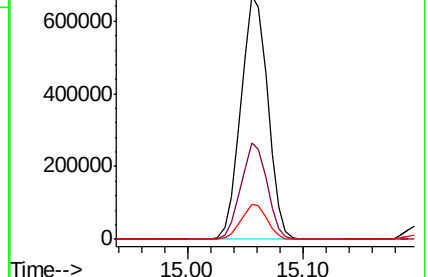
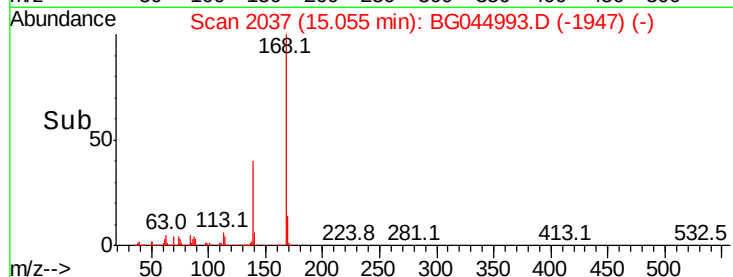
169 14.3 11.0 16.4



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: 97.087 ng

RT: 14.87 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

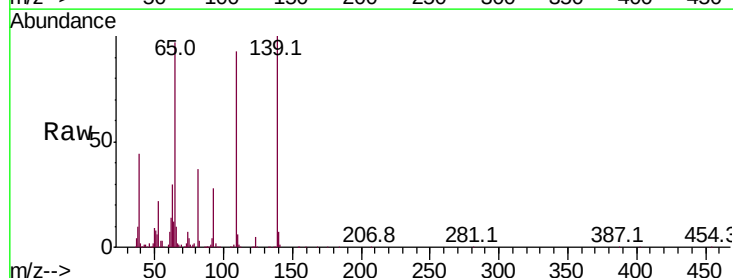
Tgt Ion:139 Resp: 333487

Ion Ratio Lower Upper

139 100

109 92.6 73.6 113.6

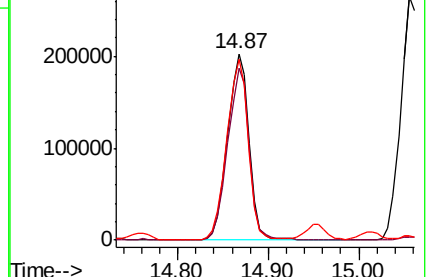
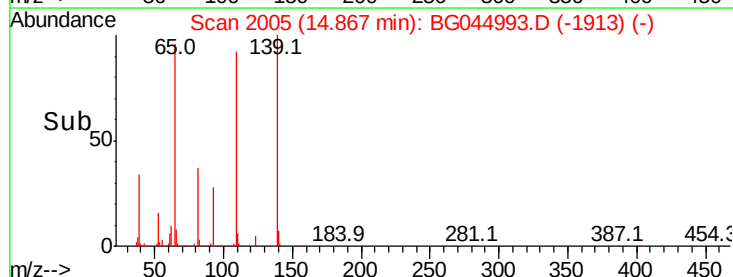
65 97.2 81.2 121.2

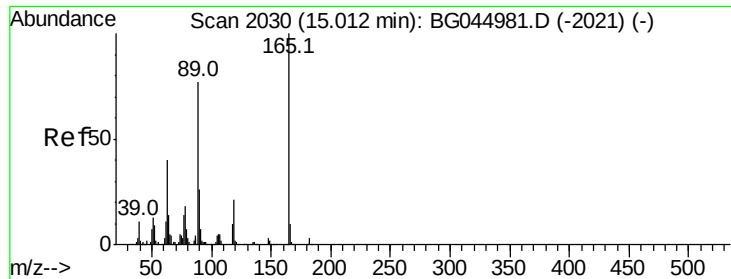


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

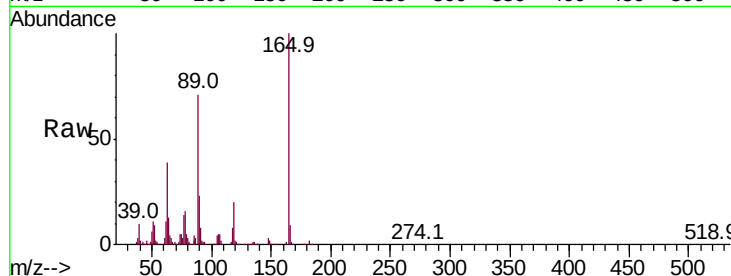




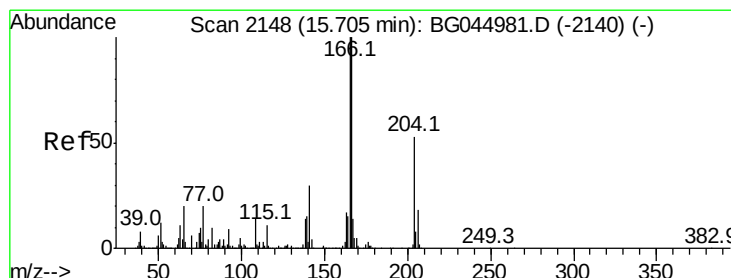
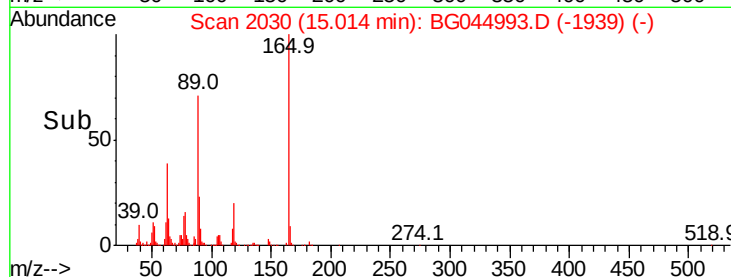
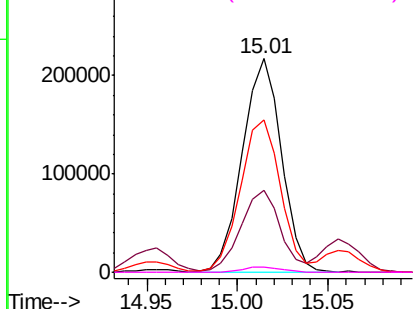
#57
2,4-Dinitrotoluene
Concen: 55.229 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

Tot Ion:165 Resp: 326014
Ion Ratio Lower Upper
165 100
63 38.6 32.2 48.2
89 71.3 61.7 92.5
182 2.4 2.0 3.0

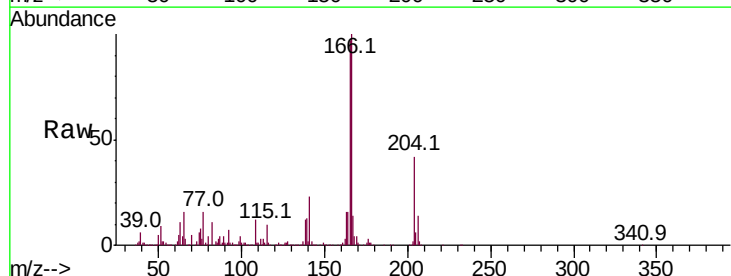


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

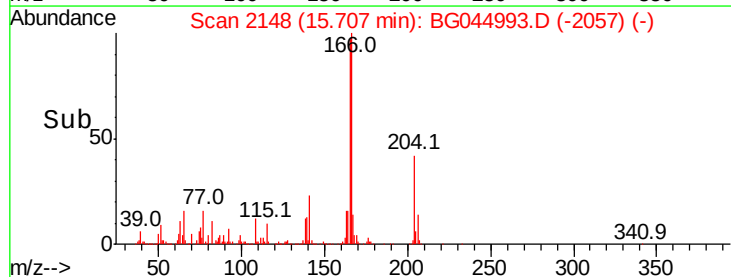
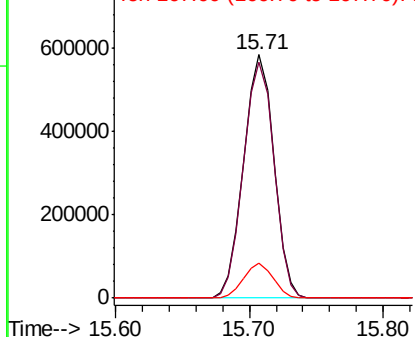


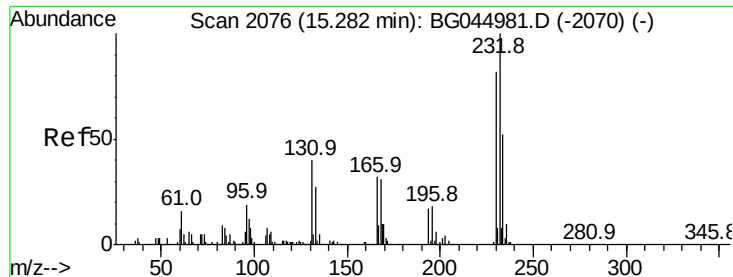
#58
Fluorene
Concen: 54.198 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion:166 Resp: 916204
Ion Ratio Lower Upper
166 100
165 97.1 79.9 119.9
167 14.2 11.4 17.0



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

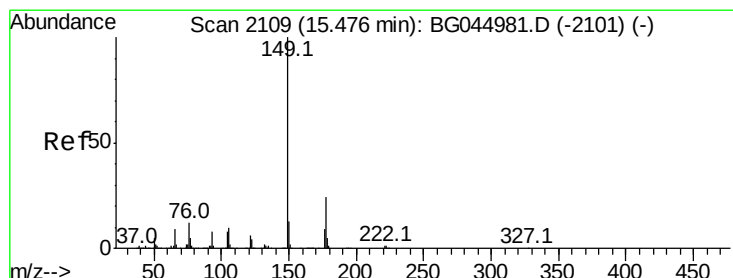
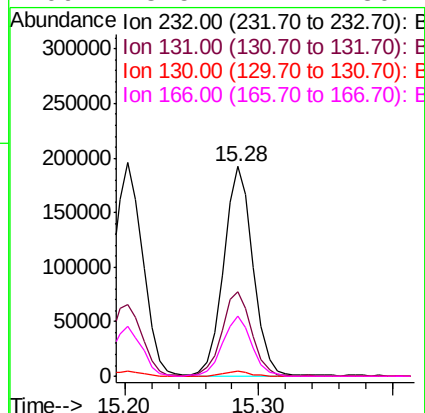
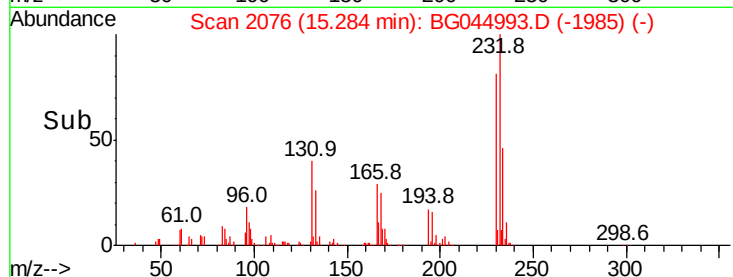
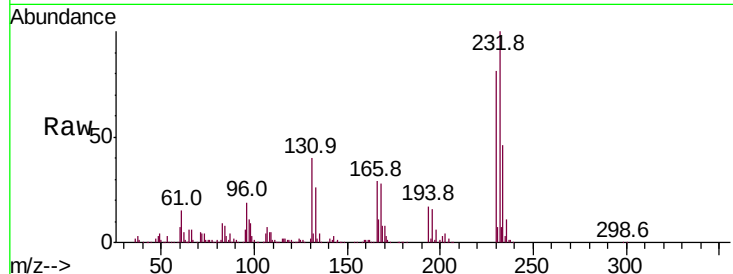




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.665 ng
RT: 15.28 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

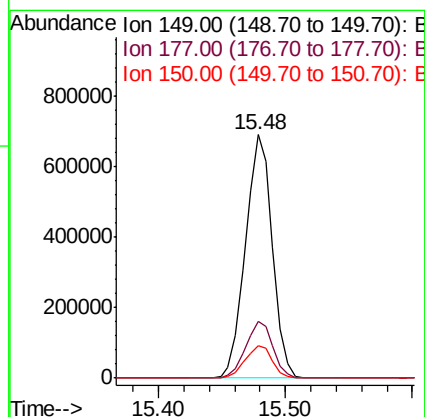
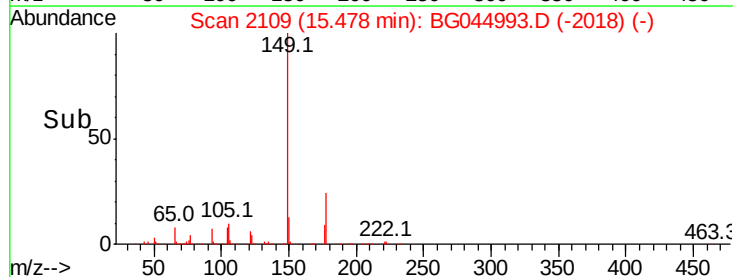
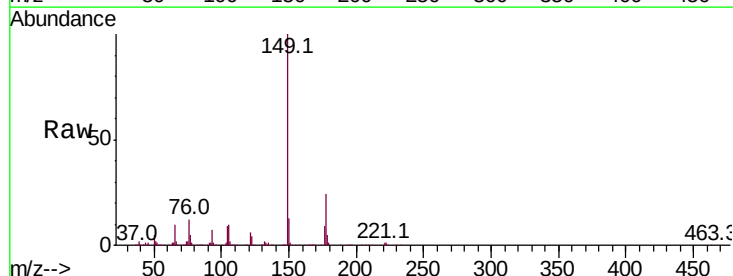
Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

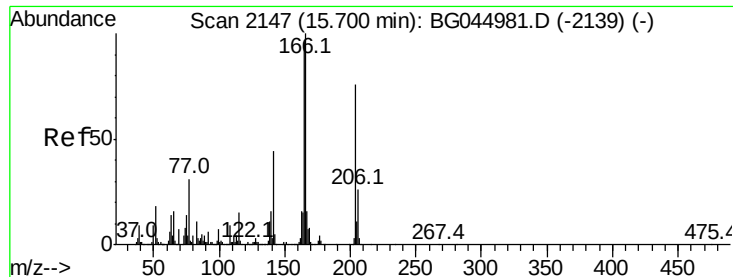
Tot Ion:	232	Resp:	294344
Ion	Ratio	Lower	Upper
232	100		
131	40.5	32.2	48.2
130	2.2	2.2	3.2
166	28.5	24.2	36.4



#60
Diethylphthalate
Concen: 53.491 ng
RT: 15.48 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion:	149	Resp:	1007132
Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.9	28.3
150	13.1	10.6	15.8

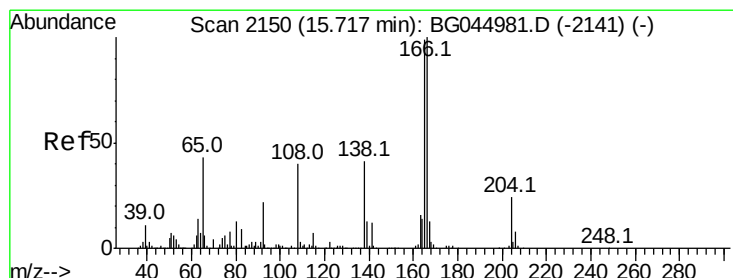
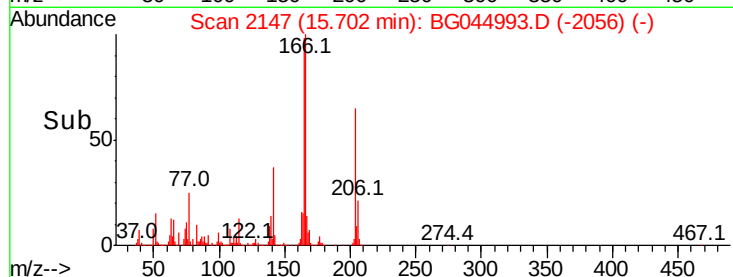
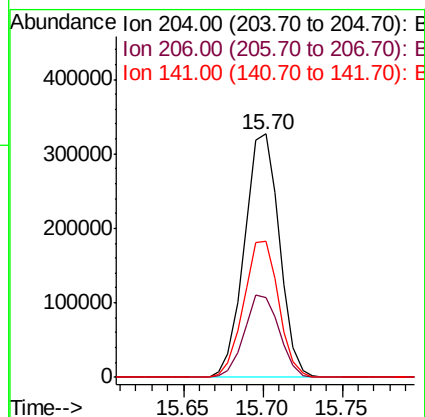
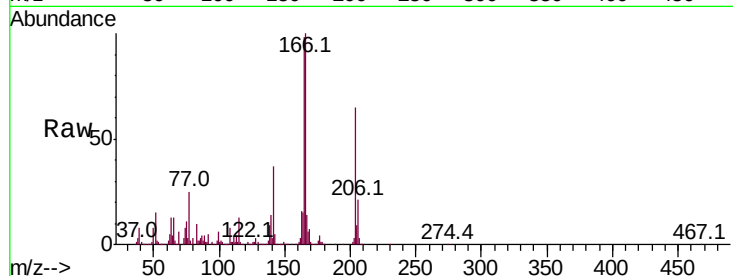




#61
4-Chlorophenyl-phenylether
Concen: 51.369 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

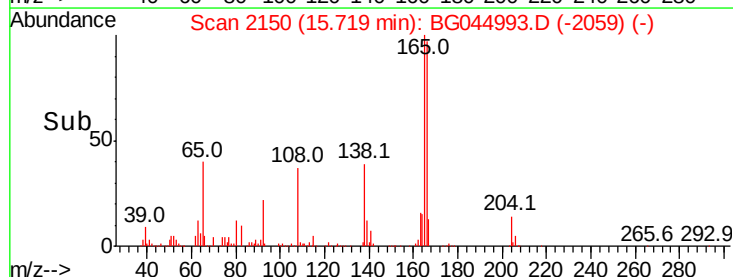
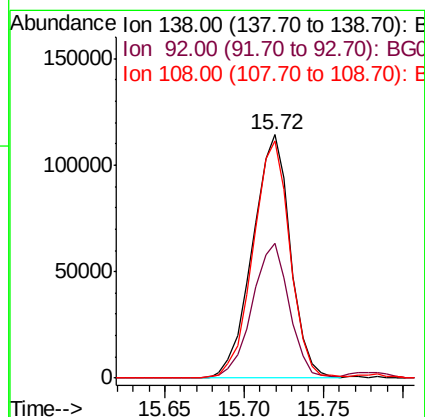
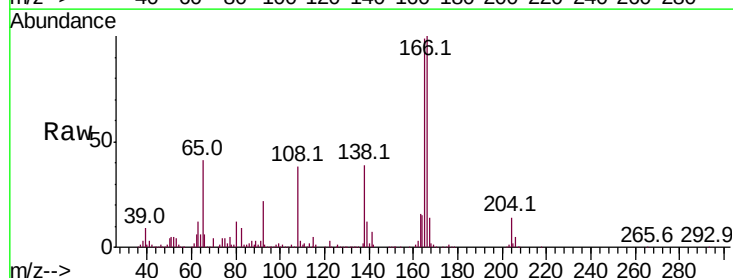
Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

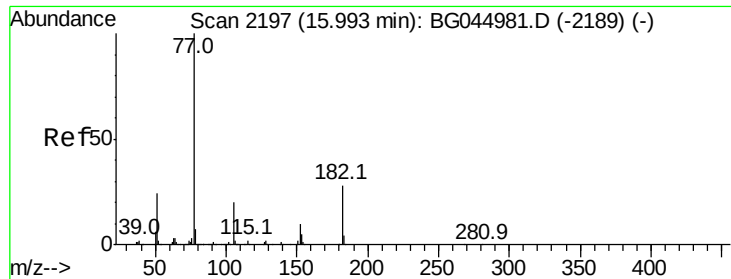
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.9	40.3
141	56.0	46.3	69.5



#62
4-Nitroaniline
Concen: 41.173 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.6	33.6	73.6
108	97.2	78.2	118.2





#63

Azobenzene

Concen: 54.235 ng

RT: 16.00 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

Tot Ion: 77 Resp: 941451

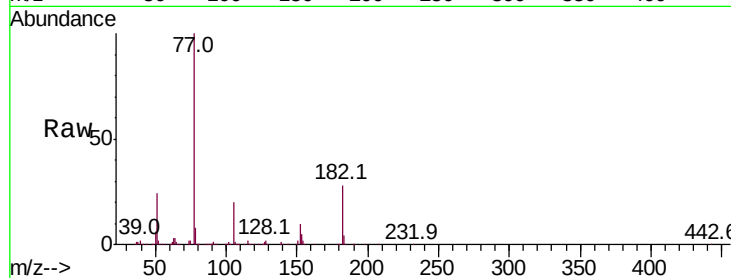
Ion Ratio Lower Upper

77 100

182 28.0 8.4 48.4

105 20.0 0.5 40.5

51 24.4 4.4 44.4

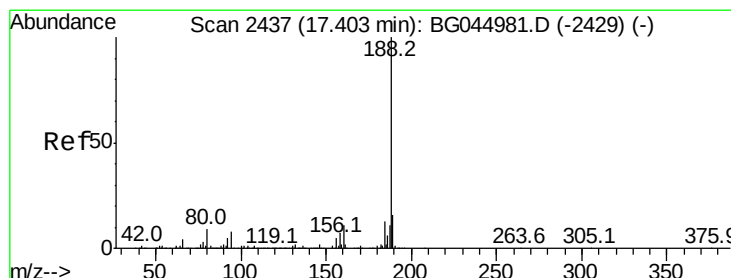
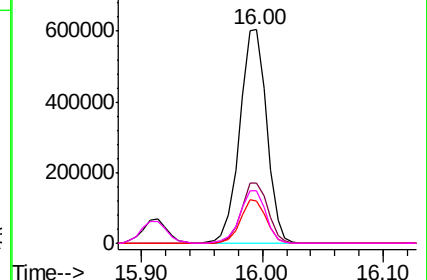
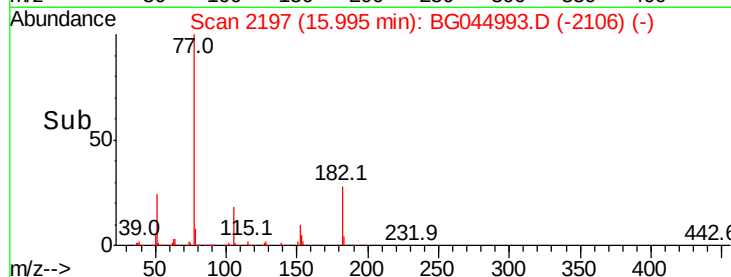


Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

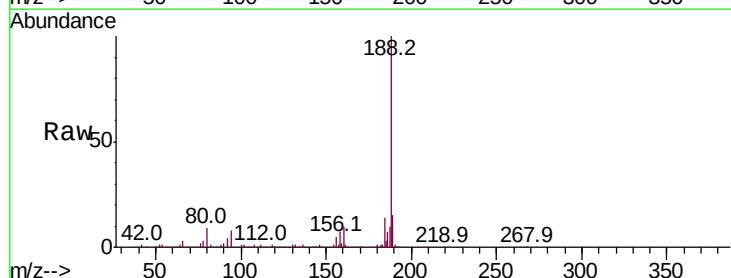
Tgt Ion: 188 Resp: 568243

Ion Ratio Lower Upper

188 100

94 7.8 6.2 9.4

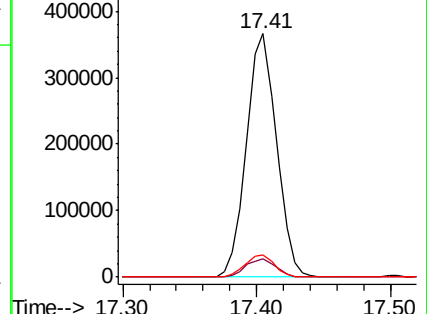
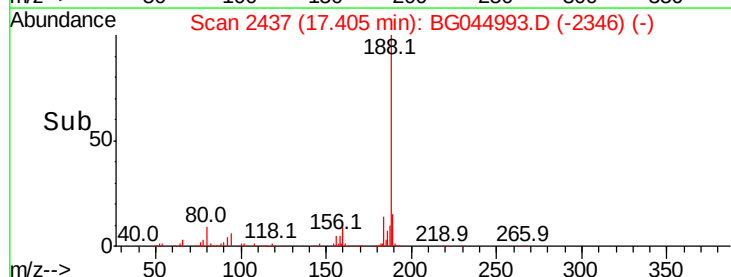
80 8.9 7.0 10.6

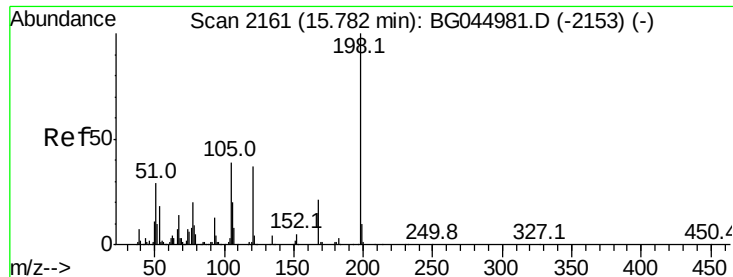


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#65

4,6-Dinitro-2-methylphenol

Concen: 57.068 ng

RT: 15.78 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

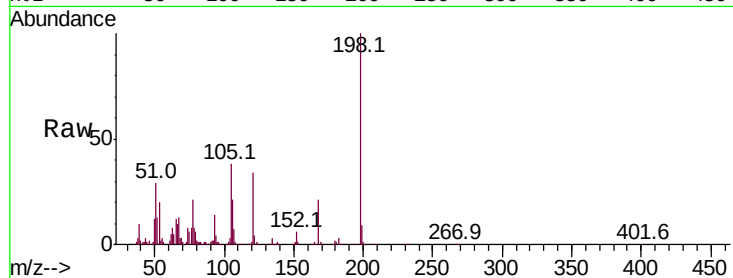
Tot Ion:198 Resp: 213153

Ion Ratio Lower Upper

198 100

51 28.9 10.0 50.0

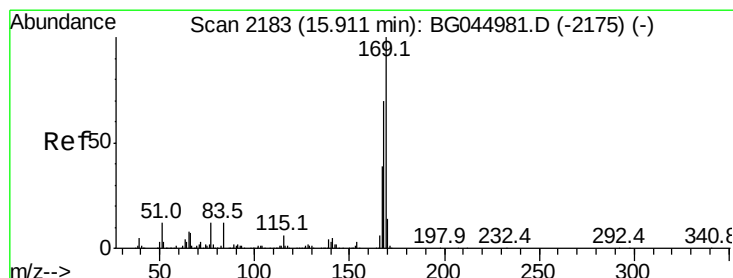
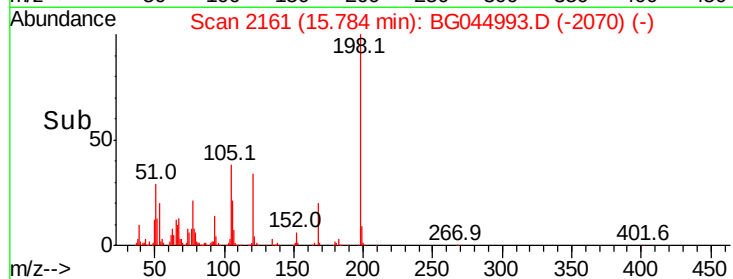
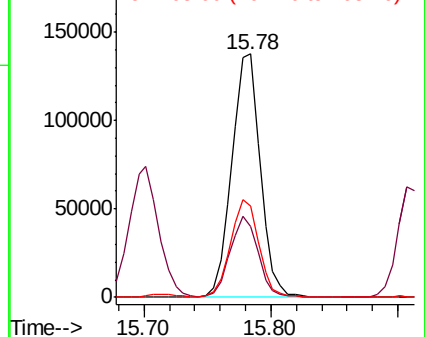
105 37.7 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 50.308 ng

RT: 15.91 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

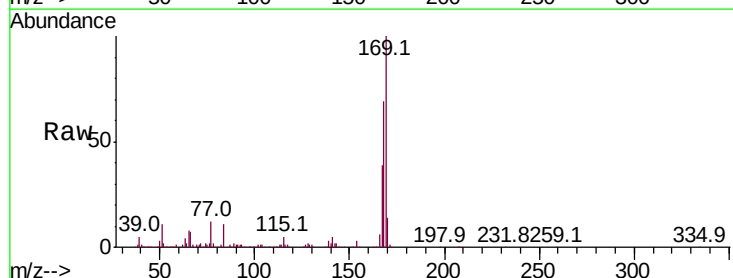
Tgt Ion:169 Resp: 821364

Ion Ratio Lower Upper

169 100

168 69.2 55.8 83.8

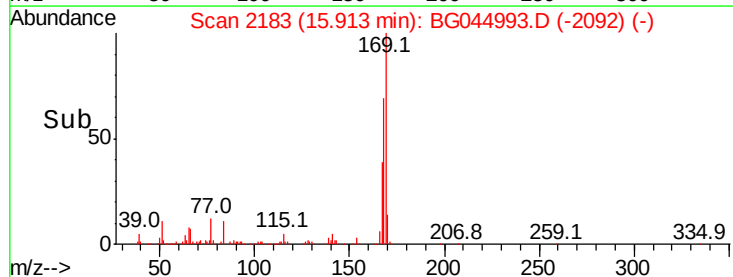
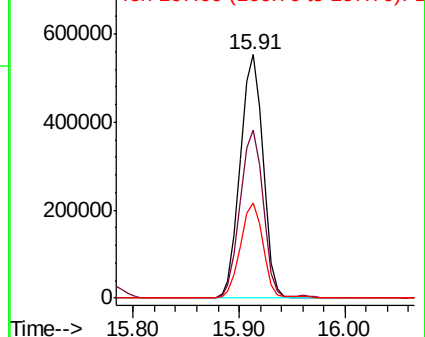
167 38.9 30.8 46.2

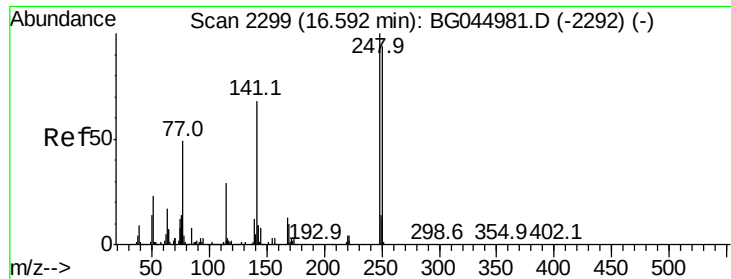


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

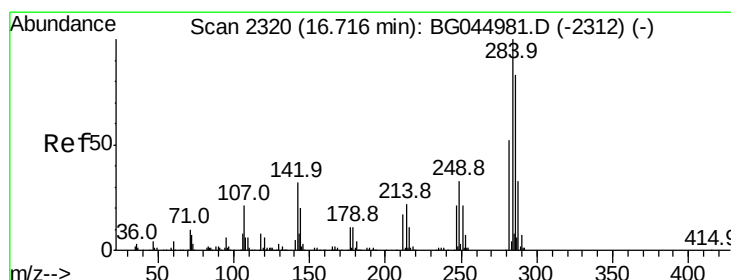
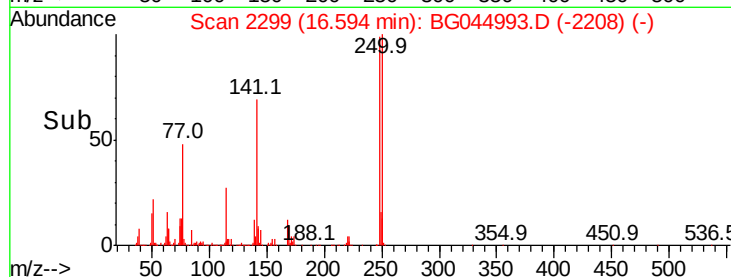
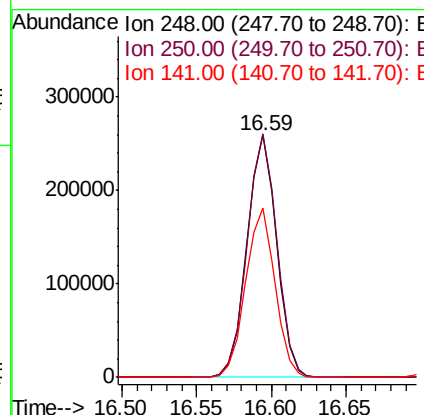
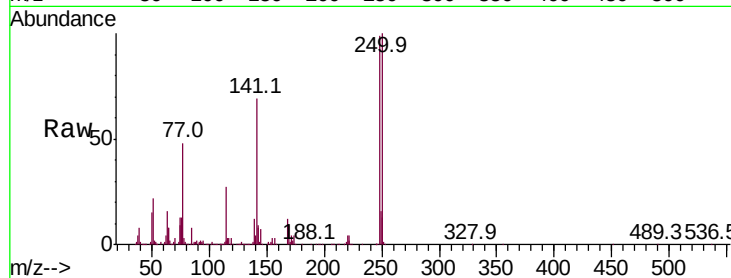




#67
4-Bromophenyl-phenylether
Concen: 48.551 ng
RT: 16.59 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

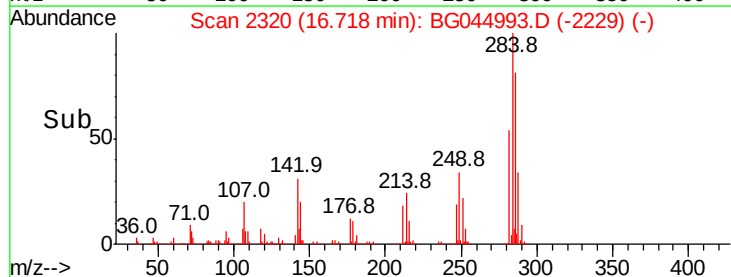
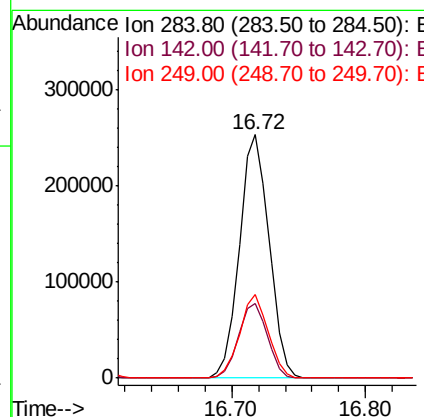
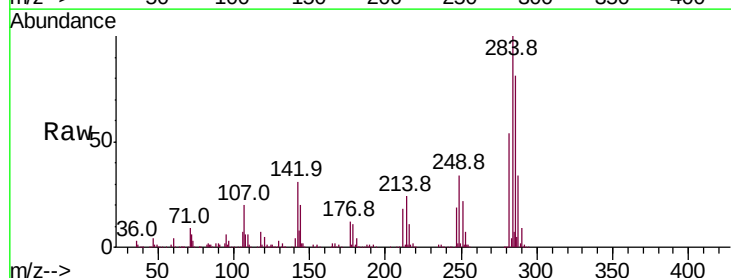
Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

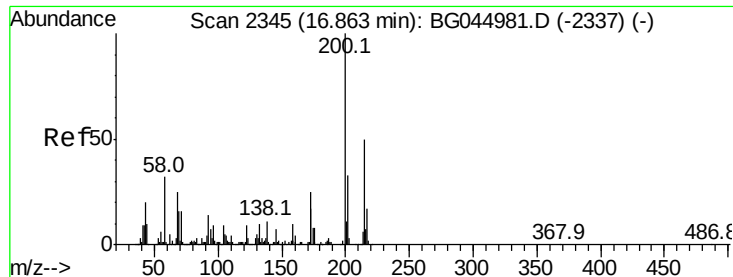
Tot Ion:248 Resp: 355916
Ion Ratio Lower Upper
248 100
250 100.5 75.4 113.2
141 69.8 54.4 81.6



#68
Hexachlorobenzene
Concen: 51.148 ng
RT: 16.72 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion:284 Resp: 388872
Ion Ratio Lower Upper
284 100
142 30.8 25.8 38.6
249 34.3 26.6 39.8





#69

Atrazine

Concen: 37.716 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

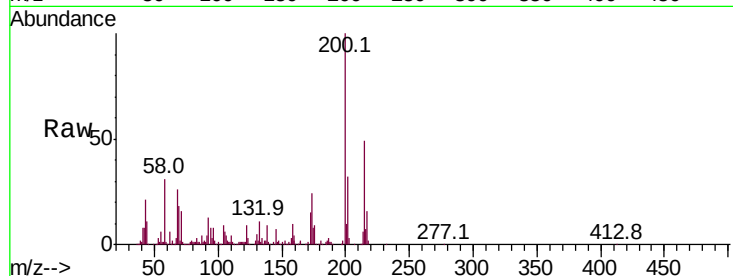
Tot Ion:200 Resp: 229204

Ion Ratio Lower Upper

200 100

173 24.3 4.5 44.5

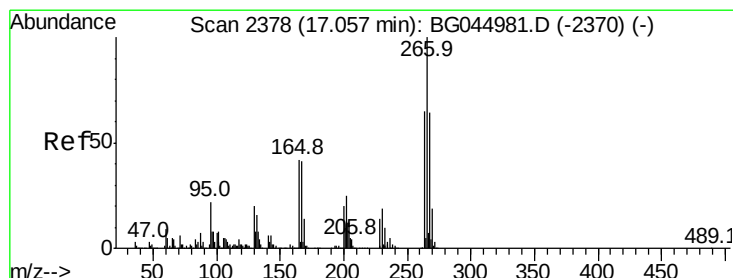
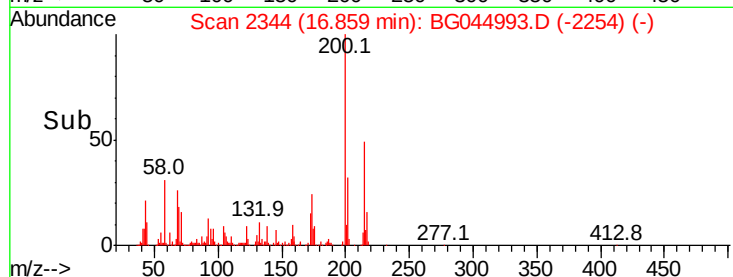
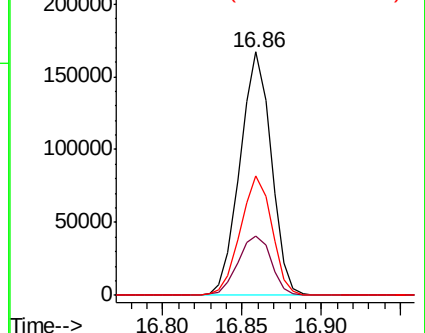
215 49.3 30.0 70.0



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: 108.595 ng

RT: 17.06 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

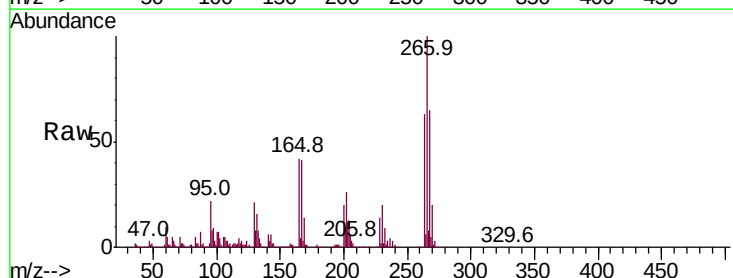
Tgt Ion:266 Resp: 506498

Ion Ratio Lower Upper

266 100

268 64.7 51.5 77.3

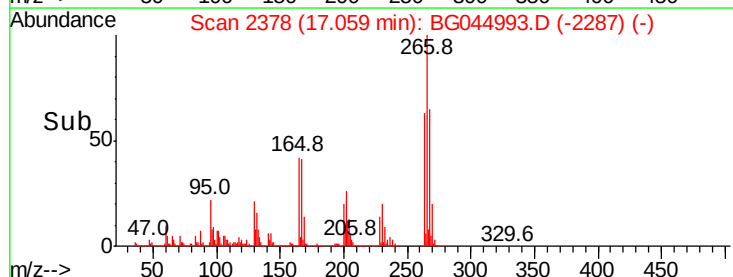
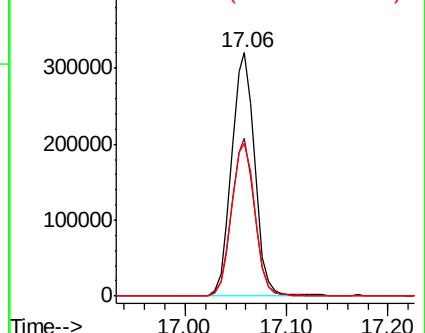
264 62.8 52.2 78.4

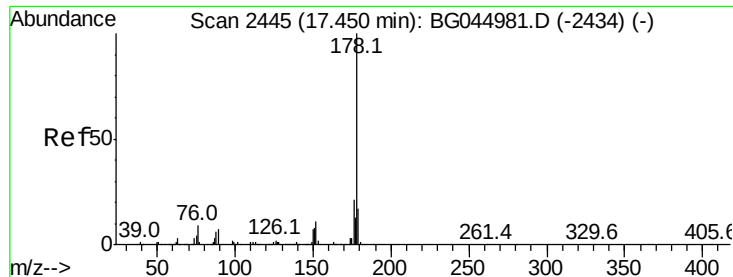


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 52.618 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

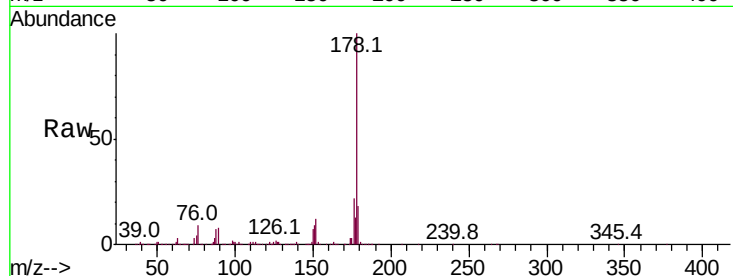
Tot Ion:178 Resp: 1536476

Ion Ratio Lower Upper

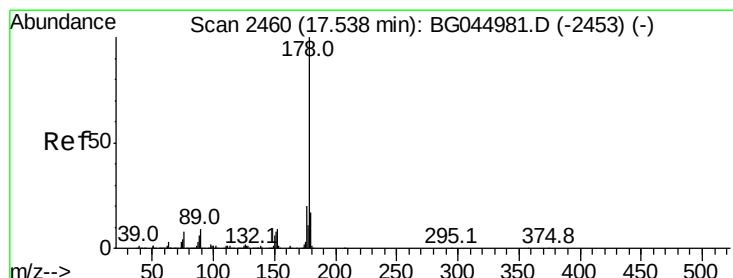
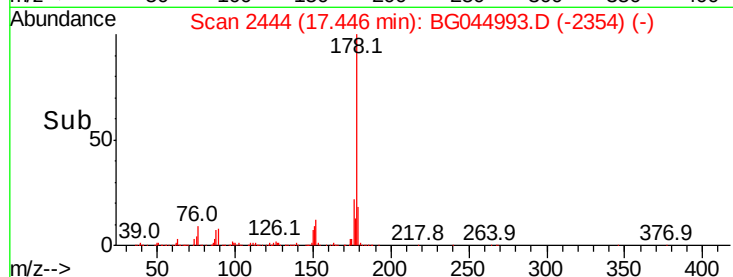
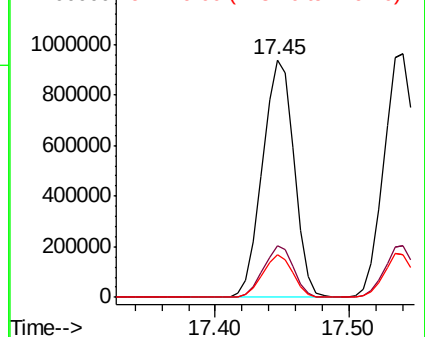
178 100

176 21.7 16.8 25.2

179 17.7 13.2 19.8



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



#72

Anthracene

Concen: 53.428 ng

RT: 17.54 min Scan# 2460

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

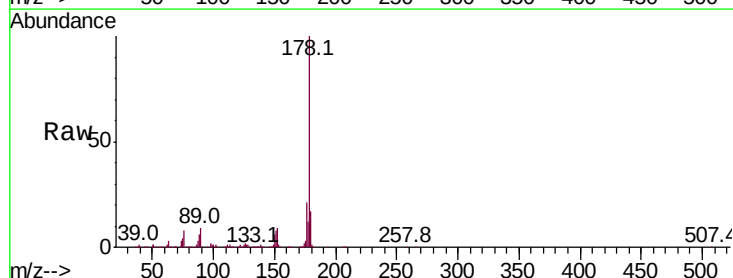
Tgt Ion:178 Resp: 1564967

Ion Ratio Lower Upper

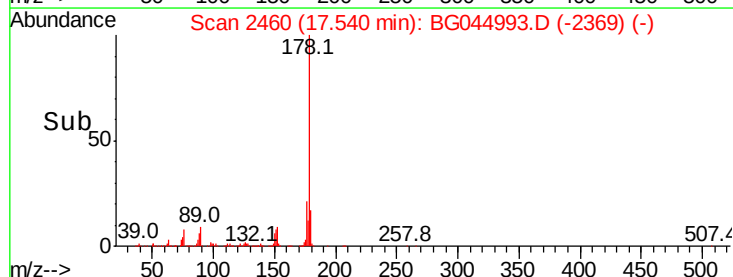
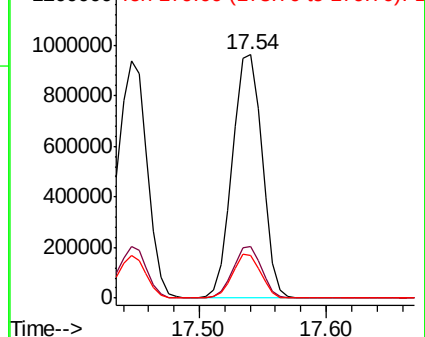
178 100

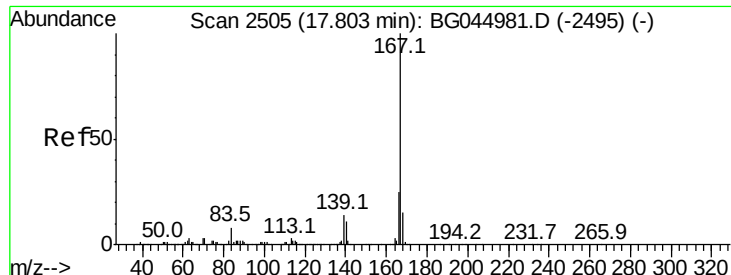
176 21.2 16.0 24.0

179 17.4 13.6 20.4



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



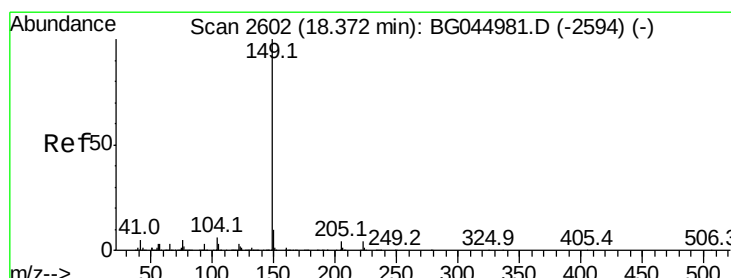
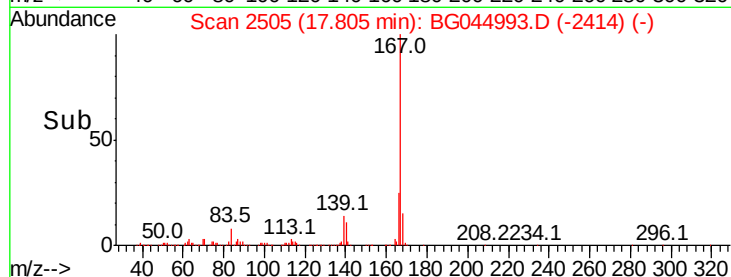
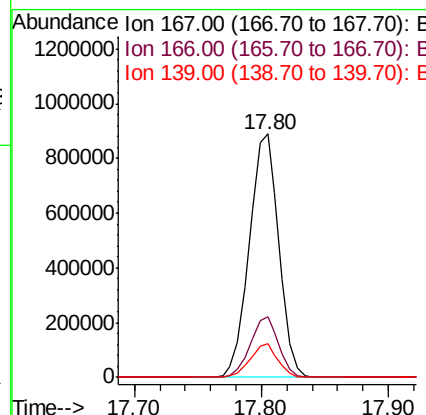
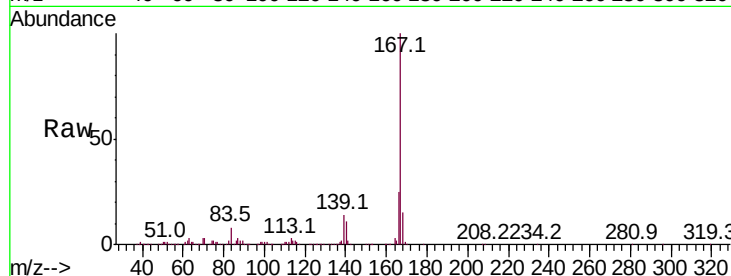


#73
 Carbazole
 Concen: 48.266 ng
 RT: 17.80 min Scan# 2505
 Delta R.T. 0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MS

Tot Ion:167 Resp: 1434710

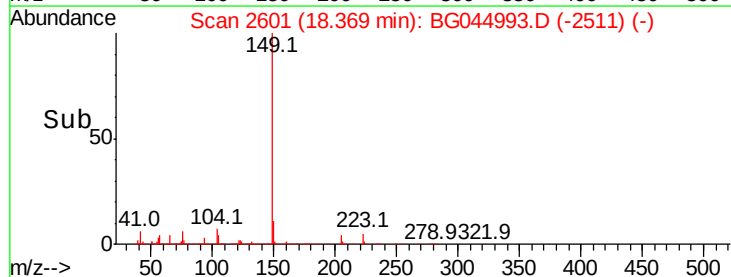
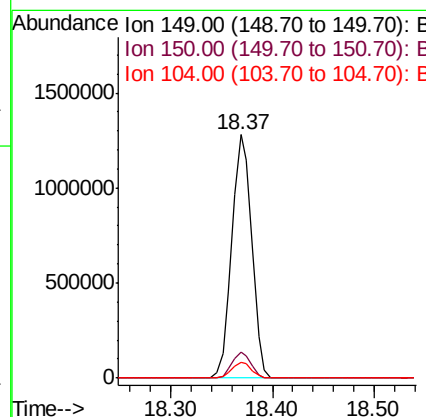
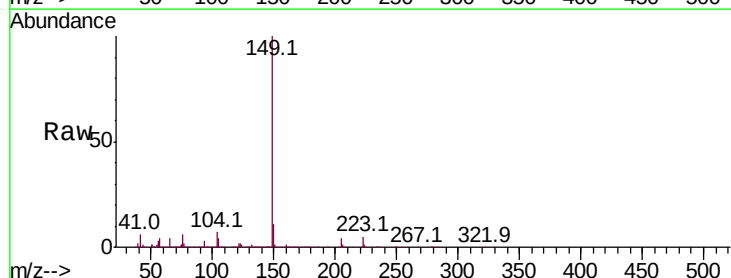
Ion	Ratio	Lower	Upper
167	100		
166	24.9	19.8	29.6
139	13.8	10.9	16.3

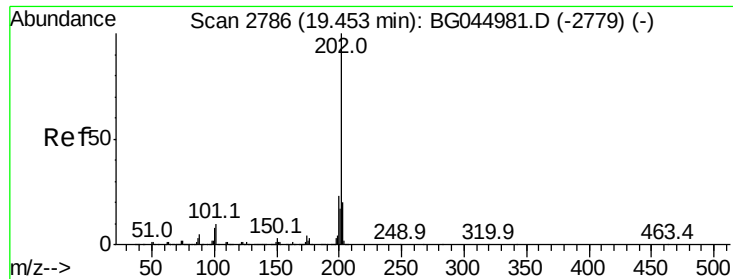


#74
 Di-n-butylphthalate
 Concen: 55.371 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Tgt Ion:149 Resp: 1746376

Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.2	12.2
104	6.6	4.8	7.2





#75

Fluoranthene

Concen: 57.742 ng

RT: 19.46 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

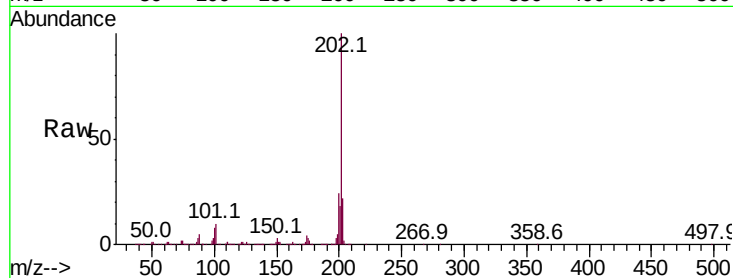
Tot Ion:202 Resp: 1921833

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.6

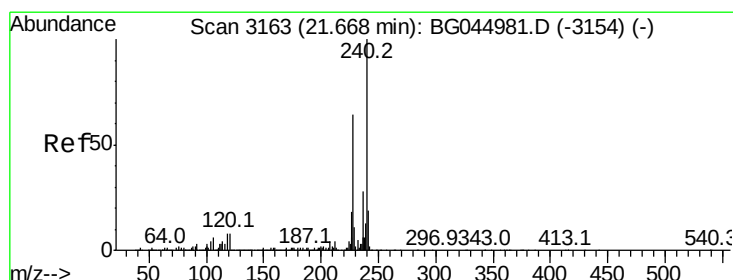
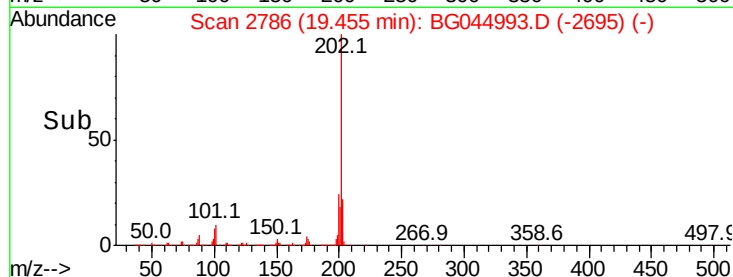
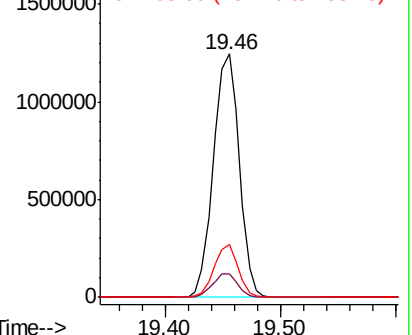
203 21.5 0.0 39.7



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: 21.67 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

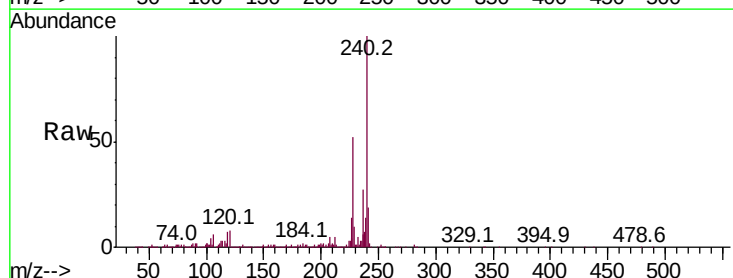
Tgt Ion:240 Resp: 544780

Ion Ratio Lower Upper

240 100

120 7.8 6.6 10.0

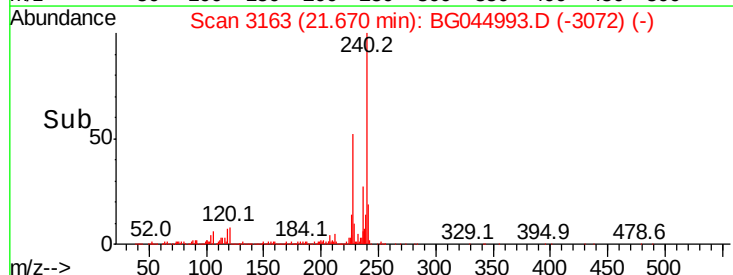
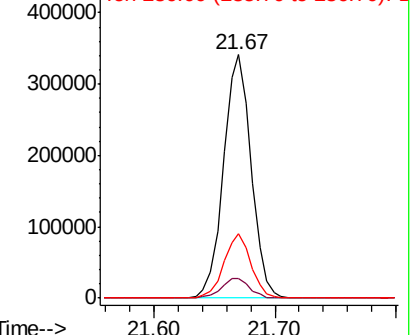
236 26.6 22.2 33.2

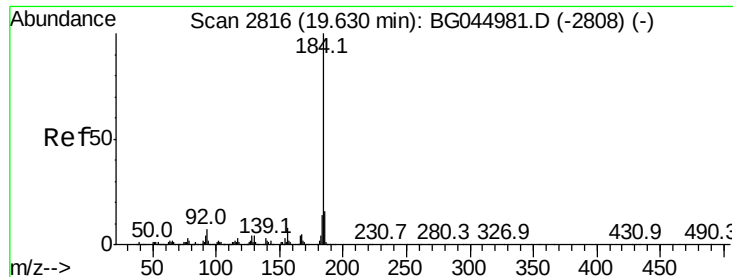


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.396 ng

RT: 19.65 min Scan# 2819

Delta R.T. 0.02 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

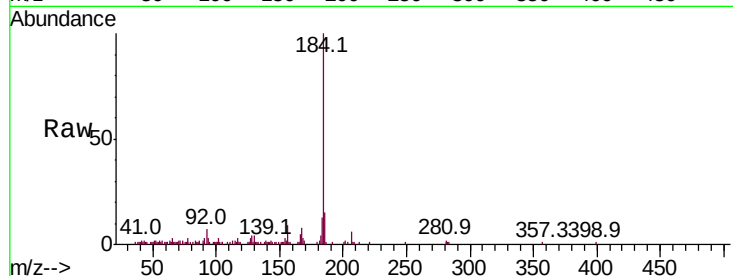
BNA_G

ClientSampleId :

TR-04-041420MS

Tot Ion:184 Resp: 126770

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.6	19.0
183	13.4	11.3	16.9

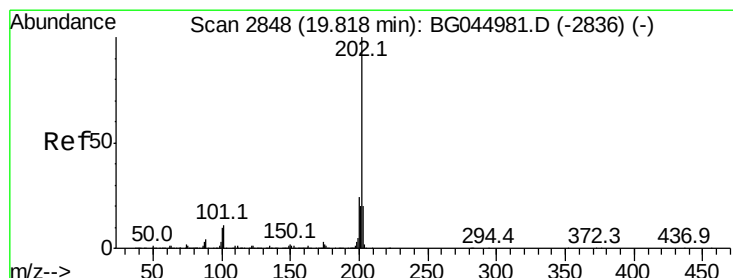
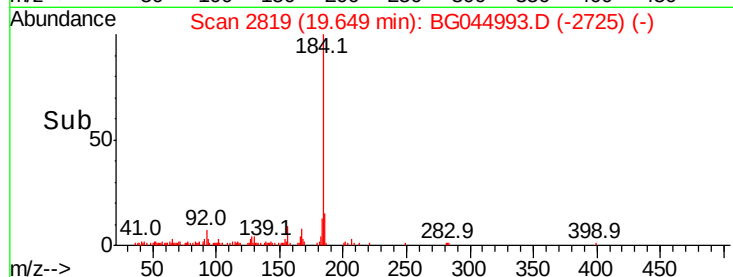
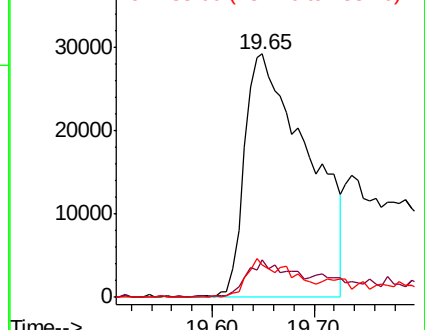


Abundance

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: 50.354 ng

RT: 19.81 min Scan# 2847

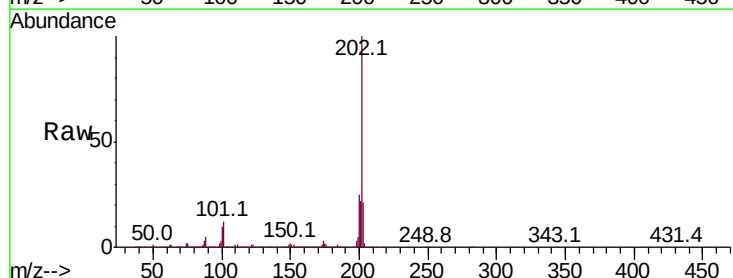
Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Tgt Ion:202 Resp: 1891179

Ion	Ratio	Lower	Upper
202	100		
200	24.7	19.0	28.6
203	21.4	16.1	24.1

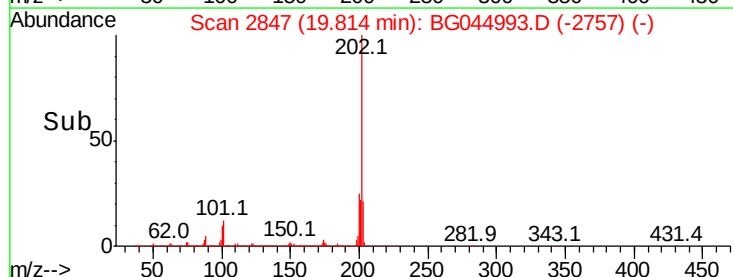
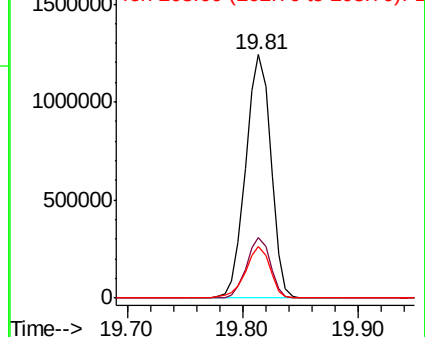


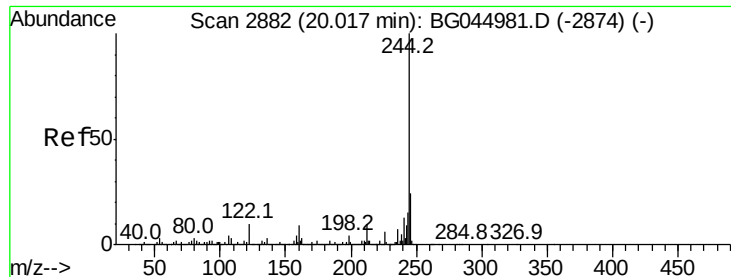
Abundance

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: 107.904 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

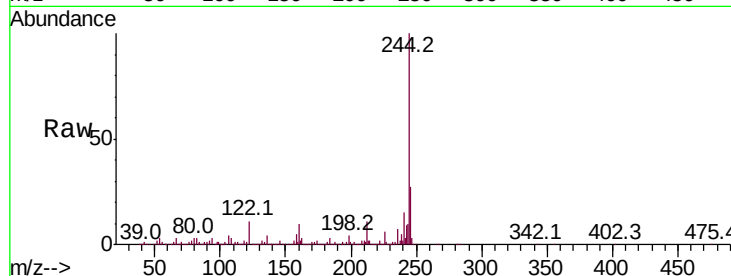
BNA_G

ClientSampleId :

TR-04-041420MS

Tot Ion:244 Resp: 2697047

Ion	Ratio	Lower	Upper
244	100		
212	11.0	7.9	11.9
122	10.9	7.7	11.5

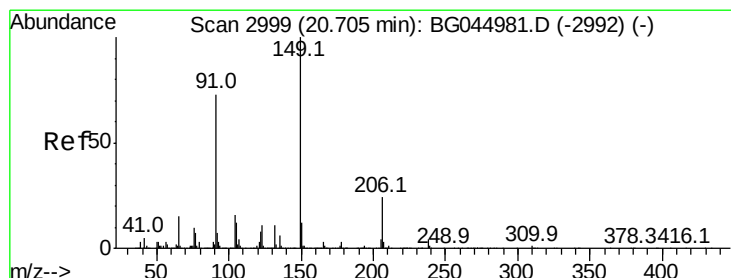
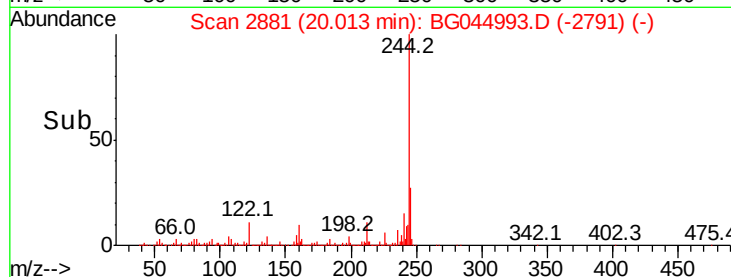
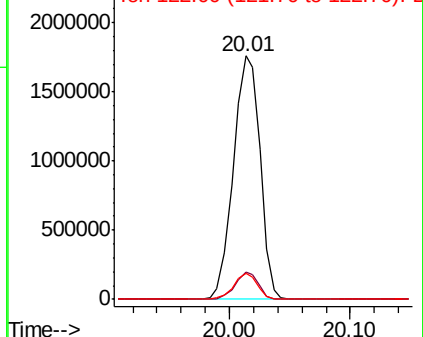


Abundance

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: 51.091 ng

RT: 20.70 min Scan# 2998

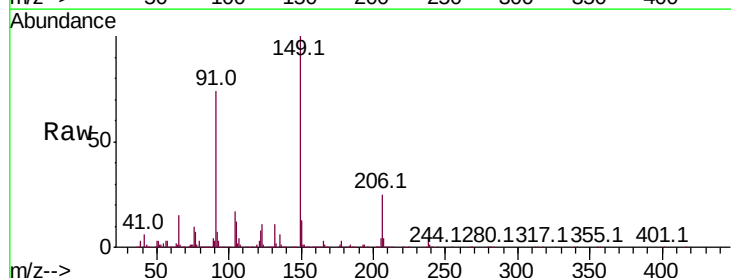
Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Tgt Ion:149 Resp: 795382

Ion	Ratio	Lower	Upper
149	100		
91	73.7	58.5	87.7
206	25.1	19.2	28.8

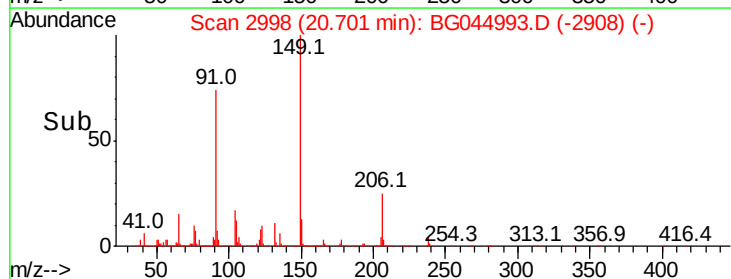
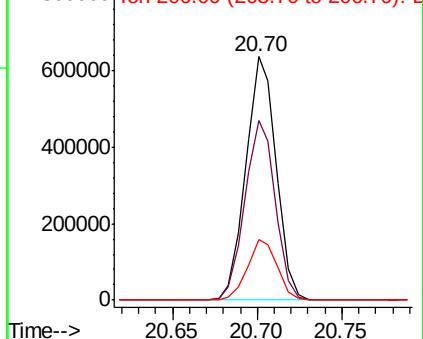


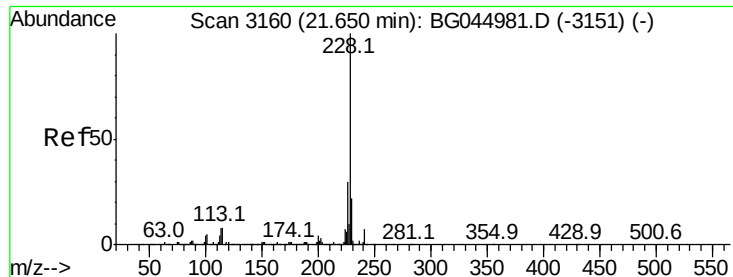
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.760 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

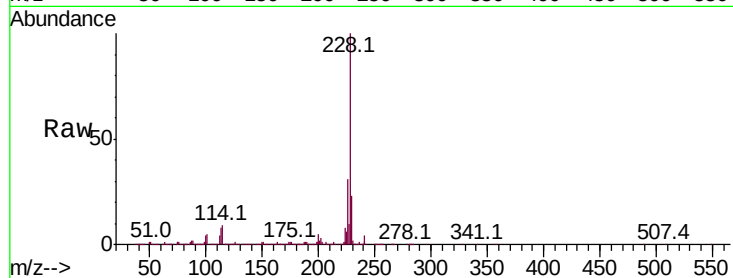
Tot Ion:228 Resp: 1827601

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	22.7	17.5	26.3

228 100

226 30.9 24.0 36.0

229 22.7 17.5 26.3

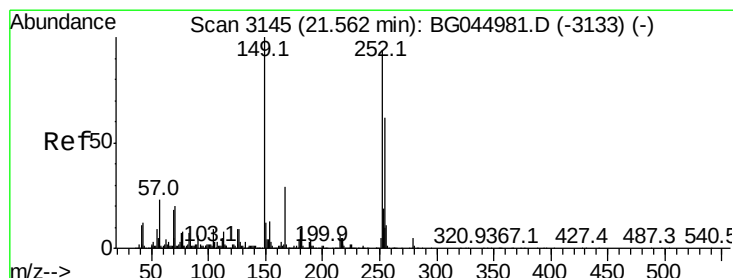
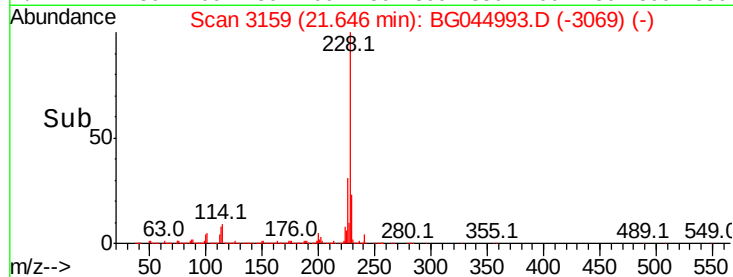
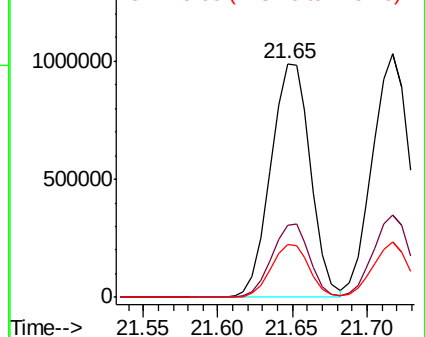


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 9.937 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

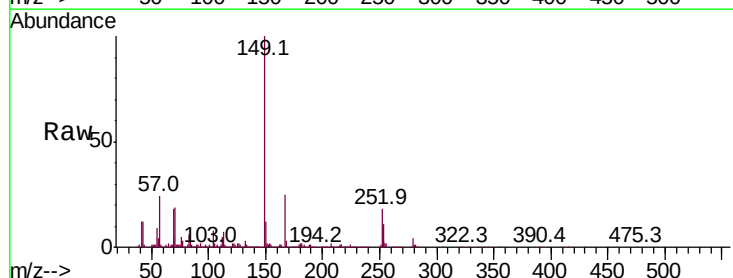
Tgt Ion:252 Resp: 139652

Ion	Ratio	Lower	Upper
252	100		
254	61.0	52.6	79.0
126	9.8	7.5	11.3

252 100

254 61.0 52.6 79.0

126 9.8 7.5 11.3

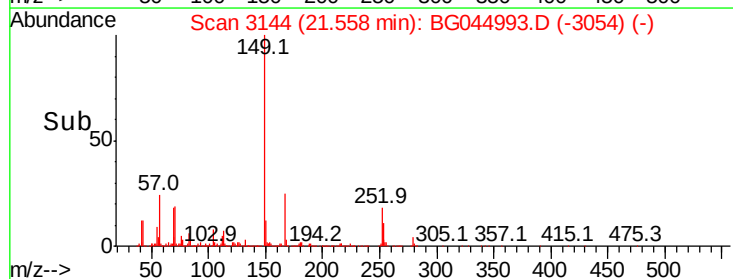
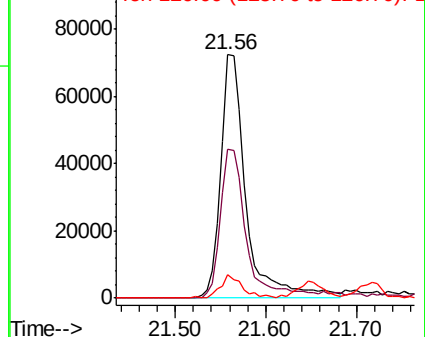


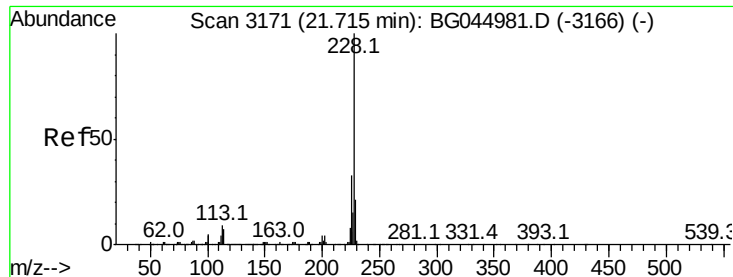
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 51.790 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

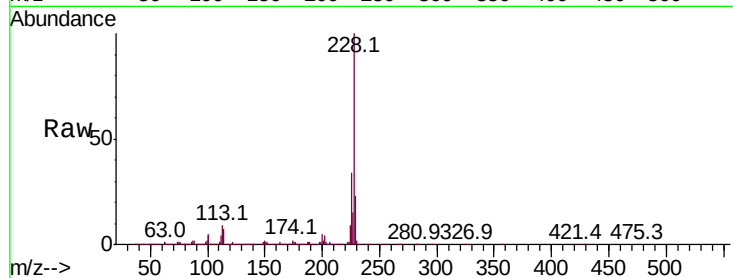
BNA_G

ClientSampleId :

TR-04-041420MS

Tot Ion:228 Resp: 1757010

Ion	Ratio	Lower	Upper
228	100		
226	33.6	26.2	39.4
229	22.9	17.0	25.6

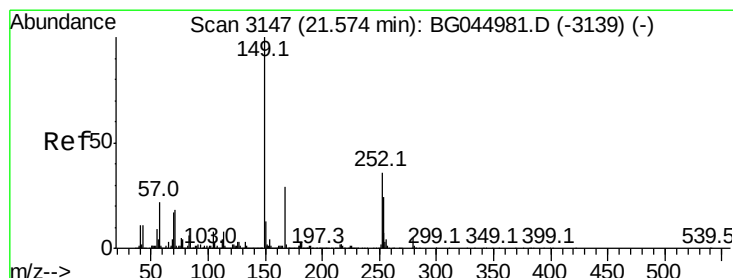
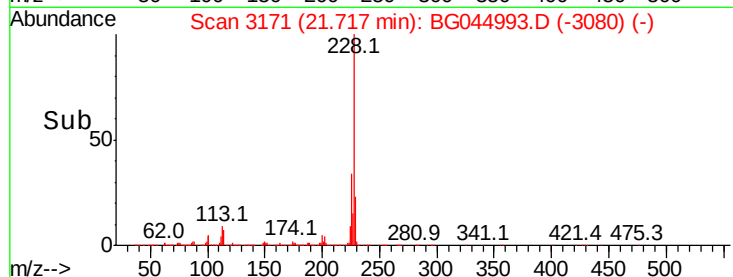
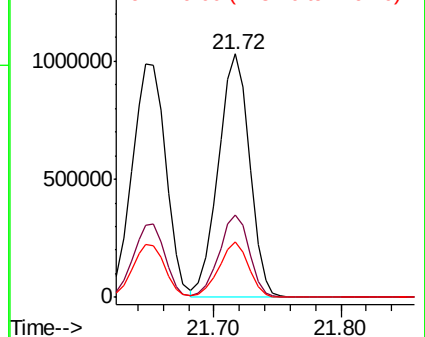


Abundance

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: 52.931 ng

RT: 21.57 min Scan# 3146

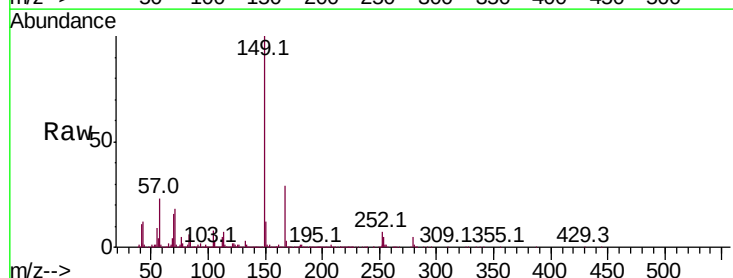
Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Tgt Ion:149 Resp: 1133323

Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.4	35.0
279	5.2	4.3	6.5

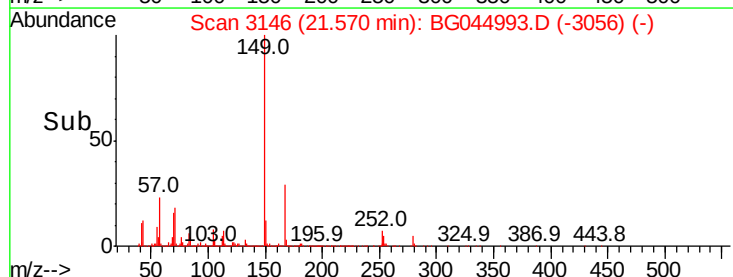
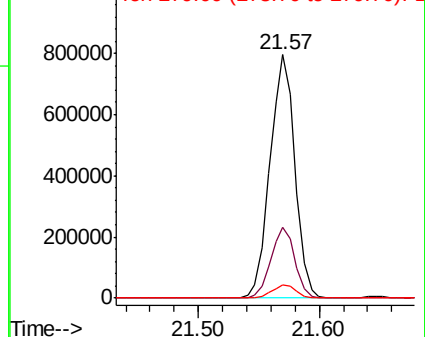


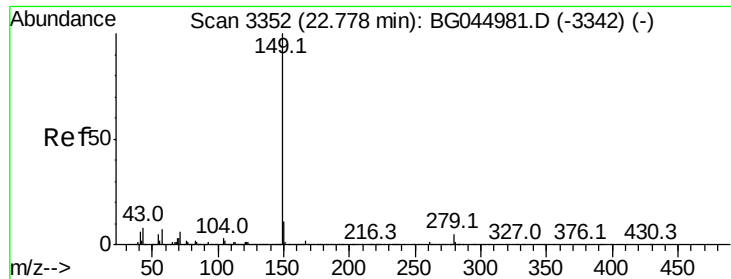
Abundance

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: 52.049 ng

RT: 22.78 min Scan# 3352

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

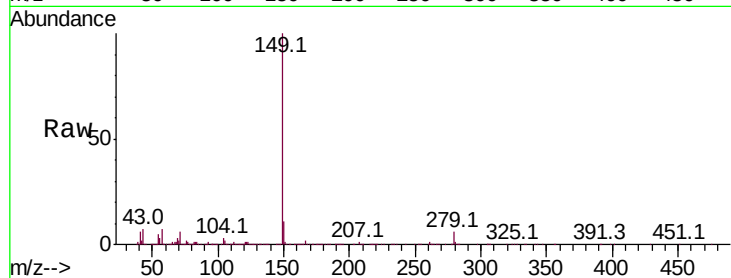
Tot Ion:149 Resp: 1927160

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

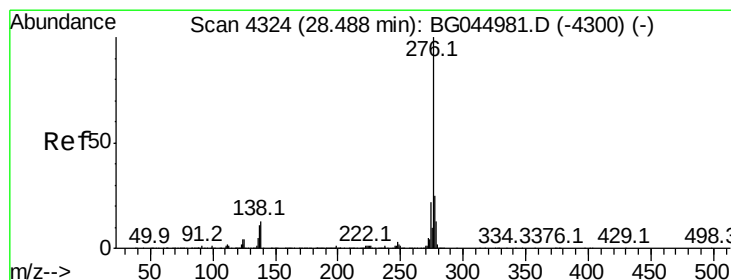
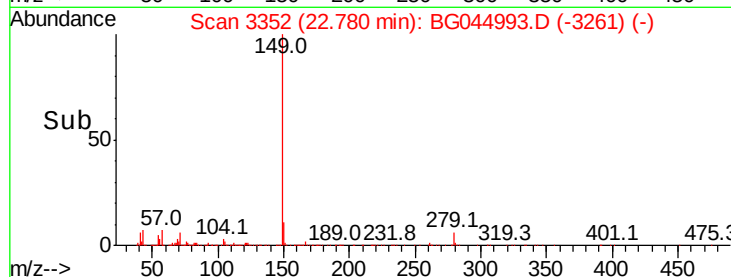
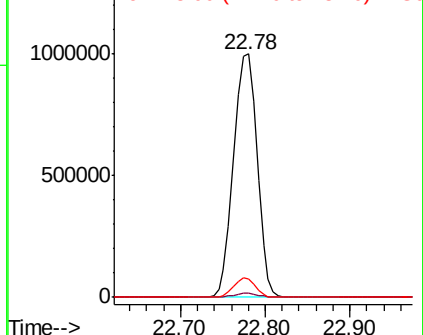
43 7.3 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.834 ng

RT: 28.48 min Scan# 4323

Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

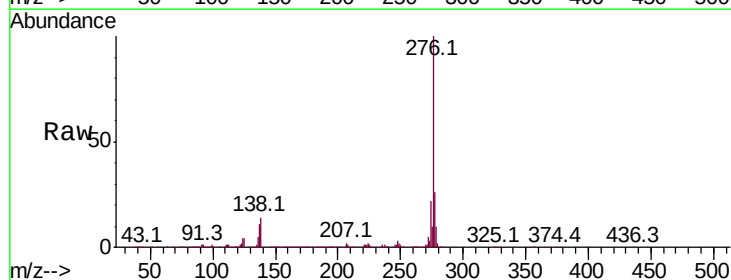
Tgt Ion:276 Resp: 2424843

Ion Ratio Lower Upper

276 100

138 10.9 9.6 14.4

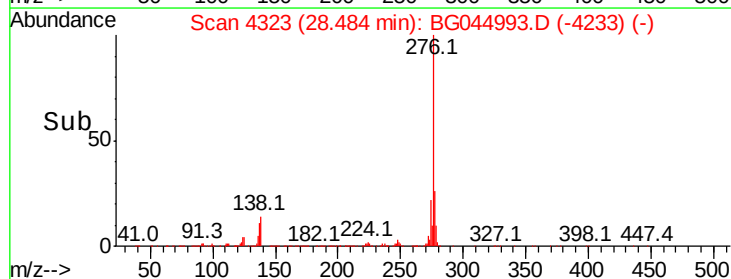
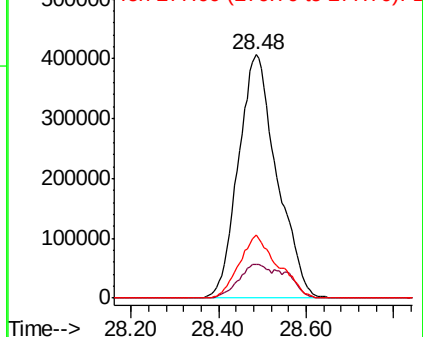
277 26.0 20.6 31.0

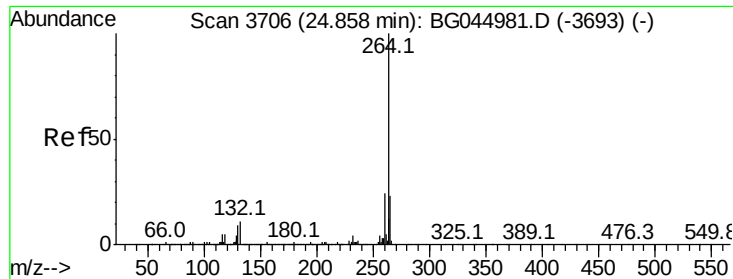


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

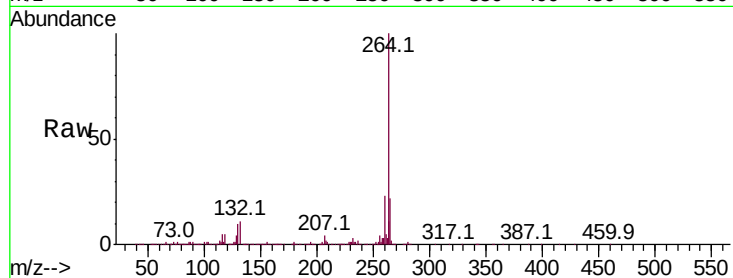
BNA_G

ClientSampleId :

TR-04-041420MS

Tot Ion:264 Resp: 596229

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.4	19.0	28.4

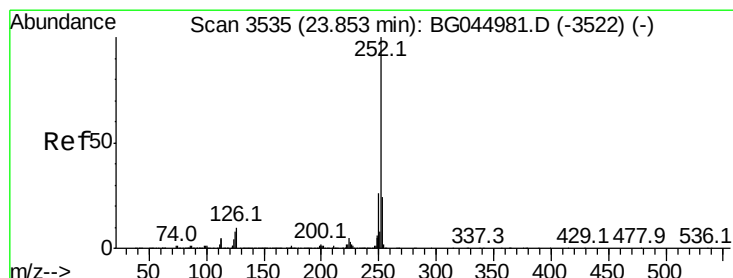
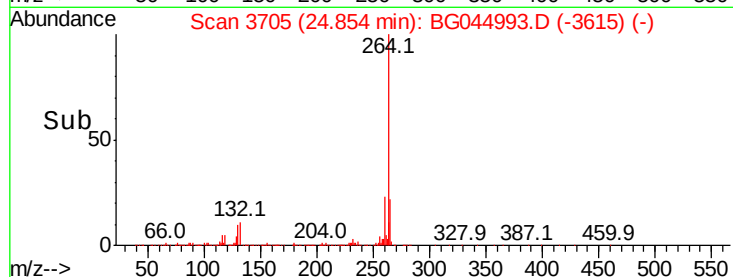
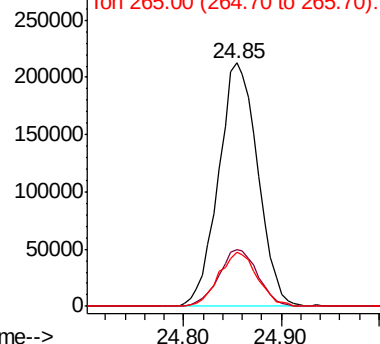


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 54.958 ng

RT: 23.86 min Scan# 3535

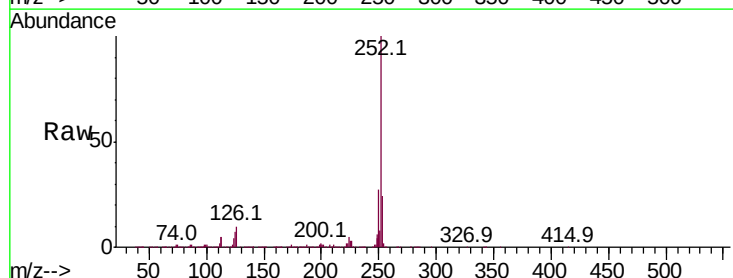
Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Tgt Ion:252 Resp: 2052554

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.8	28.2
125	7.4	6.2	9.4

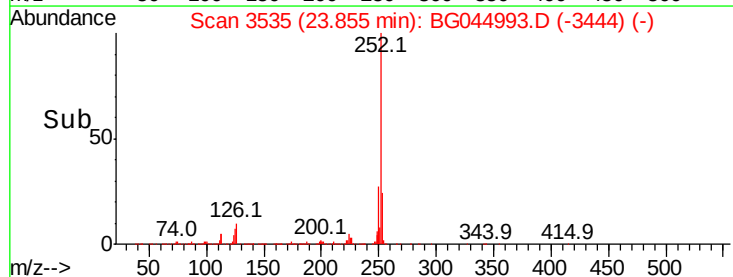
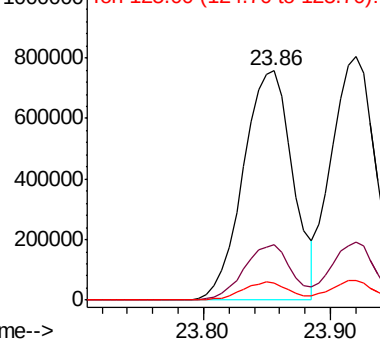


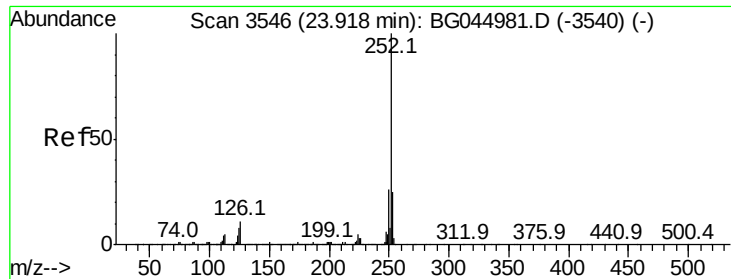
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 54.375 ng

RT: 23.92 min Scan# 3546

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

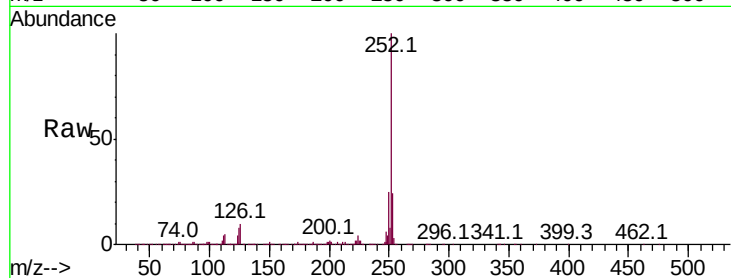
Tot Ion:252 Resp: 1931275

Ion Ratio Lower Upper

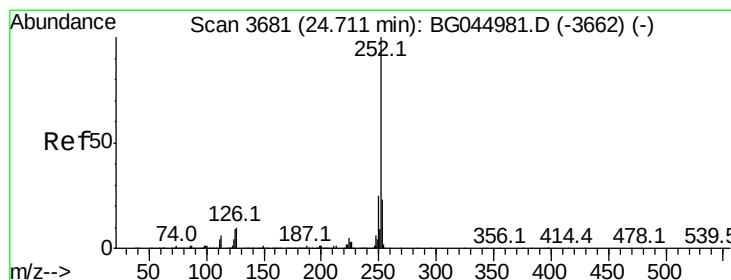
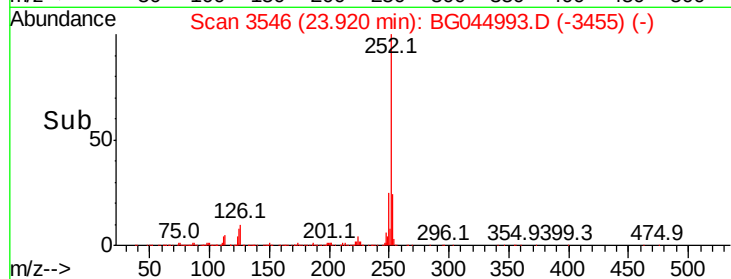
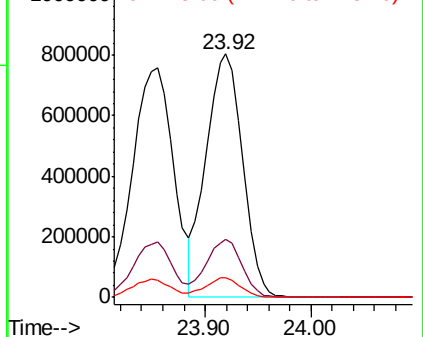
252 100

253 23.9 19.2 28.8

125 7.8 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 52.779 ng

RT: 24.71 min Scan# 3681

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

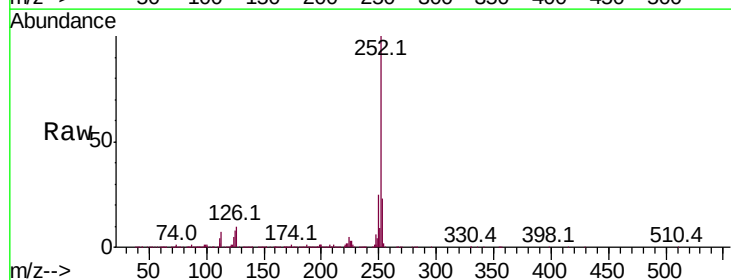
Tgt Ion:252 Resp: 1861088

Ion Ratio Lower Upper

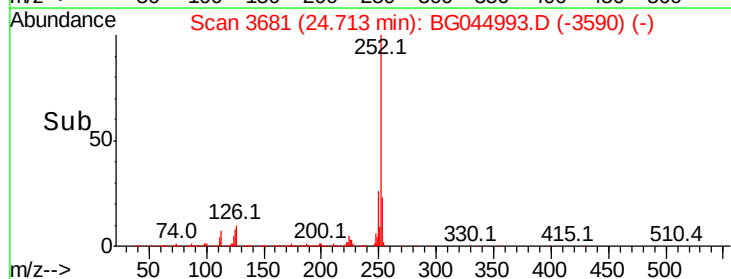
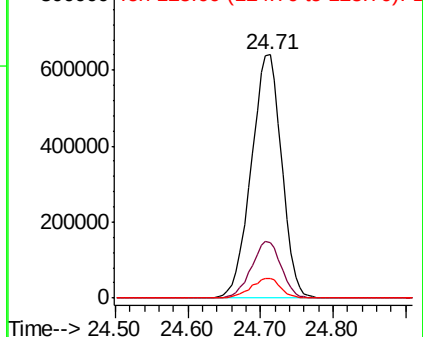
252 100

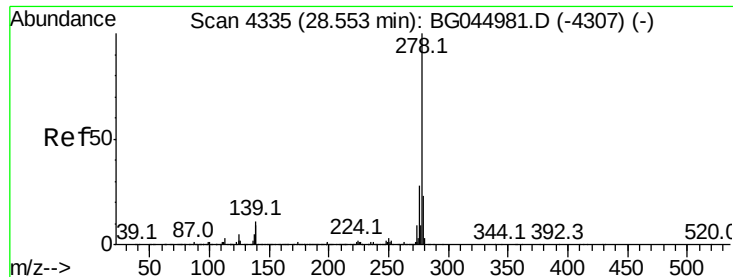
253 22.9 18.3 27.5

125 8.2 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 55.404 ng

RT: 28.55 min Scan# 4334

Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

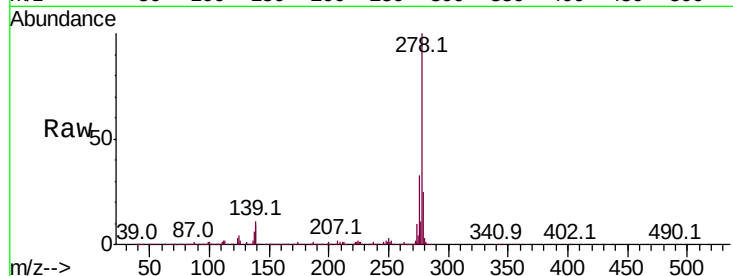
Tot Ion:278 Resp: 1968579

Ion Ratio Lower Upper

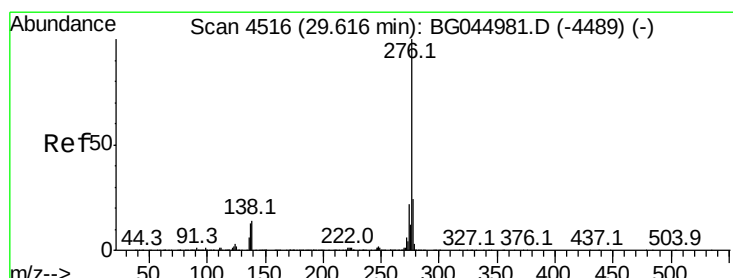
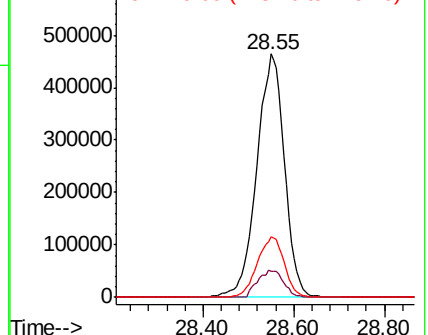
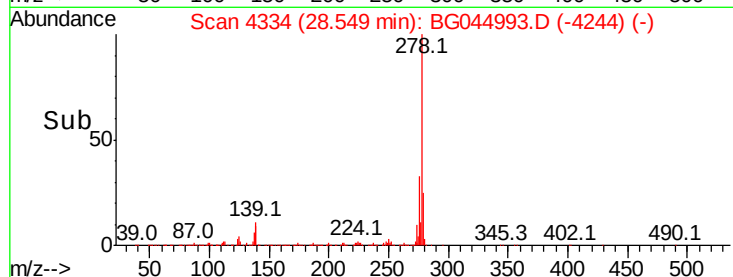
278 100

139 10.8 9.0 13.6

279 24.7 18.4 27.6



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: 54.940 ng

RT: 29.62 min Scan# 4516

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

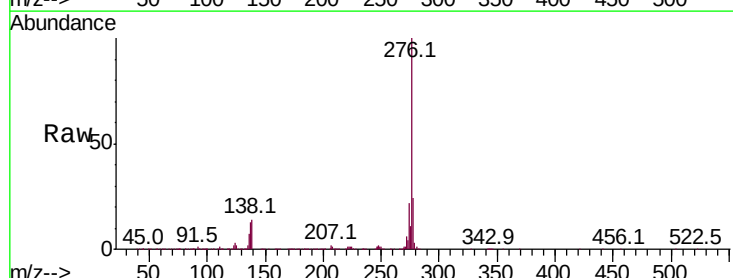
Tgt Ion:276 Resp: 1957088

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 13.7 11.4 17.2



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

