

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
 Data File : BG046556.D
 Acq On : 8 Sep 2020 13:54
 Operator : CG/JU
 Sample : L3919-05MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11MS

Quant Time: Sep 08 14:33:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	64462	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	273134	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	200890	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	506618	20.00	ng	0.00
76) Chrysene-d12	21.55	240	488085	20.00	ng	0.00
86) Perylene-d12	24.65	264	500582	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	461980	126.94	ng	0.00
7) Phenol-d6	7.10	99	620111	120.19	ng	0.00
23) Nitrobenzene-d5	9.08	82	401337	83.98	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	325322	119.52	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1049986	79.79	ng	0.00
79) Terphenyl-d14	19.92	244	1662668	72.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	53242	35.163	ng	97
3) Pyridine	3.81	79	156427	35.310	ng	97
4) n-Nitrosodimethylamine	3.72	42	71294	43.633	ng	99
6) Aniline	7.25	93	185977	32.033	ng	99
8) 2-Chlorophenol	7.50	128	181208	47.109	ng	99
9) Benzaldehyde	7.06	77	99436	34.400	ng	95
10) Phenol	7.13	94	226700	47.706	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	161234	42.211	ng	99
12) 1,3-Dichlorobenzene	7.82	146	199601	40.871	ng	97
13) 1,4-Dichlorobenzene	7.96	146	202716	41.462	ng	99
14) 1,2-Dichlorobenzene	8.28	146	199369	42.527	ng	99
15) Benzyl Alcohol	8.17	79	162756	49.135	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	250950	42.356	ng	99
17) 2-Methylphenol	8.38	107	163361	48.474	ng	97
18) Hexachloroethane	9.01	117	67062	40.453	ng	94
19) n-Nitroso-di-n-propylamine	8.73	70	138553	44.895	ng	96
20) 3+4-Methylphenols	8.70	107	223579	48.065	ng	98
22) Acetophenone	8.75	105	261237	39.292	ng	# 99
24) Nitrobenzene	9.12	77	194894	41.281	ng	97
25) Isophorone	9.65	82	379598	43.326	ng	99
26) 2-Nitrophenol	9.83	139	108969	43.746	ng	93
27) 2,4-Dimethylphenol	9.91	122	180879	52.796	ng	96
28) bis(2-Chloroethoxy)methane	10.13	93	230638	40.899	ng	99
29) 2,4-Dichlorophenol	10.38	162	208925	45.745	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	210627	38.869	ng	98
31) Naphthalene	10.77	128	553913	41.535	ng	99
32) Benzoic acid	10.06	122	96044	40.165	ng	97
33) 4-Chloroaniline	10.88	127	138794	23.602	ng	98
34) Hexachlorobutadiene	11.07	225	135149	38.419	ng	100
35) Caprolactam	11.66	113	51143	29.957	ng	96
36) 4-Chloro-3-methylphenol	12.01	107	216423	48.450	ng	94
37) 2-Methylnaphthalene	12.38	142	446869	42.487	ng	99
38) 1-Methylnaphthalene	12.60	142	418463	42.002	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	267535	40.385	ng	99

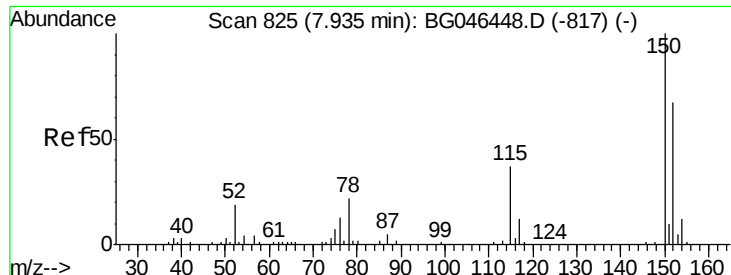
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
 Data File : BG046556.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	288085	100.011	nq	98
43) 2,4,6-Trichlorophenol	13.00	196	195913	43.824	nq	97
44) 2,4,5-Trichlorophenol	13.07	196	213430	45.440	nq	97
46) 1,1'-Biphenyl	13.39	154	587642	42.044	nq	99
47) 2-Chloronaphthalene	13.44	162	469896	39.652	nq	97
48) 2-Nitroaniline	13.64	65	138418	42.065	nq	99
49) Acenaphthylene	14.28	152	754621	41.979	nq	99
50) Dimethylphthalate	14.02	163	768391	49.440	nq	99
51) 2,6-Dinitrotoluene	14.13	165	147522	43.060	nq	98
52) Acenaphthene	14.62	154	458424	41.153	nq	98
53) 3-Nitroaniline	14.46	138	99172	26.724	nq	96
54) 2,4-Dinitrophenol	14.68	184	154450	77.234	nq	98
55) Dibenzofuran	14.96	168	750950	42.007	nq	99
56) 4-Nitrophenol	14.79	139	249509	91.357	nq	98
57) 2,4-Dinitrotoluene	14.92	165	212738	43.549	nq	98
58) Fluorene	15.61	166	639404	42.615	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	207042	45.393	nq	98
60) Diethylphthalate	15.38	149	640403	42.262	nq	99
61) 4-Chlorophenyl-phenylether	15.60	204	345684	41.833	nq	97
62) 4-Nitroaniline	15.63	138	153273	39.143	nq	96
63) Azobenzene	15.89	77	533901	43.314	nq	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	133294	46.485	nq	96
66) n-Nitrosodiphenylamine	15.82	169	585623	42.848	nq	99
67) 4-Bromophenyl-phenylether	16.49	248	243265	41.158	nq	96
68) Hexachlorobenzene	16.62	284	257108	39.278	nq	98
69) Atrazine	16.76	200	188320	33.775	nq	100
70) Pentachlorophenol	16.96	266	298743	87.350	nq	99
71) Phenanthrene	17.35	178	1049323	40.863	nq	99
72) Anthracene	17.44	178	1078527	42.570	nq	99
73) Carbazole	17.70	167	982321	41.065	nq	100
74) Di-n-butylphthalate	18.27	149	1122736	40.817	nq	100
75) Fluoranthene	19.36	202	1301547	39.386	nq	99
77) Benzidine	19.54	184	552649	48.728	nq	99
78) Pyrene	19.72	202	1297467	41.745	nq	100
80) Butylbenzylphthalate	20.60	149	496433	40.949	nq	96
81) Benzo(a)anthracene	21.53	228	1238517	40.711	nq	99
82) 3,3'-Dichlorobenzidine	21.45	252	308279	27.306	nq	99
83) Chrysene	21.60	228	1207772	41.272	nq	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	723972	43.760	nq	100
85) Di-n-octyl phthalate	22.62	149	1214205	42.862	nq	99
87) Indeno(1,2,3-cd)pyrene	28.17	276	1498722	41.686	nq	100
88) Benzo(b)fluoranthene	23.68	252	1294499	41.415	nq	98
89) Benzo(k)fluoranthene	23.74	252	1257747	41.636	nq	99
90) Benzo(a)pyrene	24.51	252	1182387	40.535	nq	99
91) Dibenzo(a,h)anthracene	28.23	278	1234515	42.551	nq	98
92) Benzo(g,h,i)perylene	29.26	276	1252307	43.225	nq	98

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

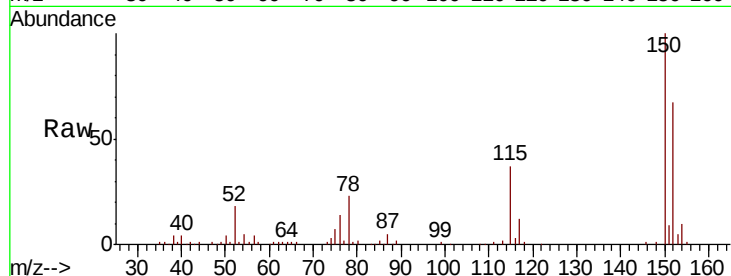


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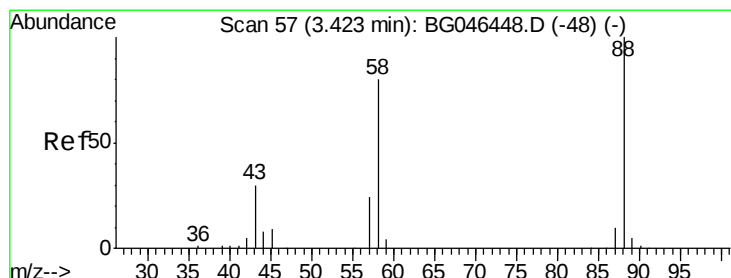
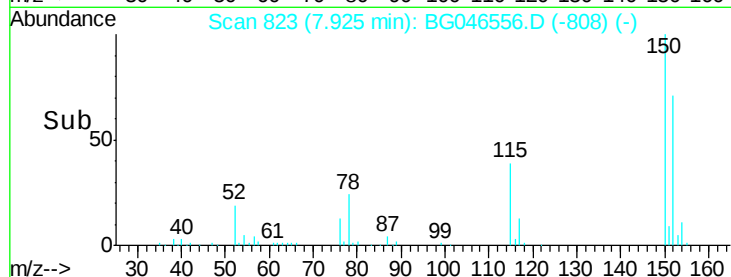
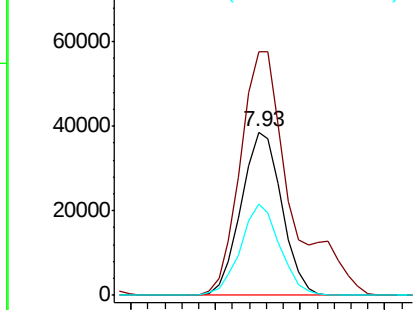
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG046556.D
 Acq: 8 Sep 2020 13:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-11MS

Tot Ion:152 Resp: 64462
 Ion Ratio Lower Upper
 152 100
 150 149.0 119.5 179.3
 115 55.7 44.3 66.5



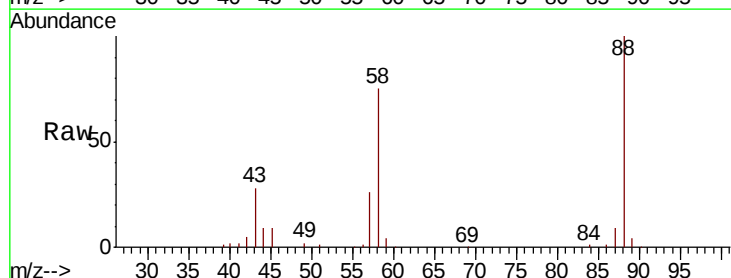
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



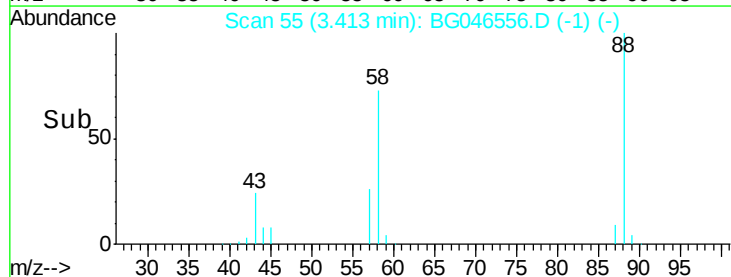
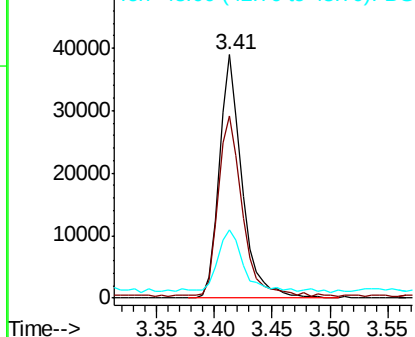
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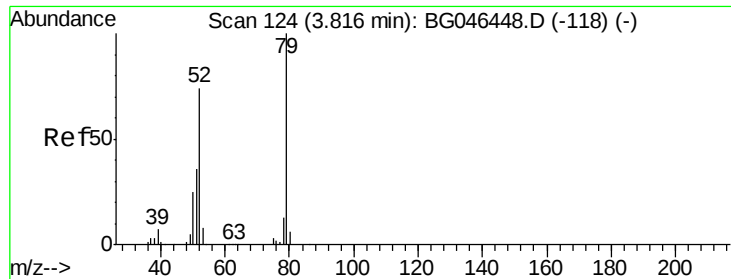
1,4-Dioxane
 Concen: 35.163 ng
 RT: 3.41 min Scan# 55
 Delta R.T. -0.01 min
 Lab File: BG046556.D
 Acq: 8 Sep 2020 13:54

Tgt Ion: 88 Resp: 53242
 Ion Ratio Lower Upper
 88 100
 58 80.0 61.4 92.2
 43 26.9 21.6 32.4



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: 35.310 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.01 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Instrument :

BNA_G

ClientSampleId :

TP-11MS

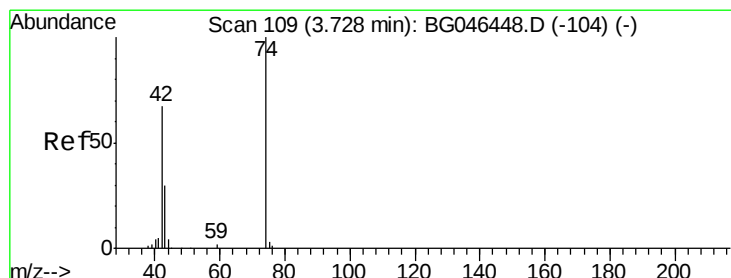
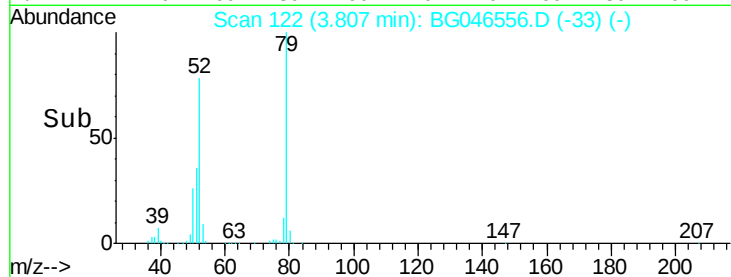
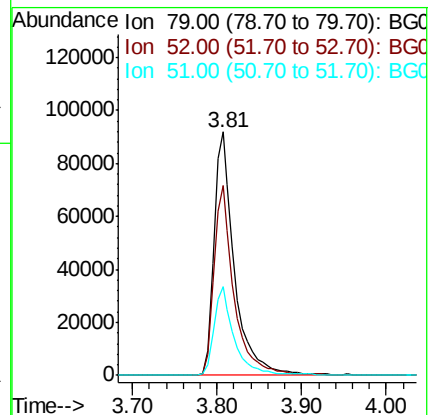
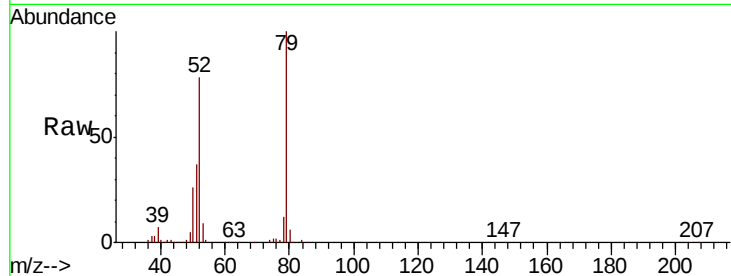
Tot Ion: 79 Resp: 156427

Ion Ratio Lower Upper

79 100

52 77.8 59.1 88.7

51 36.7 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 43.633 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

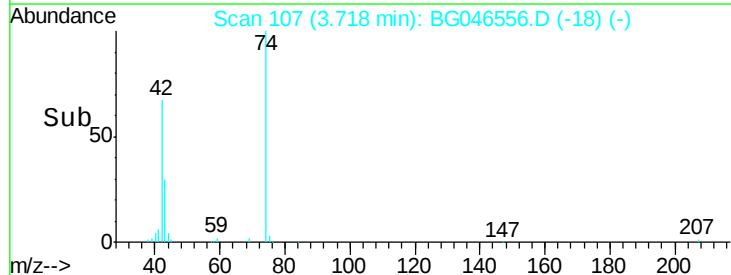
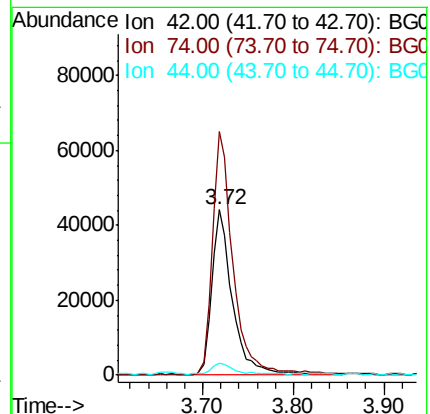
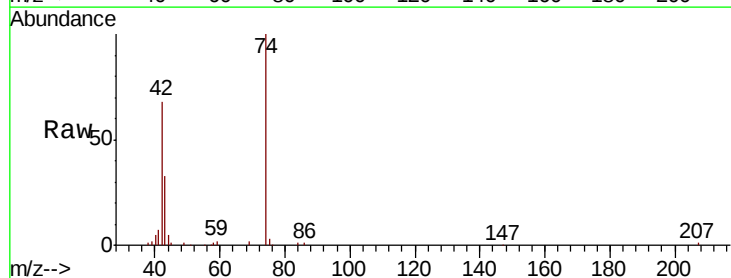
Tgt Ion: 42 Resp: 71294

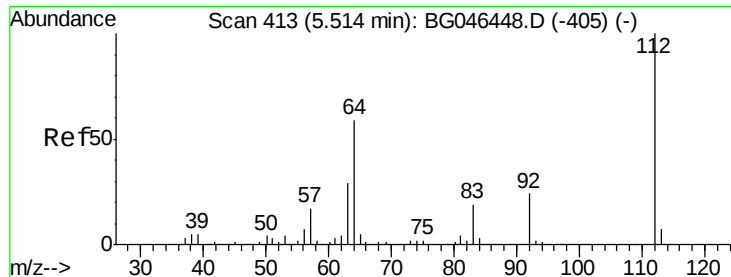
Ion Ratio Lower Upper

42 100

74 147.5 119.5 179.3

44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 126.936 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Instrument :

BNA_G

ClientSampleId :

TP-11MS

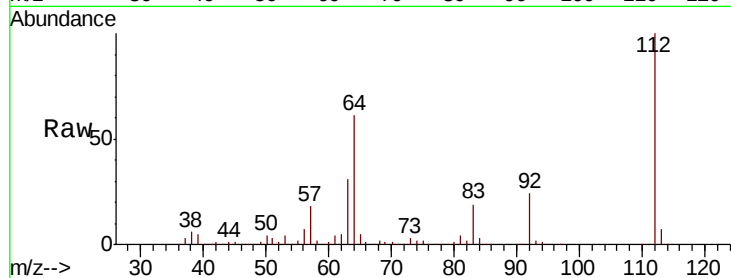
Tot Ion:112 Resp: 461980

Ion Ratio Lower Upper

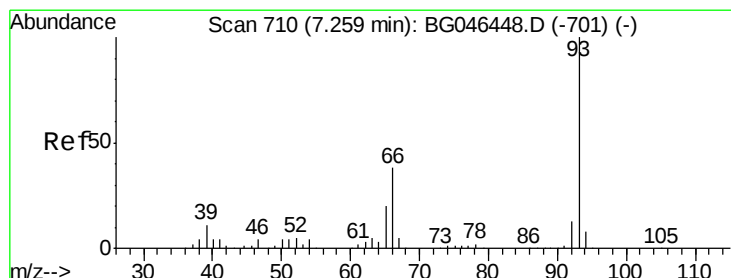
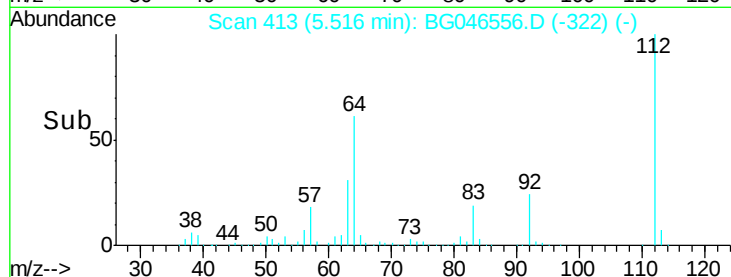
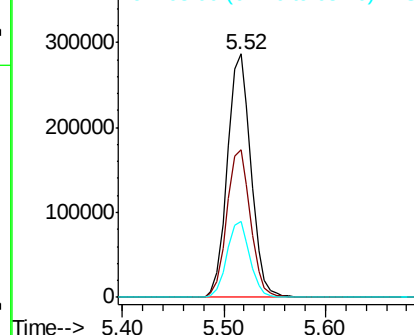
112 100

64 60.8 47.0 70.6

63 31.1 23.5 35.3



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: 32.033 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

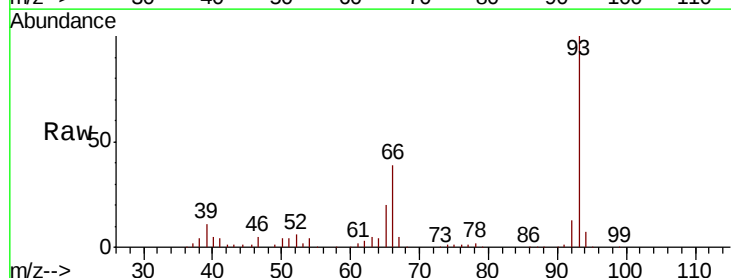
Tgt Ion: 93 Resp: 185977

Ion Ratio Lower Upper

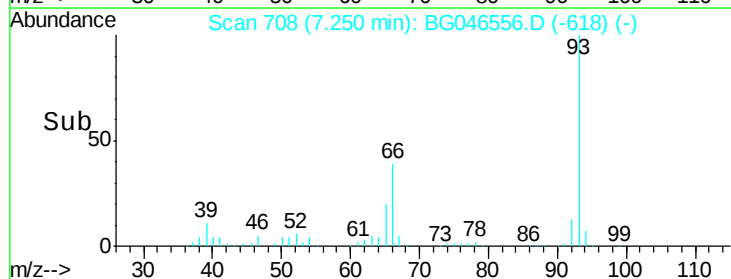
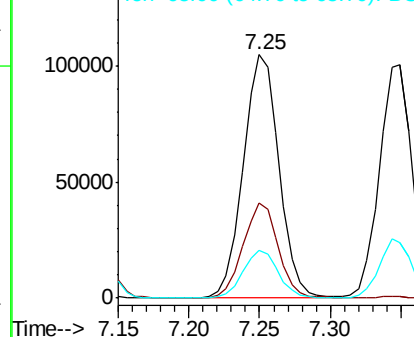
93 100

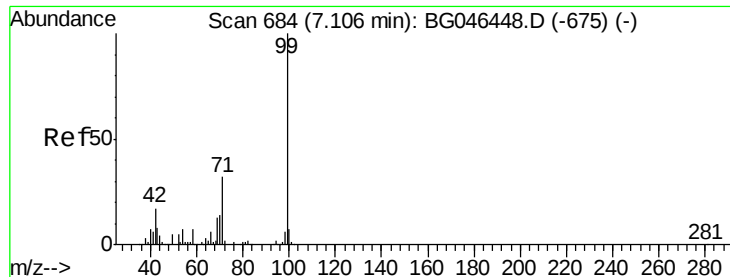
66 39.1 30.4 45.6

65 19.7 15.8 23.6



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: 120.192 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Instrument :

BNA_G

ClientSampleId :

TP-11MS

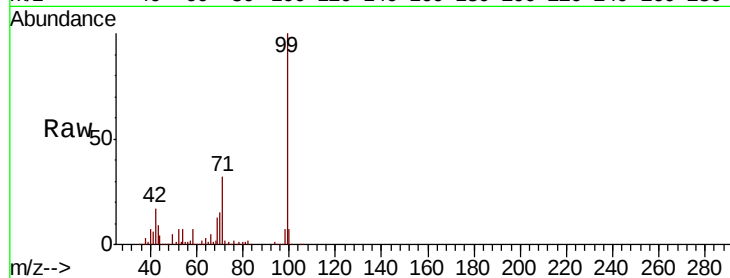
Tot Ion: 99 Resp: 620111

Ion Ratio Lower Upper

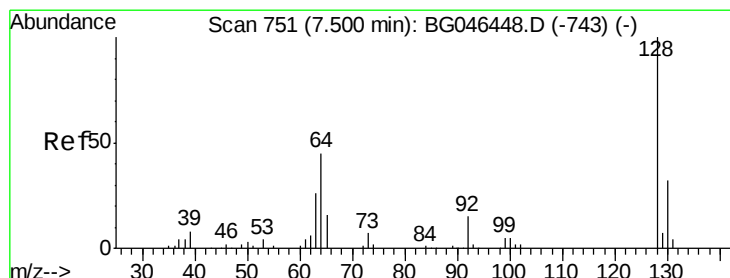
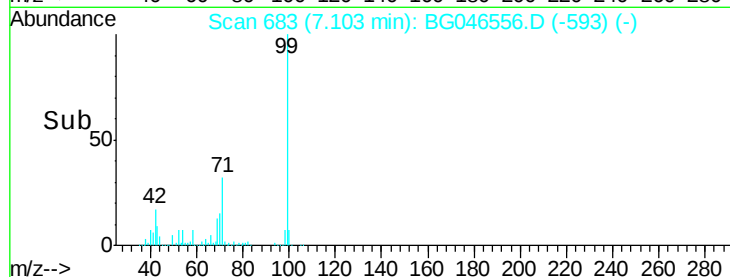
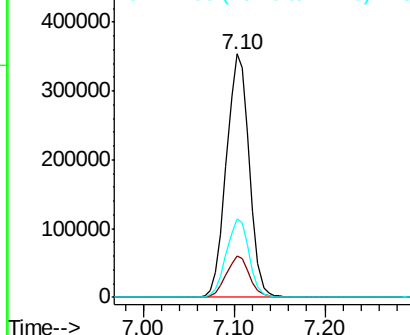
99 100

42 16.9 13.3 19.9

71 32.0 25.3 37.9



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 47.109 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

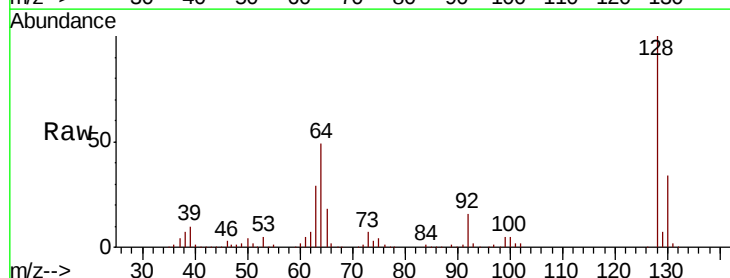
Tgt Ion: 128 Resp: 181208

Ion Ratio Lower Upper

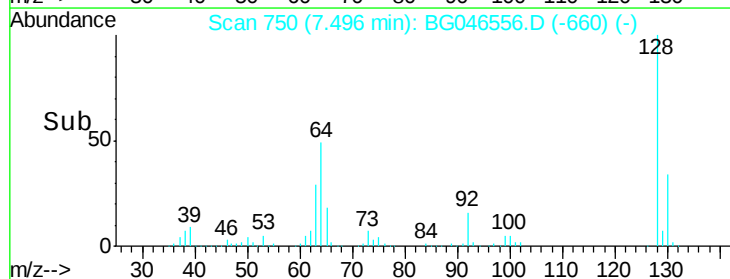
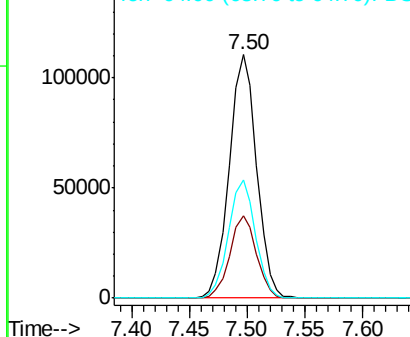
128 100

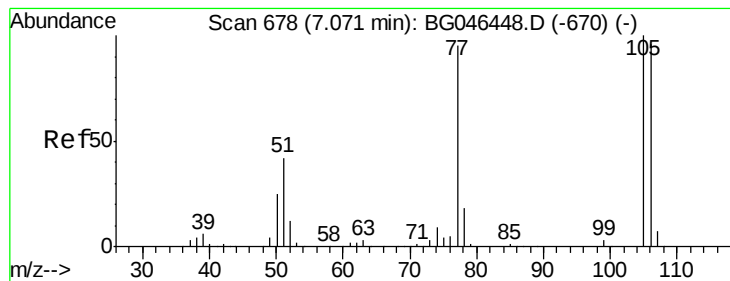
130 33.6 12.4 52.4

64 48.5 28.1 68.1



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 34.400 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Instrument :

BNA_G

ClientSampled :

TP-11MS

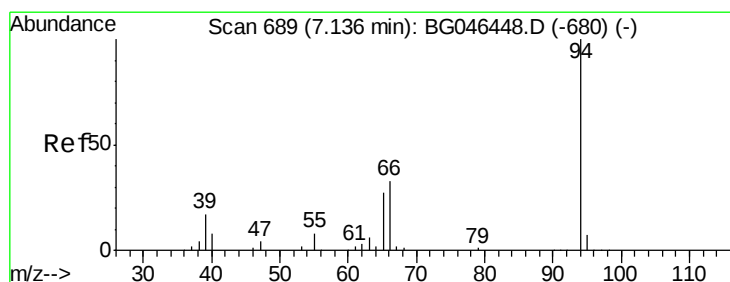
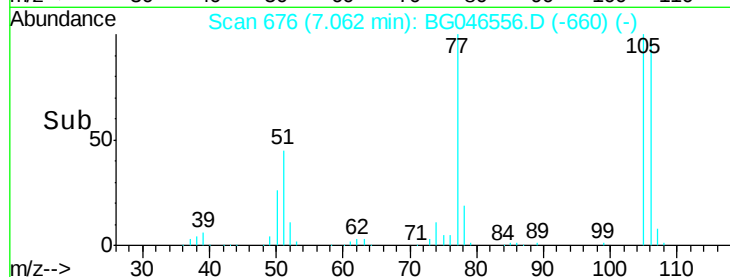
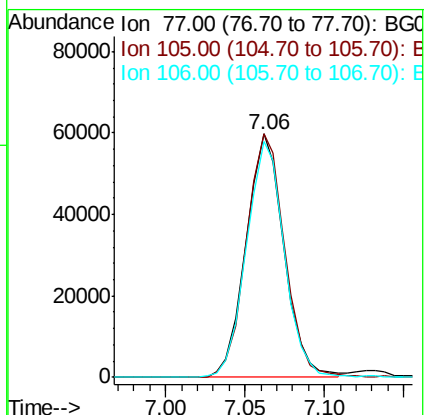
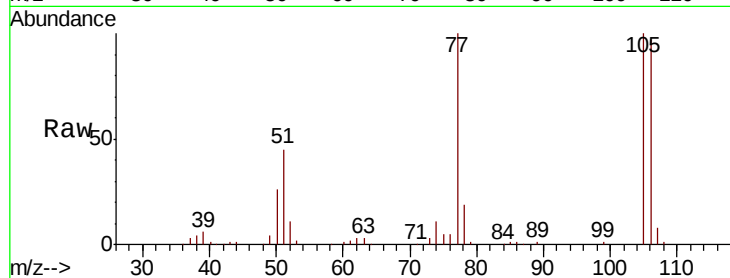
Tot Ion: 77 Resp: 99436

Ion Ratio Lower Upper

77 100

105 99.9 85.6 125.6

106 96.8 80.8 120.8



#10

Phenol

Concen: 47.706 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

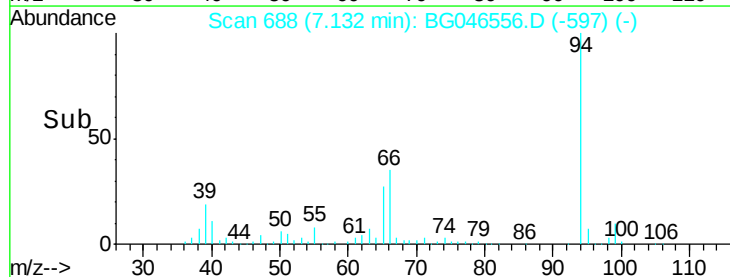
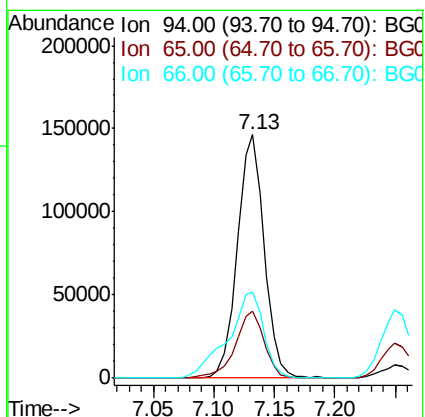
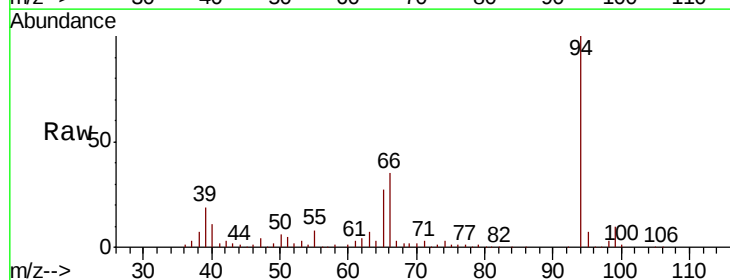
Tgt Ion: 94 Resp: 226700

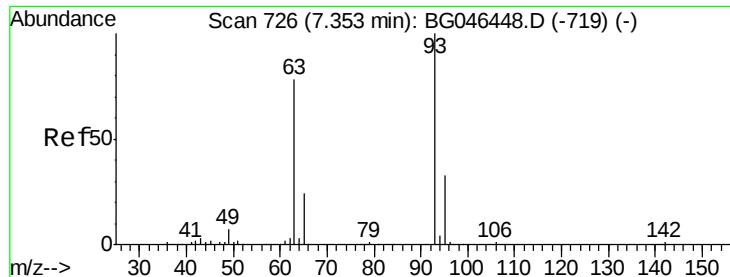
Ion Ratio Lower Upper

94 100

65 27.4 7.5 47.5

66 35.2 14.1 54.1



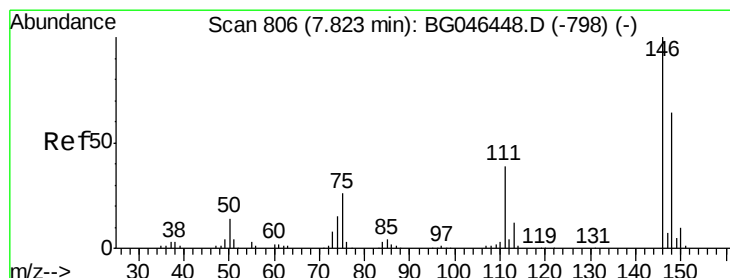
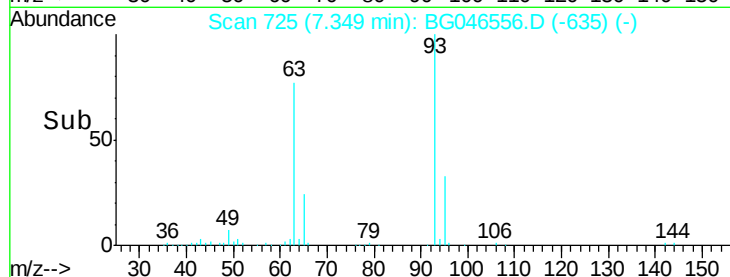
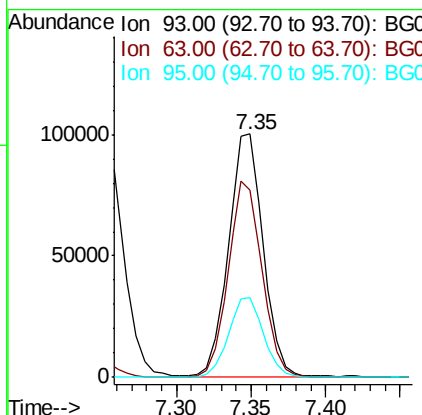
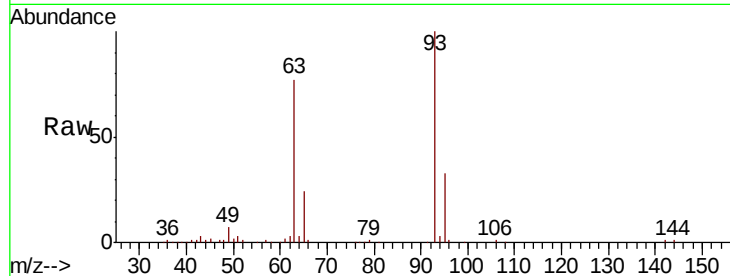


#11
 bis(2-Chloroethyl)ether
 Concen: 42.211 ng
 RT: 7.35 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BG046556.D
 Acq: 8 Sep 2020 13:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-11MS

Tot Ion: 93 Resp: 161234

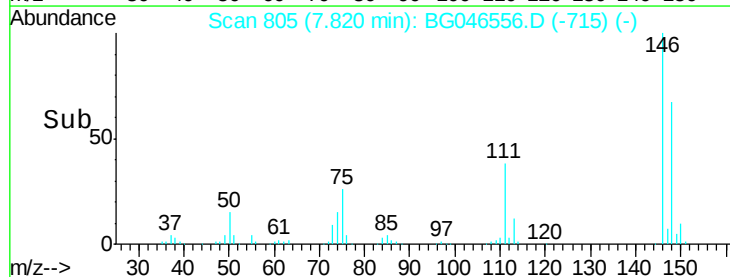
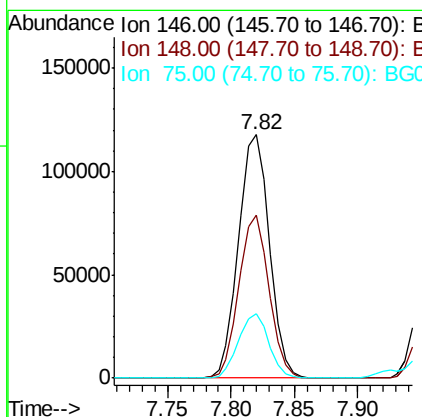
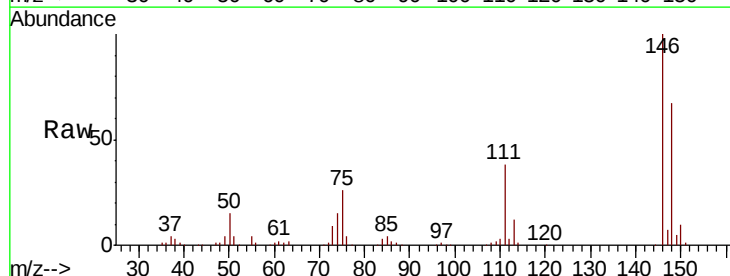
Ion	Ratio	Lower	Upper
93	100		
63	76.9	57.7	97.7
95	32.5	12.3	52.3

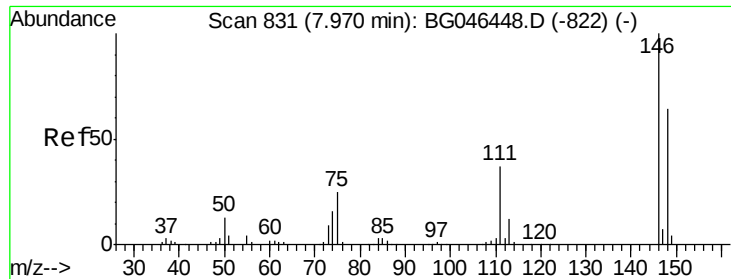


#12
 1,3-Dichlorobenzene
 Concen: 40.871 ng
 RT: 7.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BG046556.D
 Acq: 8 Sep 2020 13:54

Tgt Ion: 146 Resp: 199601

Ion	Ratio	Lower	Upper
146	100		
148	67.1	51.4	77.0
75	26.3	20.7	31.1

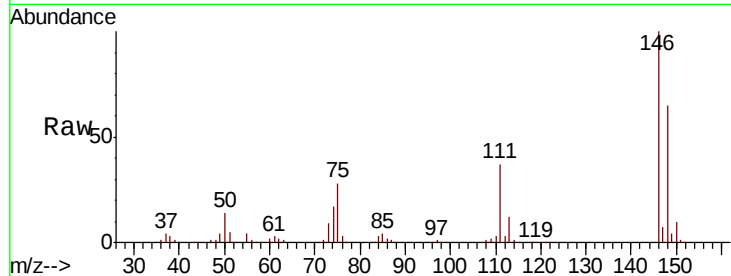




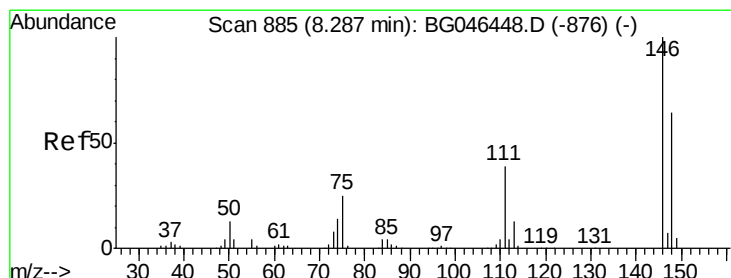
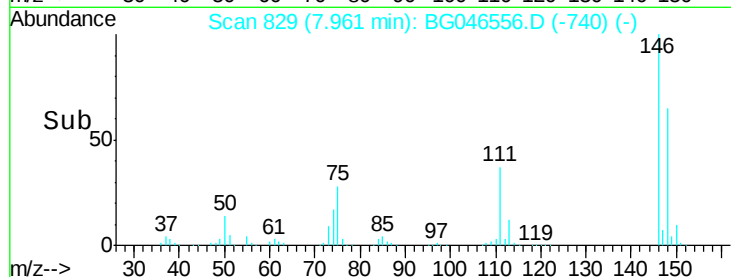
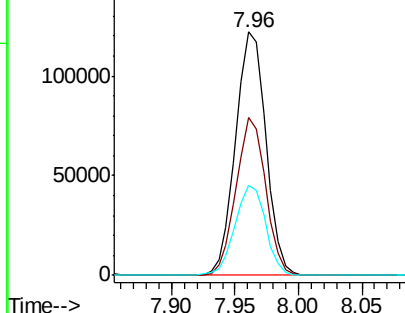
#13
 1,4-Dichlorobenzene
 Concen: 41.462 ng
 RT: 7.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BG046556.D
 Acq: 8 Sep 2020 13:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-11MS

Tot Ion:146 Resp: 202716
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.9 76.3
 111 37.2 29.8 44.6

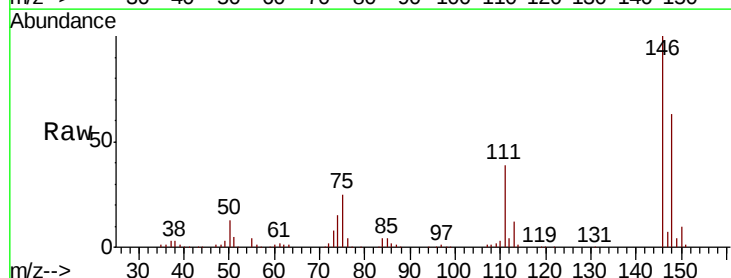


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

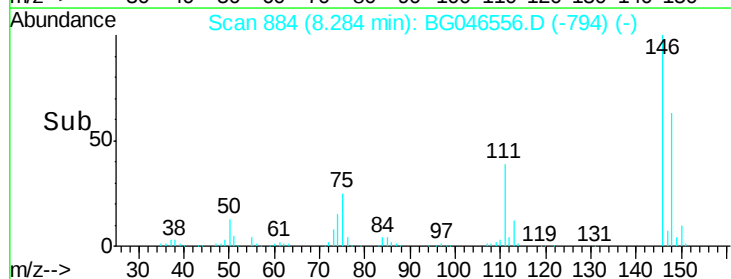
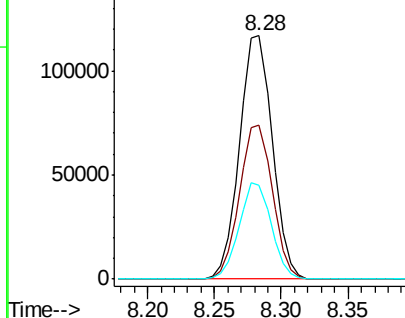


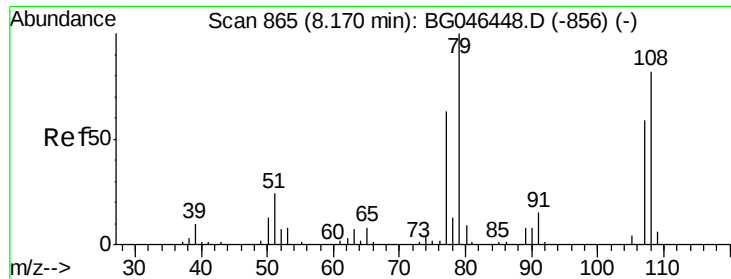
#14
 1,2-Dichlorobenzene
 Concen: 42.527 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG046556.D
 Acq: 8 Sep 2020 13:54

Tgt Ion:146 Resp: 199369
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.4 77.0
 111 38.7 31.4 47.2



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





#15

Benzyl Alcohol

Concen: 49.135 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Instrument :

BNA_G

ClientSampleId :

TP-11MS

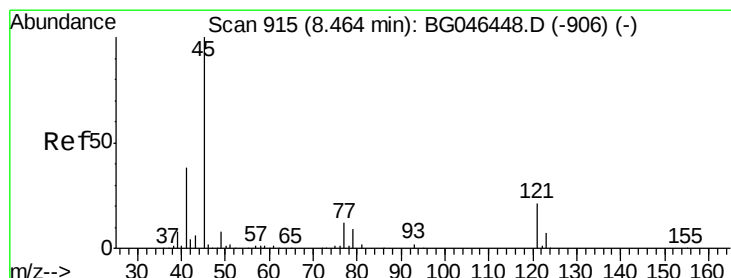
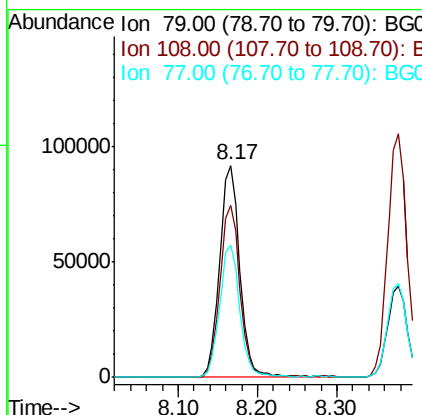
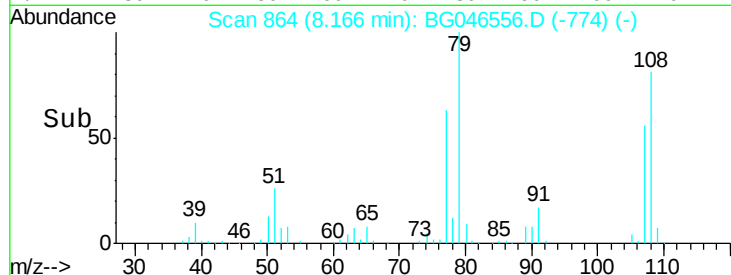
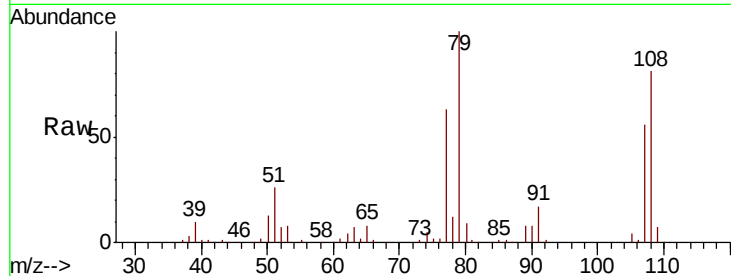
Tot Ion: 79 Resp: 162756

Ion Ratio Lower Upper

79 100

108 81.0 65.7 98.5

77 62.6 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.356 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

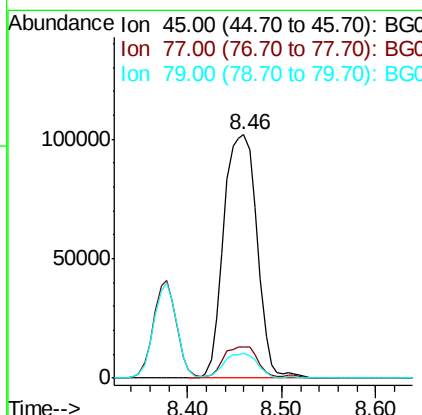
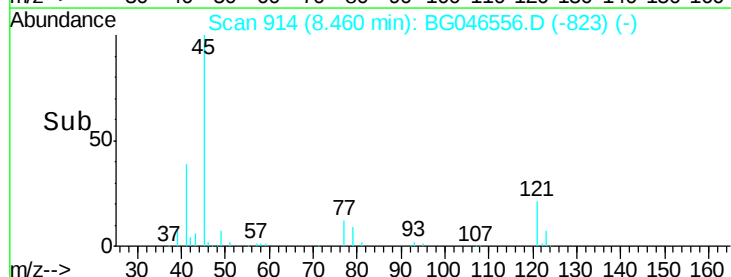
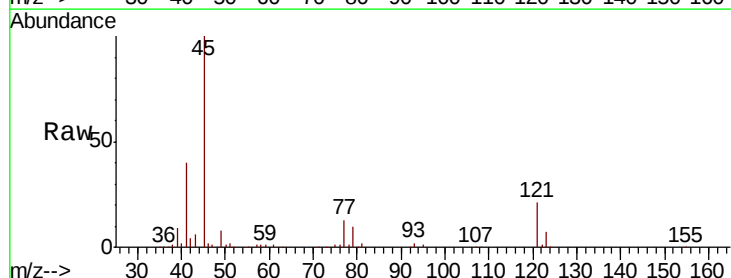
Tgt Ion: 45 Resp: 250950

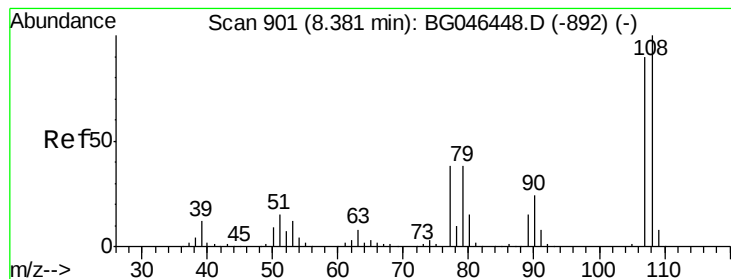
Ion Ratio Lower Upper

45 100

77 12.7 0.0 33.2

79 10.2 0.0 30.3





#17

2-Methylphenol

Concen: 48.474 ng

RT: 8.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Instrument :

BNA_G

ClientSampleId :

TP-11MS

Tot Ion:107 Resp: 163361

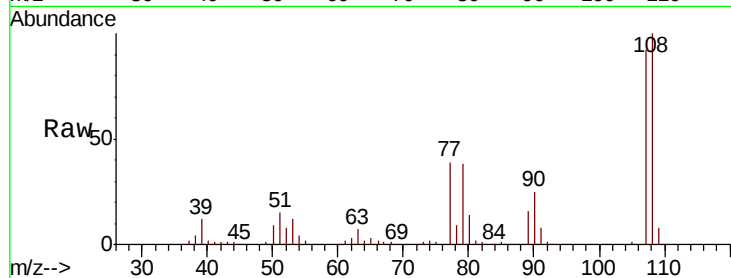
Ion Ratio Lower Upper

107 100

108 108.3 89.4 134.0

77 41.7 34.5 51.7

79 40.6 33.8 50.6

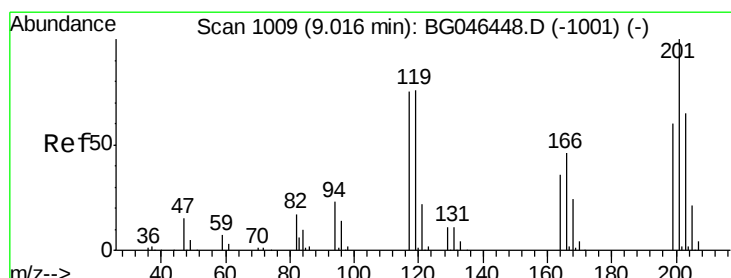
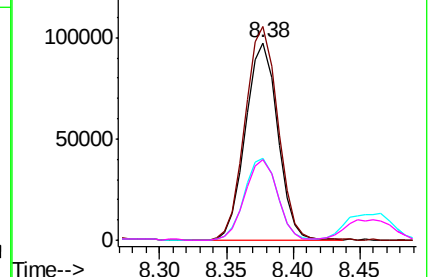
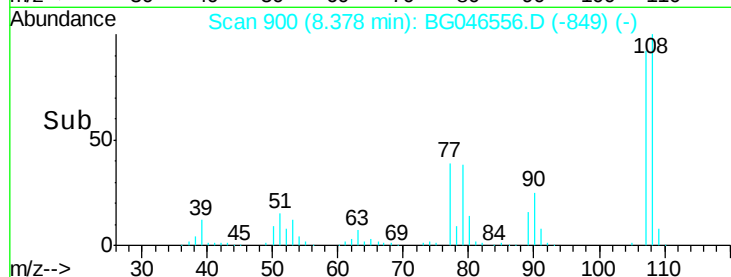


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.453 ng

RT: 9.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

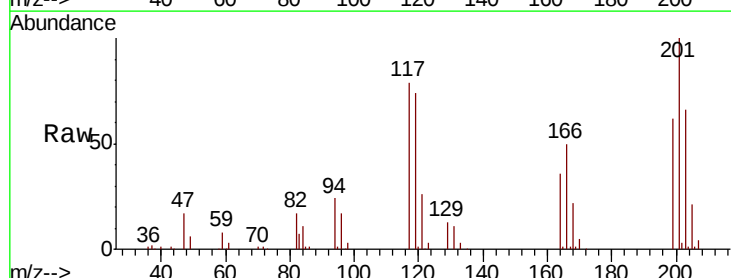
Tgt Ion:117 Resp: 67062

Ion Ratio Lower Upper

117 100

119 93.7 80.8 121.2

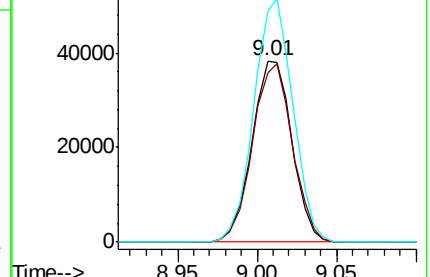
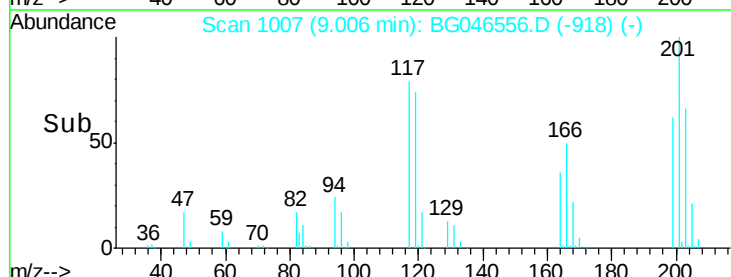
201 127.3 106.7 160.1

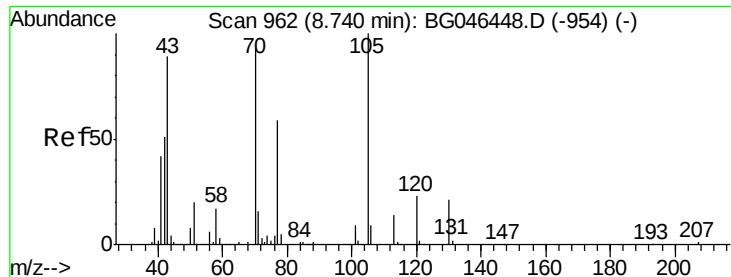


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

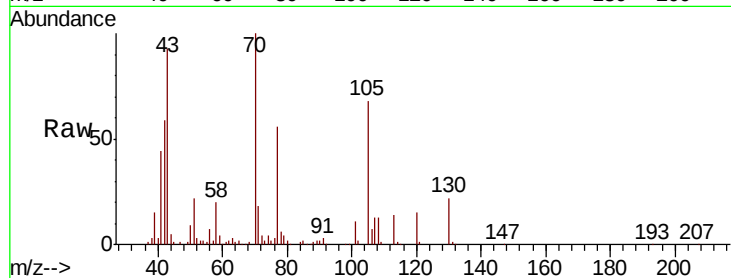




#19
n-Nitroso-di-n-propylamine
Concen: 44.895 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

Instrument :
BNA_G
ClientSampleId :
TP-11MS

Tot Ion:	70	Resp:	138553
Ion	Ratio	Lower	Upper
70	100		
42	59.1	44.2	66.2
101	11.2	7.8	11.8
130	21.7	18.2	27.4



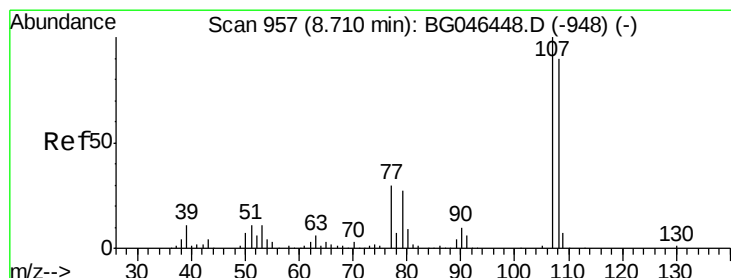
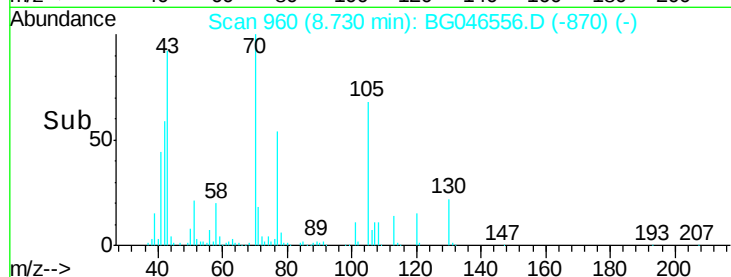
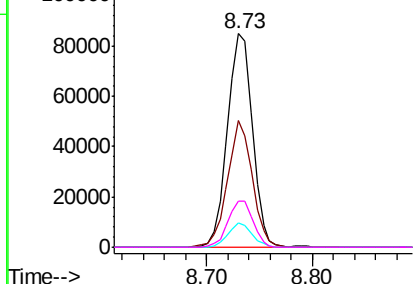
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

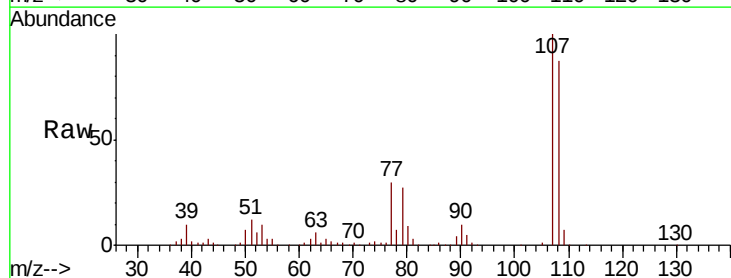
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 48.065 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

Tgt Ion:	107	Resp:	223579
Ion	Ratio	Lower	Upper
107	100		
108	87.1	69.7	109.7
77	30.2	9.7	49.7
79	26.8	6.9	46.9



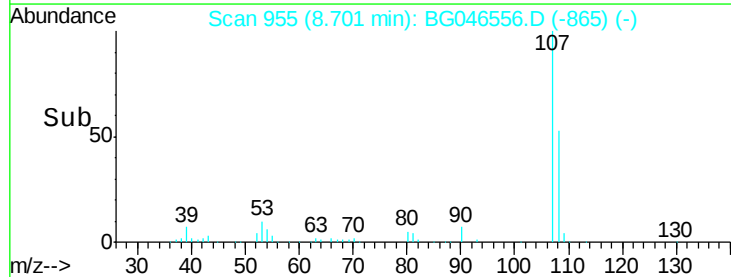
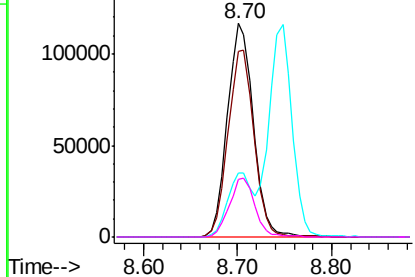
Abundance

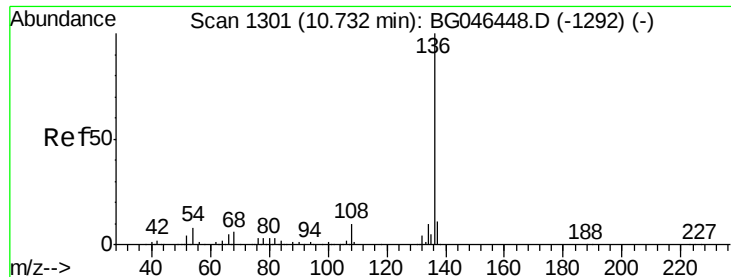
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Instrument :

BNA_G

ClientSampleId :

TP-11MS

Tot Ion:136 Resp: 273134

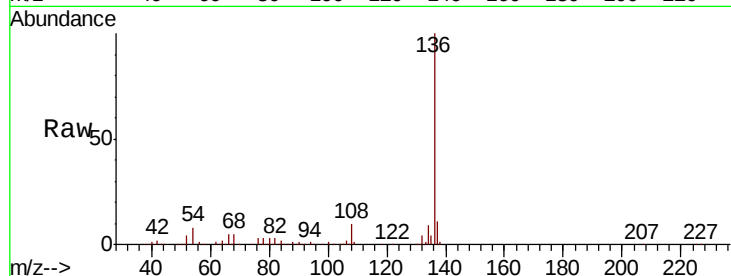
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.6 6.1 9.1

68 5.4 4.8 7.2

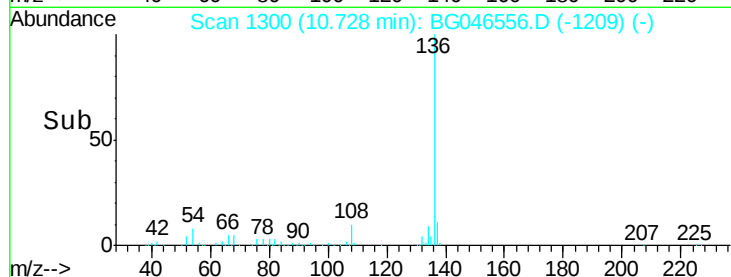


Abundance Ion 136.00 (135.70 to 136.70): E

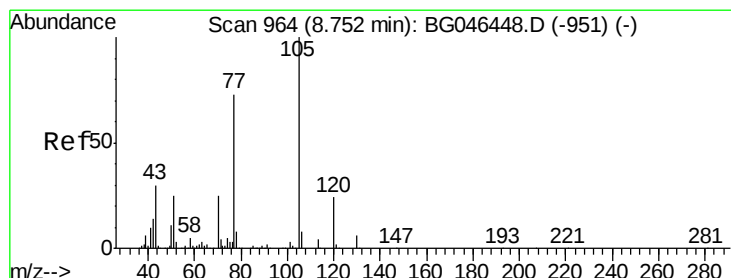
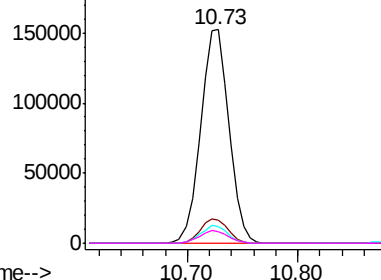
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 39.292 ng

RT: 8.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Tgt Ion:105 Resp: 261237

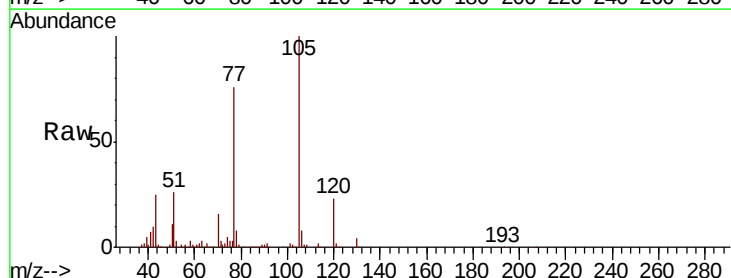
Ion Ratio Lower Upper

105 100

71 2.7 3.3 4.9#

51 26.0 20.6 31.0

120 23.2 19.0 28.6

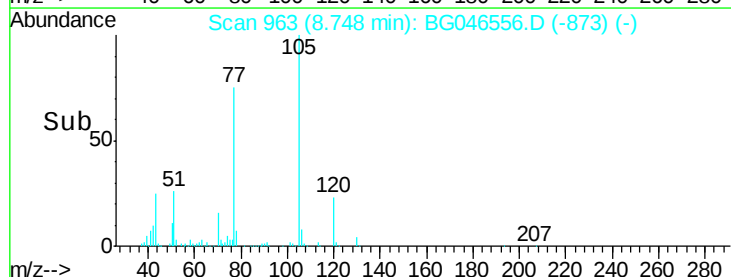


Abundance Ion 105.00 (104.70 to 105.70): E

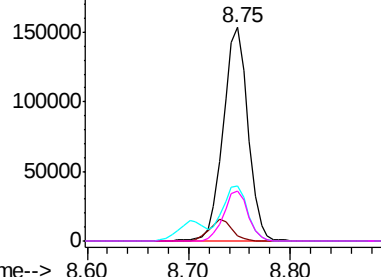
Ion 71.00 (70.70 to 71.70): BGC

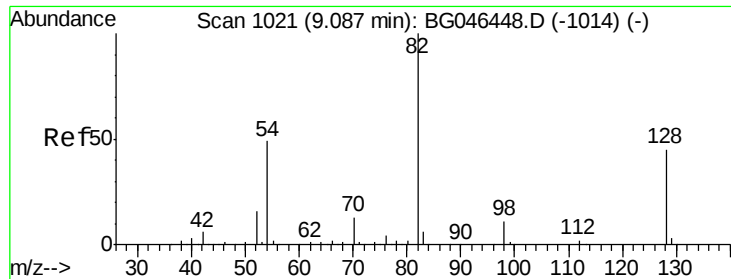
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->

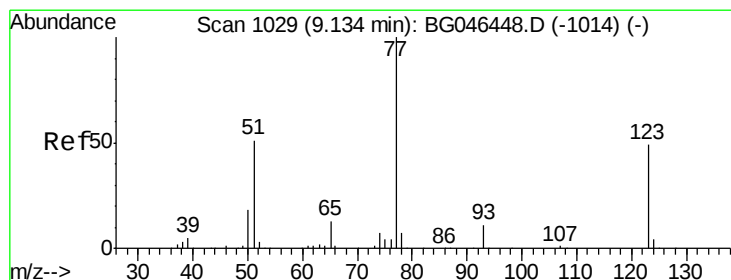
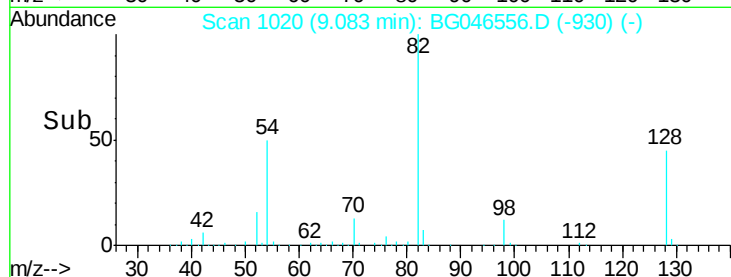
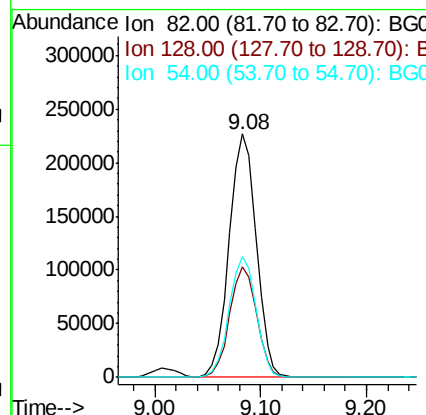
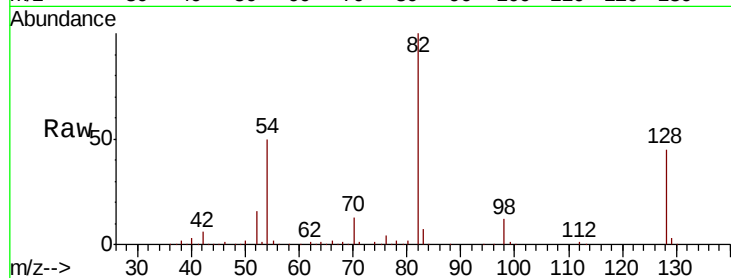




#23
Nitrobenzene-d5
Concen: 83.982 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

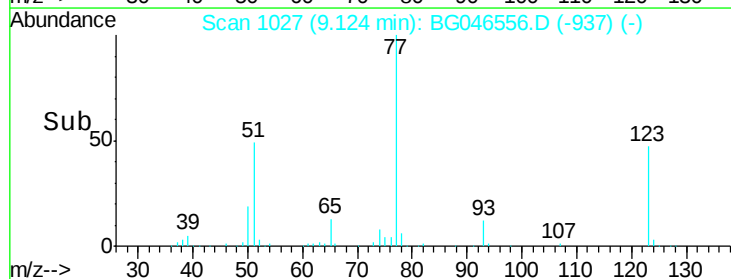
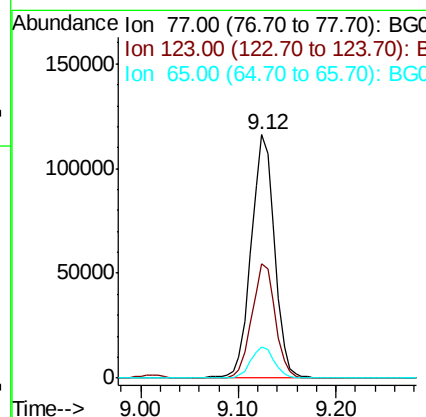
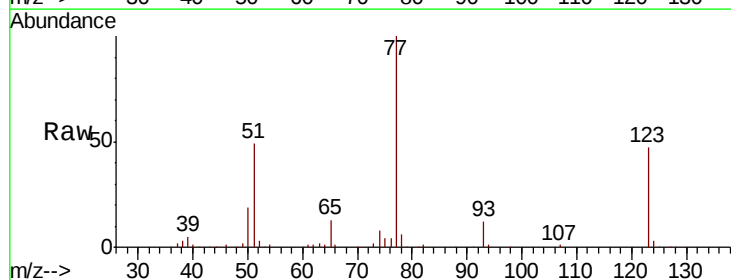
Instrument :
BNA_G
ClientSampleId :
TP-11MS

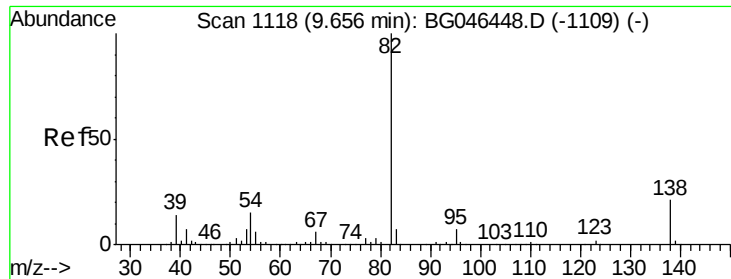
Tot Ion: 82 Resp: 401337
Ion Ratio Lower Upper
82 100
128 45.5 35.7 53.5
54 49.6 39.4 59.0



#24
Nitrobenzene
Concen: 41.281 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

Tgt Ion: 77 Resp: 194894
Ion Ratio Lower Upper
77 100
123 47.1 39.6 59.4
65 12.7 10.1 15.1





#25

Isophorone

Concen: 43.326 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Instrument :

BNA_G

ClientSampleId :

TP-11MS

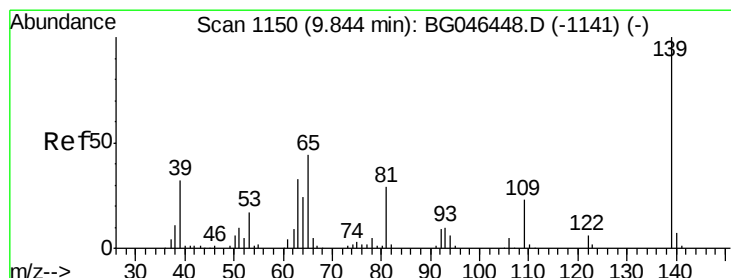
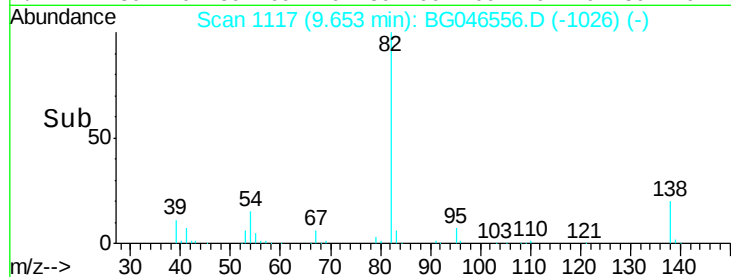
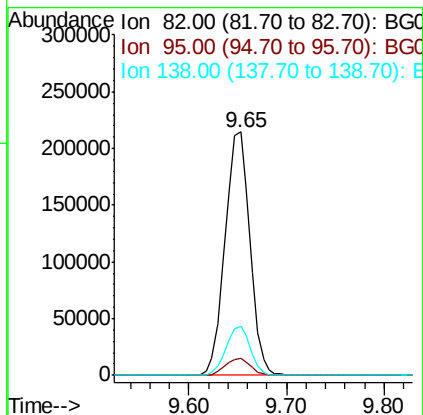
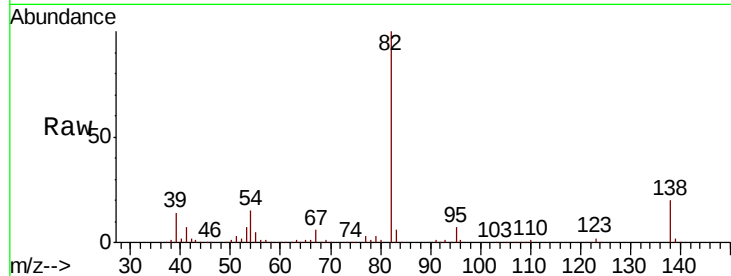
Tot Ion: 82 Resp: 379598

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

138 20.2 16.4 24.6



#26

2-Nitrophenol

Concen: 43.746 ng

RT: 9.83 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

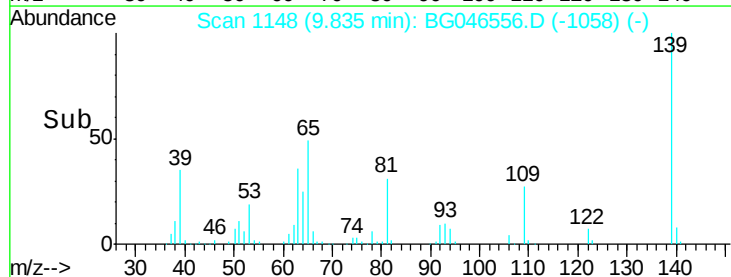
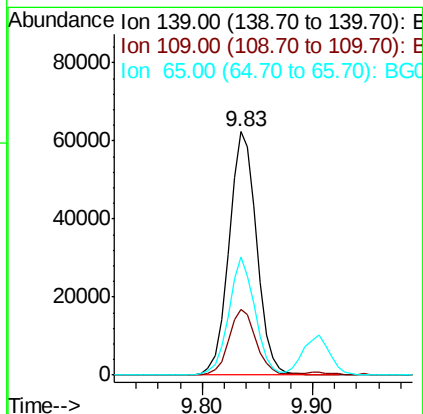
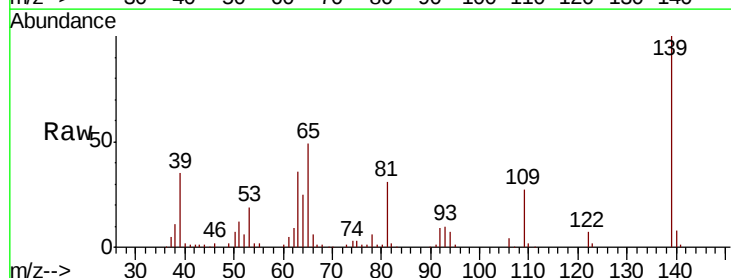
Tgt Ion: 139 Resp: 108969

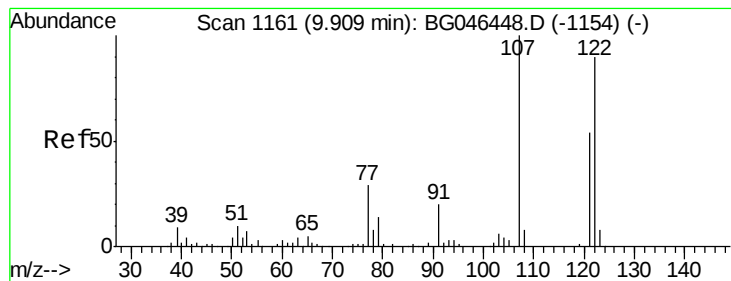
Ion Ratio Lower Upper

139 100

109 27.2 18.8 28.2

65 48.5 35.0 52.6





#27

2,4-Dimethylphenol

Concen: 52.796 ng

RT: 9.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Instrument :

BNA_G

ClientSampleId :

TP-11MS

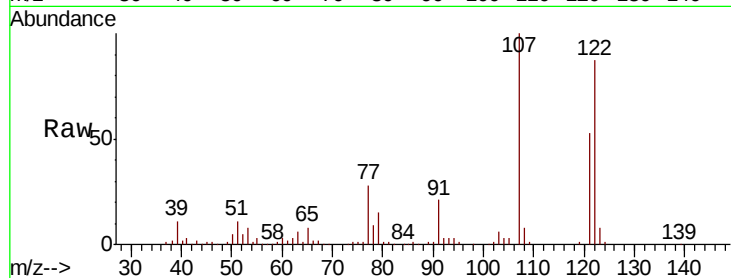
Tot Ion:122 Resp: 180879

Ion Ratio Lower Upper

122 100

107 115.5 88.2 132.2

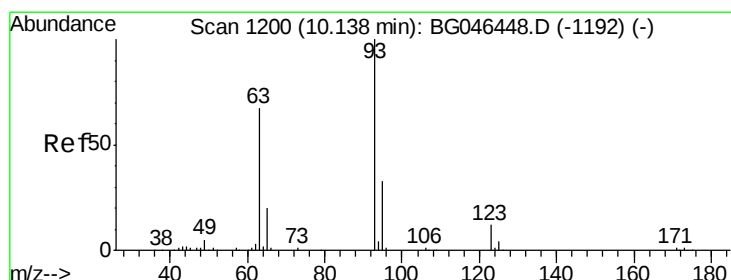
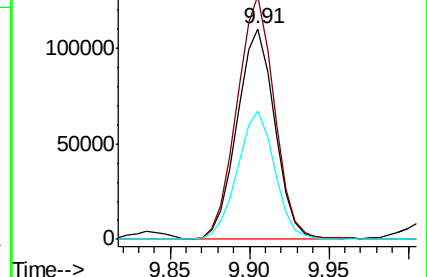
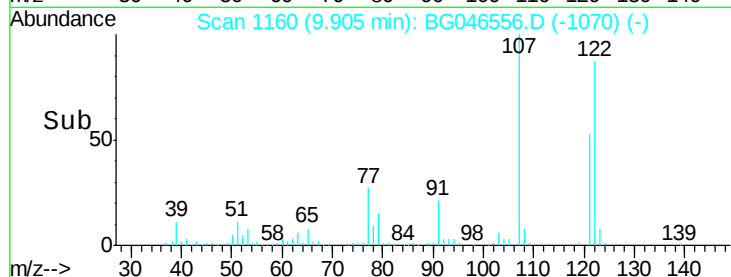
121 60.7 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.899 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

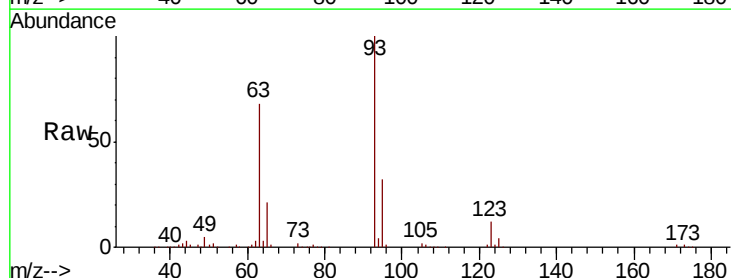
Tgt Ion: 93 Resp: 230638

Ion Ratio Lower Upper

93 100

95 32.3 26.1 39.1

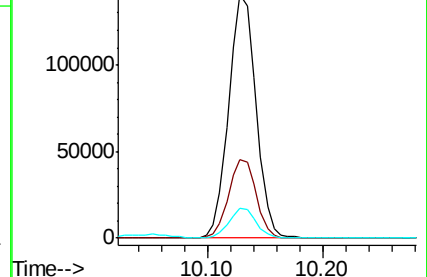
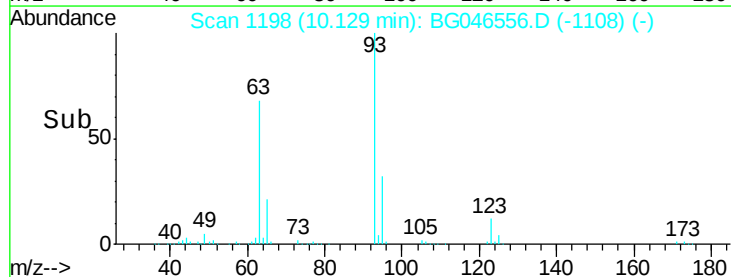
123 12.5 9.5 14.3

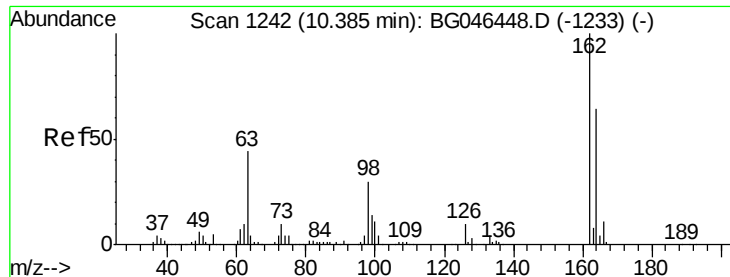


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

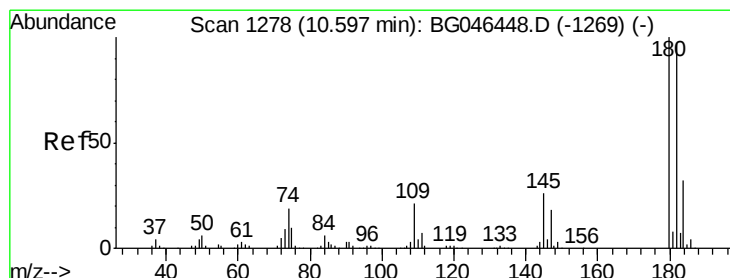
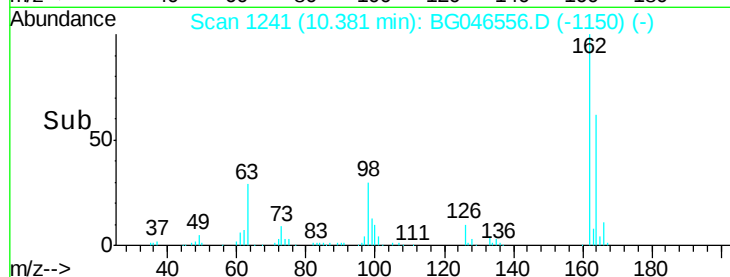
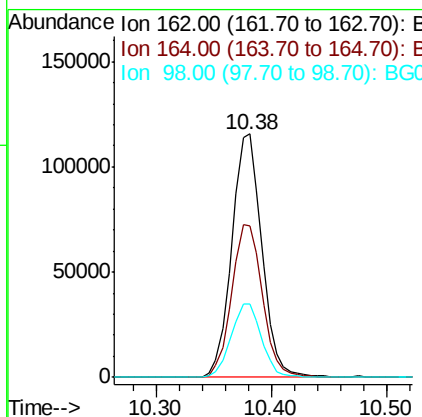
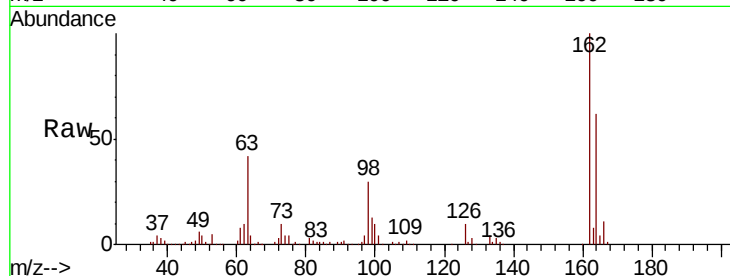




#29
 2,4-Dichlorophenol
 Concen: 45.745 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG046556.D
 Acq: 8 Sep 2020 13:54

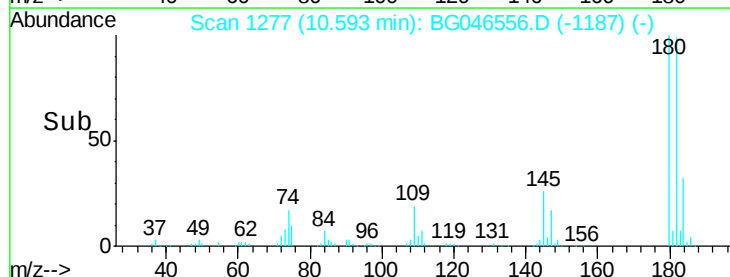
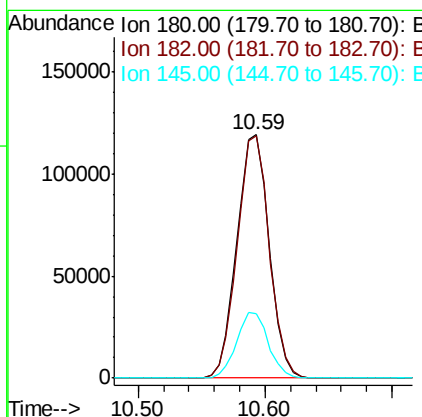
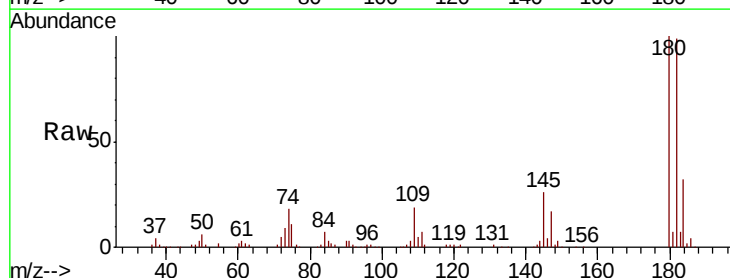
Instrument :
 BNA_G
 ClientSampleId :
 TP-11MS

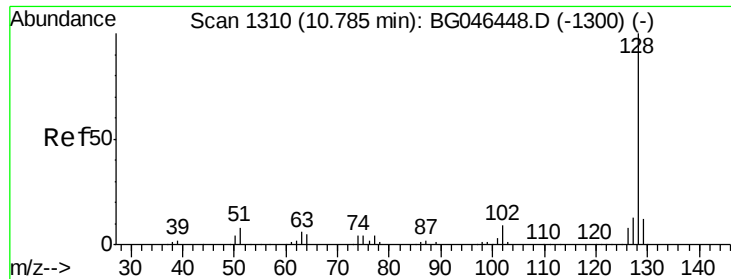
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	44.3	84.3
98	30.2	10.0	50.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.869 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BG046556.D
 Acq: 8 Sep 2020 13:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	77.8	116.8
145	26.3	20.9	31.3

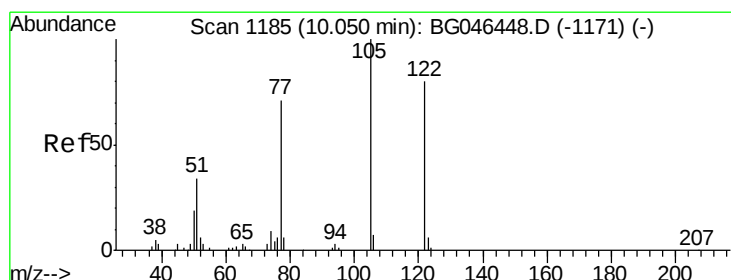
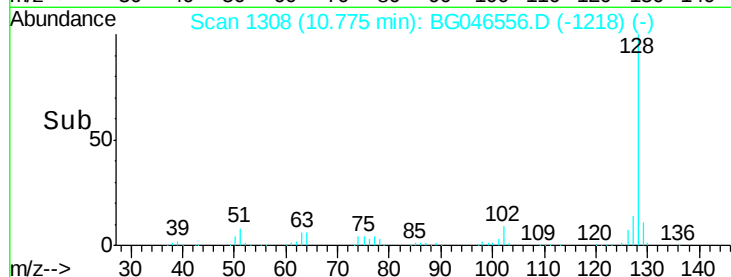
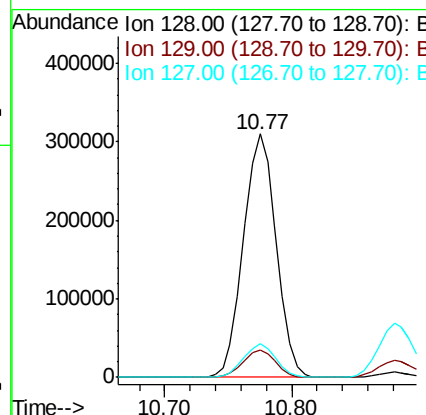
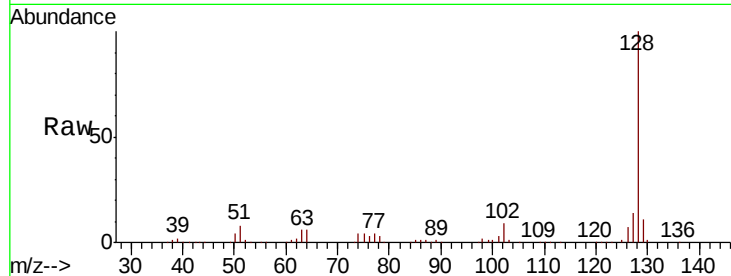




#31
Naphthalene
Concen: 41.535 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

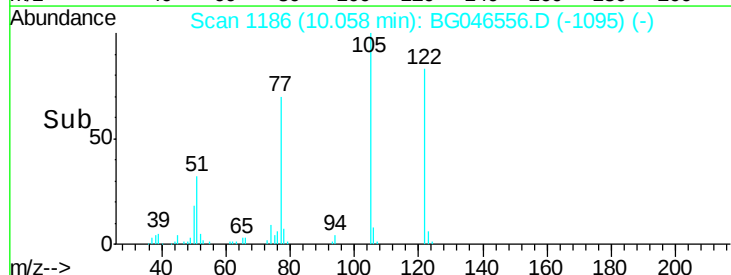
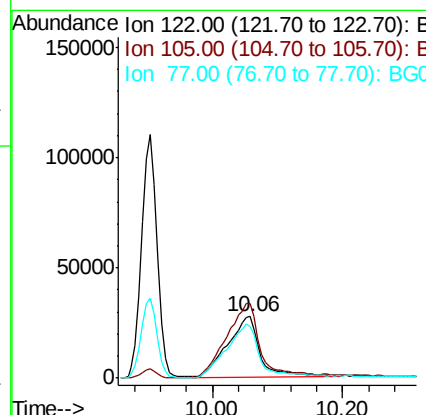
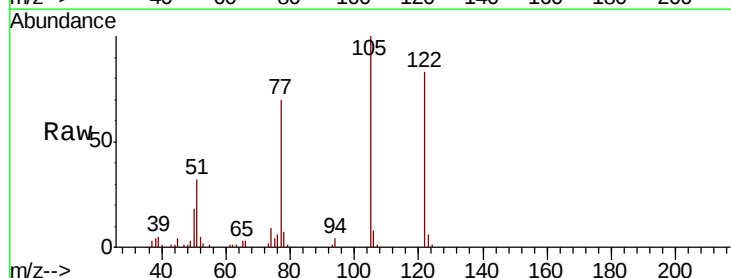
Instrument :
BNA_G
ClientSampleId :
TP-11MS

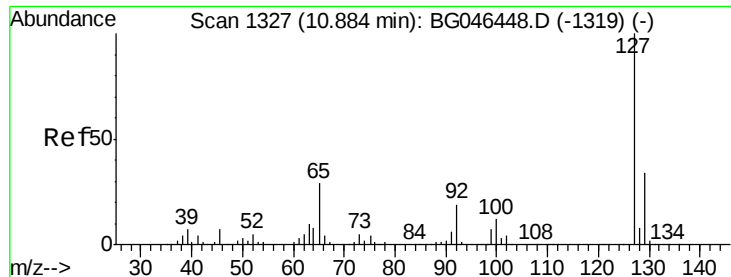
Tot Ion:128 Resp: 553913
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 14.0 10.7 16.1



#32
Benzoic acid
Concen: 40.165 ng
RT: 10.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

Tgt Ion:122 Resp: 96044
Ion Ratio Lower Upper
122 100
105 120.7 102.5 142.5
77 84.1 68.2 108.2

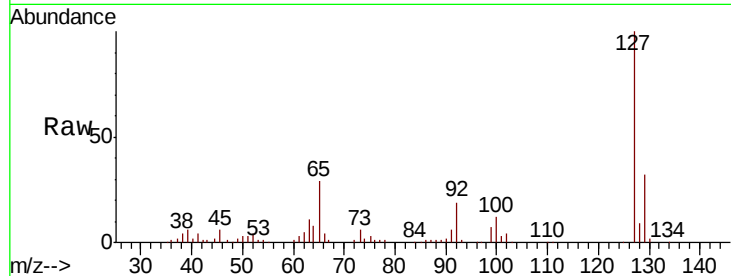




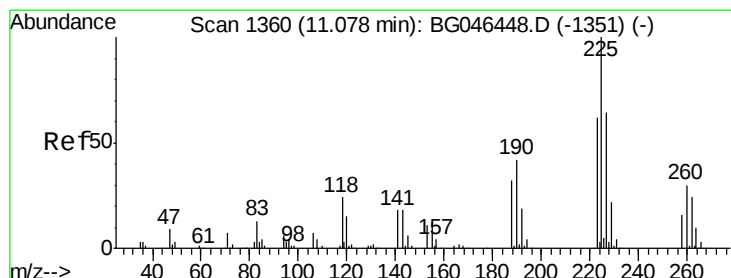
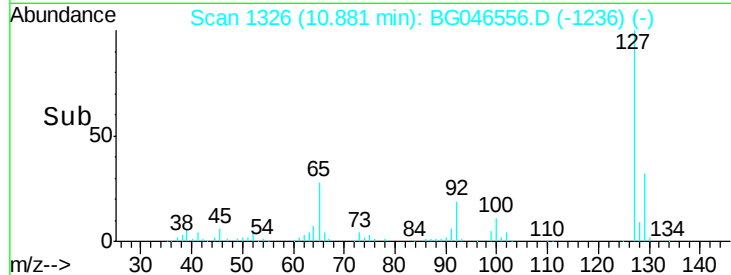
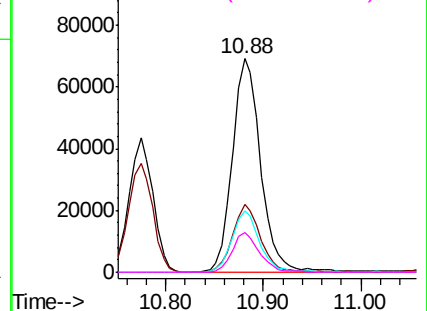
#33
4-Chloroaniline
Concen: 23.602 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

Instrument :
BNA_G
ClientSampleId :
TP-11MS

Tot Ion:	127	Resp:	138794
Ion	Ratio	Lower	Upper
127	100		
129	32.0	27.0	40.4
65	28.7	23.5	35.3
92	18.6	14.9	22.3

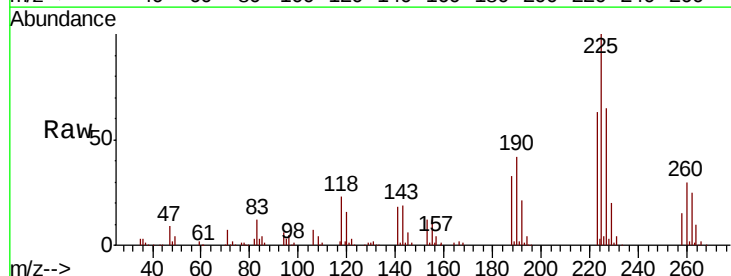


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

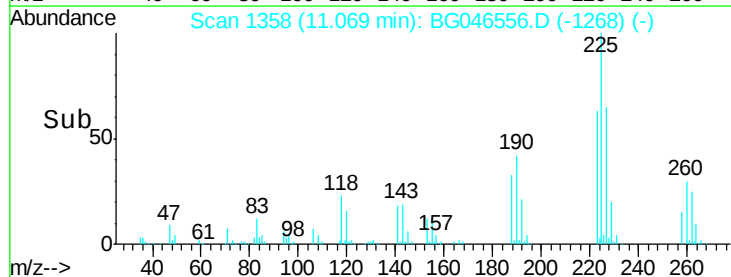
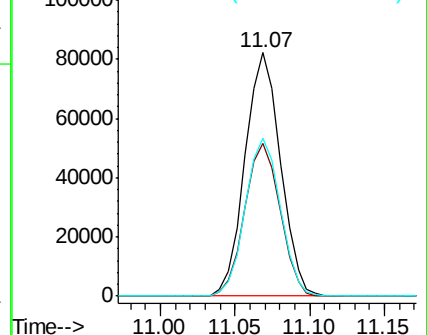


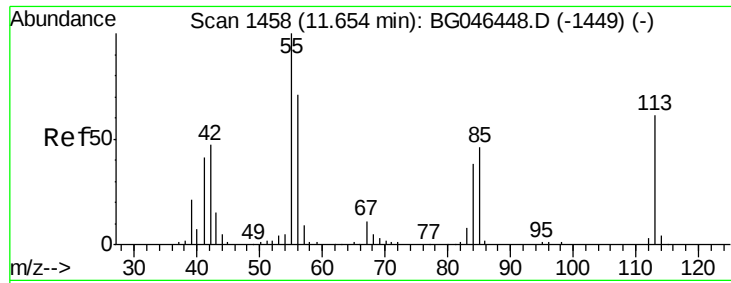
#34
Hexachlorobutadiene
Concen: 38.419 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

Tgt Ion:	225	Resp:	135149
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.9	74.9
227	64.7	51.6	77.4



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: 29.957 ng

RT: 11.66 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Instrument :

BNA_G

ClientSampled :

TP-11MS

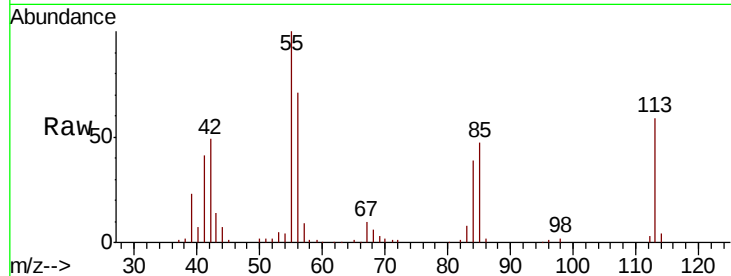
Tot Ion:113 Resp: 51143

Ion Ratio Lower Upper

113 100

55 169.5 144.2 184.2

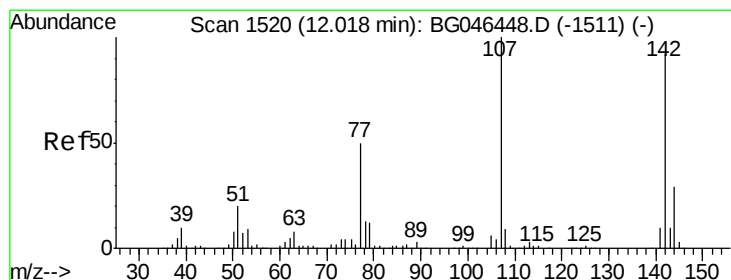
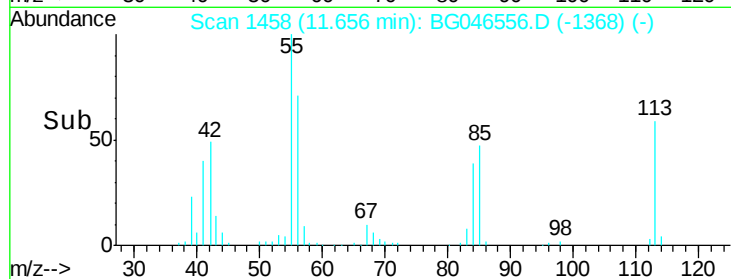
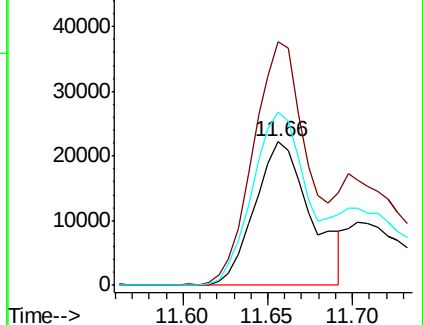
56 120.4 97.0 137.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 48.450 ng

RT: 12.01 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

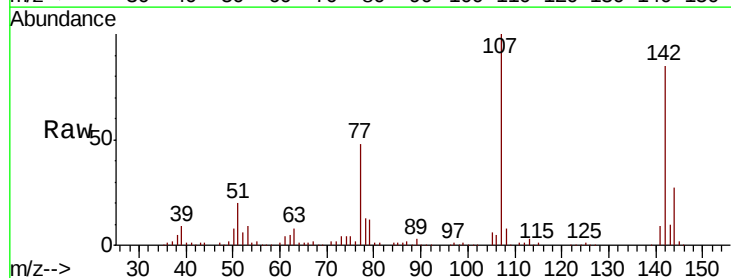
Tgt Ion:107 Resp: 216423

Ion Ratio Lower Upper

107 100

144 27.3 23.3 34.9

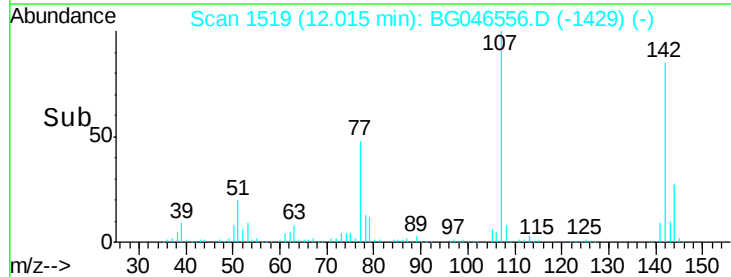
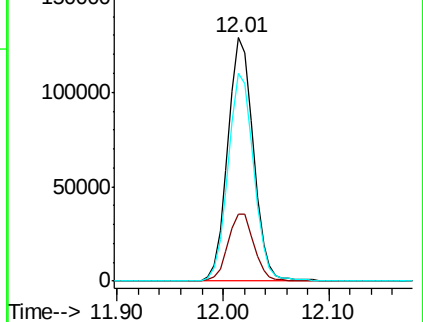
142 85.3 73.7 110.5

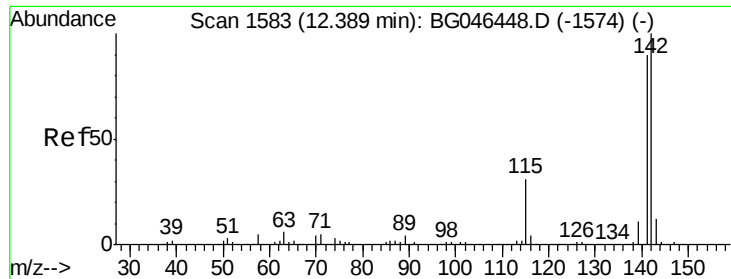


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

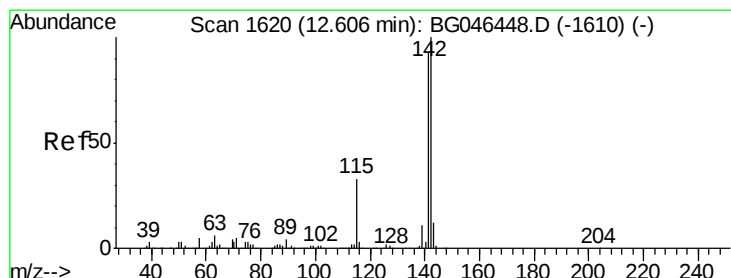
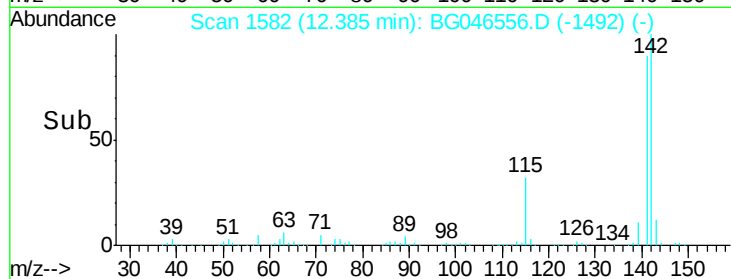
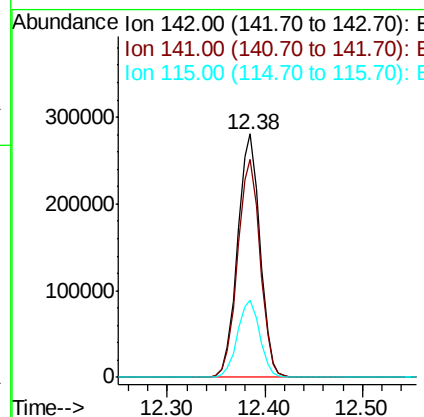
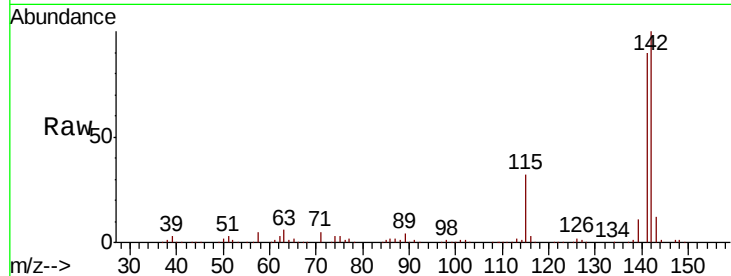




#37
2-Methylnaphthalene
Concen: 42.487 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

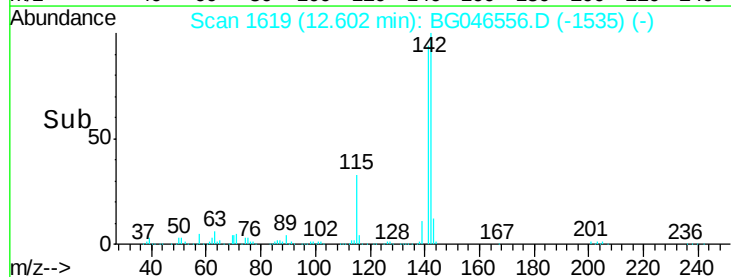
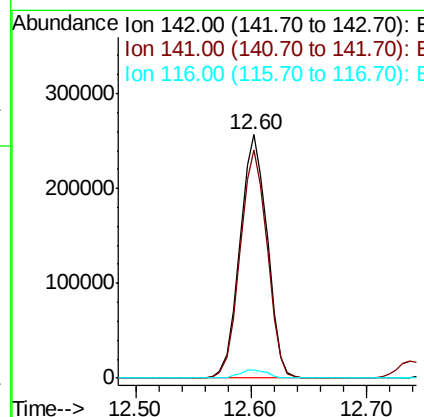
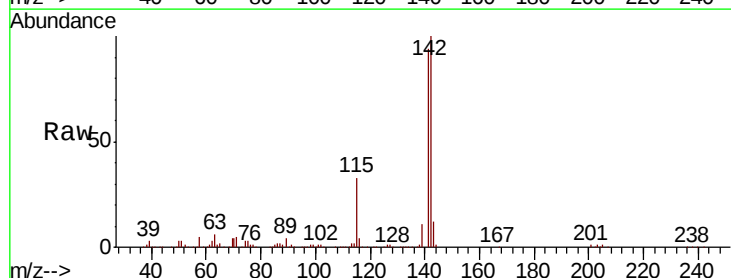
Instrument :
BNA_G
ClientSampleId :
TP-11MS

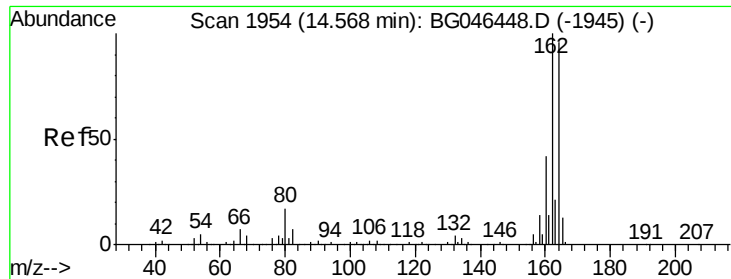
Tot Ion:142 Resp: 446869
Ion Ratio Lower Upper
142 100
141 89.7 72.1 108.1
115 31.8 24.9 37.3



#38
1-Methylnaphthalene
Concen: 42.002 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

Tgt Ion:142 Resp: 418463
Ion Ratio Lower Upper
142 100
141 93.7 74.7 112.1
116 3.5 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Instrument :

BNA_G

ClientSampleId :

TP-11MS

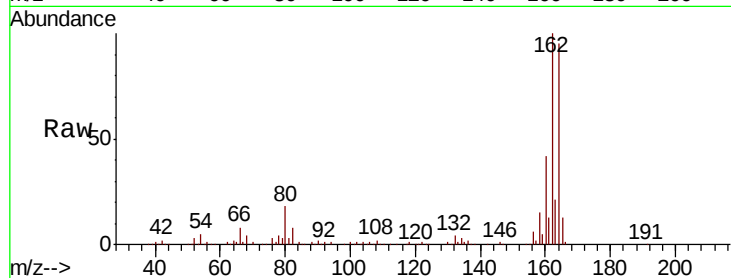
Tot Ion:164 Resp: 200890

Ion Ratio Lower Upper

164 100

162 104.8 83.3 124.9

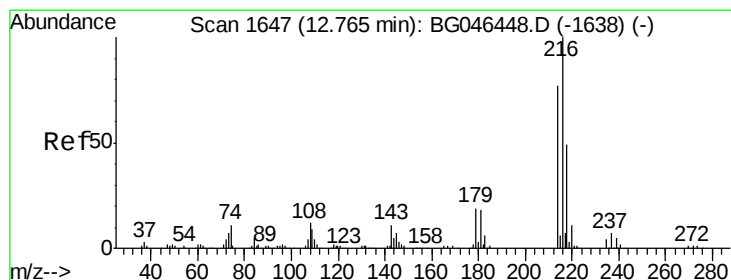
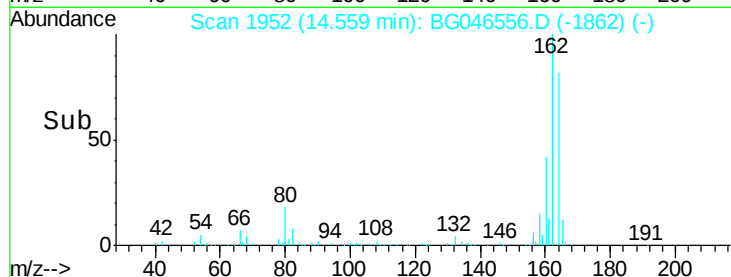
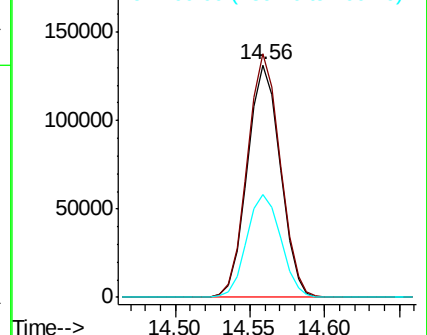
160 44.1 35.0 52.6



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: 40.385 ng

RT: 12.75 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Tgt Ion:216 Resp: 267535

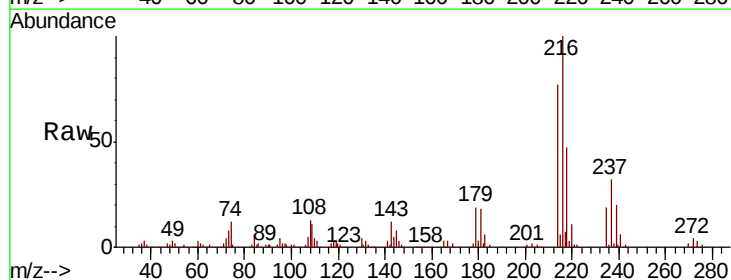
Ion Ratio Lower Upper

216 100

214 77.8 62.1 93.1

179 18.7 14.9 22.3

108 14.6 10.5 15.7

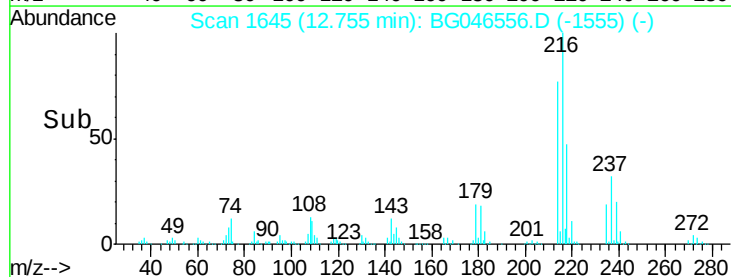
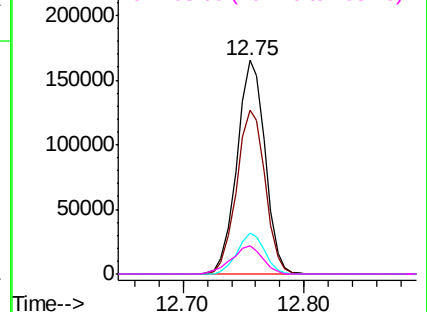


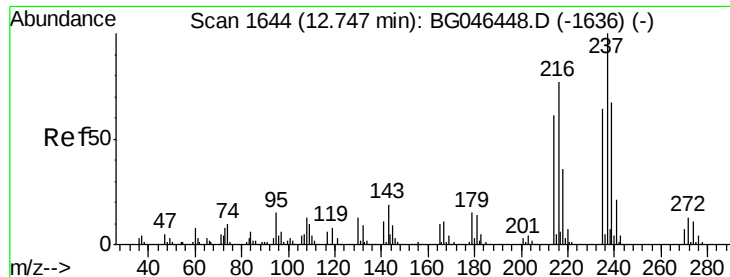
Abundance Ion 216.00 (215.70 to 216.70): E

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: 100.011 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Instrument :

BNA_G

ClientSampled :

TP-11MS

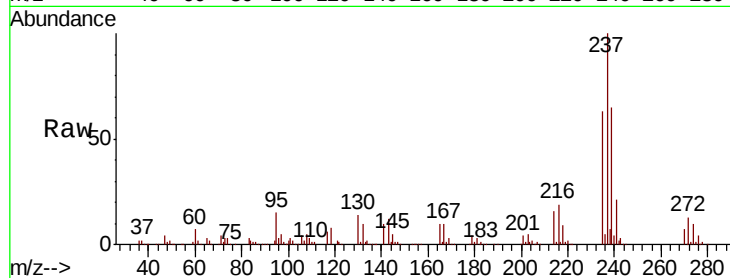
Tot Ion:237 Resp: 288085

Ion Ratio Lower Upper

237 100

235 63.0 44.5 84.5

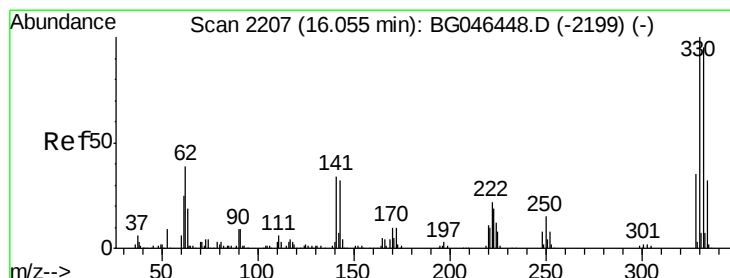
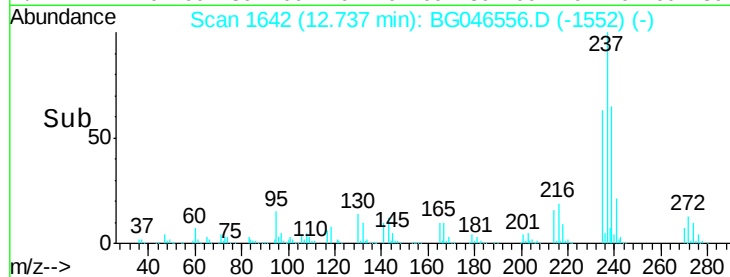
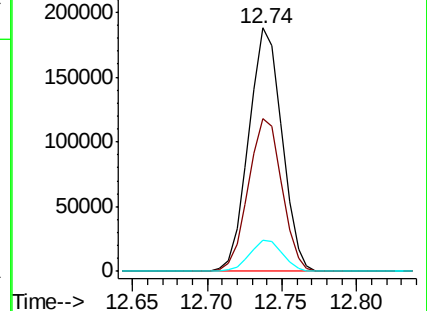
272 12.7 0.0 32.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 119.519 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

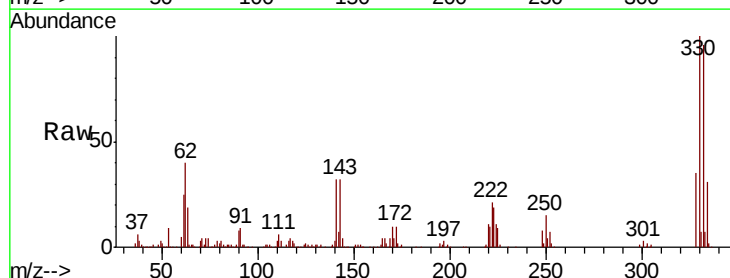
Tgt Ion:330 Resp: 325322

Ion Ratio Lower Upper

330 100

332 96.7 76.1 114.1

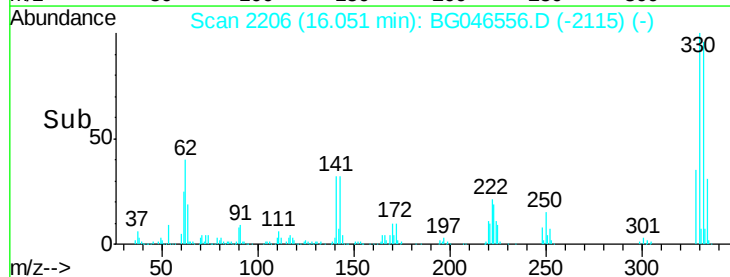
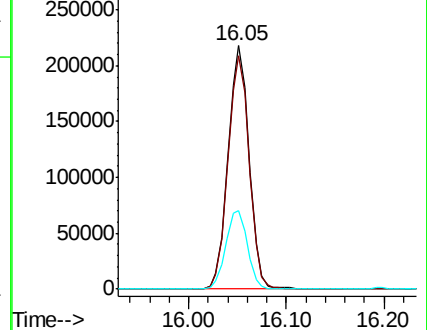
141 33.5 26.1 39.1

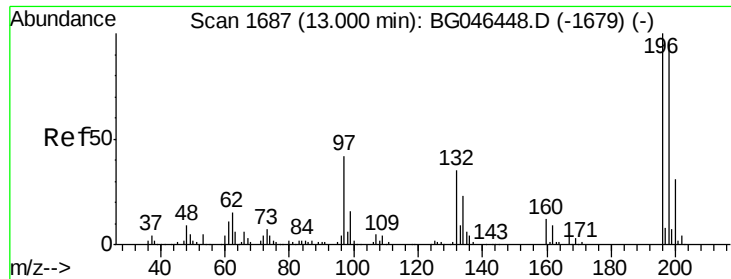


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

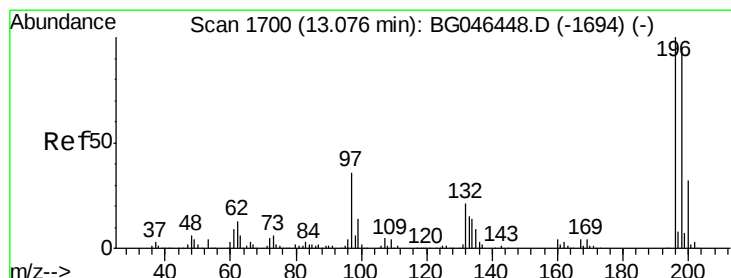
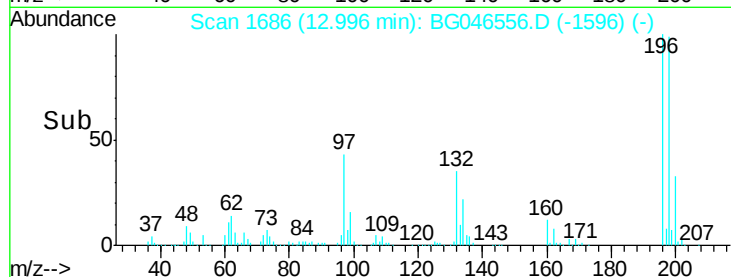
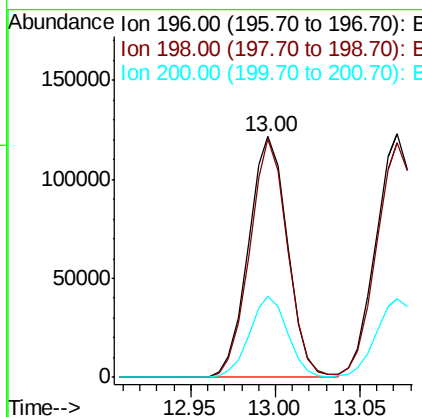
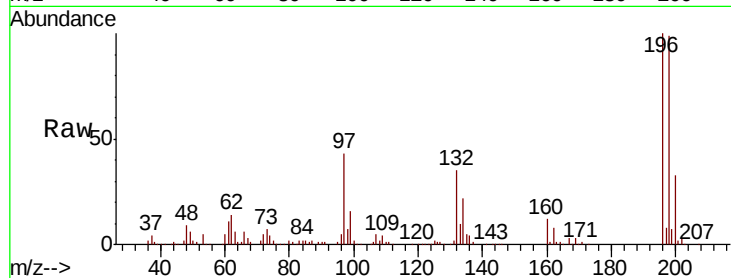




#43
 2,4,6-Trichlorophenol
 Concen: 43.824 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG046556.D
 Acq: 8 Sep 2020 13:54

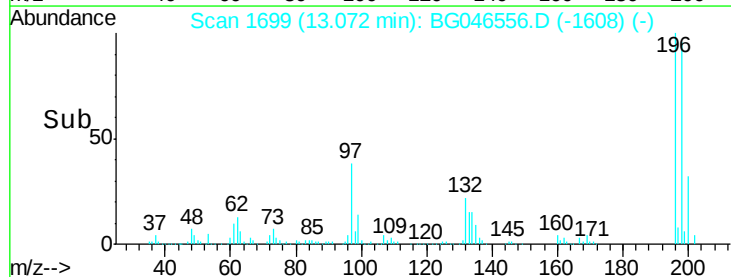
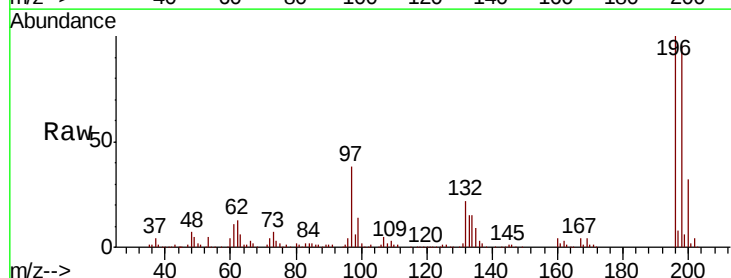
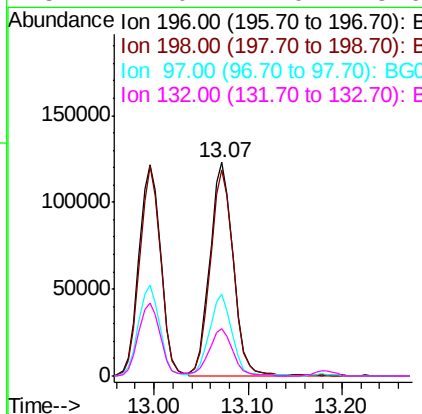
Instrument :
 BNA_G
 ClientSampleId :
 TP-11MS

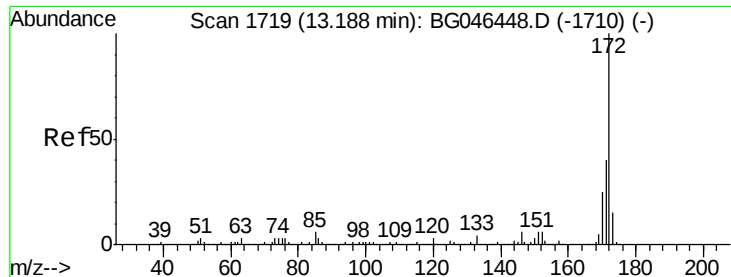
Tot Ion:196 Resp: 195913
 Ion Ratio Lower Upper
 196 100
 198 99.3 77.0 115.6
 200 33.4 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 45.440 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046556.D
 Acq: 8 Sep 2020 13:54

Tgt Ion:196 Resp: 213430
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.6 113.4
 97 38.5 28.6 43.0
 132 22.0 17.0 25.6

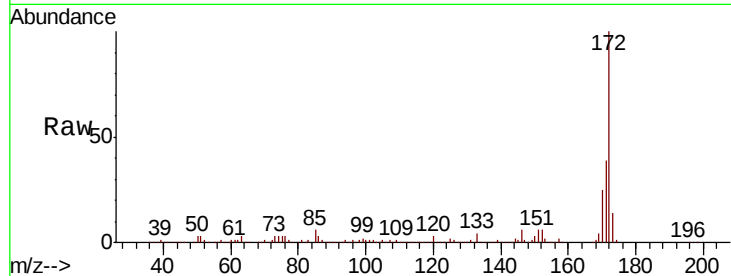




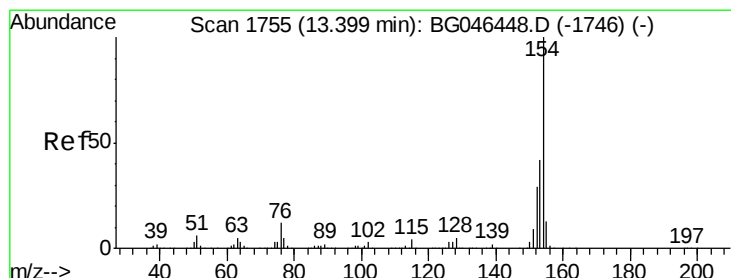
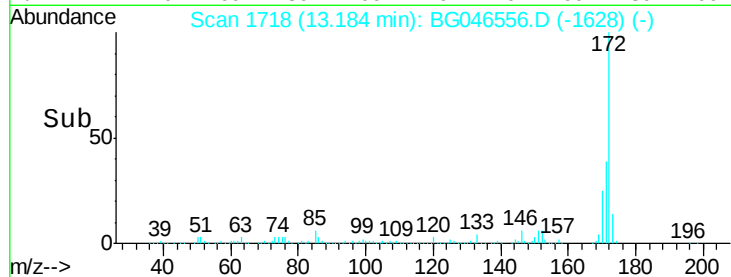
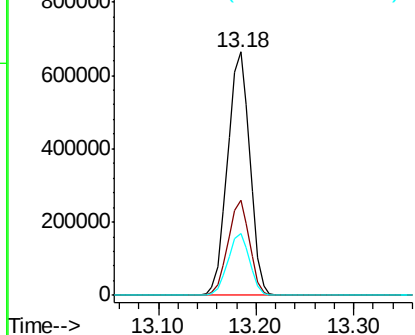
#45
2-Fluorobiphenyl
Concen: 79.788 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

Instrument :
BNA_G
ClientSampled :
TP-11MS

Tot Ion:172 Resp: 1049986
Ion Ratio Lower Upper
172 100
171 38.9 31.8 47.6
170 25.4 20.3 30.5

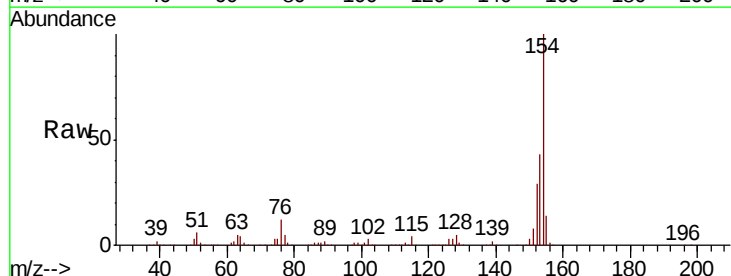


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

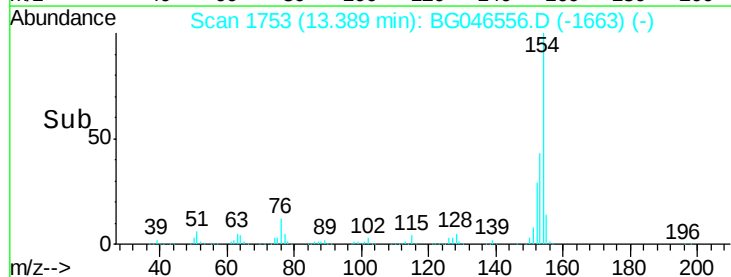
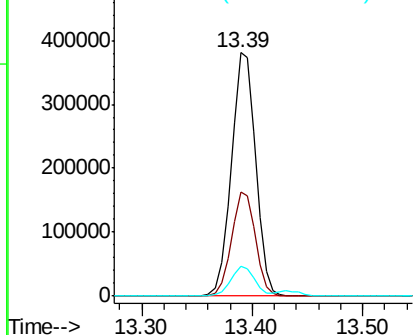


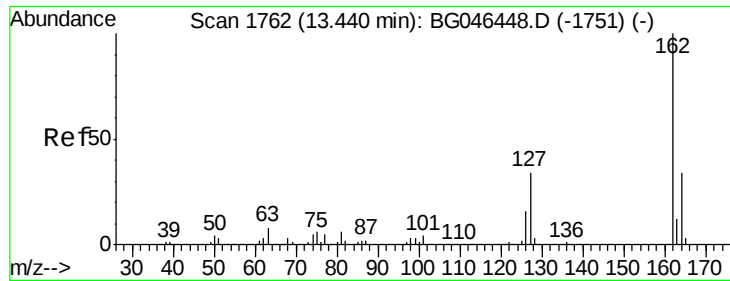
#46
1,1'-Biphenyl
Concen: 42.044 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

Tgt Ion:154 Resp: 587642
Ion Ratio Lower Upper
154 100
153 42.6 22.0 62.0
76 12.4 0.0 32.3



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

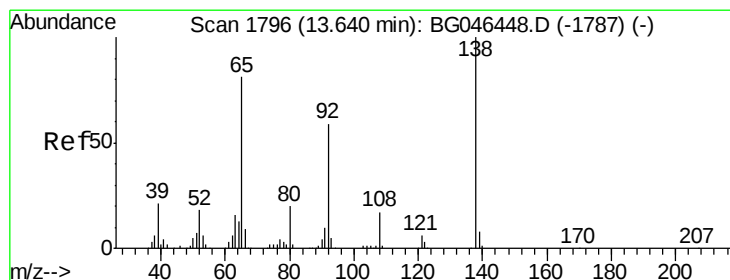
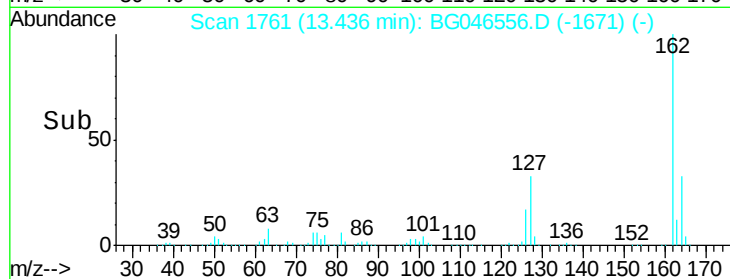
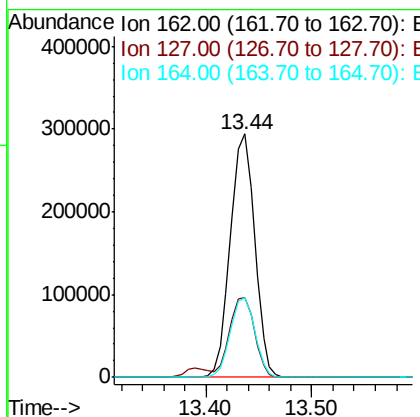
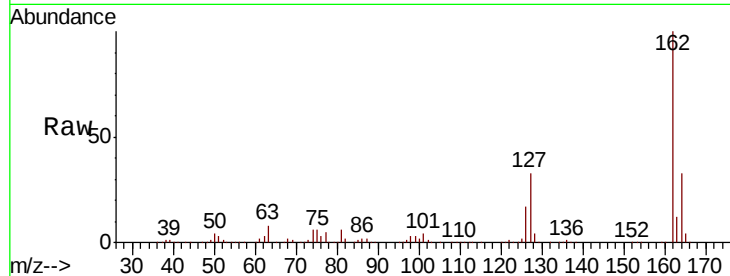




#47
 2-Chloronaphthalene
 Concen: 39.652 ng
 RT: 13.44 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BG046556.D
 Acq: 8 Sep 2020 13:54

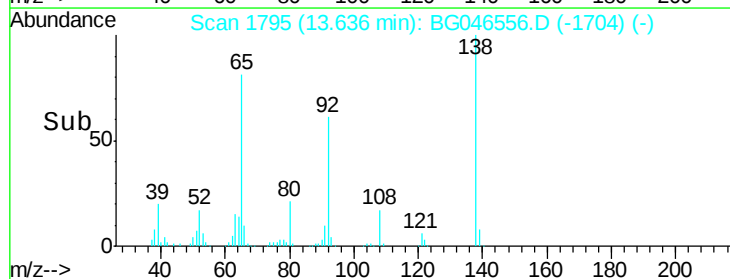
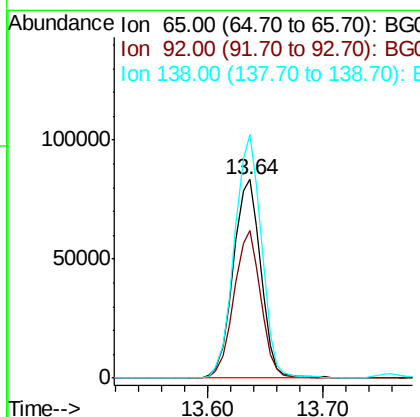
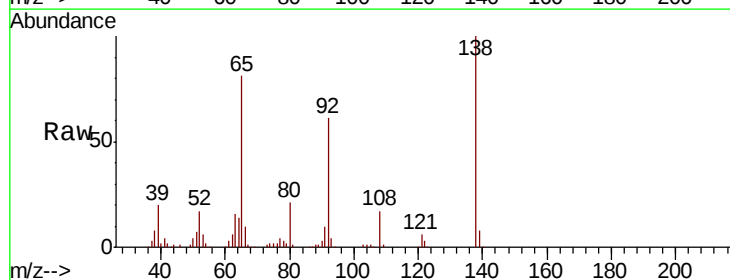
Instrument :
 BNA_G
 ClientSampleId :
 TP-11MS

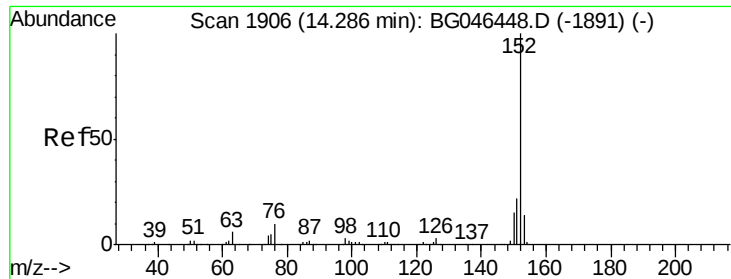
Tot Ion	Ratio	Lower	Upper
162	100		
127	32.6	27.6	41.4
164	32.8	27.3	40.9



#48
 2-Nitroaniline
 Concen: 42.065 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BG046556.D
 Acq: 8 Sep 2020 13:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.3	58.5	87.7
138	122.8	98.4	147.6





#49

Acenaphthylene

Concen: 41.979 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Instrument :

BNA_G

ClientSampleId :

TP-11MS

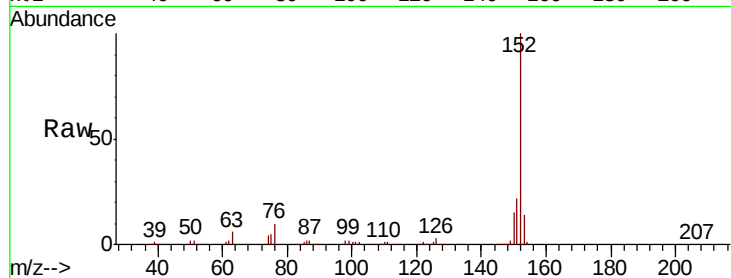
Tot Ion:152 Resp: 754621

Ion Ratio Lower Upper

152 100

151 21.6 17.7 26.5

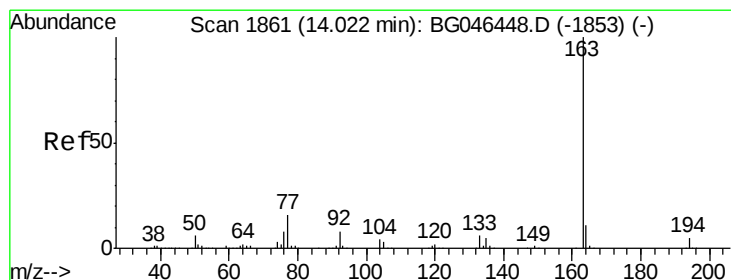
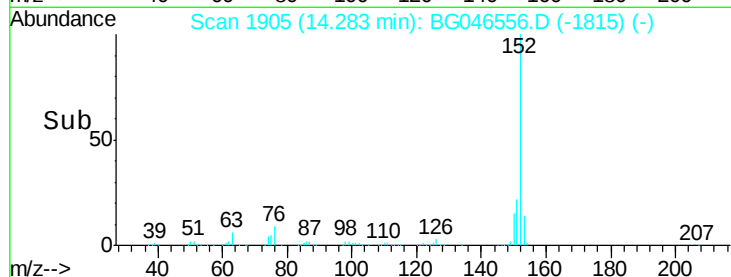
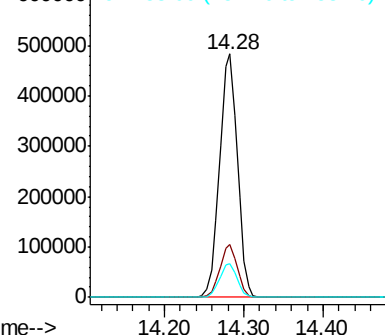
153 13.9 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.440 ng

RT: 14.02 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

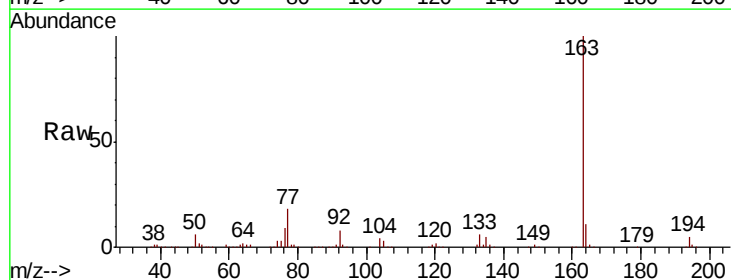
Tgt Ion:163 Resp: 768391

Ion Ratio Lower Upper

163 100

194 5.0 3.7 5.5

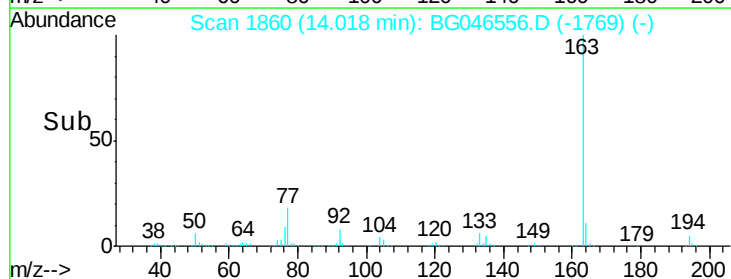
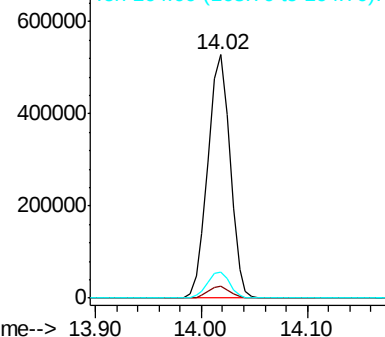
164 10.6 8.6 12.8

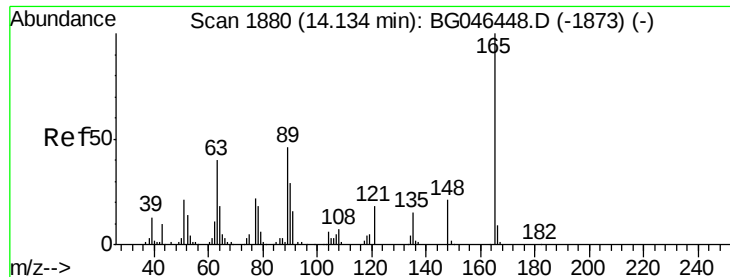


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.060 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Instrument :

BNA_G

ClientSampleId :

TP-11MS

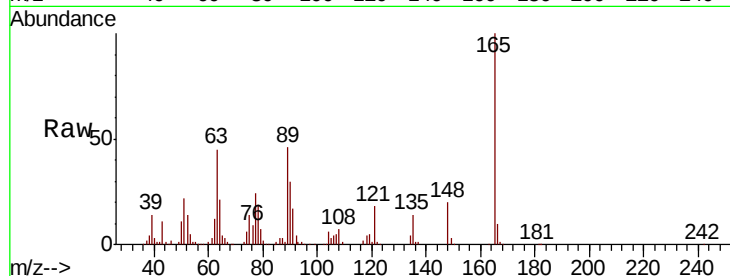
Tot Ion:165 Resp: 147522

Ion Ratio Lower Upper

165 100

63 44.7 34.2 51.4

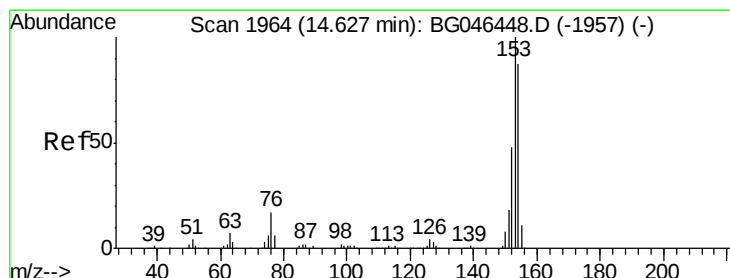
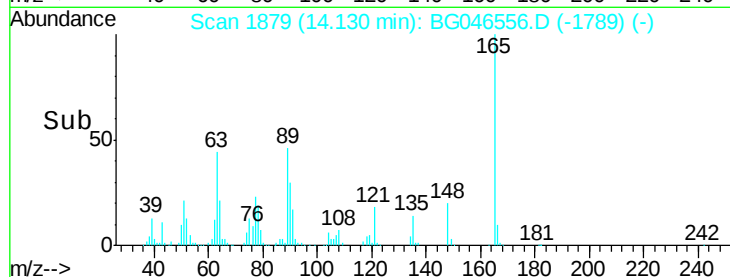
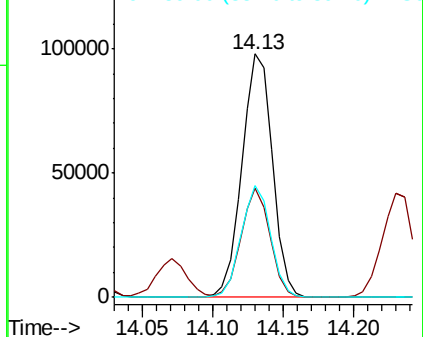
89 45.9 37.0 55.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 41.153 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

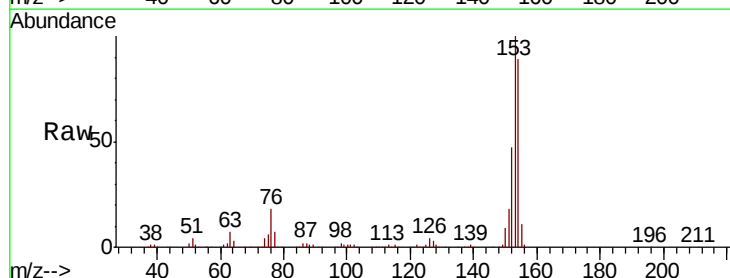
Tgt Ion:154 Resp: 458424

Ion Ratio Lower Upper

154 100

153 112.8 91.9 137.9

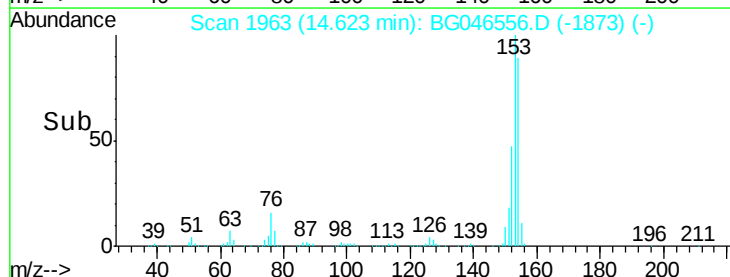
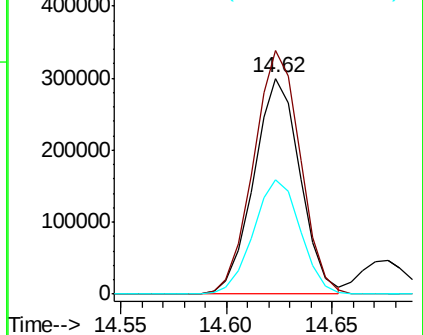
152 53.2 43.8 65.6

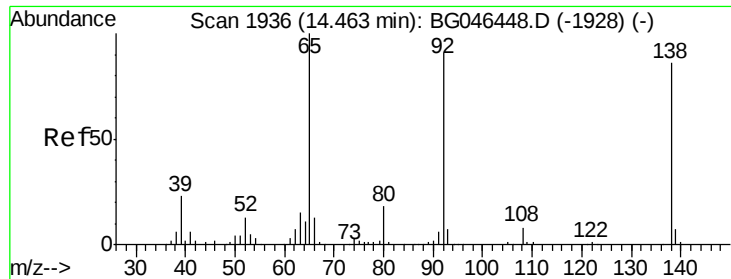


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 26.724 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Instrument :

BNA_G

ClientSampleId :

TP-11MS

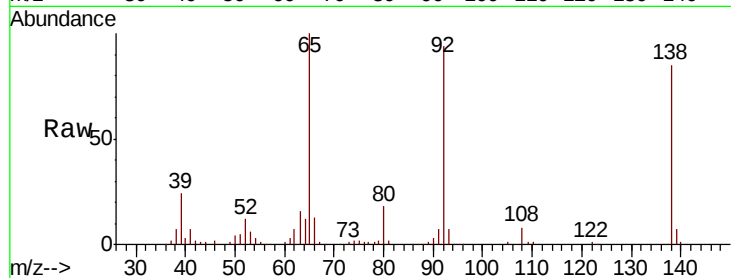
Tot Ion:138 Resp: 99172

Ion Ratio Lower Upper

138 100

108 9.8 7.0 10.6

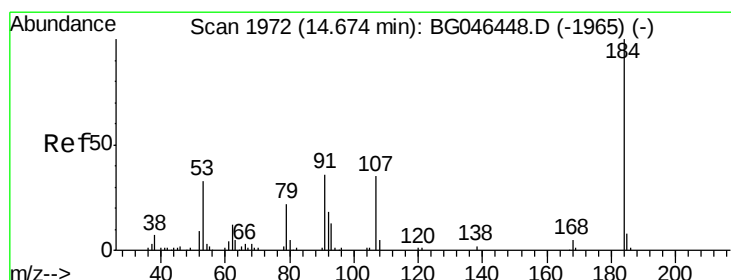
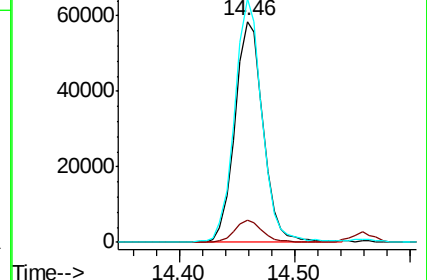
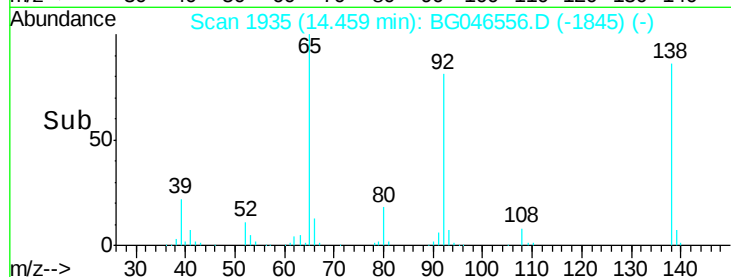
92 110.3 84.6 127.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 77.234 ng

RT: 14.68 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

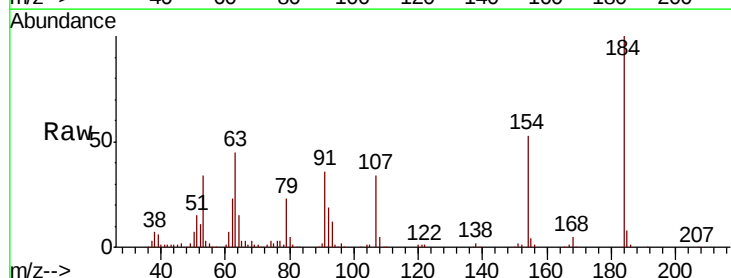
Tgt Ion:184 Resp: 154450

Ion Ratio Lower Upper

184 100

63 44.7 35.6 53.4

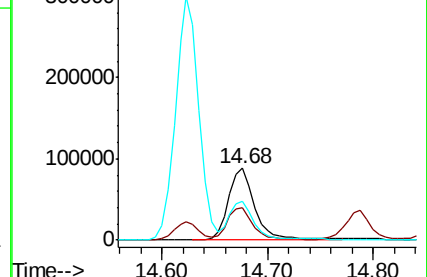
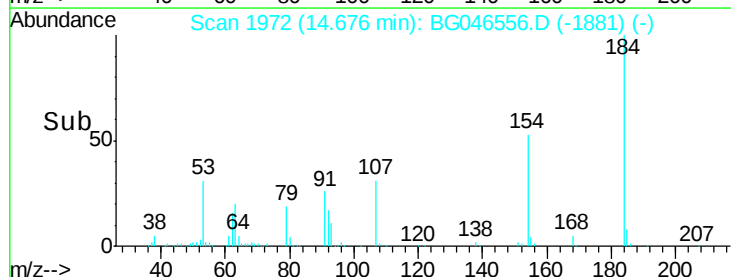
154 53.5 44.3 66.5

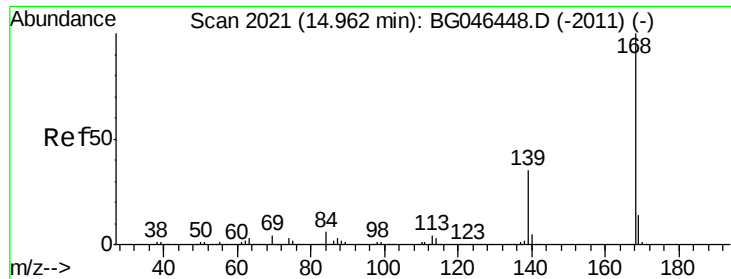


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

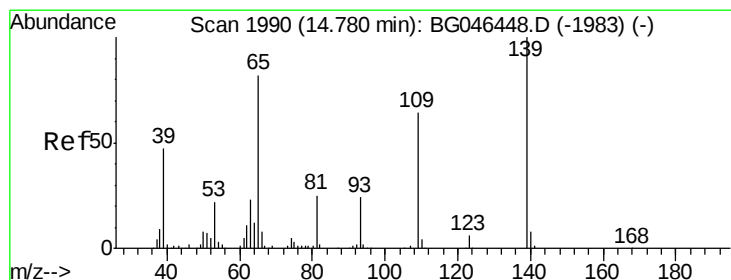
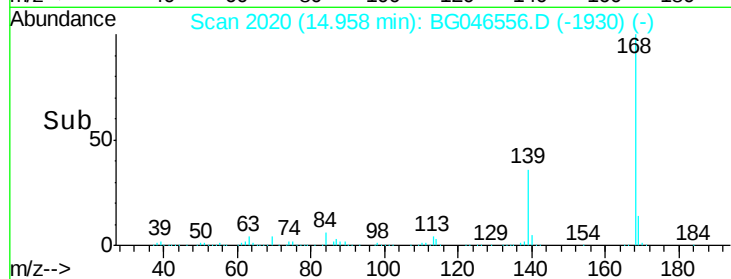
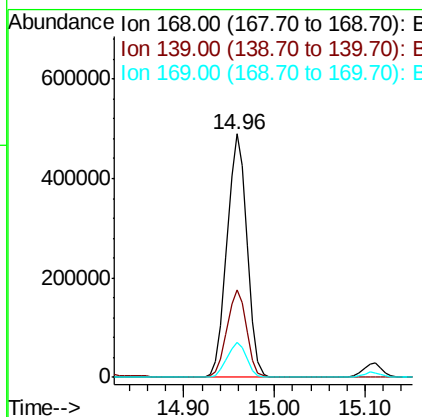
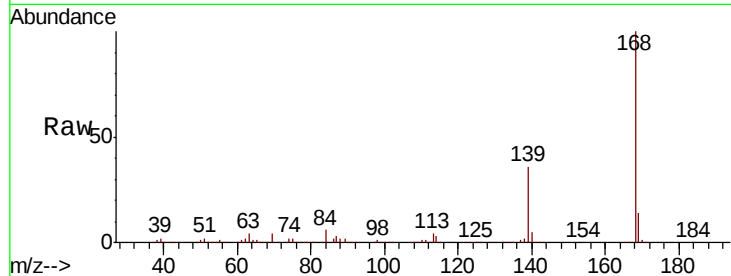




#55
Dibenzofuran
Concen: 42.007 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

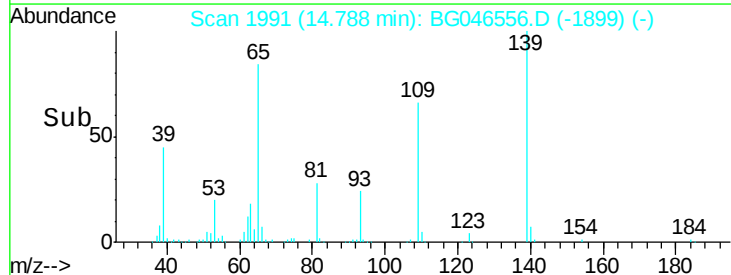
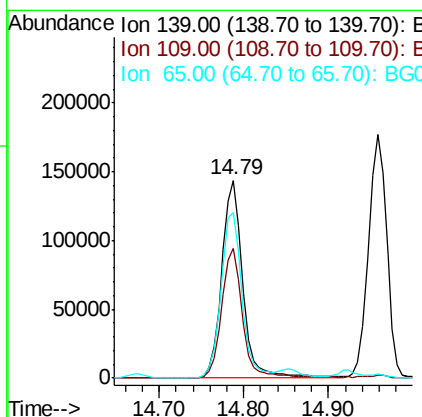
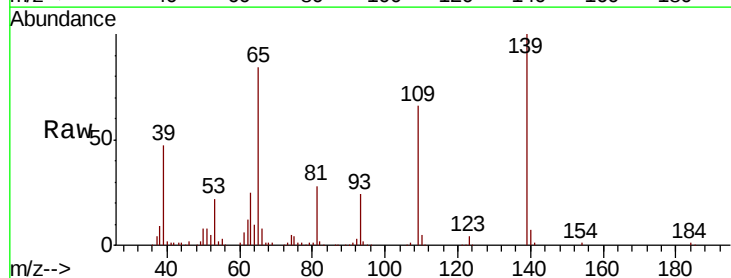
Instrument :
BNA_G
ClientSampleId :
TP-11MS

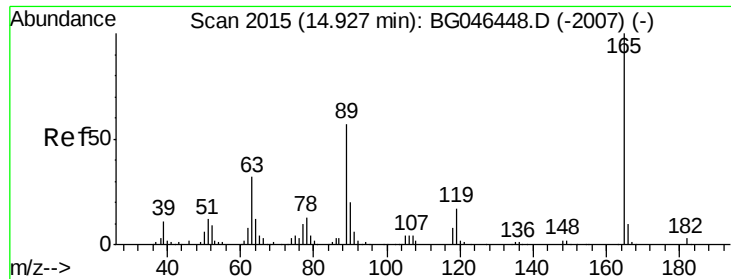
Tot Ion:168 Resp: 750950
Ion Ratio Lower Upper
168 100
139 36.1 28.1 42.1
169 14.2 11.5 17.3



#56
4-Nitrophenol
Concen: 91.357 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

Tgt Ion:139 Resp: 249509
Ion Ratio Lower Upper
139 100
109 65.5 44.3 84.3
65 84.0 61.5 101.5

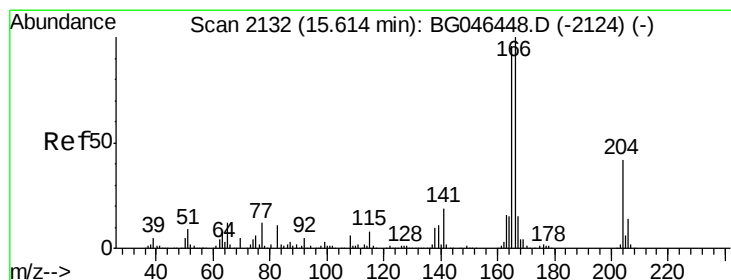
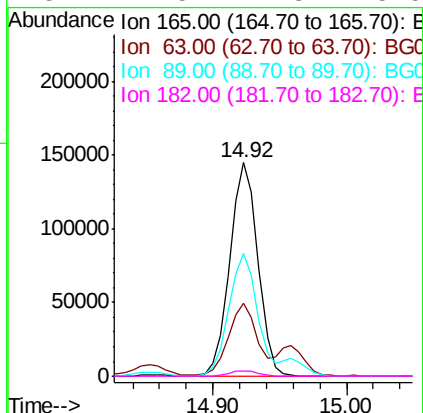
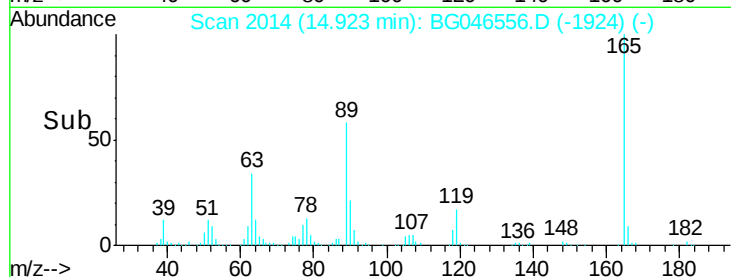
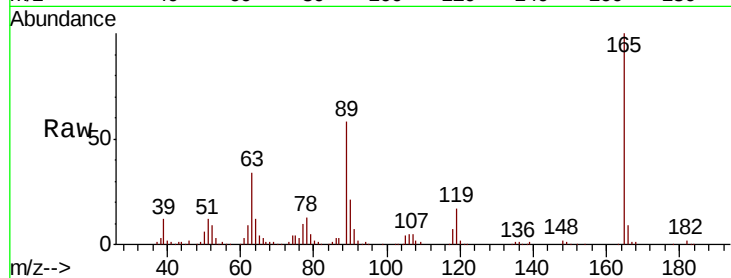




#57
2,4-Dinitrotoluene
Concen: 43.549 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

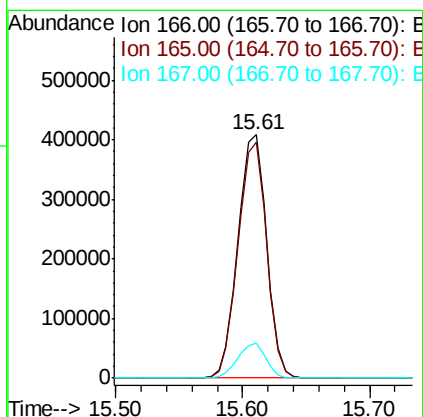
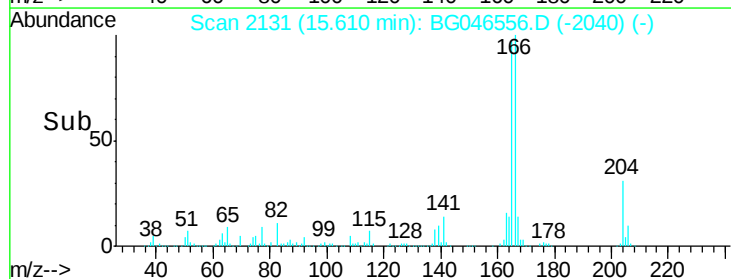
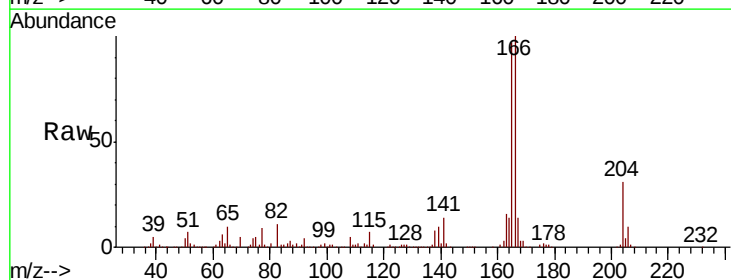
Instrument :
BNA_G
ClientSampleId :
TP-11MS

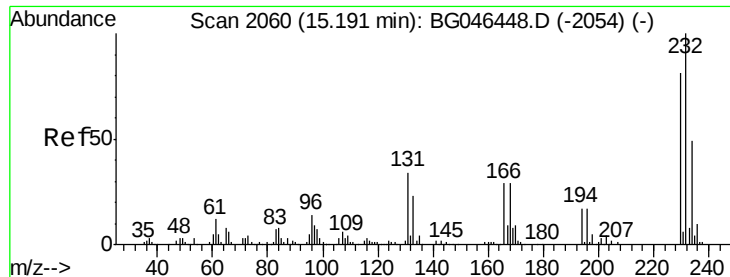
Tot Ion:165 Resp: 212738
Ion Ratio Lower Upper
165 100
63 34.1 25.4 38.0
89 57.8 45.9 68.9
182 2.5 2.3 3.5



#58
Fluorene
Concen: 42.615 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

Tgt Ion:166 Resp: 639404
Ion Ratio Lower Upper
166 100
165 96.9 77.0 115.4
167 14.3 11.8 17.6

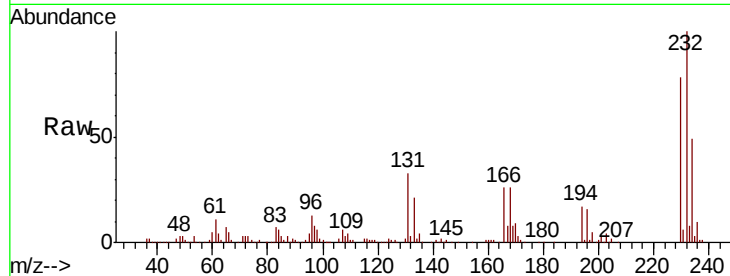




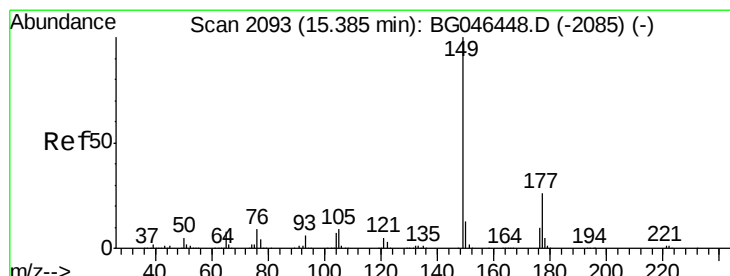
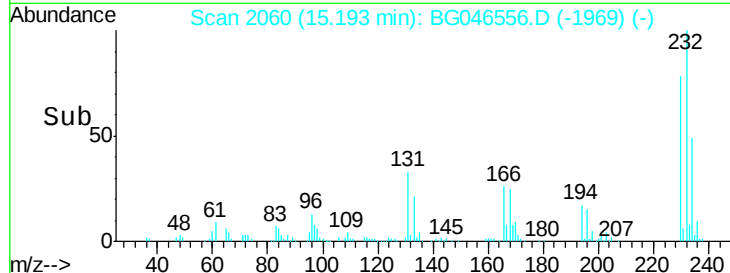
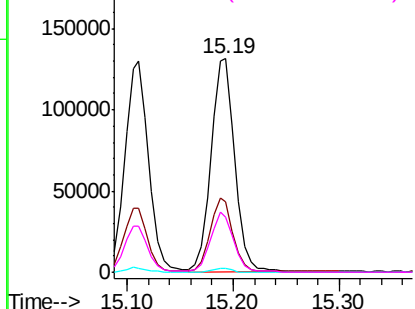
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.393 ng
RT: 15.19 min Scan# 2060
Delta R.T. 0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

Instrument :
BNA_G
ClientSampleId :
TP-11MS

Tot Ion:	232	Resp:	207042
Ion	Ratio	Lower	Upper
232	100		
131	34.3	26.8	40.2
130	1.7	1.4	2.2
166	27.2	22.8	34.2

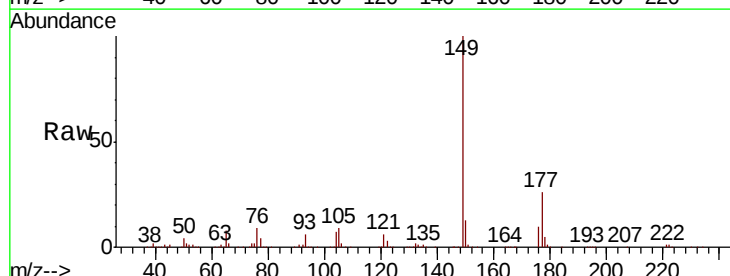


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

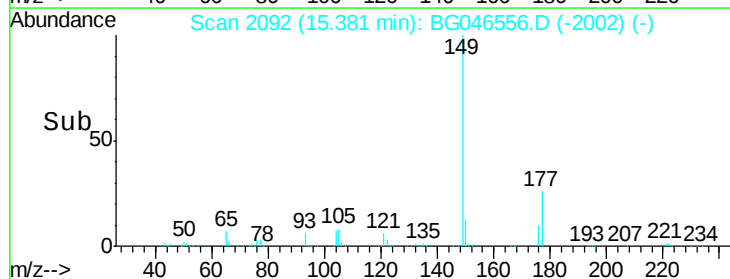
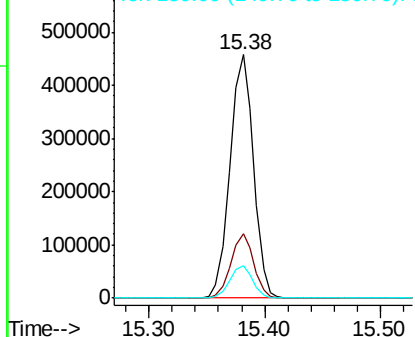


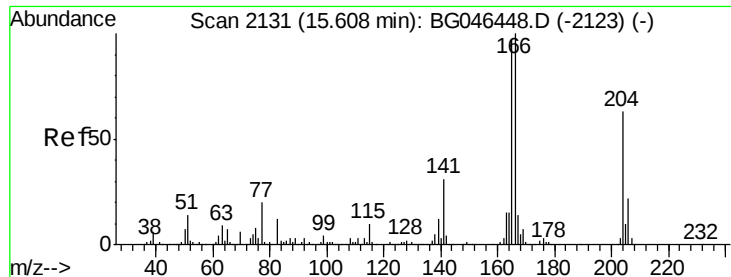
#60
Diethylphthalate
Concen: 42.262 ng
RT: 15.38 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

Tgt Ion:	149	Resp:	640403
Ion	Ratio	Lower	Upper
149	100		
177	26.3	20.6	30.8
150	13.1	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

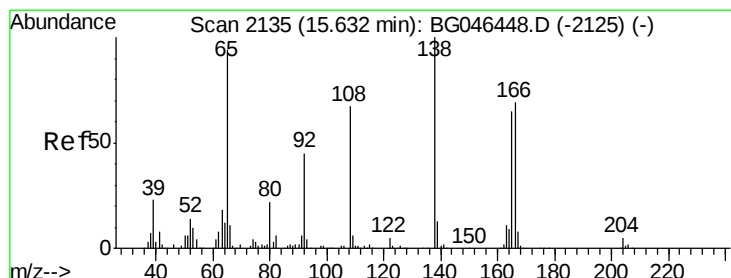
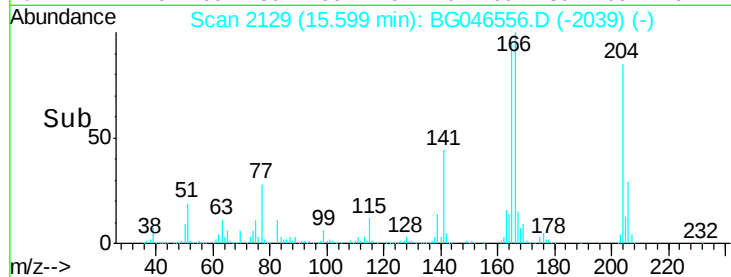
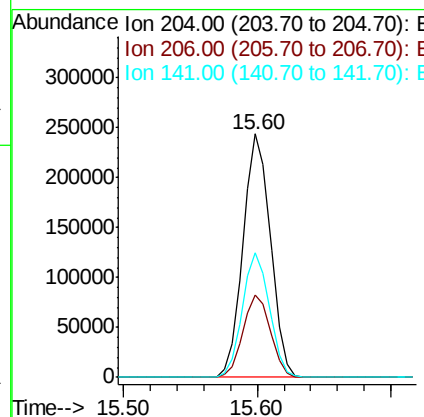
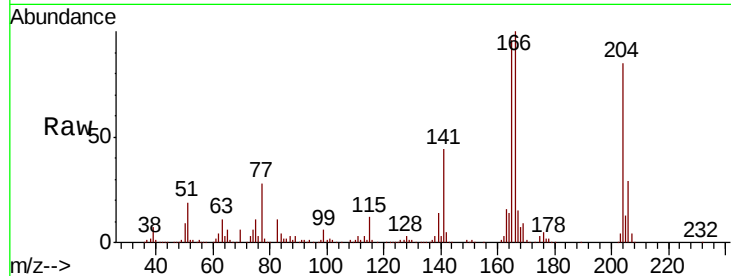




#61
4-Chlorophenyl-phenylether
Concen: 41.833 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

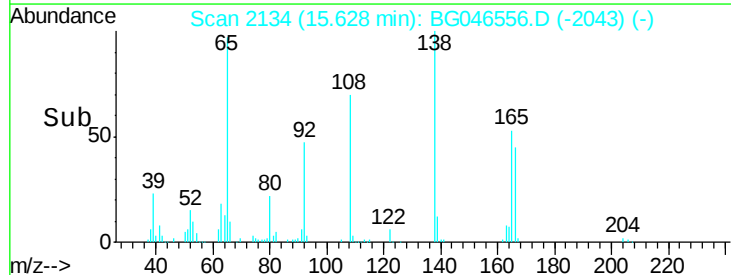
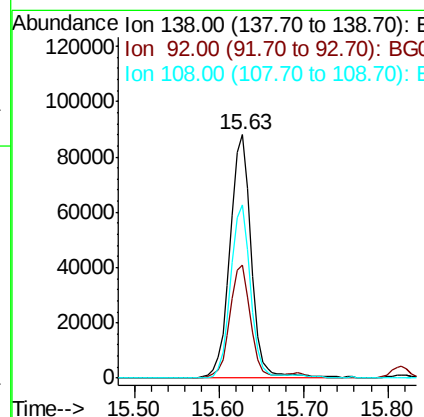
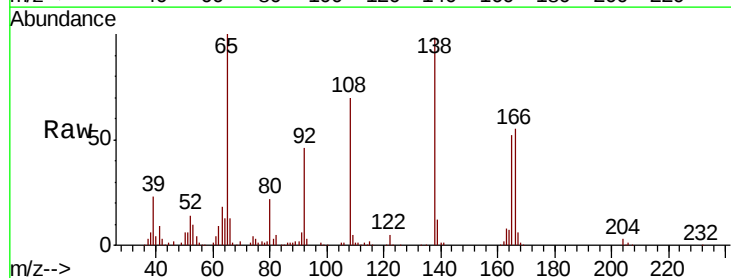
Instrument :
BNA_G
ClientSampleId :
TP-11MS

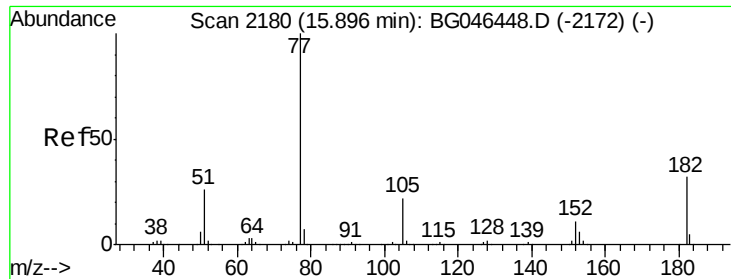
Tot Ion:204 Resp: 345684
Ion Ratio Lower Upper
204 100
206 33.7 27.7 41.5
141 51.1 38.7 58.1



#62
4-Nitroaniline
Concen: 39.143 ng
RT: 15.63 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

Tgt Ion:138 Resp: 153273
Ion Ratio Lower Upper
138 100
92 46.5 25.3 65.3
108 71.3 46.7 86.7

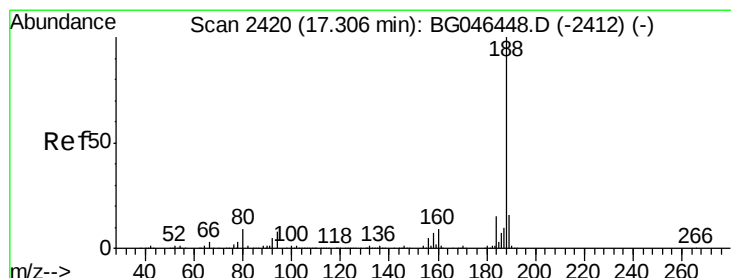
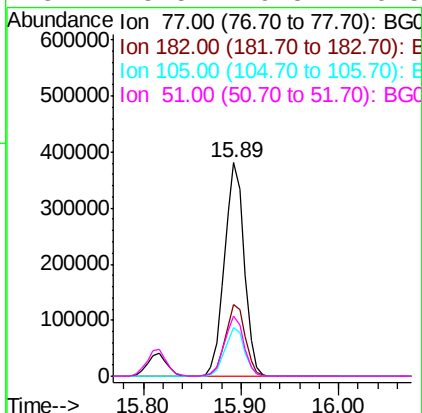
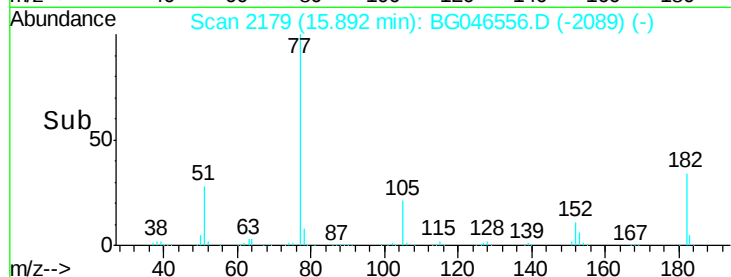
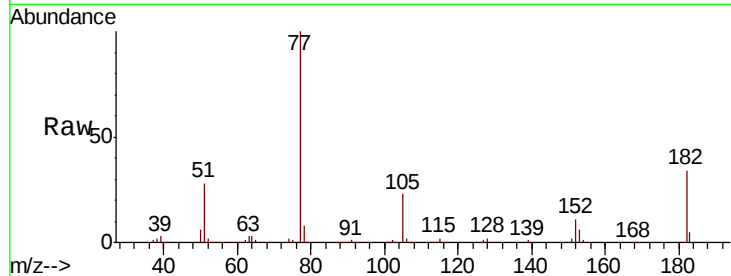




#63
Azobenzene
Concen: 43.314 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

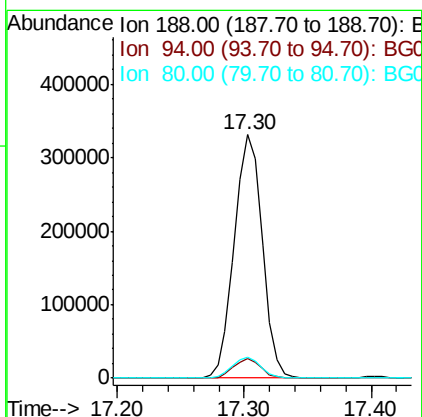
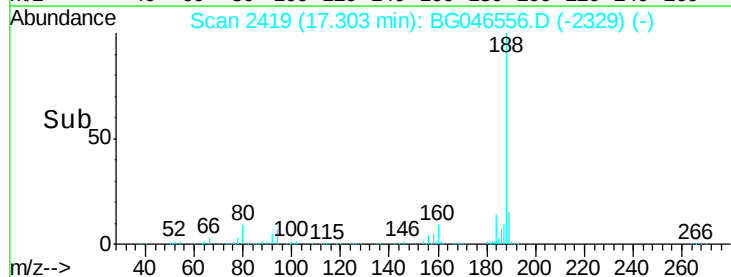
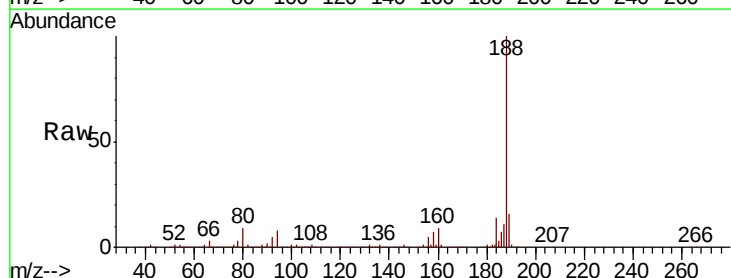
Instrument :
BNA_G
ClientSampleId :
TP-11MS

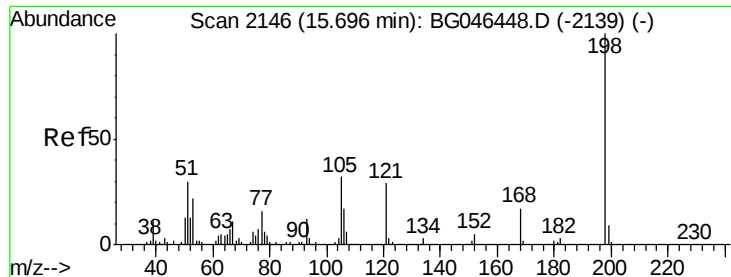
Tot Ion: 77 Resp: 533901
Ion Ratio Lower Upper
77 100
182 33.8 12.3 52.3
105 22.9 2.3 42.3
51 28.5 6.5 46.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

Tgt Ion: 188 Resp: 506618
Ion Ratio Lower Upper
188 100
94 7.8 6.3 9.5
80 8.8 6.9 10.3





#65

4,6-Dinitro-2-methylphenol

Concen: 46.485 ng

RT: 15.69 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Instrument :

BNA_G

ClientSampleId :

TP-11MS

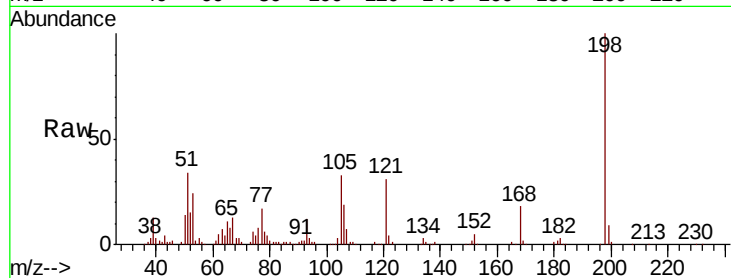
Tot Ion:198 Resp: 133294

Ion	Ratio	Lower	Upper
198	100		
51	33.7	10.4	50.4
105	33.2	12.4	52.4

198 100

51 33.7 10.4 50.4

105 33.2 12.4 52.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG046448.D (-2139) (-)

Ion 105.00 (104.70 to 105.70): E

120000

100000

80000

60000

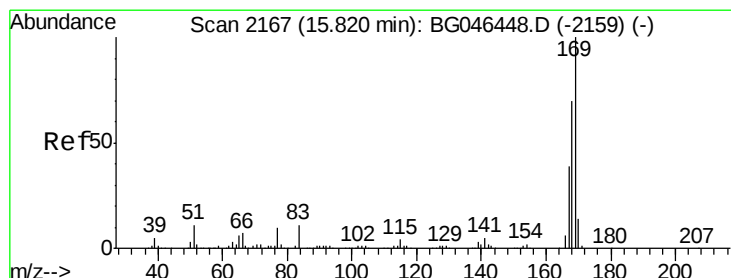
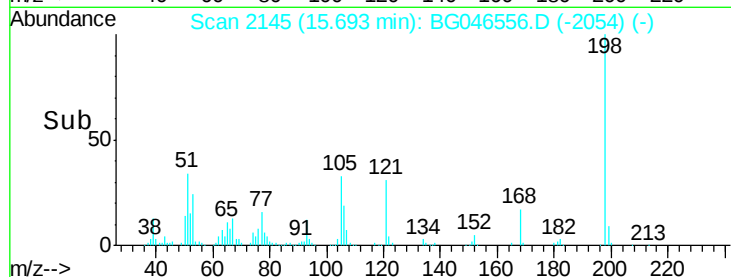
40000

20000

0

15.60 15.70 15.80

Time-->



#66

n-Nitrosodiphenylamine

Concen: 42.848 ng

RT: 15.82 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

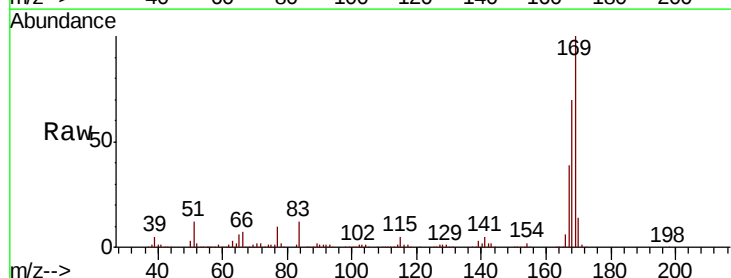
Tgt Ion:169 Resp: 585623

Ion	Ratio	Lower	Upper
169	100		
168	70.1	55.8	83.8
167	39.4	31.0	46.6

169 100

168 70.1 55.8 83.8

167 39.4 31.0 46.6



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

500000

400000

300000

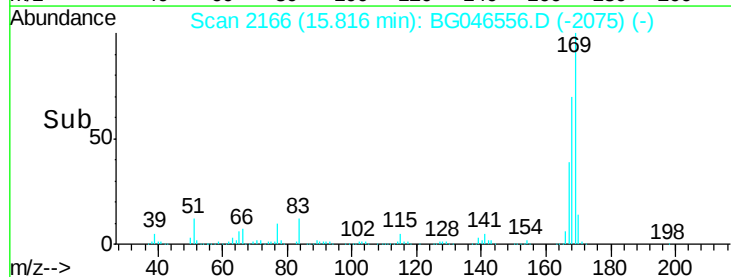
200000

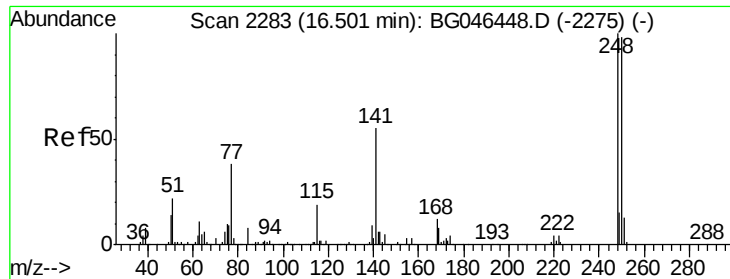
100000

0

15.70 15.80 15.90

Time-->

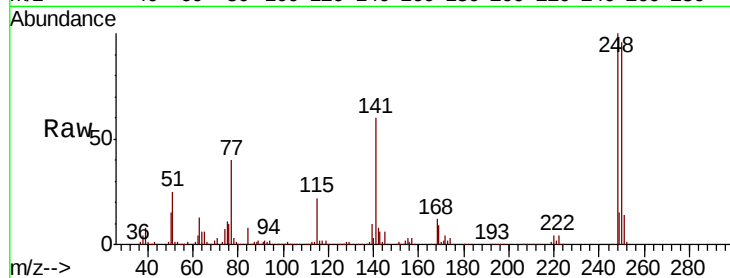




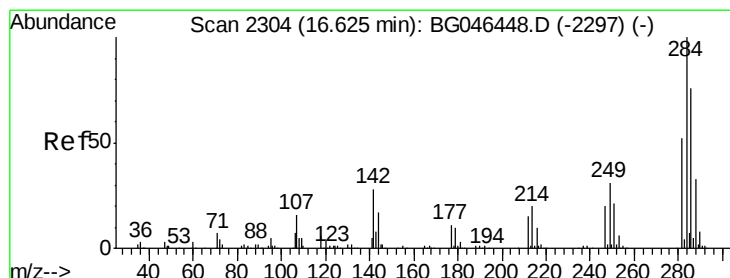
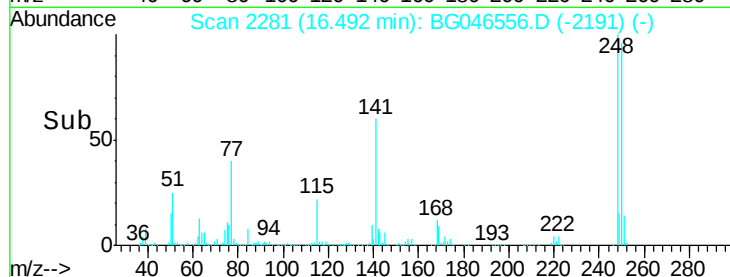
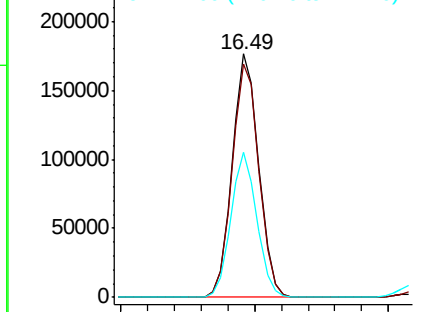
#67
 4-Bromophenyl-phenylether
 Concen: 41.158 ng
 RT: 16.49 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG046556.D
 Acq: 8 Sep 2020 13:54

Instrument :
 BNA_G
 ClientSampled :
 TP-11MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.6	118.0
141	59.6	43.9	65.9

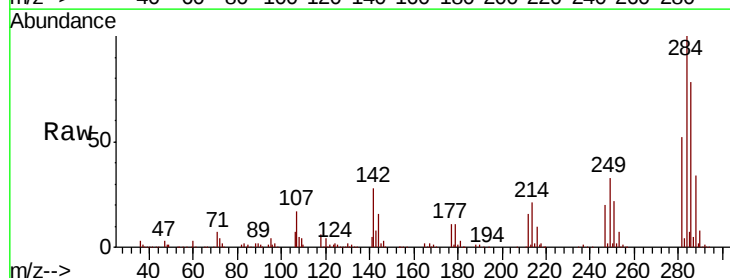


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

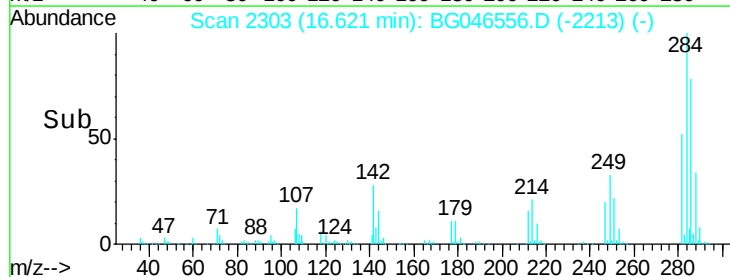
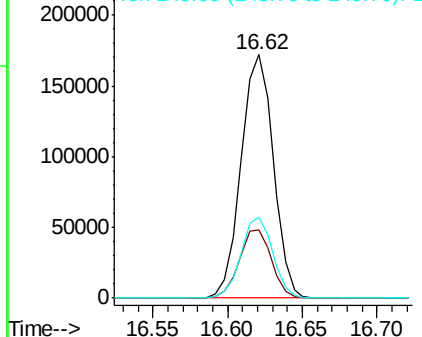


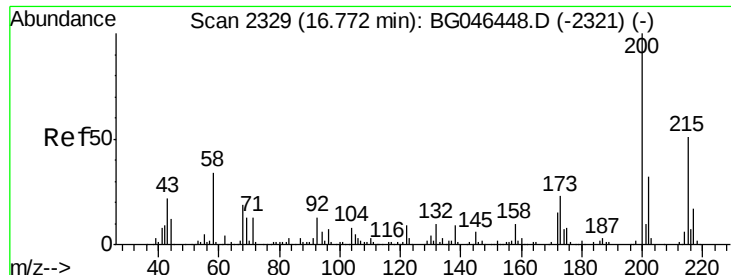
#68
 Hexachlorobenzene
 Concen: 39.278 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG046556.D
 Acq: 8 Sep 2020 13:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.8	22.3	33.5
249	33.1	24.8	37.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 33.775 ng

RT: 16.76 min Scan# 2327

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Instrument :

BNA_G

ClientSampled :

TP-11MS

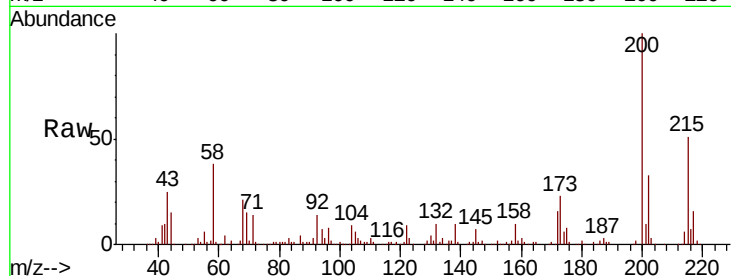
Tot Ion:200 Resp: 188320

Ion Ratio Lower Upper

200 100

173 23.5 3.3 43.3

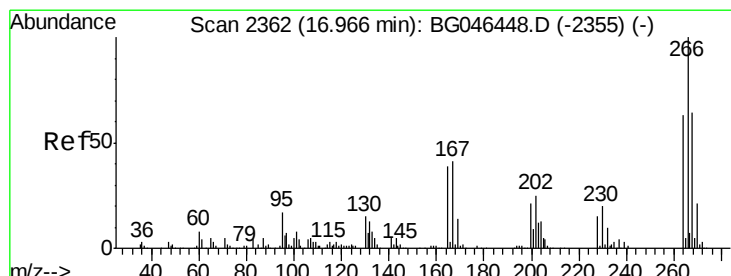
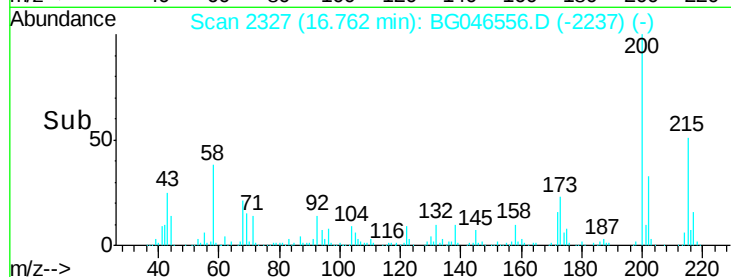
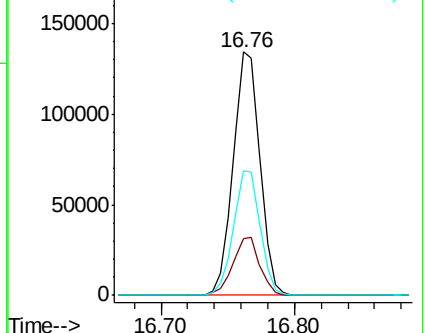
215 51.2 30.9 70.9



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: 87.350 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

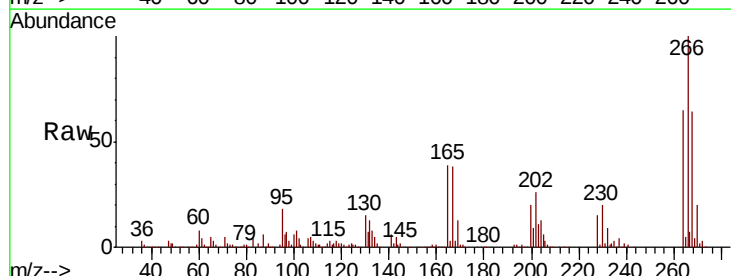
Tgt Ion:266 Resp: 298743

Ion Ratio Lower Upper

266 100

268 64.1 51.1 76.7

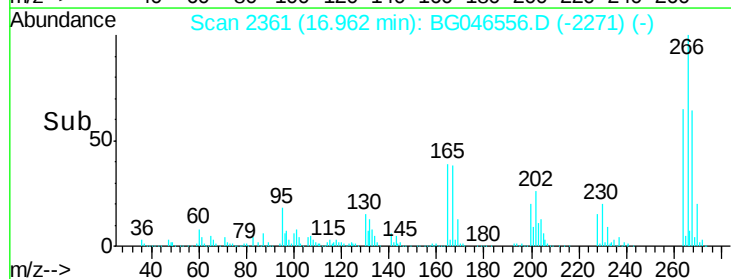
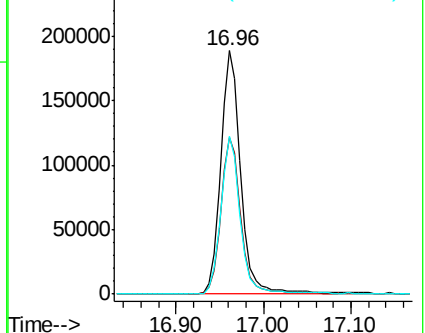
264 64.6 50.2 75.2

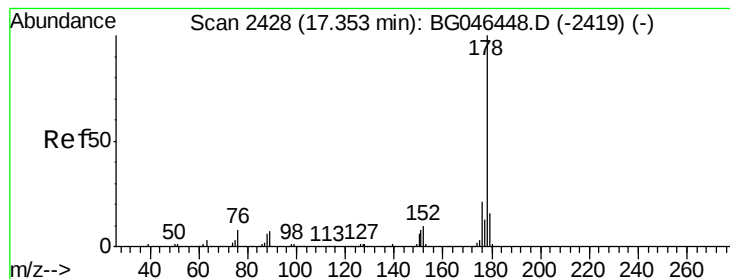


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.863 ng

RT: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Instrument :

BNA_G

ClientSampleId :

TP-11MS

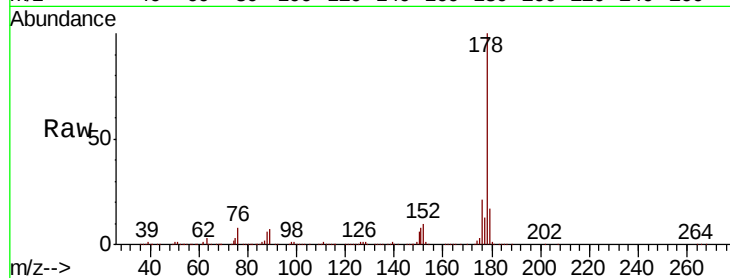
Tot Ion:178 Resp: 1049323

Ion Ratio Lower Upper

178 100

176 21.0 16.8 25.2

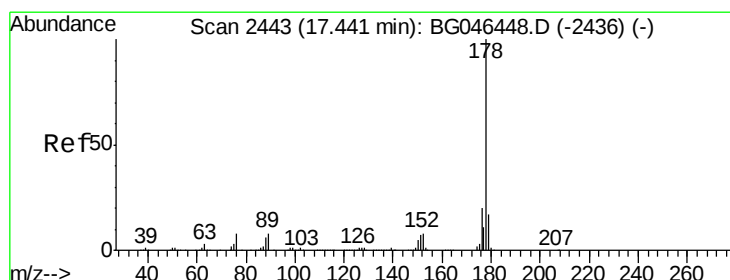
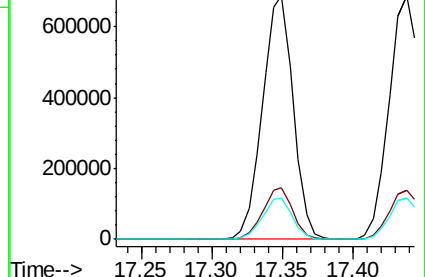
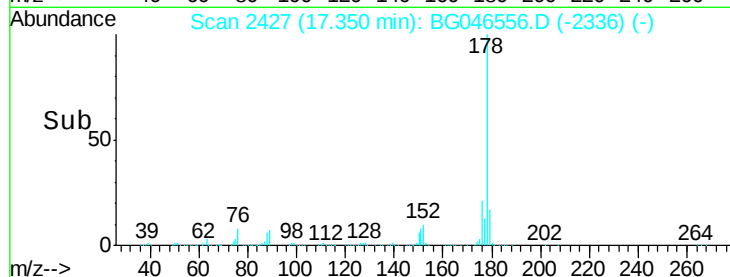
179 17.0 13.2 19.8



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: 42.570 ng

RT: 17.44 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

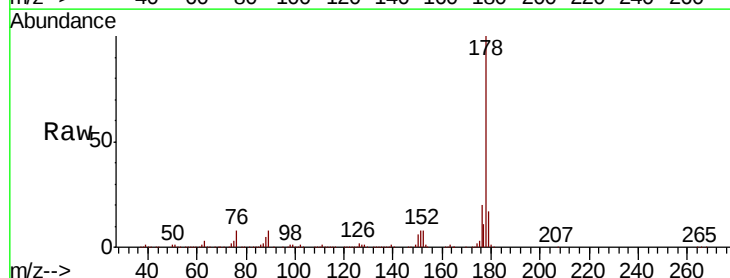
Tgt Ion:178 Resp: 1078527

Ion Ratio Lower Upper

178 100

176 20.2 16.1 24.1

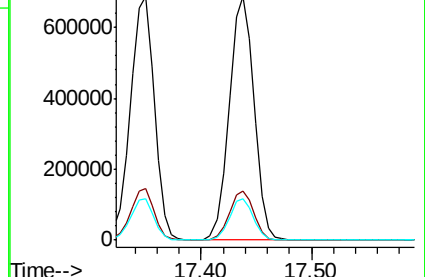
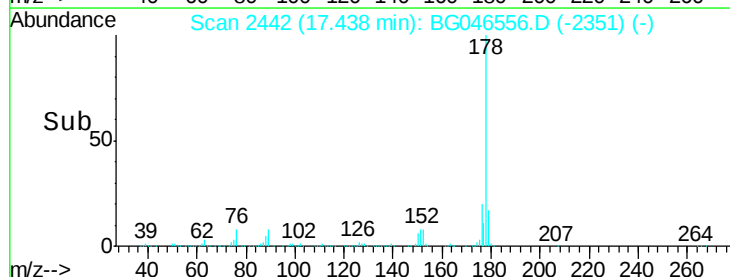
179 17.2 13.3 19.9

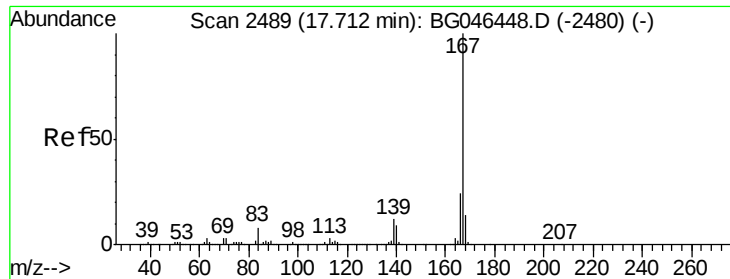


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

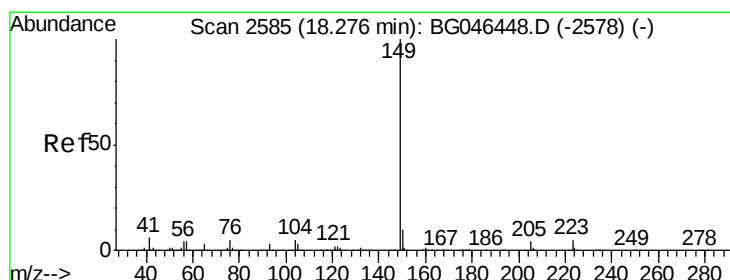
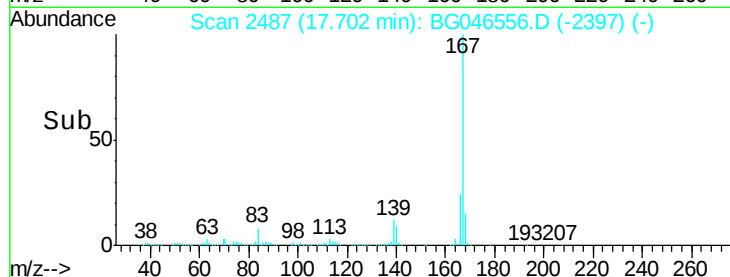
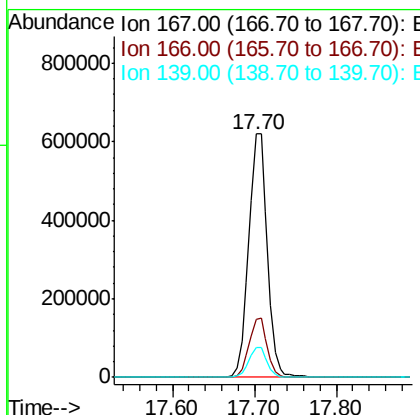
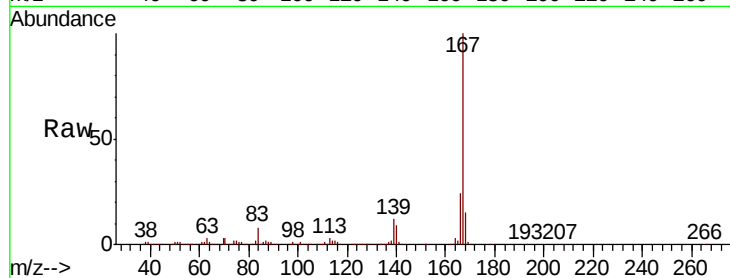




#73
 Carbazole
 Concen: 41.065 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. -0.00 min
 Lab File: BG046556.D
 Acq: 8 Sep 2020 13:54

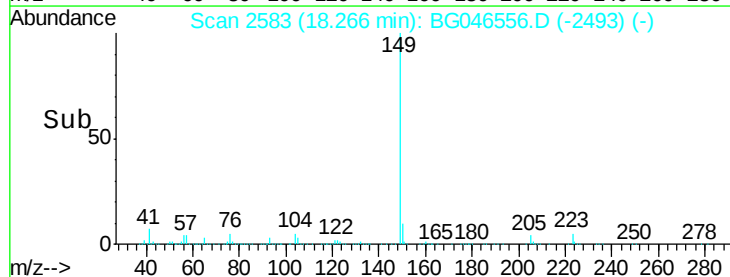
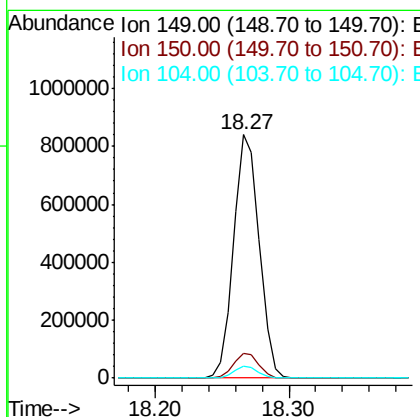
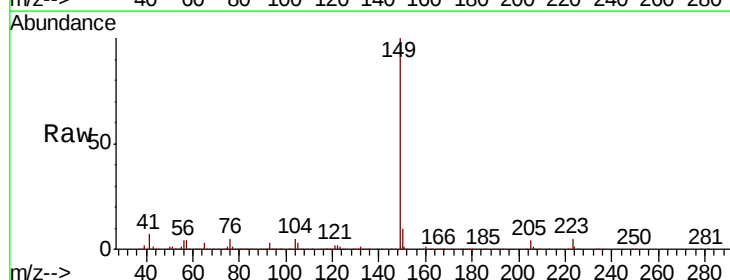
Instrument :
 BNA_G
 ClientSampleId :
 TP-11MS

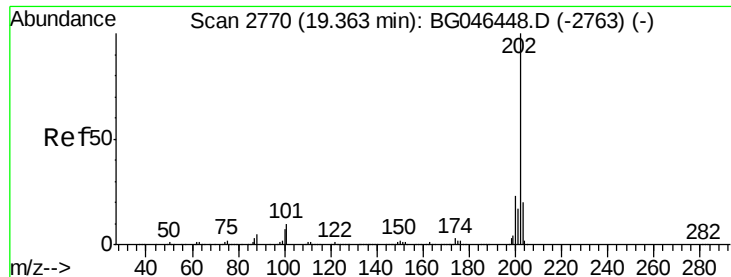
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.3	28.9
139	12.3	9.7	14.5



#74
 Di-n-butylphthalate
 Concen: 40.817 ng
 RT: 18.27 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: BG046556.D
 Acq: 8 Sep 2020 13:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 39.386 ng

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Instrument :

BNA_G

ClientSampled :

TP-11MS

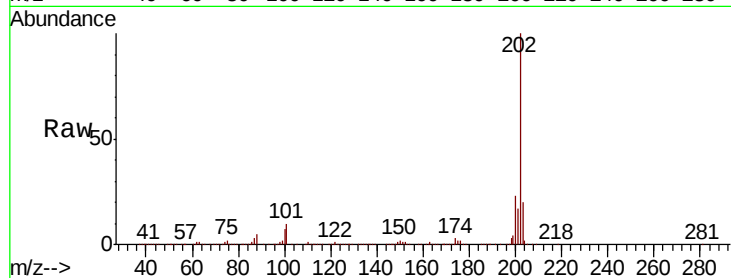
Tot Ion:202 Resp: 1301547

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.9

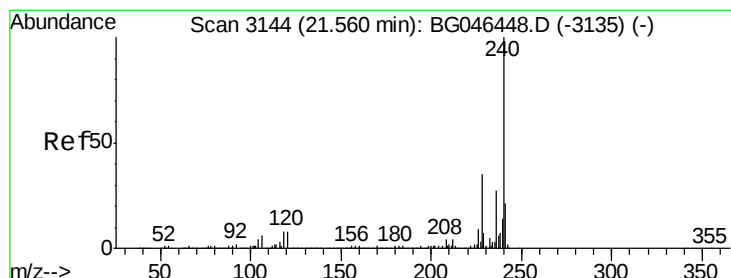
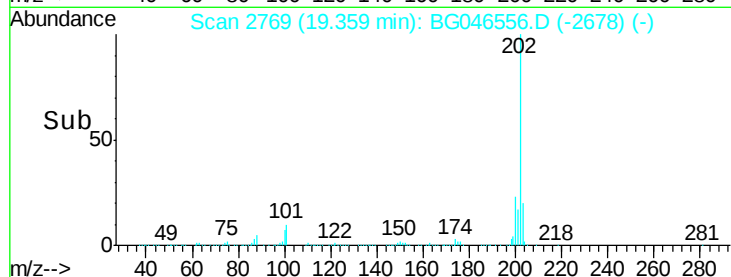
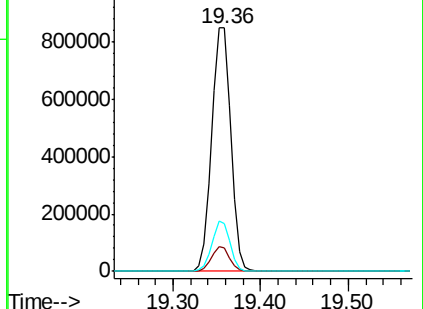
203 19.8 0.0 40.0



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: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

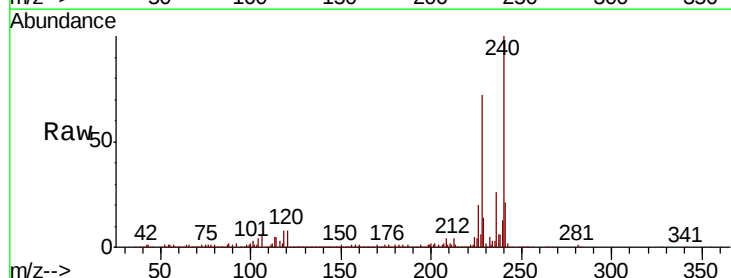
Tgt Ion:240 Resp: 488085

Ion Ratio Lower Upper

240 100

120 8.3 6.6 10.0

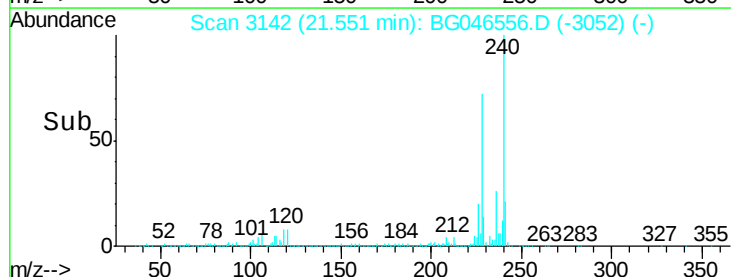
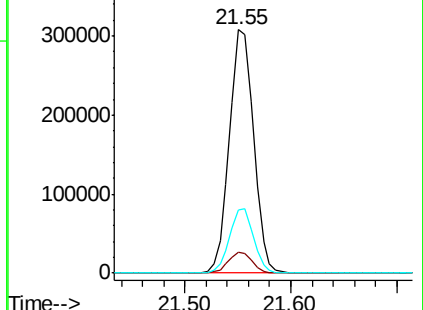
236 26.1 21.4 32.2

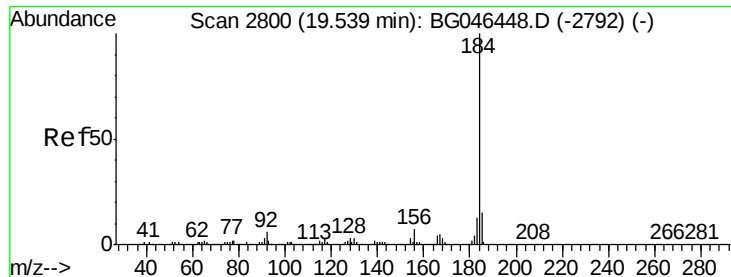


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.728 ng

RT: 19.54 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Instrument :

BNA_G

ClientSampleId :

TP-11MS

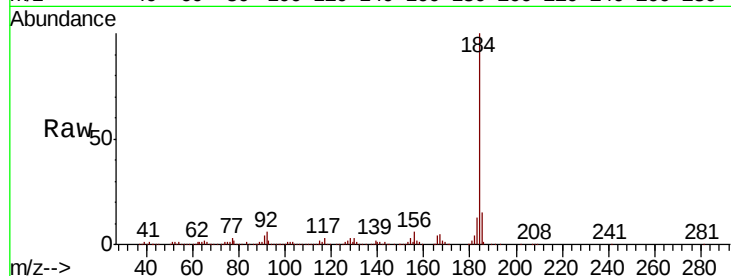
Tot Ion:184 Resp: 552649

Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.8

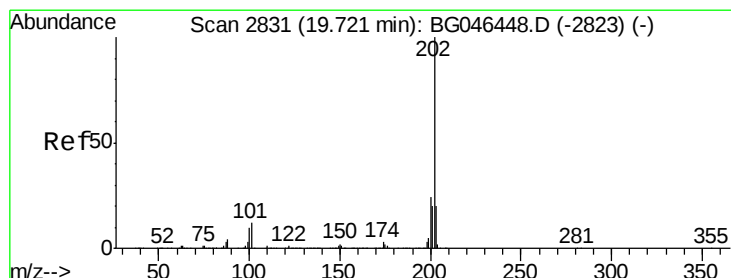
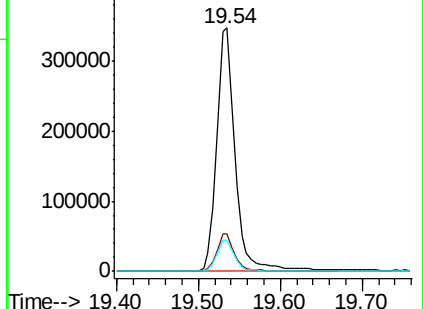
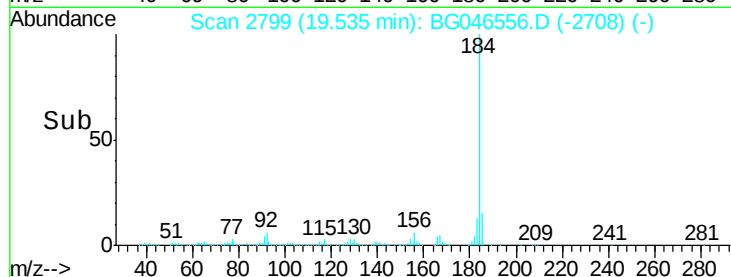
183 12.6 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.745 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

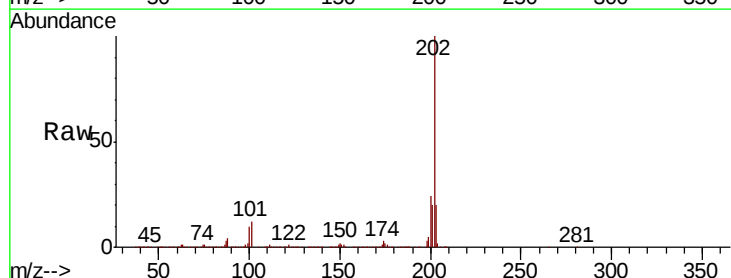
Tgt Ion:202 Resp: 1297467

Ion Ratio Lower Upper

202 100

200 23.8 18.9 28.3

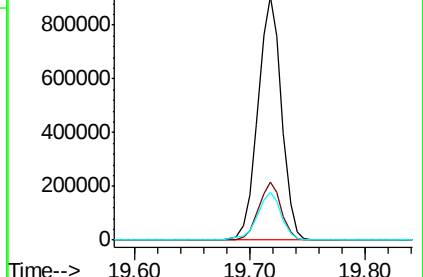
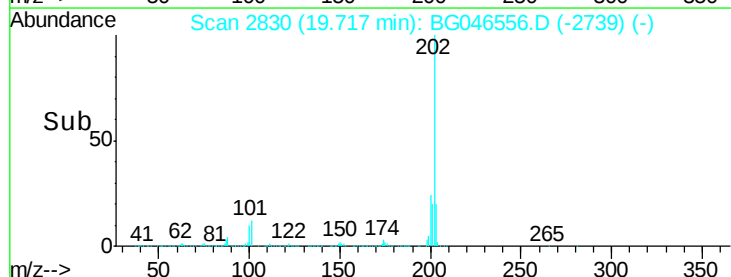
203 19.9 16.1 24.1

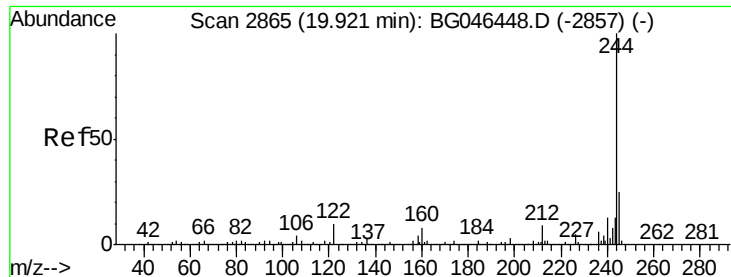


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.497 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Instrument :

BNA_G

ClientSampleId :

TP-11MS

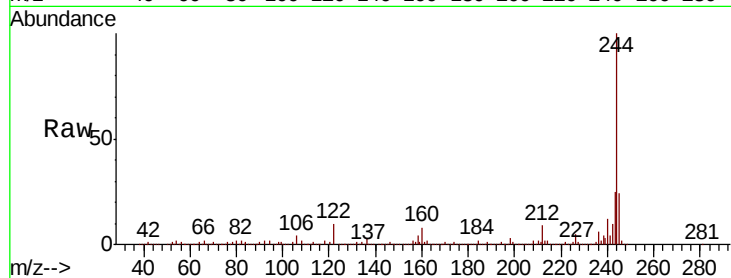
Tot Ion:244 Resp: 1662668

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

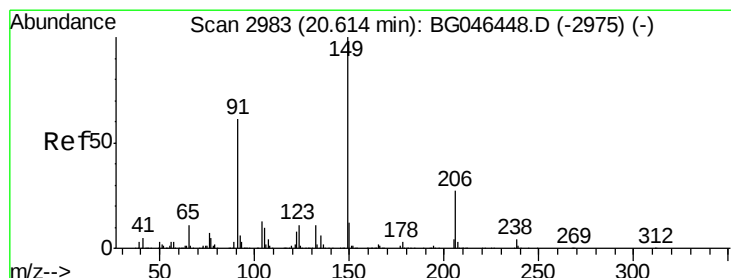
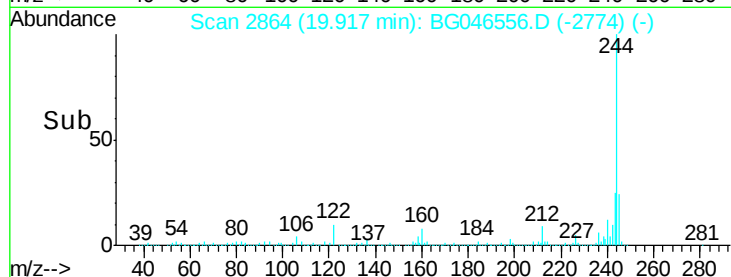
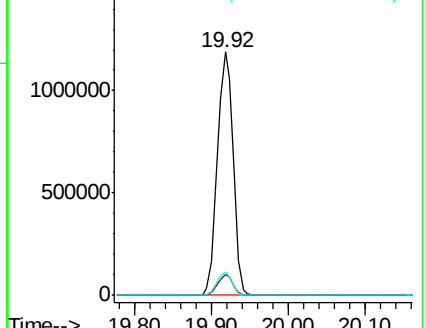
122 9.7 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.949 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

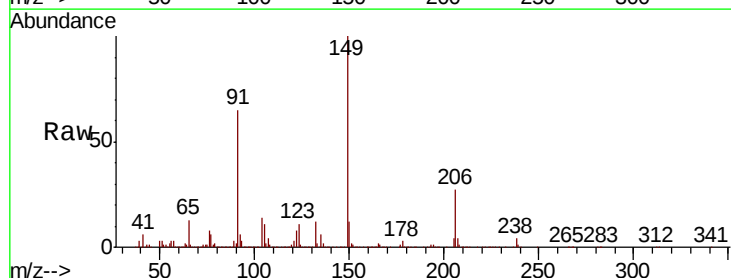
Tgt Ion:149 Resp: 496433

Ion Ratio Lower Upper

149 100

91 65.4 49.1 73.7

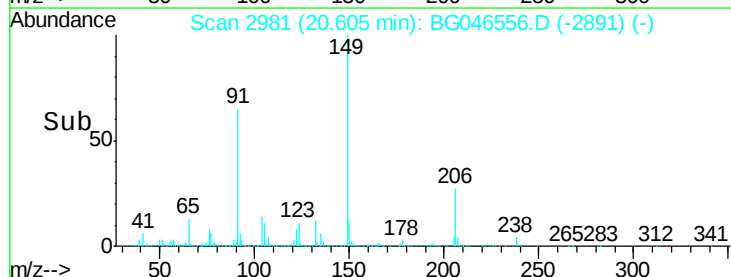
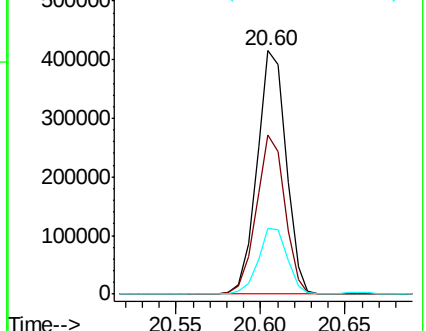
206 26.9 21.9 32.9

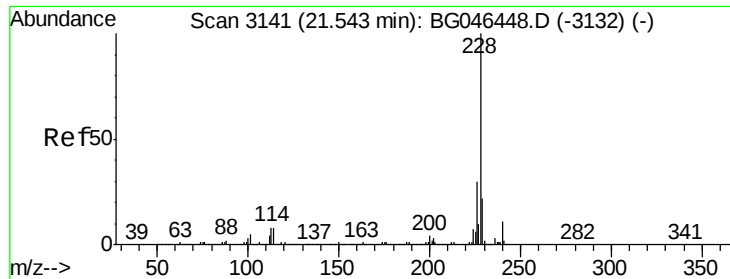


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

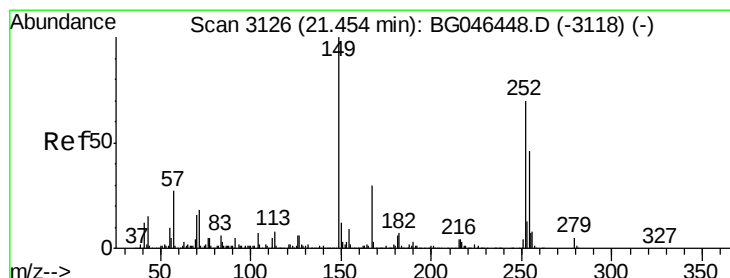
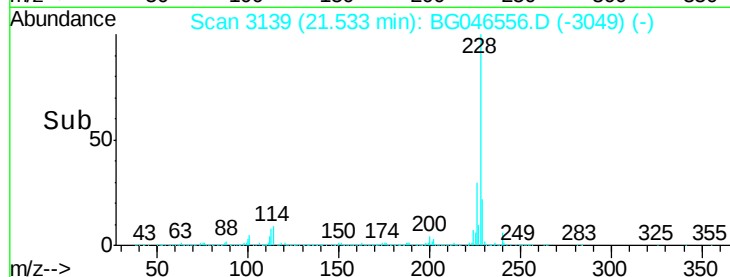
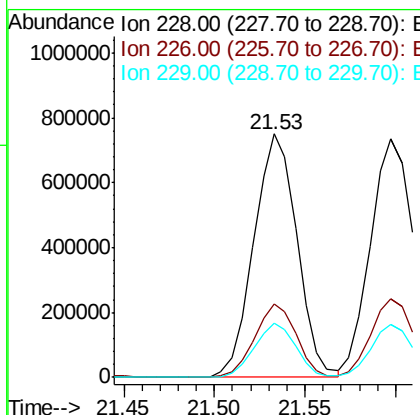
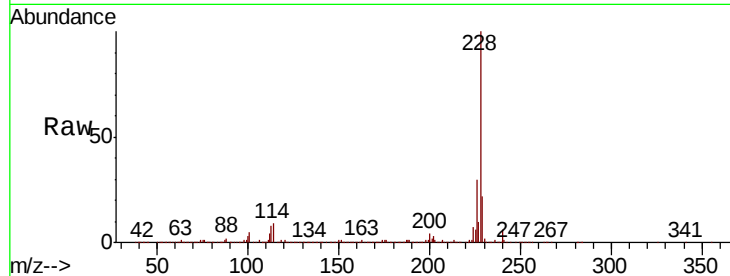




#81
Benzo(a)anthracene
Concen: 40.711 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

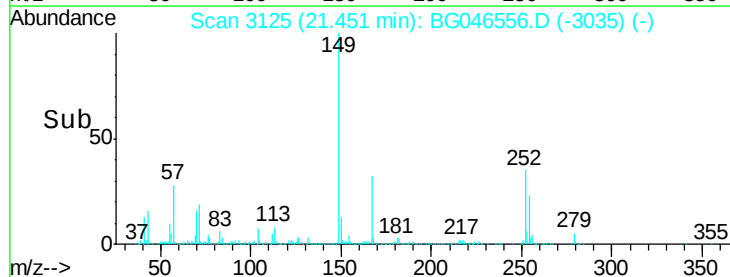
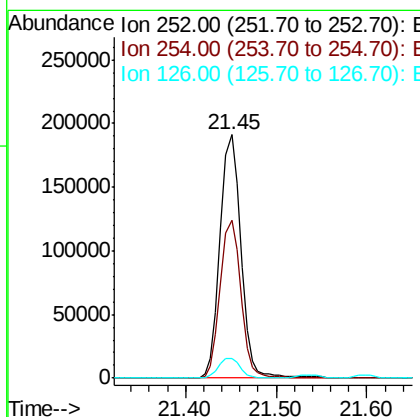
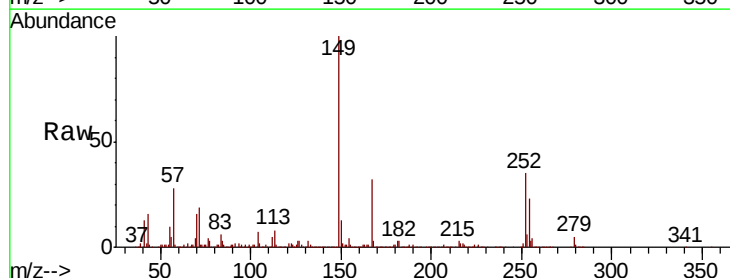
Instrument :
BNA_G
ClientSampleId :
TP-11MS

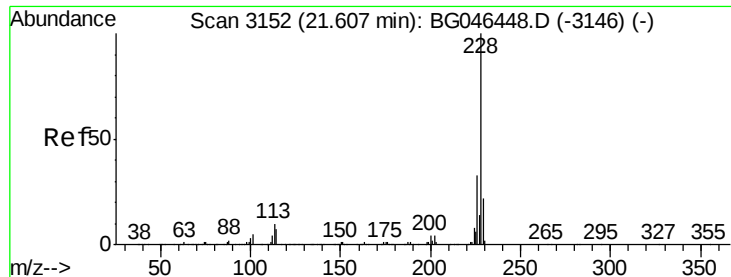
Tot Ion:228 Resp: 1238517
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.4
229 22.3 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 27.306 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

Tgt Ion:252 Resp: 308279
Ion Ratio Lower Upper
252 100
254 64.6 51.9 77.9
126 8.2 7.4 11.0

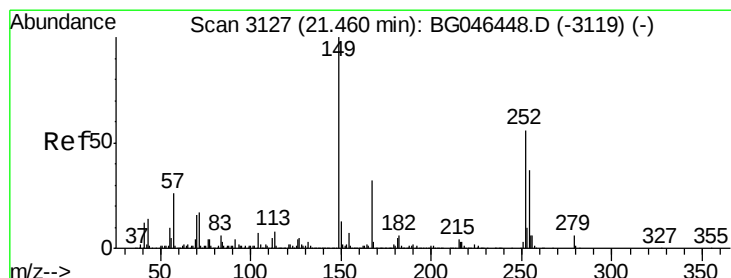
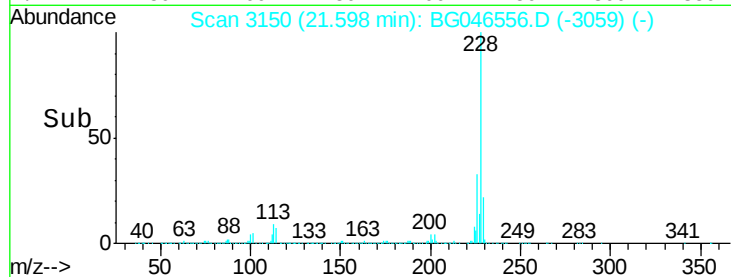
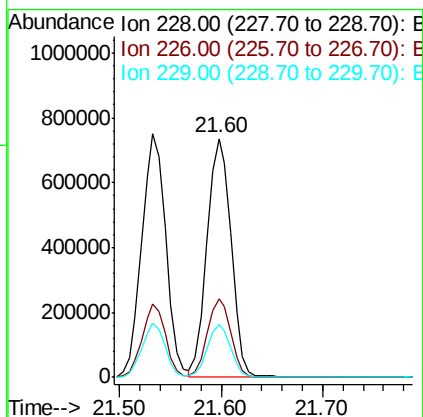
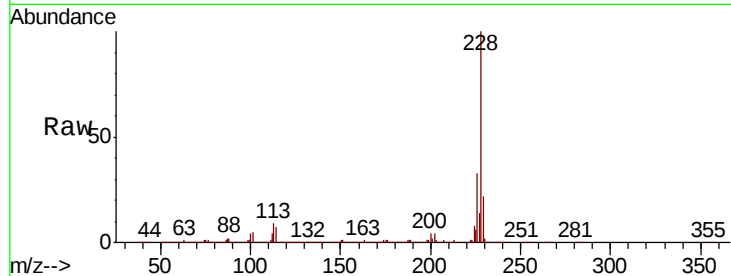




#83
Chrysene
Concen: 41.272 ng
RT: 21.60 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

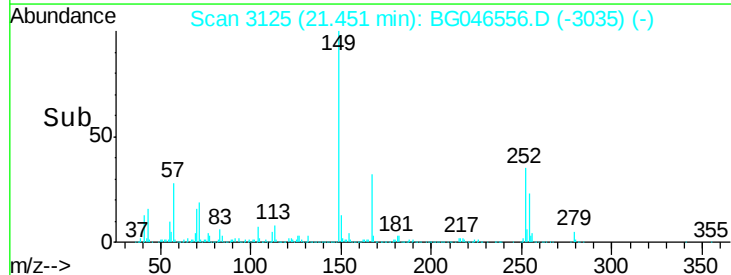
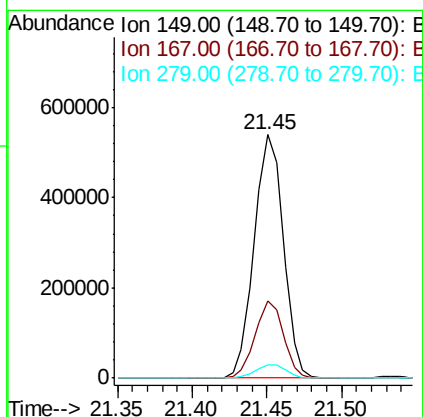
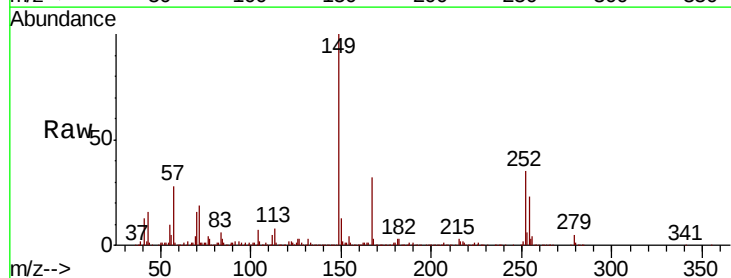
Instrument :
BNA_G
ClientSampleId :
TP-11MS

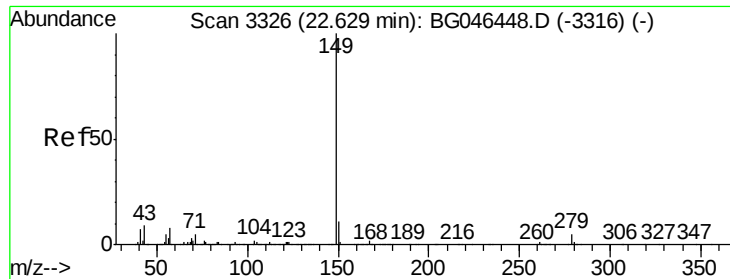
Tot Ion:228 Resp: 1207772
Ion Ratio Lower Upper
228 100
226 32.6 26.2 39.4
229 21.9 17.9 26.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.760 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

Tgt Ion:149 Resp: 723972
Ion Ratio Lower Upper
149 100
167 31.6 25.4 38.2
279 5.5 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 42.862 ng

RT: 22.62 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

Instrument :

BNA_G

ClientSampleId :

TP-11MS

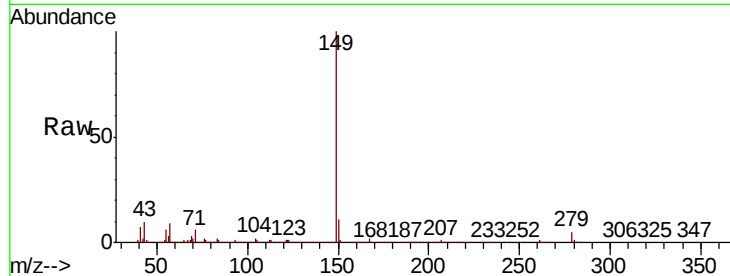
Tot Ion:149 Resp: 1214205

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	9.0	7.0	10.4

149 100

167 1.8 1.5 2.3

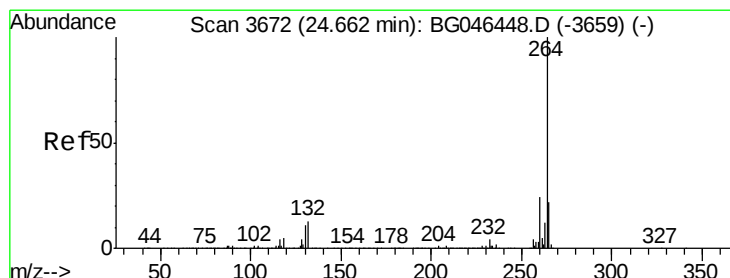
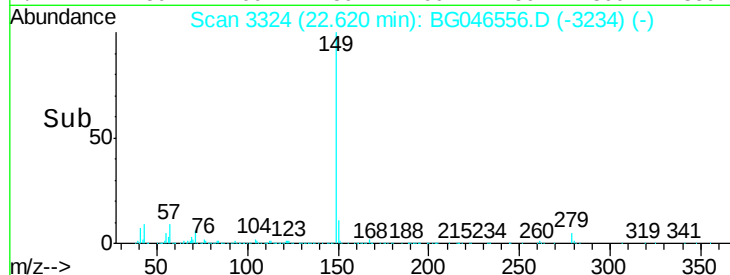
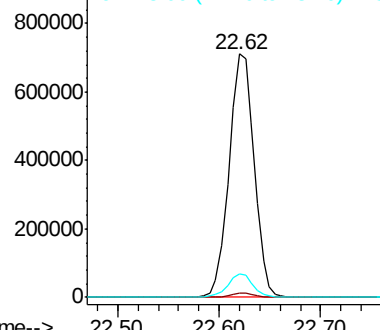
43 9.0 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BG046556.D

Acq: 8 Sep 2020 13:54

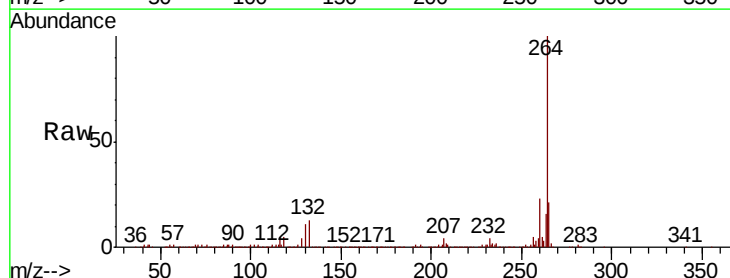
Tgt Ion:264 Resp: 500582

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.0	17.9	26.9

264 100

260 23.3 19.2 28.8

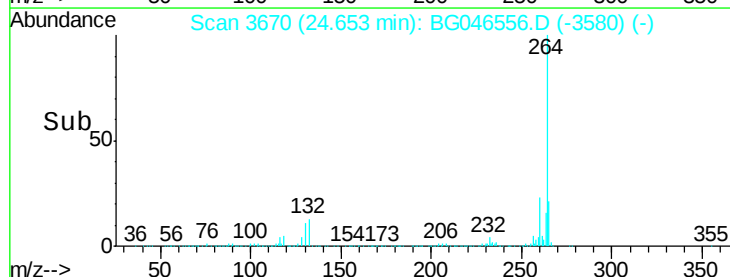
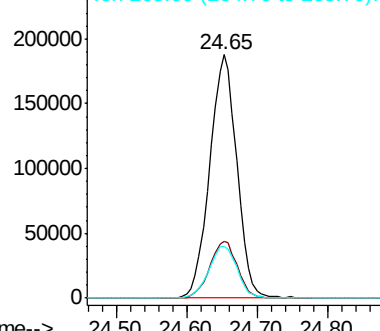
265 21.0 17.9 26.9

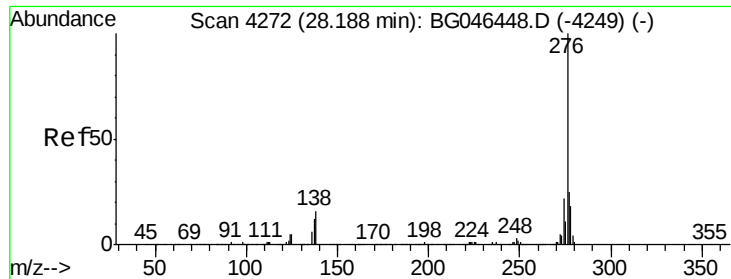


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

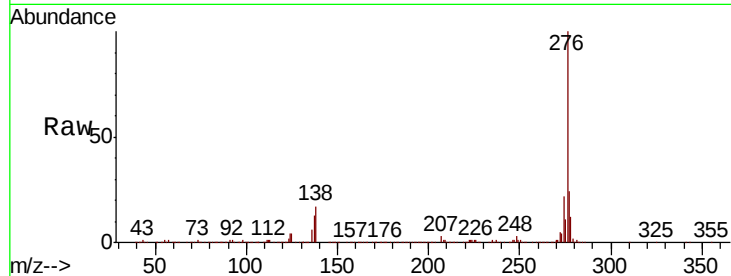




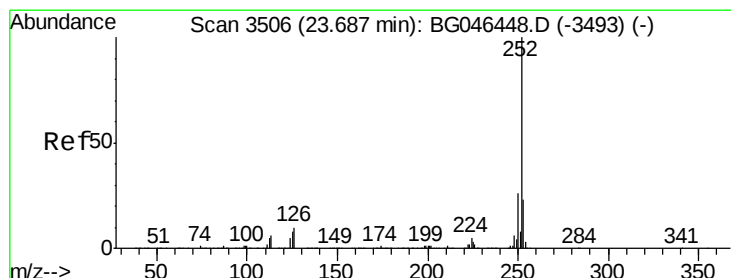
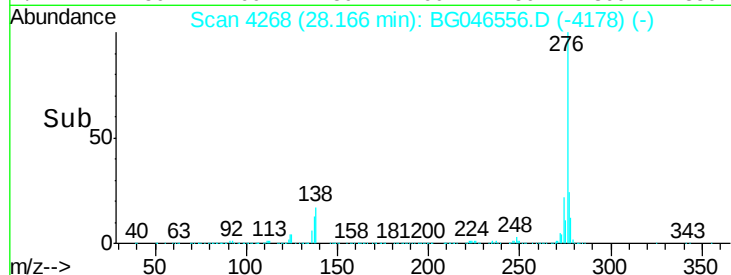
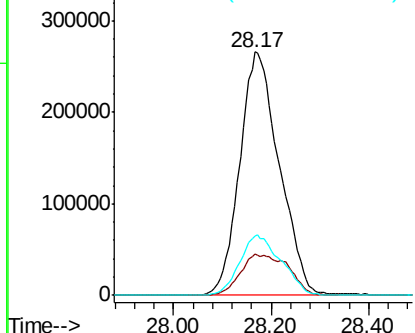
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.686 ng
 RT: 28.17 min Scan# 4268
 Delta R.T. -0.00 min
 Lab File: BG046556.D
 Acq: 8 Sep 2020 13:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-11MS

Tot Ion:276 Resp: 1498722
 Ion Ratio Lower Upper
 276 100
 138 20.6 16.5 24.7
 277 26.0 20.7 31.1

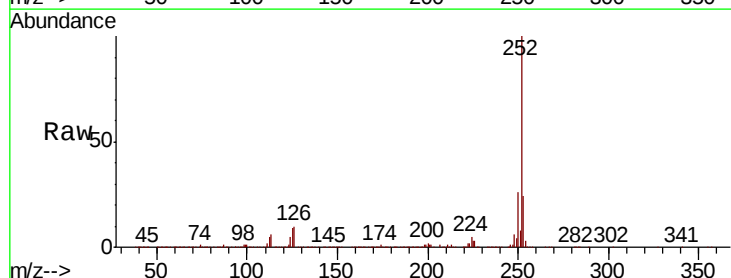


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

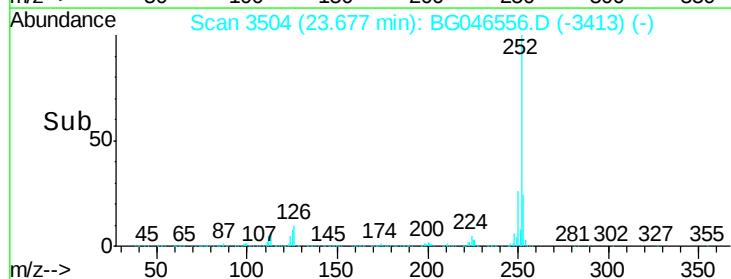
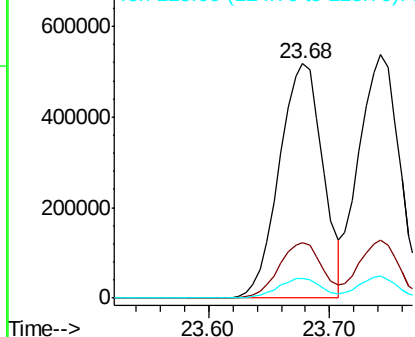


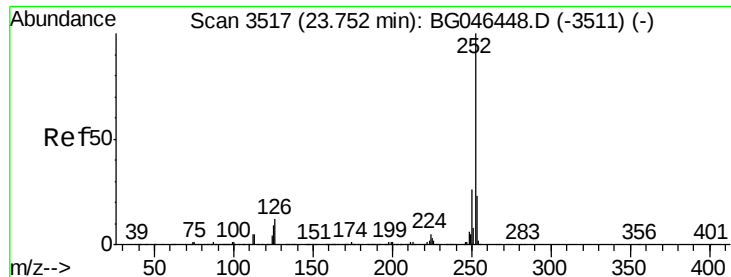
#88
 Benzo(b)fluoranthene
 Concen: 41.415 ng
 RT: 23.68 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: BG046556.D
 Acq: 8 Sep 2020 13:54

Tgt Ion:252 Resp: 1294499
 Ion Ratio Lower Upper
 252 100
 253 23.7 18.2 27.4
 125 8.5 6.2 9.2



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

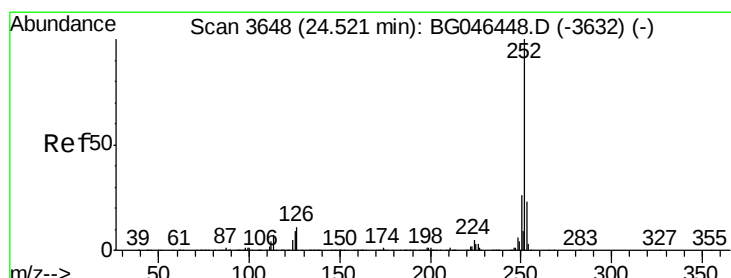
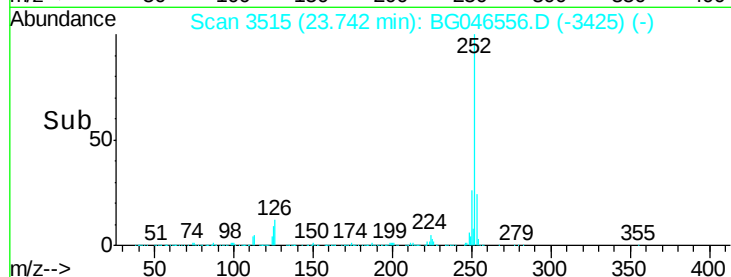
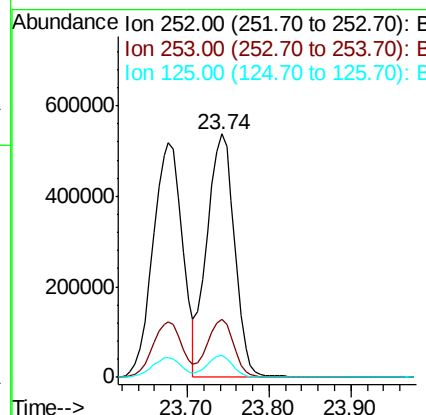
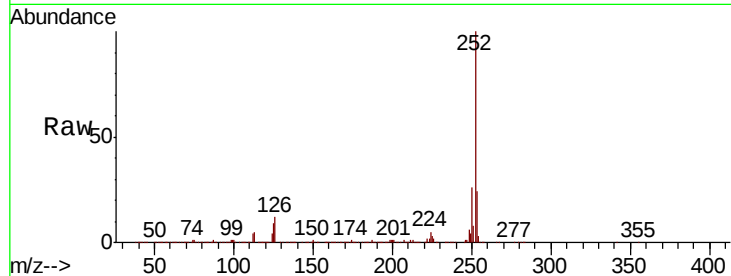




#89
Benzo(k)fluoranthene
Concen: 41.636 ng
RT: 23.74 min Scan# 3515
Delta R.T. -0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

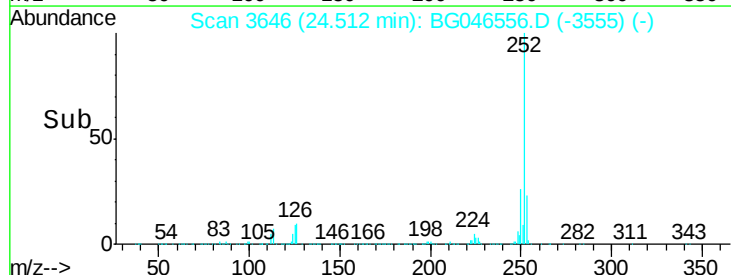
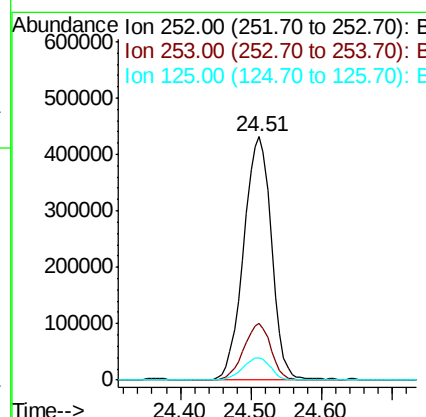
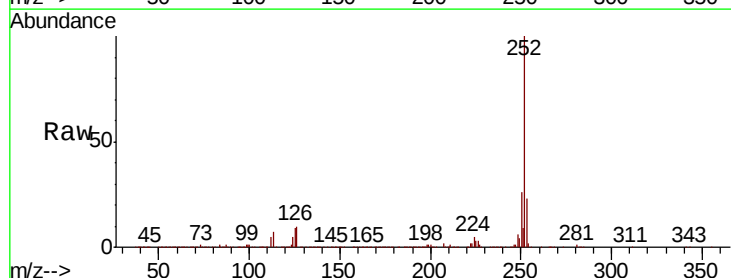
Instrument :
BNA_G
ClientSampleId :
TP-11MS

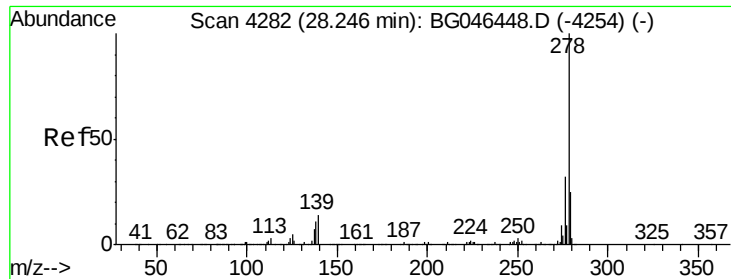
Tot Ion:252 Resp: 1257747
Ion Ratio Lower Upper
252 100
253 23.6 18.5 27.7
125 9.0 6.8 10.2



#90
Benzo(a)pyrene
Concen: 40.535 ng
RT: 24.51 min Scan# 3646
Delta R.T. 0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

Tgt Ion:252 Resp: 1182387
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.4
125 9.0 7.4 11.0

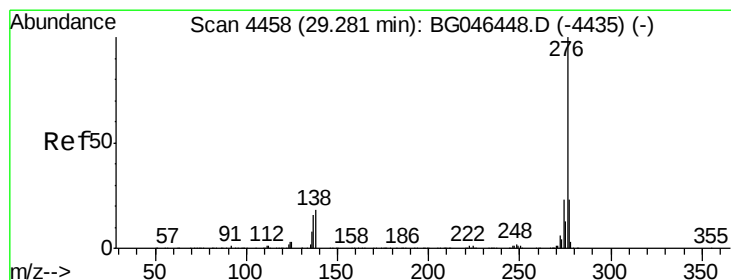
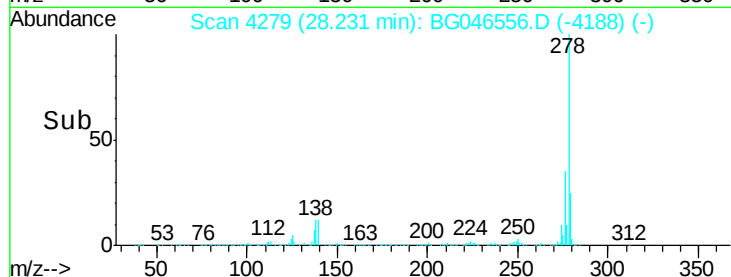
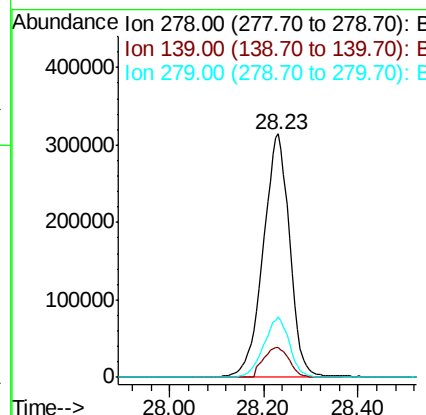
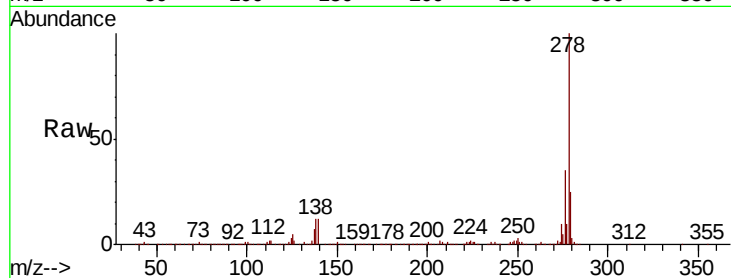




#91
Dibenzo(a,h)anthracene
Concen: 42.551 ng
RT: 28.23 min Scan# 4279
Delta R.T. 0.00 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

Instrument :
BNA_G
ClientSampleId :
TP-11MS

Tot Ion:278 Resp: 1234515
Ion Ratio Lower Upper
278 100
139 12.3 11.2 16.8
279 24.8 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 43.225 ng
RT: 29.26 min Scan# 4455
Delta R.T. -0.01 min
Lab File: BG046556.D
Acq: 8 Sep 2020 13:54

Tgt Ion:276 Resp: 1252307
Ion Ratio Lower Upper
276 100
277 24.8 18.7 28.1
138 17.6 14.7 22.1

