

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
 Data File : BG046557.D
 Acq On : 8 Sep 2020 14:34
 Operator : CG/JU
 Sample : L3919-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11MSD

Quant Time: Sep 08 16:52:55 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	66704	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	272852	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	202308	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	500624	20.00	ng	0.00
76) Chrysene-d12	21.55	240	486090	20.00	ng	0.00
86) Perylene-d12	24.65	264	499312	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	464669	123.38	ng	0.00
7) Phenol-d6	7.10	99	624922	117.05	ng	0.00
23) Nitrobenzene-d5	9.08	82	401280	84.06	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	321871	117.42	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1053214	79.47	ng	0.00
79) Terphenyl-d14	19.92	244	1647806	72.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	51365	32.783	ng	95
3) Pyridine	3.81	79	156675	34.177	ng	96
4) n-Nitrosodimethylamine	3.72	42	69416	41.056	ng	98
6) Aniline	7.25	93	176795	29.428	ng	98
8) 2-Chlorophenol	7.50	128	183035	45.984	ng	99
9) Benzaldehyde	7.06	77	100085	33.461	ng	92
10) Phenol	7.13	94	228585	46.486	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	163786	41.438	ng	98
12) 1,3-Dichlorobenzene	7.82	146	203716	40.311	ng	99
13) 1,4-Dichlorobenzene	7.96	146	204403	40.401	ng	99
14) 1,2-Dichlorobenzene	8.28	146	199299	41.083	ng	99
15) Benzyl Alcohol	8.17	79	160453	46.812	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	250678	40.888	ng	99
17) 2-Methylphenol	8.38	107	162394	46.567	ng	99
18) Hexachloroethane	9.01	117	67777	39.511	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	135539	42.443	ng	97
20) 3+4-Methylphenols	8.71	107	225206	46.787	ng	99
22) Acetophenone	8.75	105	261773	39.413	ng	# 99
24) Nitrobenzene	9.12	77	195978	41.553	ng	98
25) Isophorone	9.65	82	381563	43.596	ng	97
26) 2-Nitrophenol	9.83	139	109842	44.142	ng	95
27) 2,4-Dimethylphenol	9.91	122	181665	53.080	ng	98
28) bis(2-Chloroethoxy)methane	10.13	93	230872	40.983	ng	100
29) 2,4-Dichlorophenol	10.38	162	208674	45.737	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	213408	39.423	ng	99
31) Naphthalene	10.77	128	553533	41.549	ng	99
32) Benzoic acid	10.06	122	91366	38.750	ng	98
33) 4-Chloroaniline	10.88	127	123708	21.058	ng	97
34) Hexachlorobutadiene	11.07	225	134382	38.241	ng	98
35) Caprolactam	11.66	113	48089	28.197	ng	94
36) 4-Chloro-3-methylphenol	12.02	107	214743	48.123	ng	95
37) 2-Methylnaphthalene	12.38	142	442270	42.093	ng	100
38) 1-Methylnaphthalene	12.60	142	419482	42.148	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	267344	40.073	ng	99

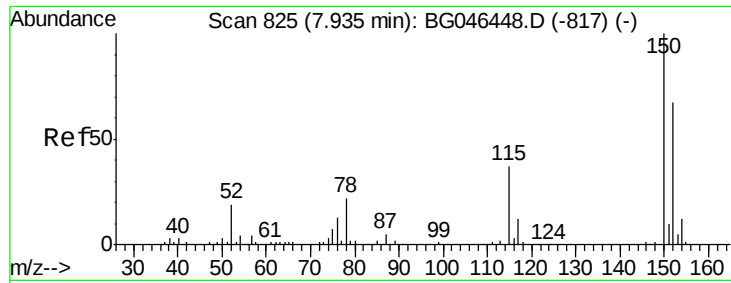
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	278279	95.930	ng	100
43) 2,4,6-Trichlorophenol	13.00	196	193626	43.008	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	212783	44.984	ng	97
46) 1,1'-Biphenyl	13.39	154	586457	41.665	ng	99
47) 2-Chloronaphthalene	13.44	162	467832	39.201	ng	99
48) 2-Nitroaniline	13.64	65	136367	41.151	ng	99
49) Acenaphthylene	14.28	152	751194	41.496	ng	100
50) Dimethylphthalate	14.02	163	762007	48.686	ng	100
51) 2,6-Dinitrotoluene	14.13	165	146718	42.525	ng	99
52) Acenaphthene	14.62	154	457542	40.786	ng	99
53) 3-Nitroaniline	14.46	138	94426	25.266	ng	99
54) 2,4-Dinitrophenol	14.68	184	163313	81.094	ng	96
55) Dibenzofuran	14.96	168	750307	41.676	ng	99
56) 4-Nitrophenol	14.79	139	247758	90.080	ng	97
57) 2,4-Dinitrotoluene	14.92	165	209503	42.586	ng	99
58) Fluorene	15.61	166	637458	42.188	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	201975	43.971	ng	98
60) Diethylphthalate	15.38	149	640016	41.940	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	341720	41.064	ng	97
62) 4-Nitroaniline	15.63	138	150892	38.265	ng	95
63) Azobenzene	15.89	77	536905	43.253	ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	136437	48.150	ng	97
66) n-Nitrosodiphenylamine	15.82	169	579183	42.884	ng	100
67) 4-Bromophenyl-phenylether	16.49	248	243362	41.667	ng	98
68) Hexachlorobenzene	16.62	284	254830	39.396	ng	98
69) Atrazine	16.76	200	186288	33.811	ng	99
70) Pentachlorophenol	16.96	266	295275	87.369	ng	99
71) Phenanthrene	17.34	178	1044864	41.177	ng	100
72) Anthracene	17.44	178	1071805	42.811	ng	99
73) Carbazole	17.70	167	974984	41.247	ng	100
74) Di-n-butylphthalate	18.27	149	1104403	40.631	ng	99
75) Fluoranthene	19.35	202	1296952	39.717	ng	100
77) Benzidine	19.53	184	533419	47.225	ng	99
78) Pyrene	19.72	202	1289351	41.654	ng	100
80) Butylbenzylphthalate	20.60	149	494807	40.982	ng	95
81) Benzo(a)anthracene	21.53	228	1241803	40.986	ng	100
82) 3,3'-Dichlorobenzidine	21.45	252	301734	26.836	ng	99
83) Chrysene	21.60	228	1199604	41.161	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	722117	43.827	ng	99
85) Di-n-octyl phthalate	22.62	149	1207323	42.794	ng	99
87) Indeno(1,2,3-cd)pyrene	28.17	276	1491391	41.587	ng	100
88) Benzo(b)fluoranthene	23.68	252	1276775	40.952	ng	98
89) Benzo(k)fluoranthene	23.74	252	1254948	41.649	ng	99
90) Benzo(a)pyrene	24.51	252	1171856	40.276	ng	99
91) Dibenzo(a,h)anthracene	28.23	278	1224034	42.297	ng	99
92) Benzo(g,h,i)perylene	29.27	276	1245447	43.097	ng	99

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

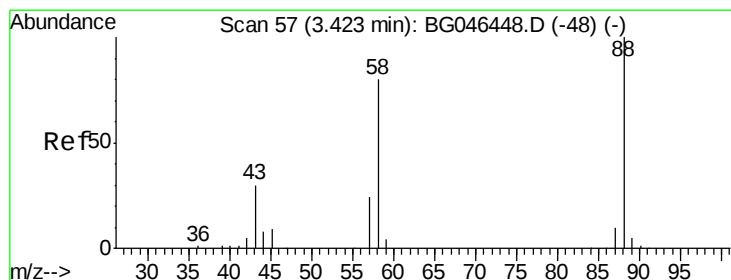
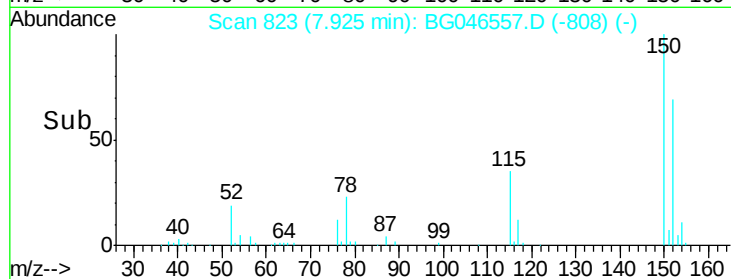
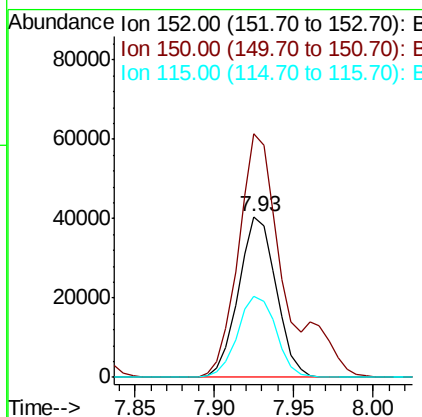
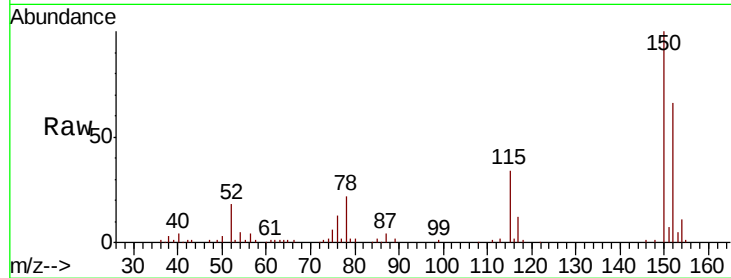


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-11MSD

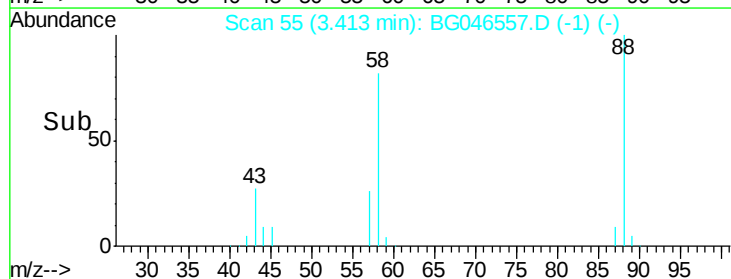
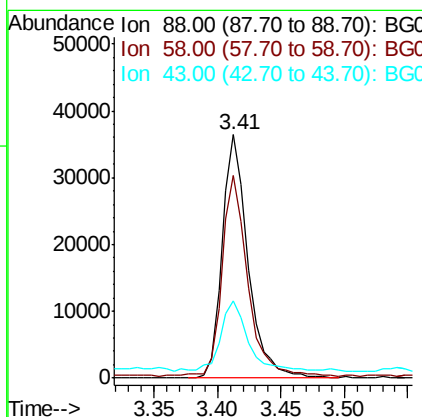
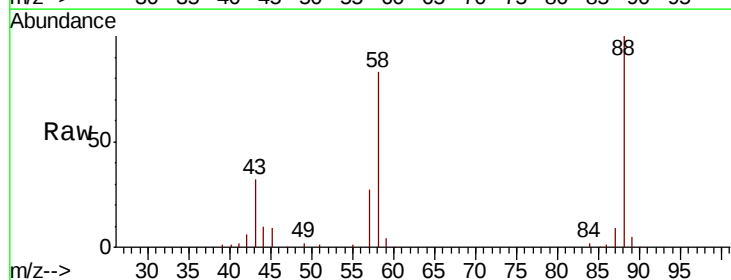
Tot Ion:152 Resp: 66704
 Ion Ratio Lower Upper
 152 100
 150 151.4 119.5 179.3
 115 50.7 44.3 66.5

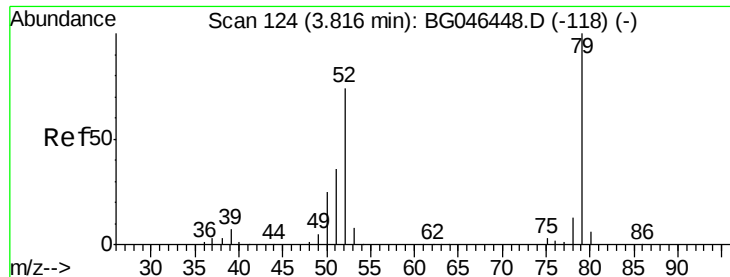


#2

1,4-Dioxane
 Concen: 32.783 ng
 RT: 3.41 min Scan# 55
 Delta R.T. -0.01 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

Tgt Ion: 88 Resp: 51365
 Ion Ratio Lower Upper
 88 100
 58 81.5 61.4 92.2
 43 28.5 21.6 32.4





#3

Pvridine

Concen: 34.177 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.01 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Instrument :

BNA_G

ClientSampleId :

TP-11MSD

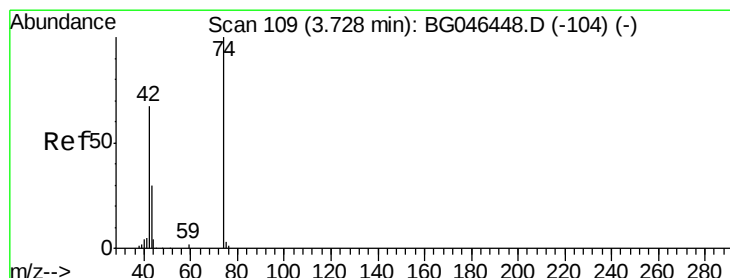
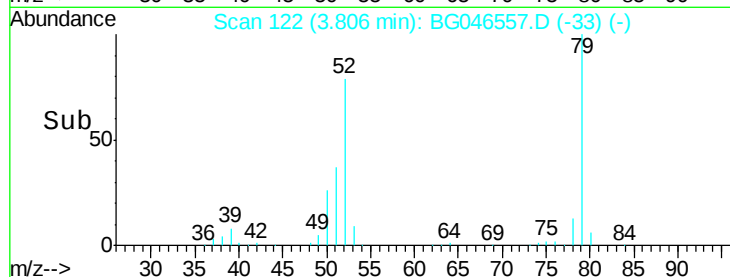
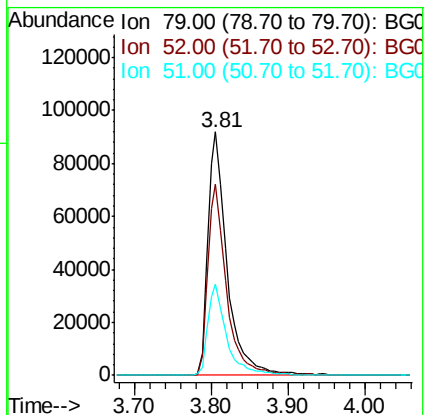
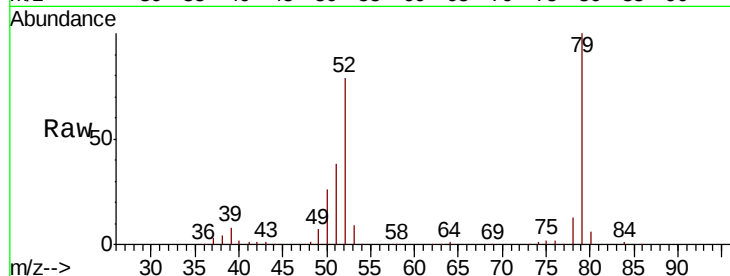
Tot Ion: 79 Resp: 156675

Ion Ratio Lower Upper

79 100

52 78.7 59.1 88.7

51 37.5 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 41.056 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

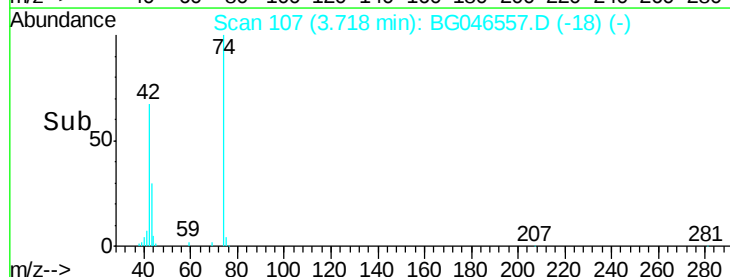
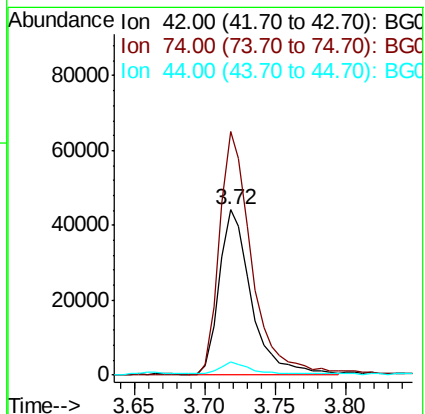
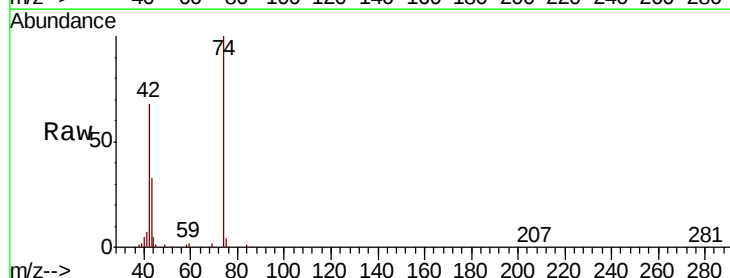
Tgt Ion: 42 Resp: 69416

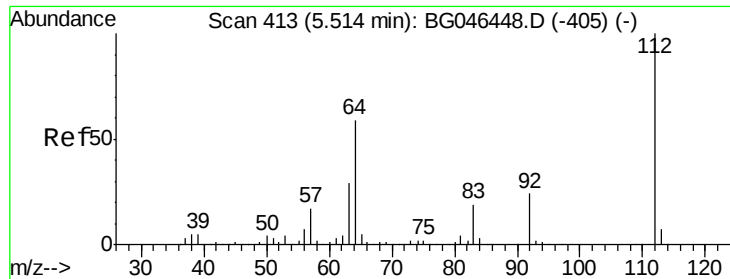
Ion Ratio Lower Upper

42 100

74 147.5 119.5 179.3

44 7.7 5.7 8.5





#5

2-Fluorophenol

Concen: 123.383 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Instrument :

BNA_G

ClientSampleId :

TP-11MSD

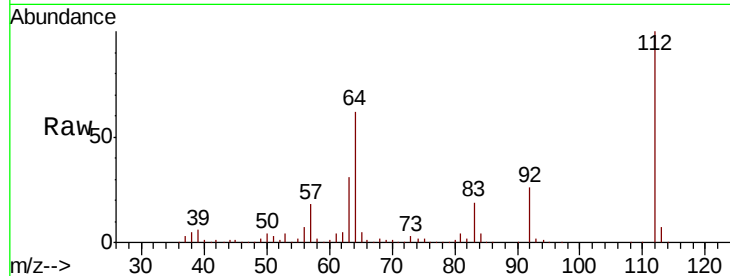
Tot Ion:112 Resp: 464669

Ion Ratio Lower Upper

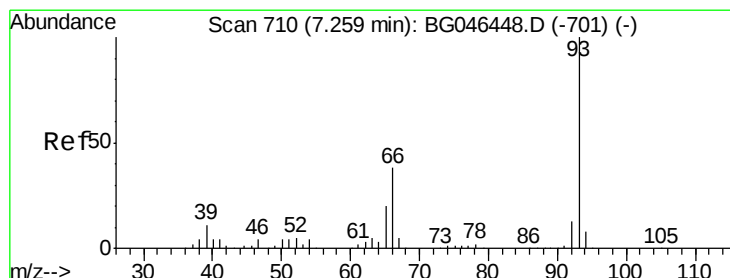
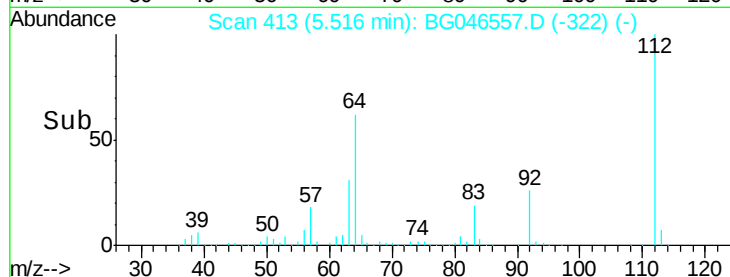
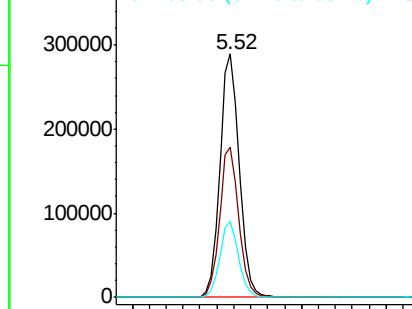
112 100

64 61.7 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: 29.428 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

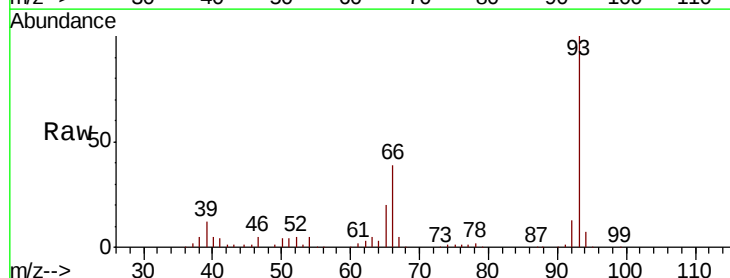
Tgt Ion: 93 Resp: 176795

Ion Ratio Lower Upper

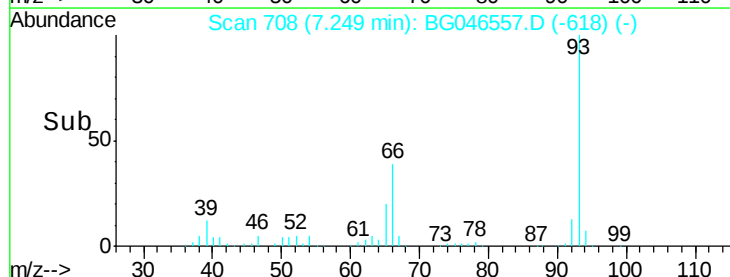
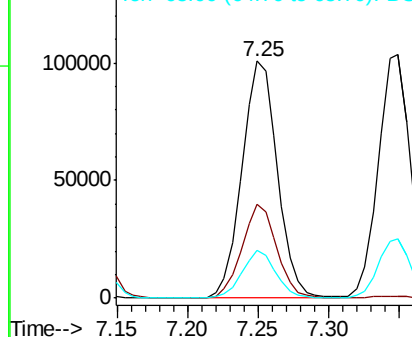
93 100

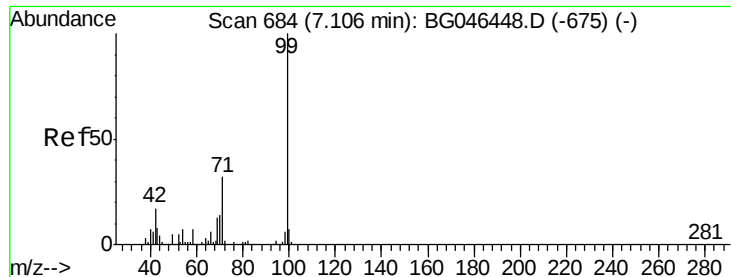
66 39.5 30.4 45.6

65 20.4 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: 117.053 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Instrument :

BNA_G

ClientSampleId :

TP-11MSD

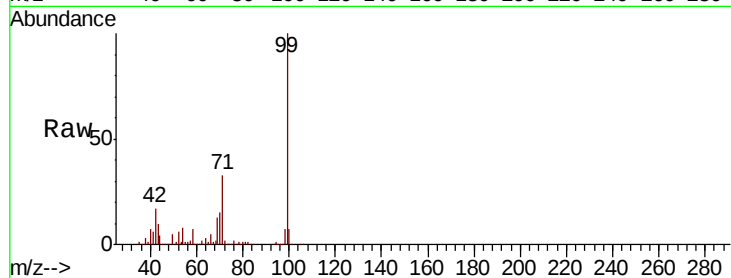
Tot Ion: 99 Resp: 624922

Ion Ratio Lower Upper

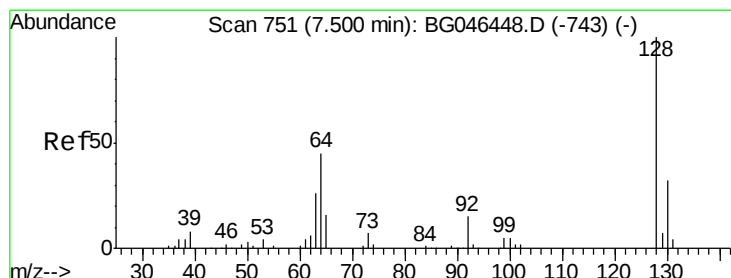
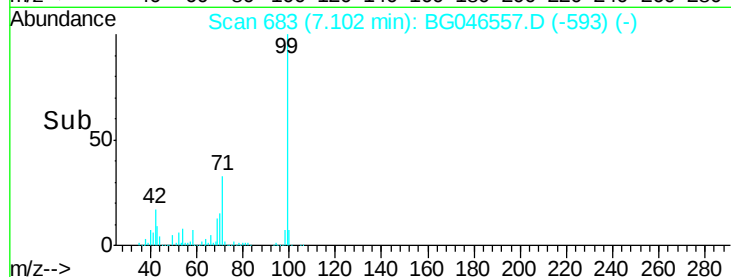
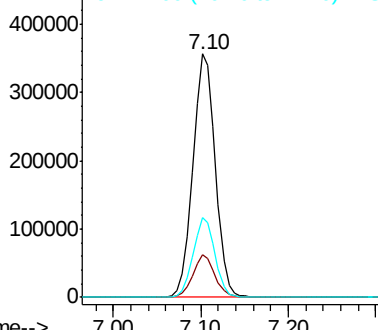
99 100

42 17.3 13.3 19.9

71 32.8 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: 45.984 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

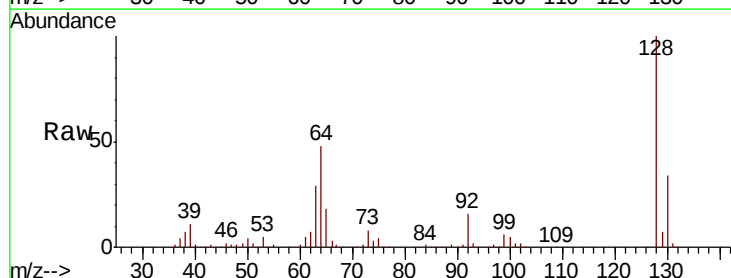
Tgt Ion: 128 Resp: 183035

Ion Ratio Lower Upper

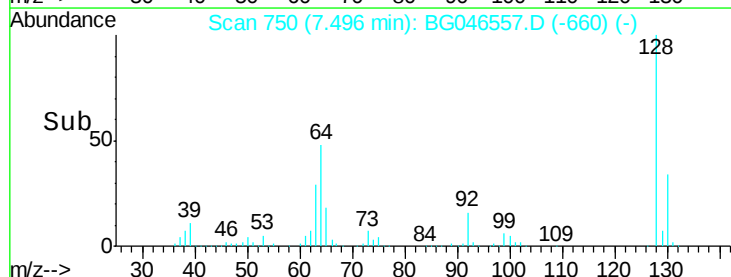
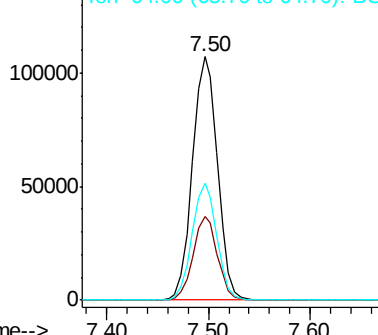
128 100

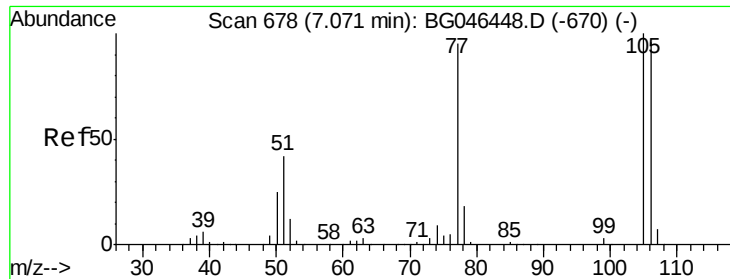
130 34.2 12.4 52.4

64 48.3 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

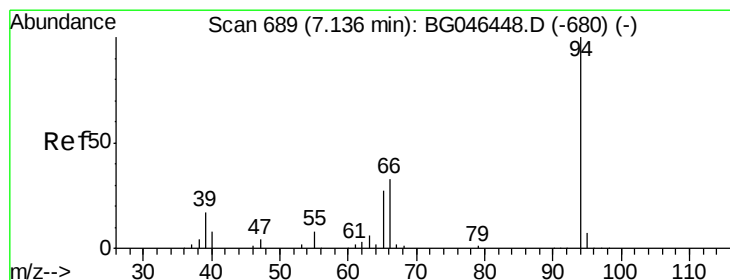
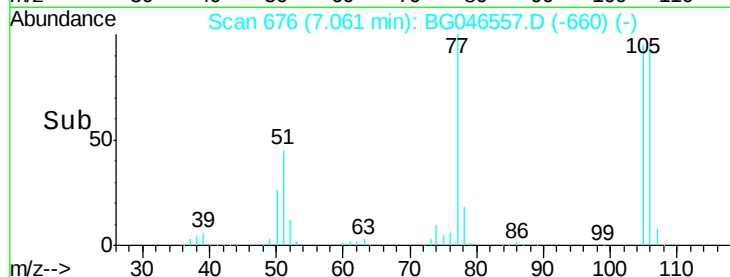
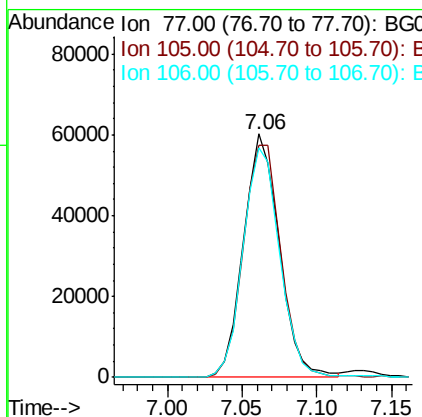
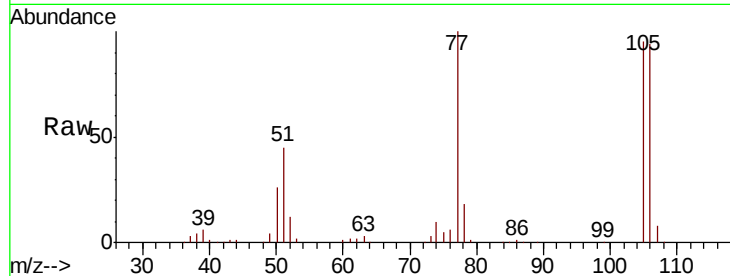




#9
Benzaldehyde
Concen: 33.461 ng
RT: 7.06 min Scan# 676
Delta R.T. -0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

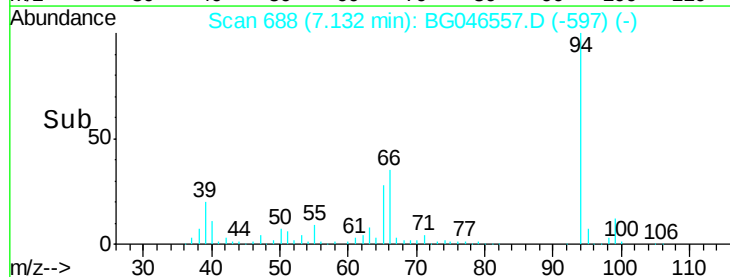
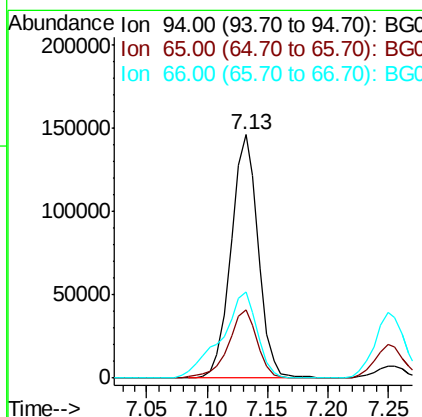
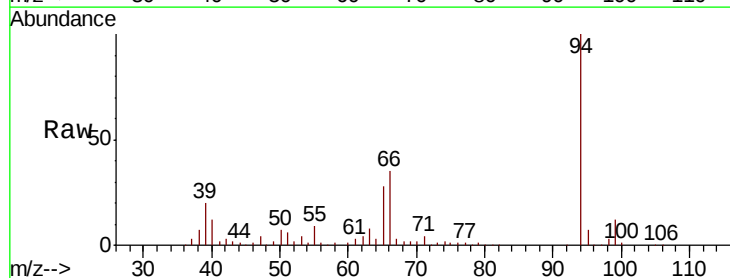
Instrument :
BNA_G
ClientSampleId :
TP-11MSD

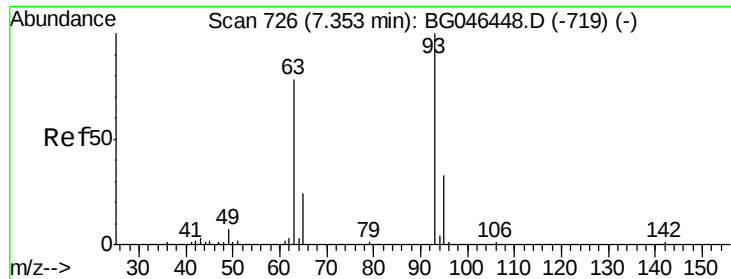
Tot Ion: 77 Resp: 100085
Ion Ratio Lower Upper
77 100
105 95.4 85.6 125.6
106 94.4 80.8 120.8



#10
Phenol
Concen: 46.486 ng
RT: 7.13 min Scan# 688
Delta R.T. 0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

Tgt Ion: 94 Resp: 228585
Ion Ratio Lower Upper
94 100
65 27.8 7.5 47.5
66 35.2 14.1 54.1



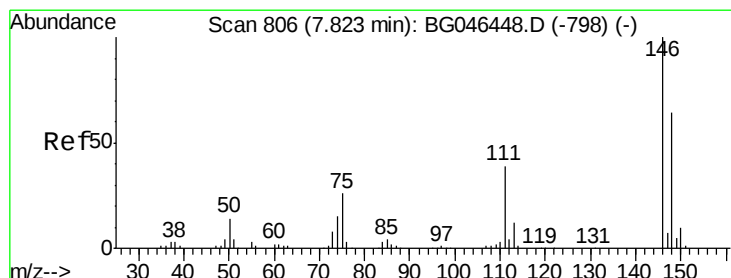
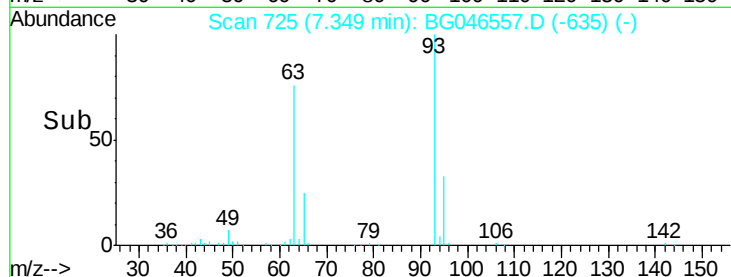
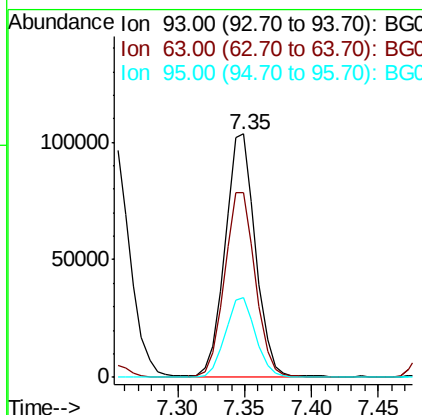
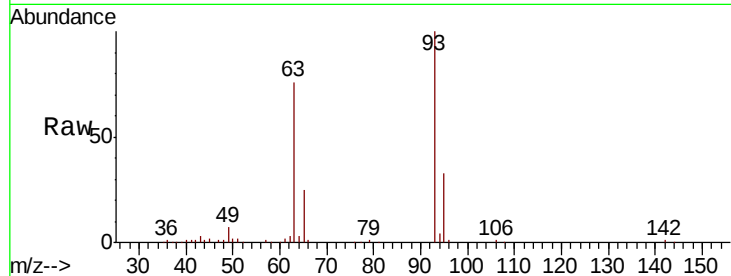


#11
 bis(2-Chloroethyl)ether
 Concen: 41.438 ng
 RT: 7.35 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-11MSD

Tot Ion: 93 Resp: 163786

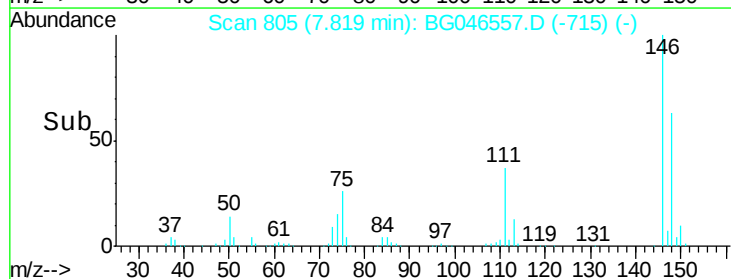
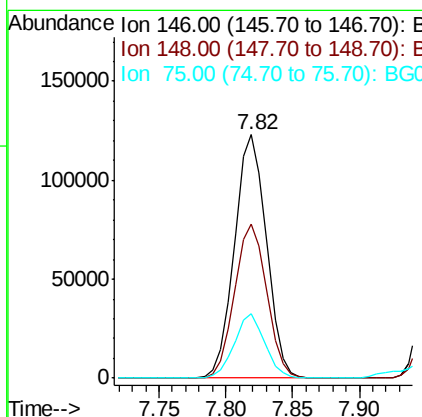
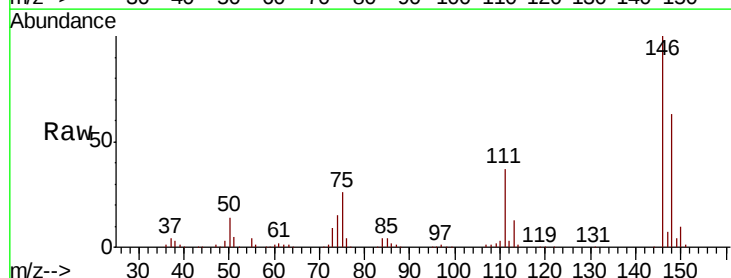
Ion	Ratio	Lower	Upper
93	100		
63	75.9	57.7	97.7
95	32.6	12.3	52.3

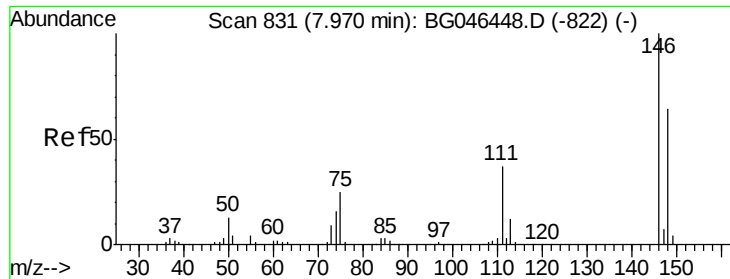


#12
 1,3-Dichlorobenzene
 Concen: 40.311 ng
 RT: 7.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

Tgt Ion: 146 Resp: 203716

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
75	26.5	20.7	31.1

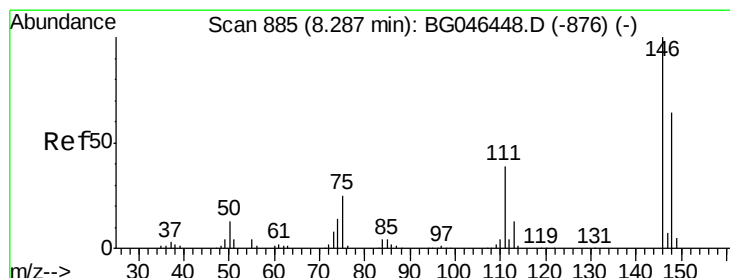
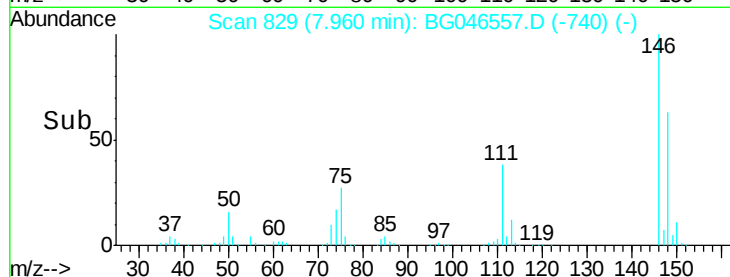
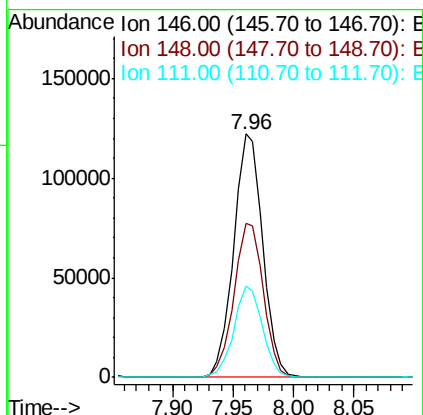
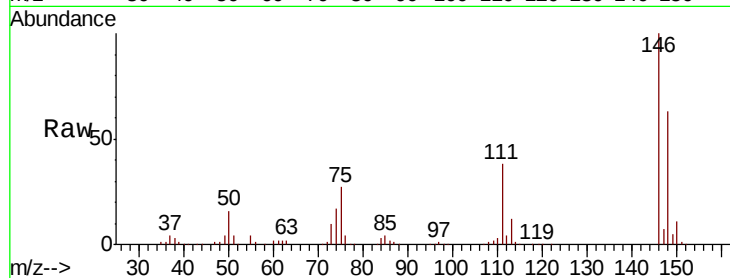




#13
 1,4-Dichlorobenzene
 Concen: 40.401 ng
 RT: 7.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

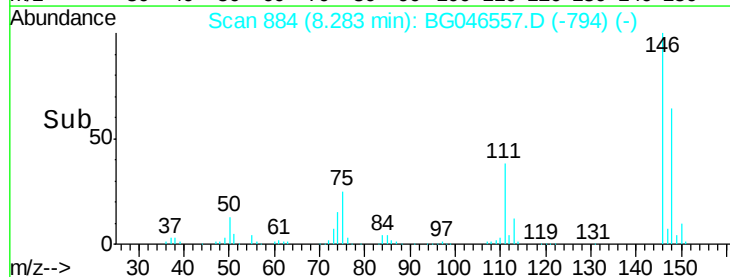
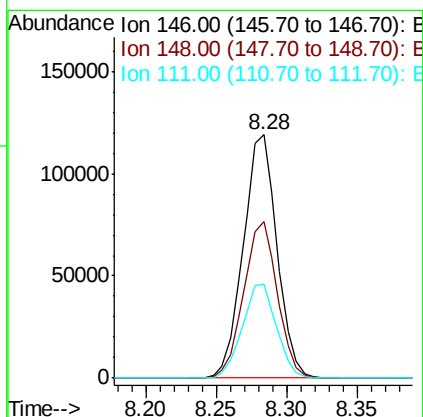
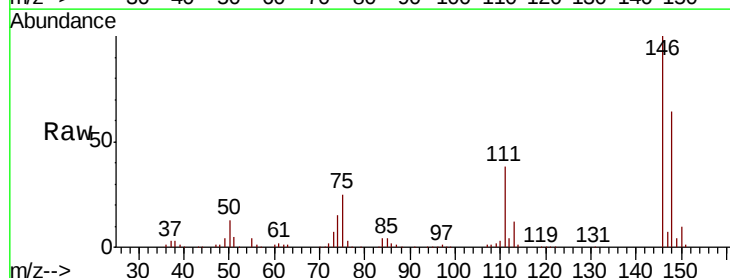
Instrument :
 BNA_G
 ClientSampleId :
 TP-11MSD

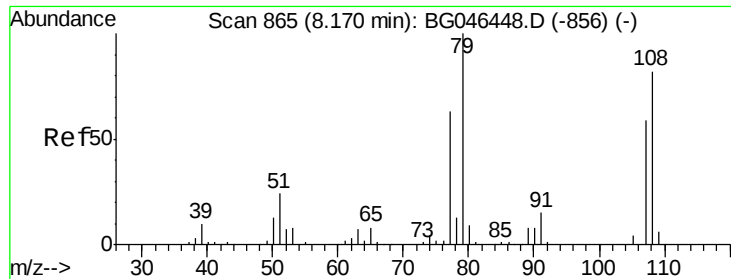
Tot Ion:146 Resp: 204403
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.9 76.3
 111 37.6 29.8 44.6



#14
 1,2-Dichlorobenzene
 Concen: 41.083 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

Tgt Ion:146 Resp: 199299
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.0
 111 38.4 31.4 47.2

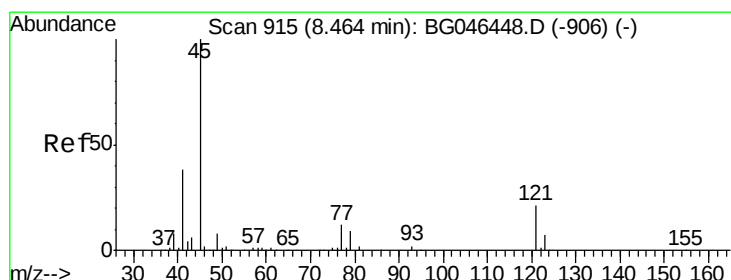
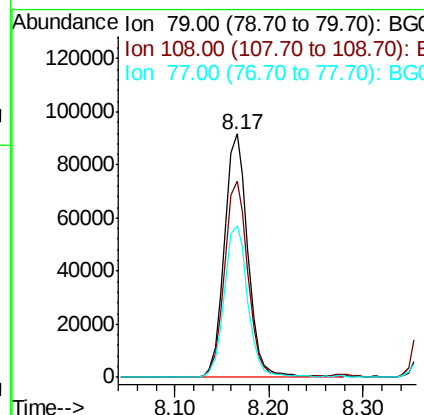
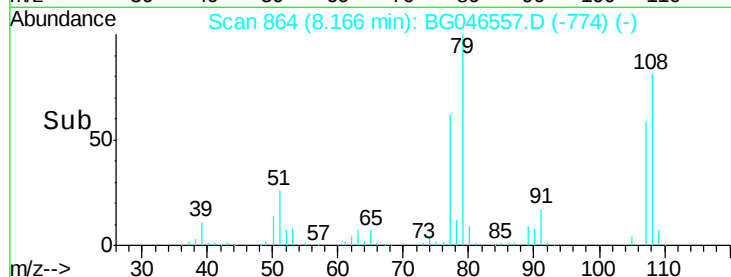
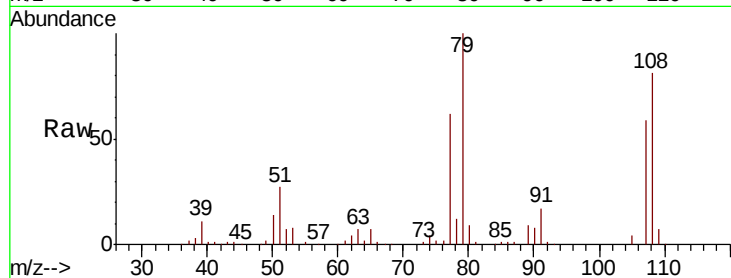




#15
Benzyl Alcohol
Concen: 46.812 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

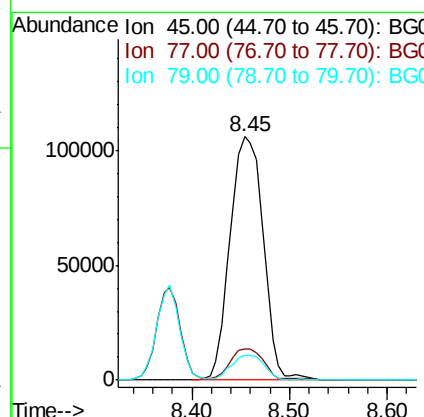
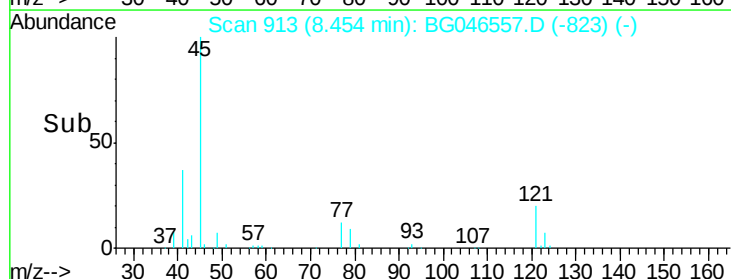
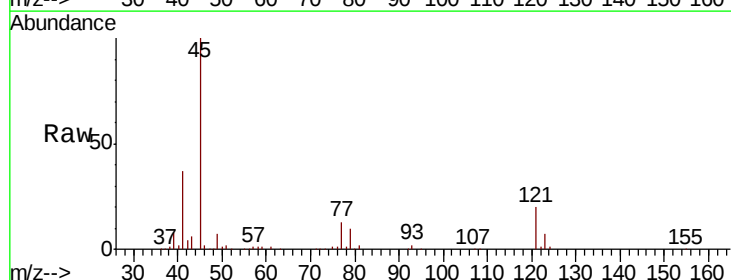
Instrument :
BNA_G
ClientSampleId :
TP-11MSD

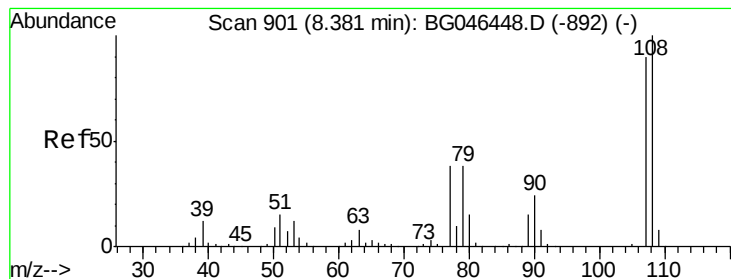
Tot Ion: 79 Resp: 160453
Ion Ratio Lower Upper
79 100
108 80.7 65.7 98.5
77 62.3 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.888 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

Tgt Ion: 45 Resp: 250678
Ion Ratio Lower Upper
45 100
77 12.8 0.0 33.2
79 10.2 0.0 30.3

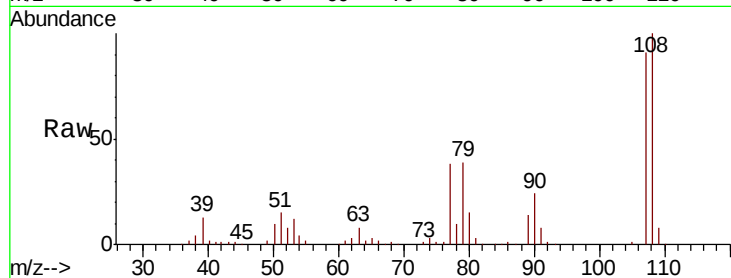




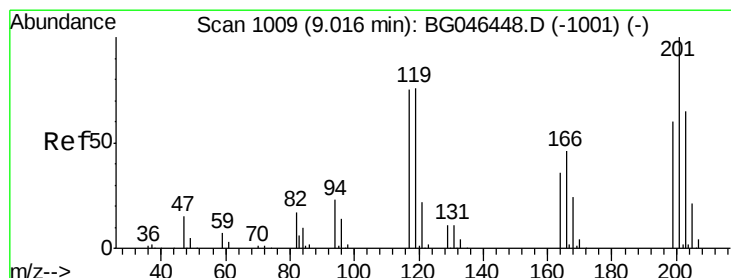
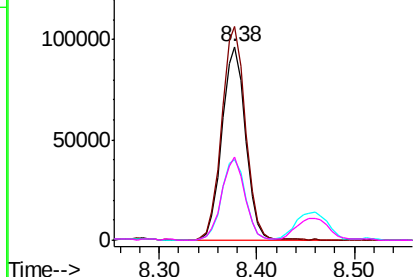
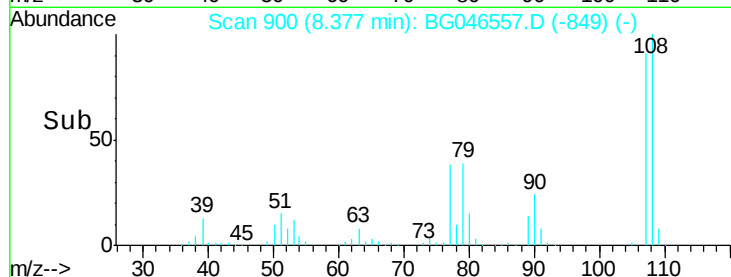
#17
2-Methylphenol
Concen: 46.567 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

Instrument :
BNA_G
ClientSampleId :
TP-11MSD

Tot Ion:107 Resp: 162394
Ion Ratio Lower Upper
107 100
108 110.5 89.4 134.0
77 41.9 34.5 51.7
79 42.9 33.8 50.6

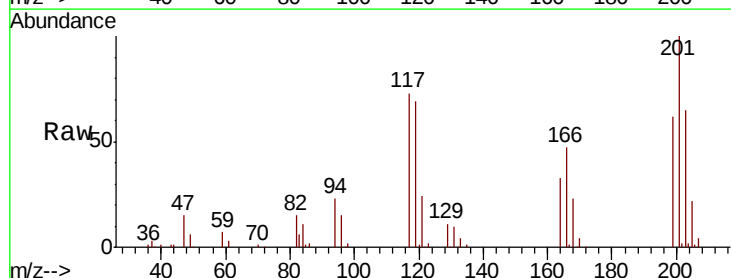


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

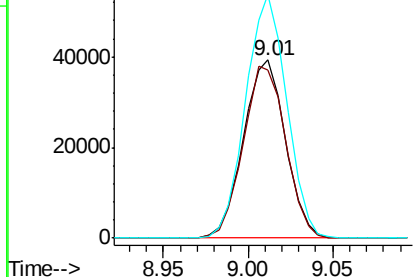
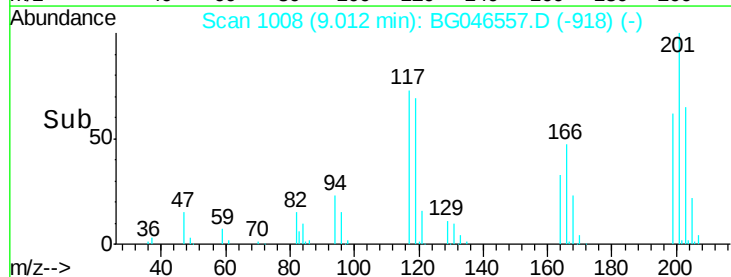


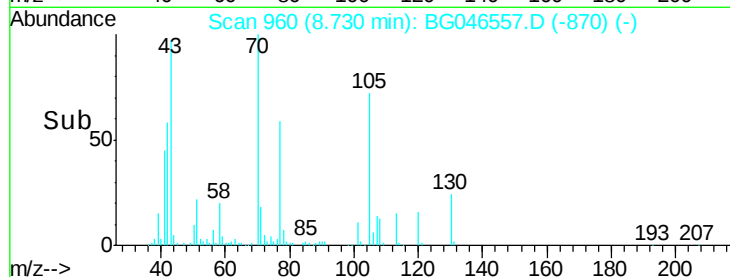
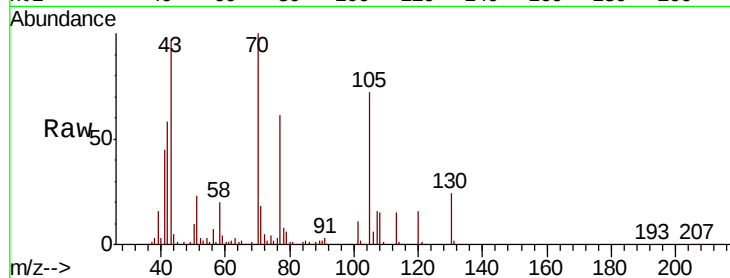
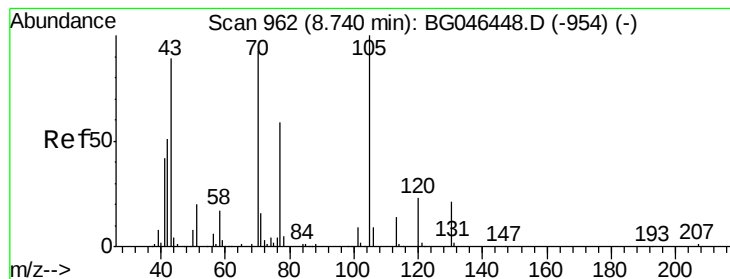
#18
Hexachloroethane
Concen: 39.511 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

Tgt Ion:117 Resp: 67777
Ion Ratio Lower Upper
117 100
119 94.6 80.8 121.2
201 136.7 106.7 160.1



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: 42.443 ng

RT: 8.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Instrument :

BNA_G

ClientSampleId :

TP-11MSD

Tot Ion: 70 Resp: 135539

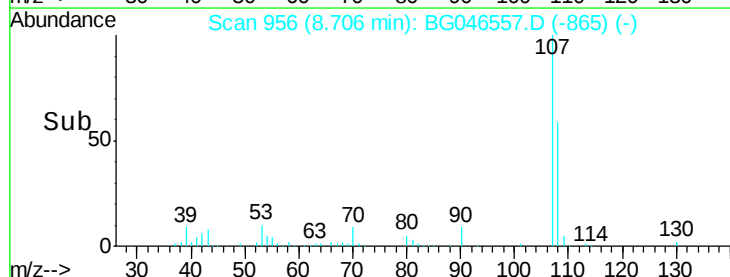
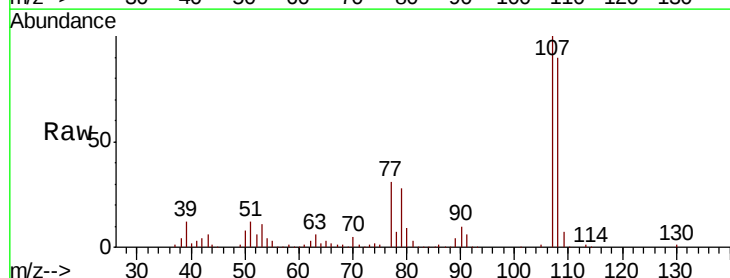
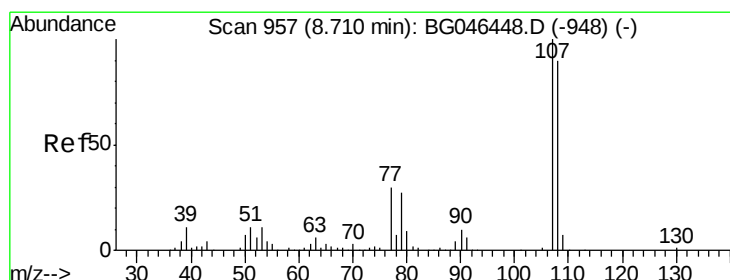
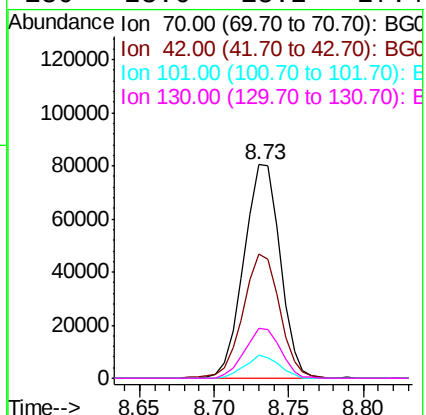
Ion Ratio Lower Upper

70 100

42 58.3 44.2 66.2

101 10.7 7.8 11.8

130 23.6 18.2 27.4



#20

3+4-Methylphenols

Concen: 46.787 ng

RT: 8.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Tgt Ion:107 Resp: 225206

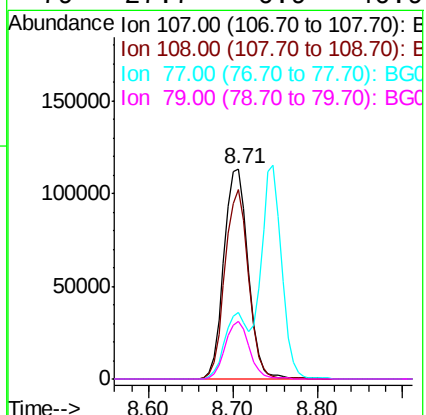
Ion Ratio Lower Upper

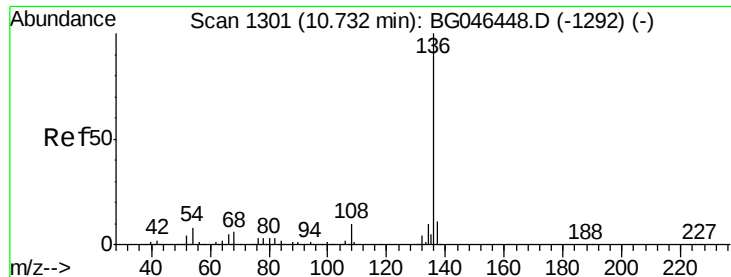
107 100

108 90.1 69.7 109.7

77 31.4 9.7 49.7

79 27.7 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Instrument :

BNA_G

ClientSampleId :

TP-11MSD

Tot Ion:136 Resp: 272852

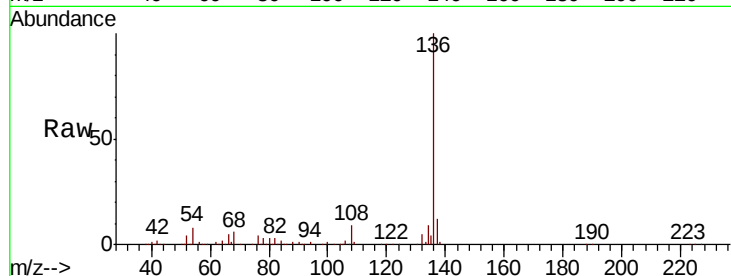
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 8.3 6.1 9.1

68 5.7 4.8 7.2

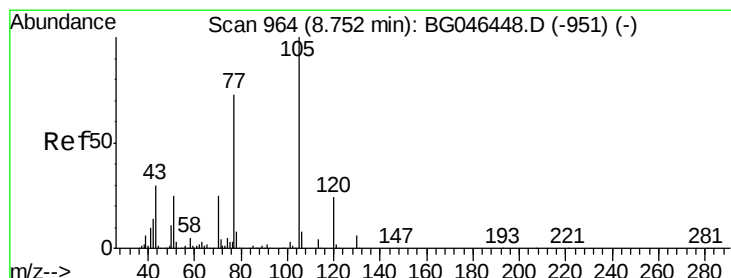
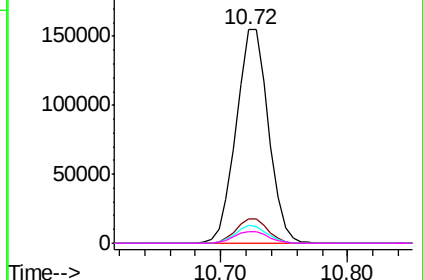
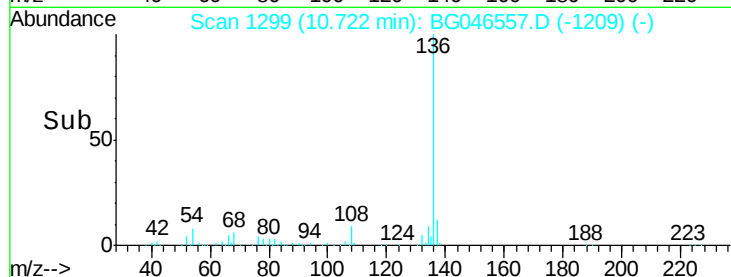


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 39.413 ng

RT: 8.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Tgt Ion:105 Resp: 261773

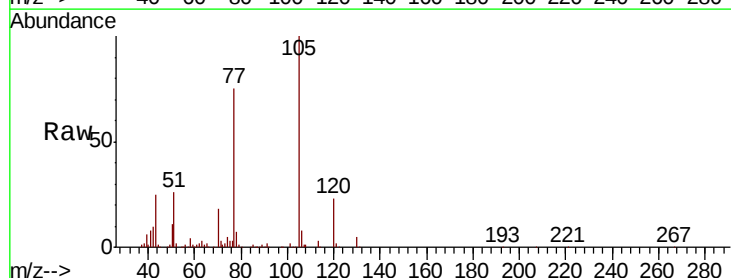
Ion Ratio Lower Upper

105 100

71 3.1 3.3 4.9#

51 25.9 20.6 31.0

120 23.2 19.0 28.6

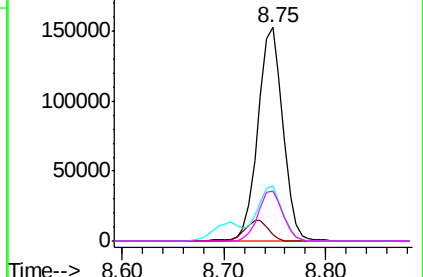
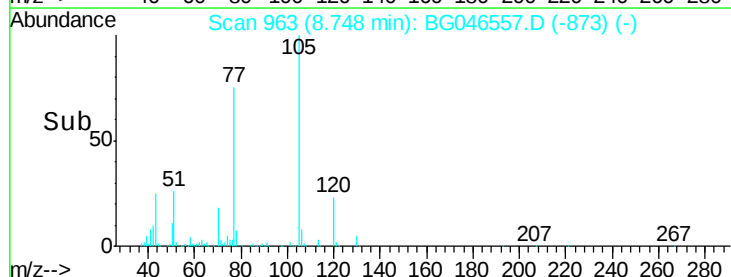


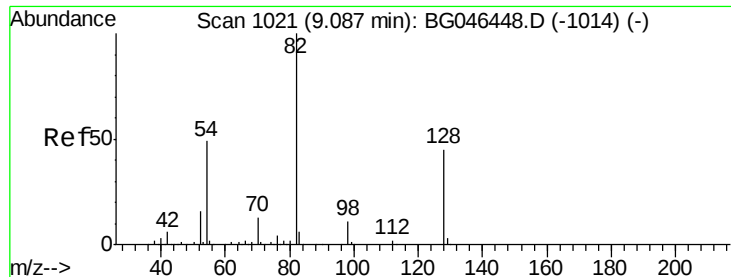
Abundance Ion 105.00 (104.70 to 105.70): E

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

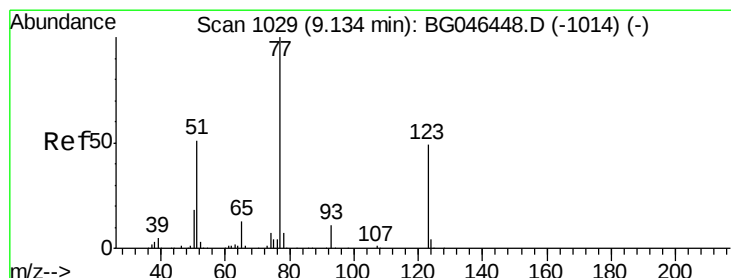
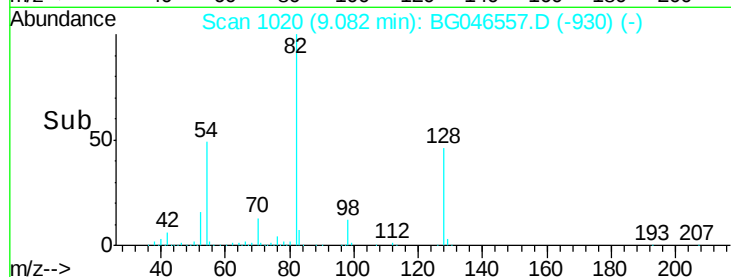
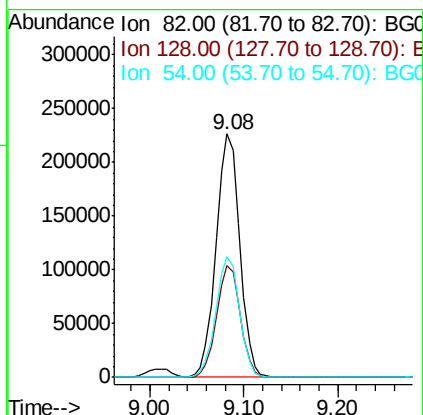
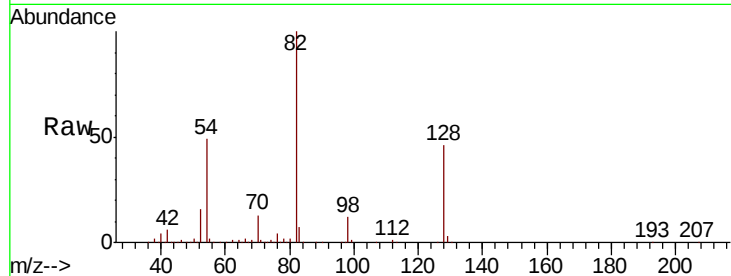




#23
Nitrobenzene-d5
Concen: 84.057 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

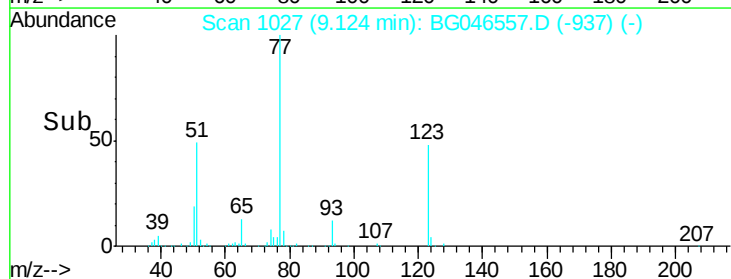
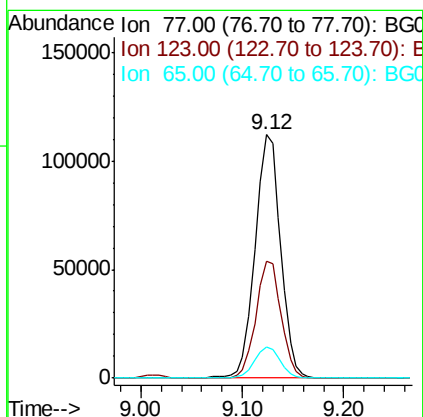
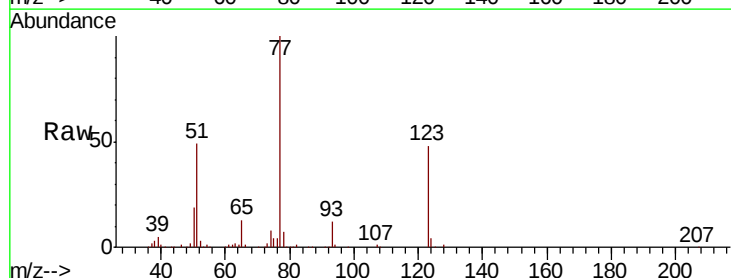
Instrument :
BNA_G
ClientSampleId :
TP-11MSD

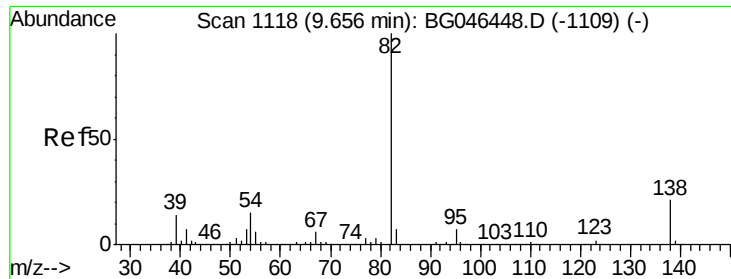
Tot Ion	82	Resp	401280
Ion Ratio	Lower	Upper	
82	100		
128	46.1	35.7	53.5
54	49.4	39.4	59.0



#24
Nitrobenzene
Concen: 41.553 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

Tgt Ion	77	Resp	195978
Ion Ratio	Lower	Upper	
77	100		
123	48.0	39.6	59.4
65	13.0	10.1	15.1





#25

Isophorone

Concen: 43.596 ng

RT: 9.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Instrument :

BNA_G

ClientSampled :

TP-11MSD

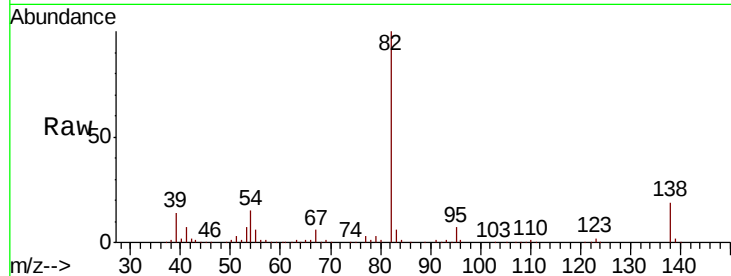
Tot Ion: 82 Resp: 381563

Ion Ratio Lower Upper

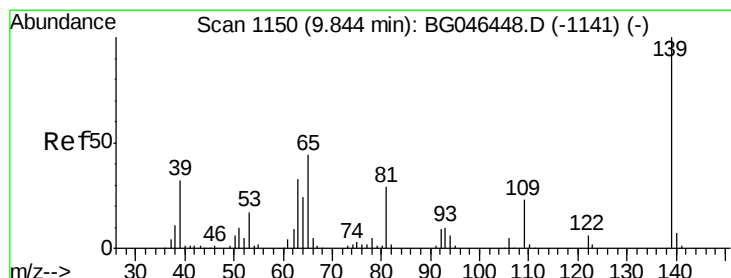
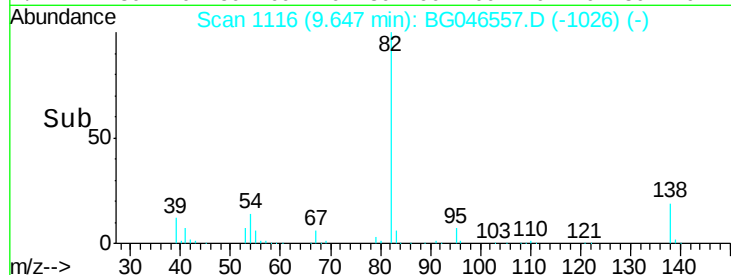
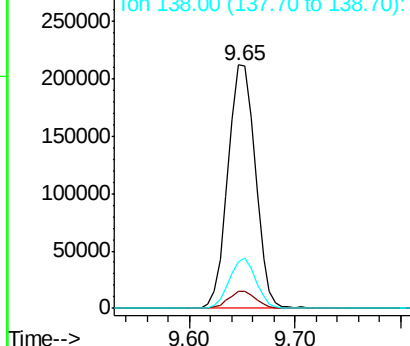
82 100

95 6.9 5.8 8.6

138 18.9 16.4 24.6



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



#26

2-Nitrophenol

Concen: 44.142 ng

RT: 9.83 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

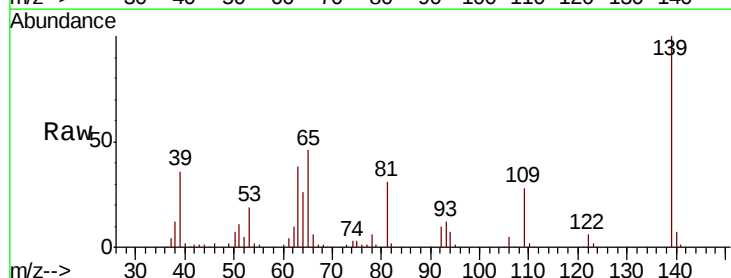
Tgt Ion: 139 Resp: 109842

Ion Ratio Lower Upper

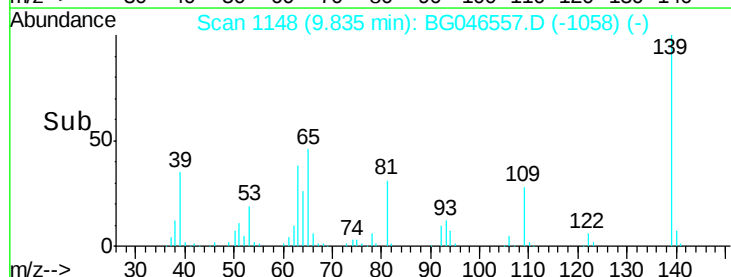
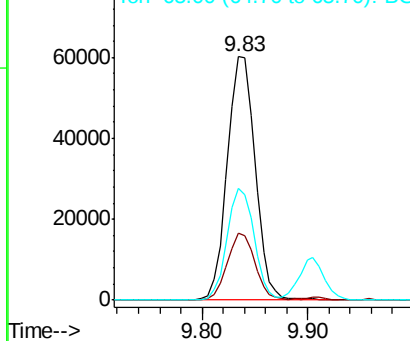
139 100

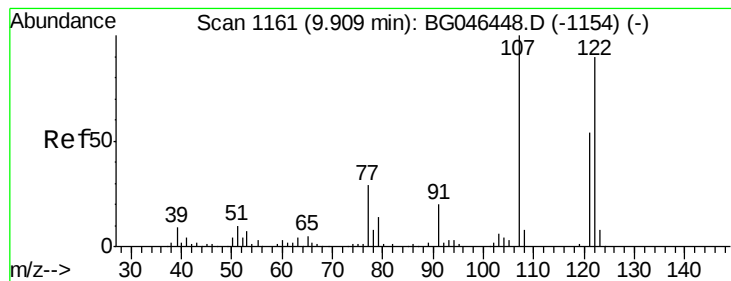
109 27.8 18.8 28.2

65 45.9 35.0 52.6



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





#27

2,4-Dimethylphenol

Concen: 53.080 ng

RT: 9.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Instrument :

BNA_G

ClientSampleId :

TP-11MSD

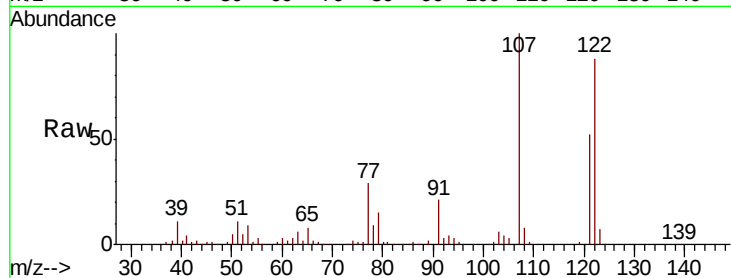
Tot Ion:122 Resp: 181665

Ion Ratio Lower Upper

122 100

107 113.2 88.2 132.2

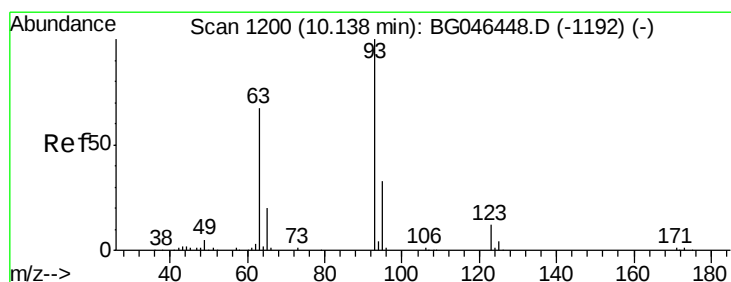
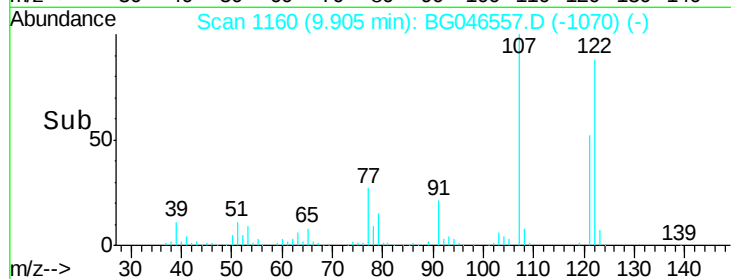
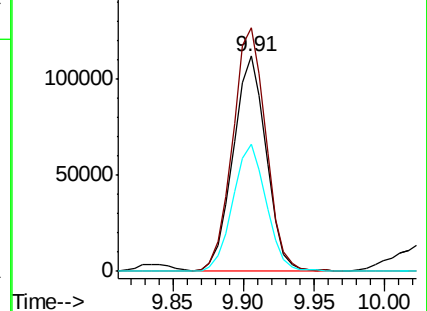
121 59.1 47.4 71.0



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: 40.983 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

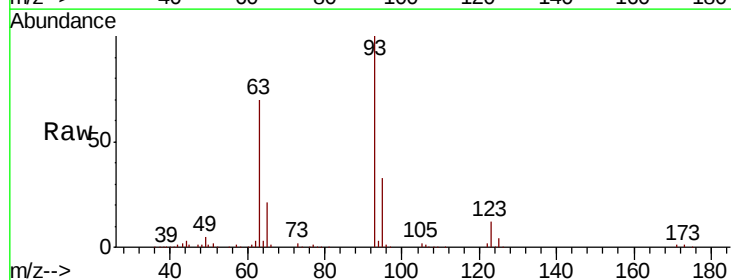
Tgt Ion: 93 Resp: 230872

Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

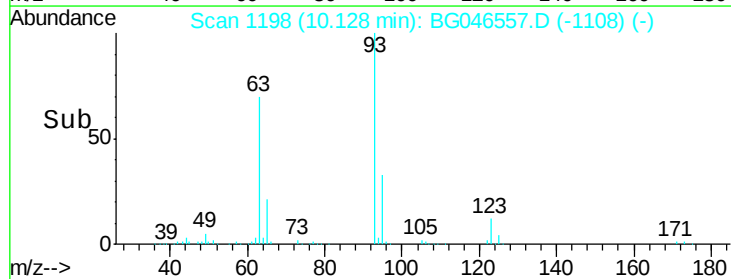
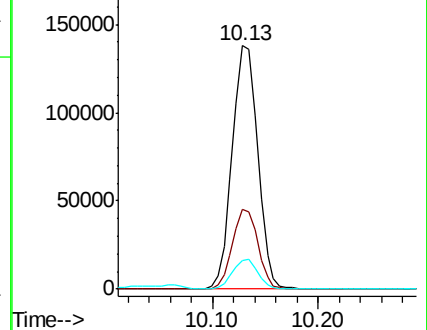
123 11.8 9.5 14.3

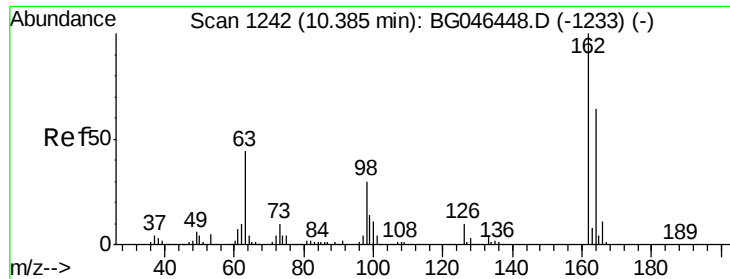


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

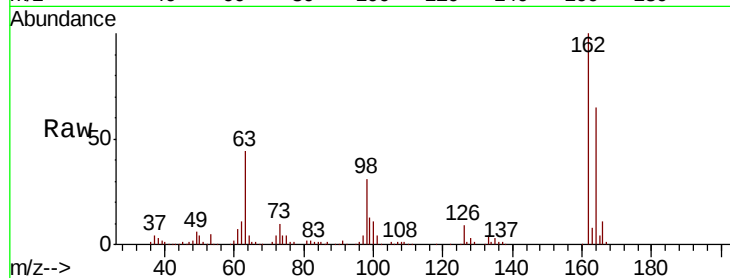




#29
 2,4-Dichlorophenol
 Concen: 45.737 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-11MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.3	84.3
98	30.6	10.0	50.0

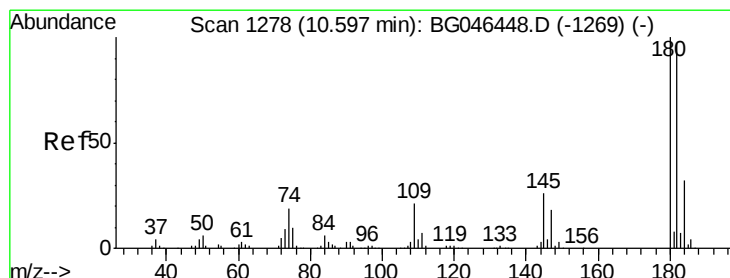
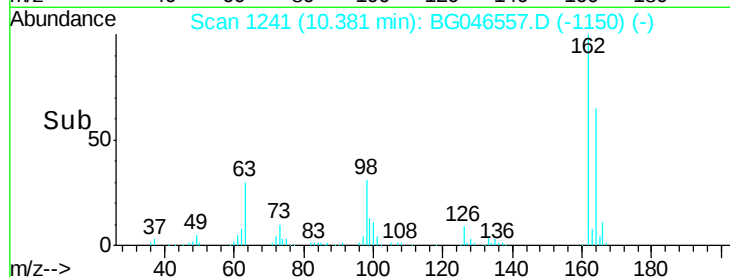
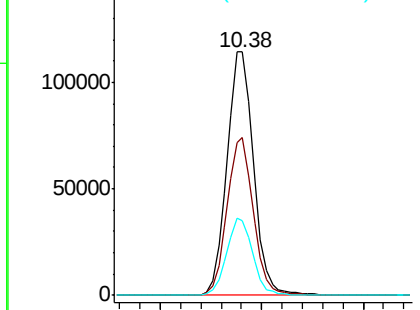


Abundance

Ion 162.00 (161.70 to 162.70): E

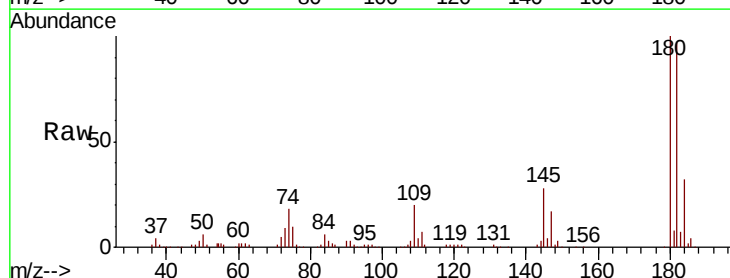
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 39.423 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.8	116.8
145	28.0	20.9	31.3

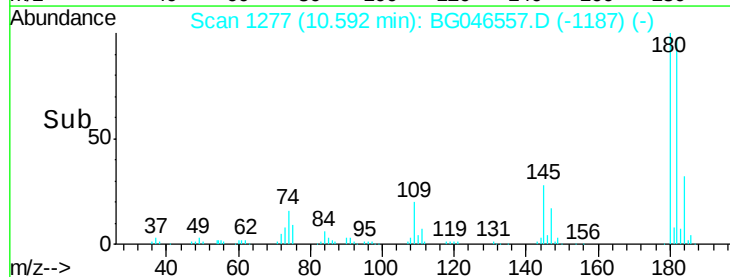
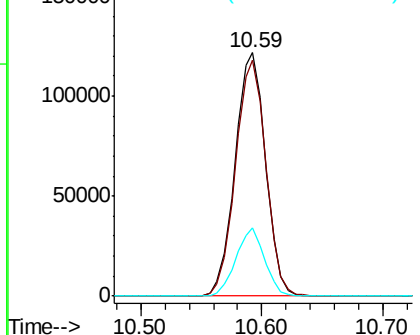


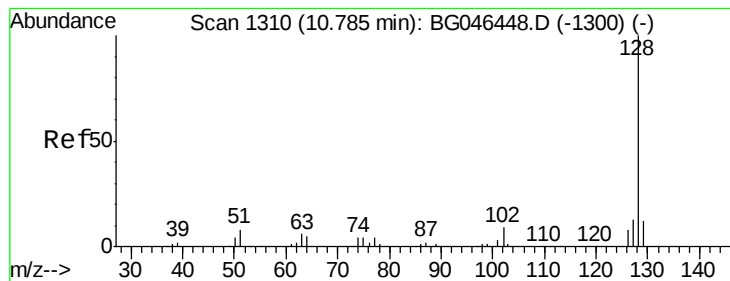
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.549 ng

RT: 10.77 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Instrument :

BNA_G

ClientSampleId :

TP-11MSD

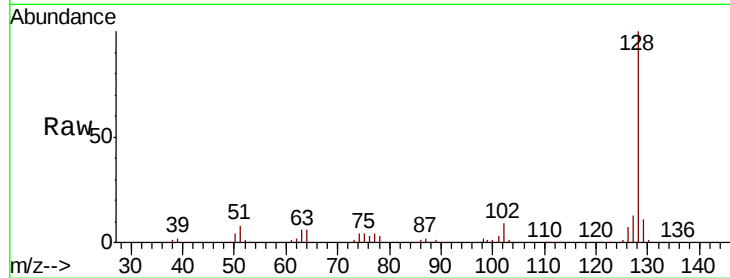
Tot Ion:128 Resp: 553533

Ion Ratio Lower Upper

128 100

129 11.0 9.2 13.8

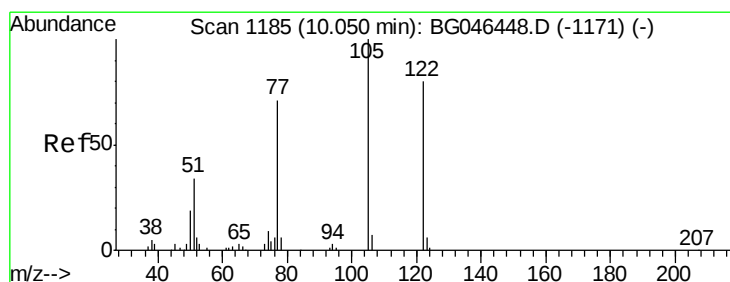
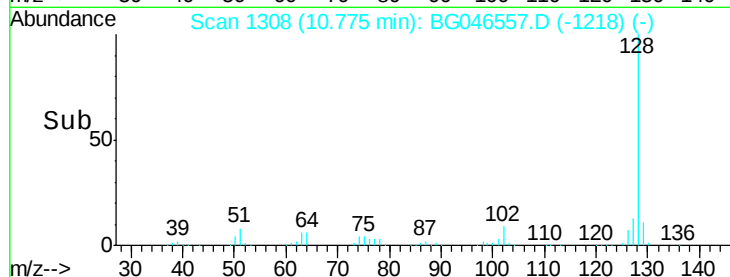
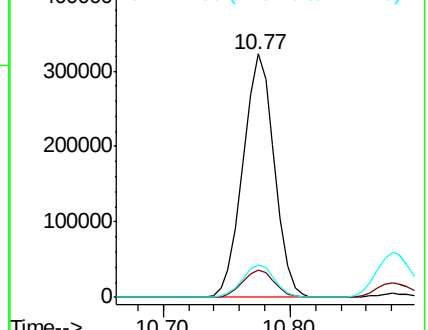
127 13.3 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.750 ng

RT: 10.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

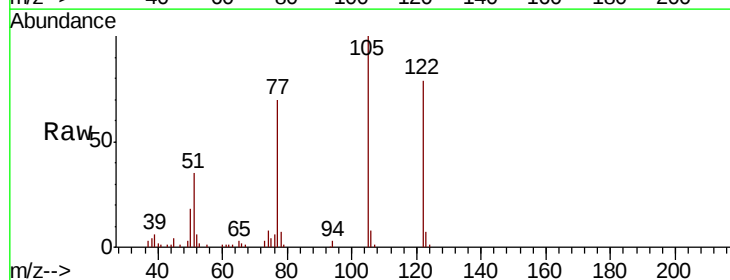
Tgt Ion:122 Resp: 91366

Ion Ratio Lower Upper

122 100

105 126.3 102.5 142.5

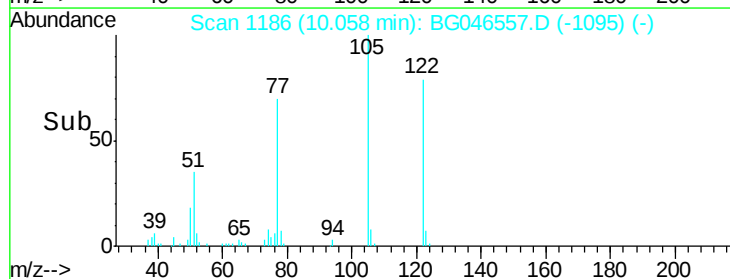
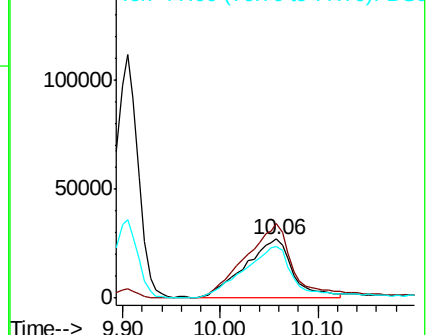
77 88.3 68.2 108.2

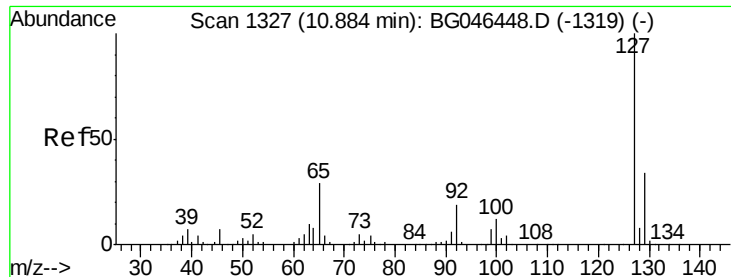


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

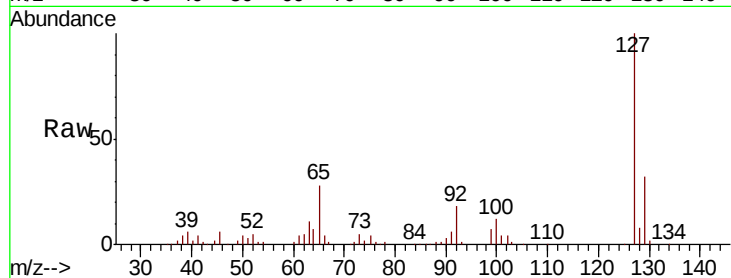




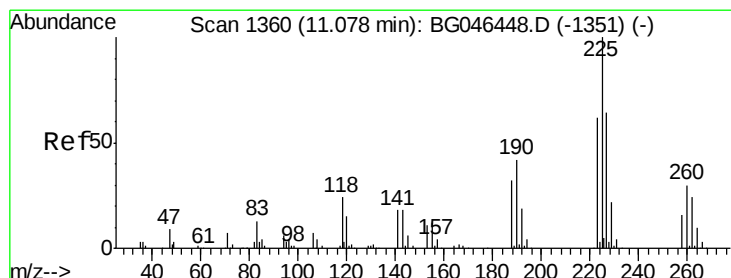
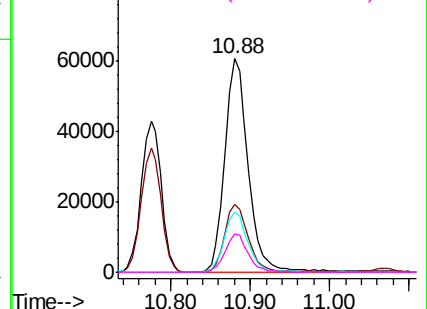
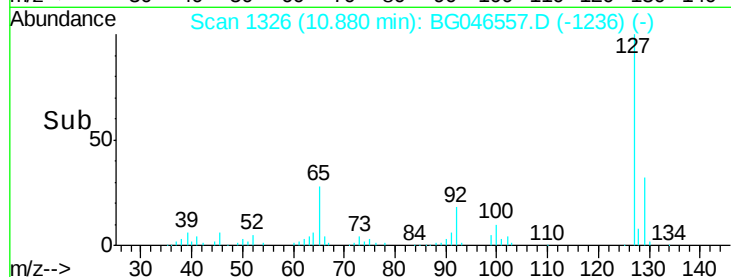
#33
4-Chloroaniline
Concen: 21.058 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

Instrument :
BNA_G
ClientSampleId :
TP-11MSD

Tot Ion:	127	Resp:	123708
Ion	Ratio	Lower	Upper
127	100		
129	31.6	27.0	40.4
65	28.3	23.5	35.3
92	18.0	14.9	22.3

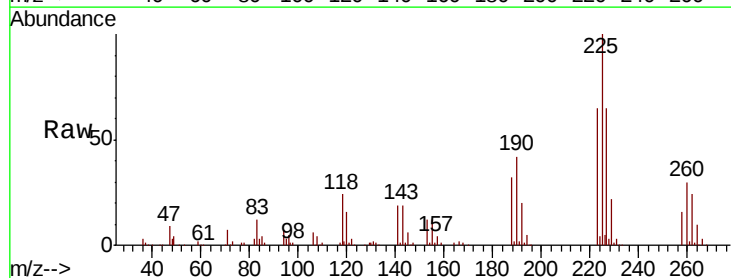


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

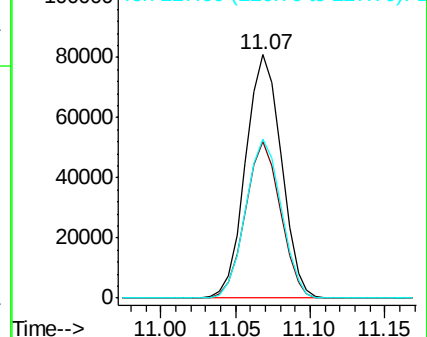
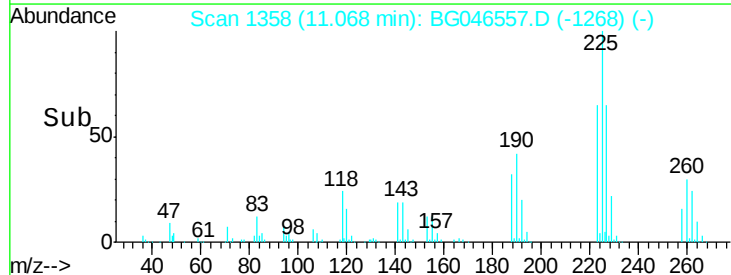


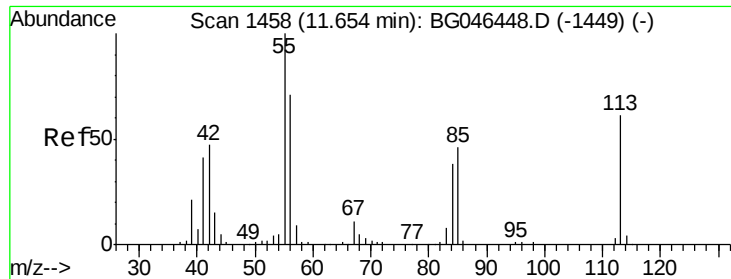
#34
Hexachlorobutadiene
Concen: 38.241 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

Tgt Ion:	225	Resp:	134382
Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.9	74.9
227	65.4	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: 28.197 ng

RT: 11.66 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Instrument :

BNA_G

ClientSampleId :

TP-11MSD

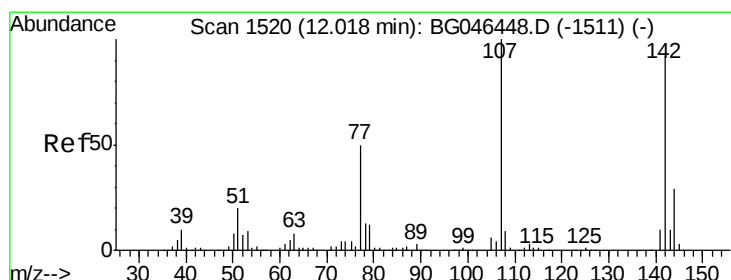
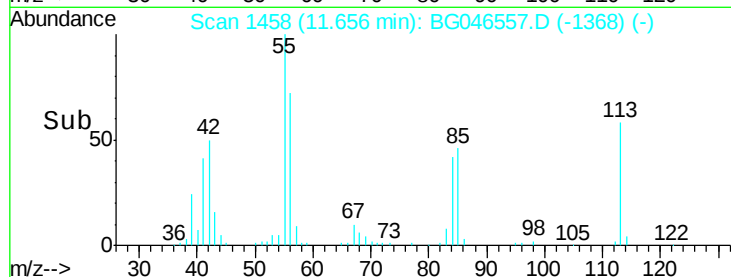
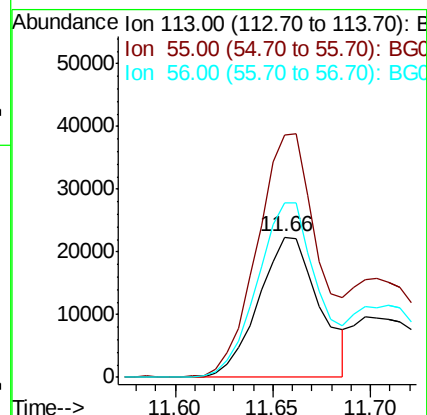
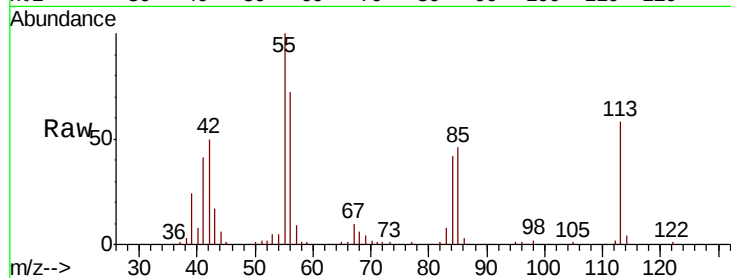
Tot Ion:113 Resp: 48089

Ion Ratio Lower Upper

113 100

55 172.2 144.2 184.2

56 123.9 97.0 137.0



#36

4-Chloro-3-methylphenol

Concen: 48.123 ng

RT: 12.02 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

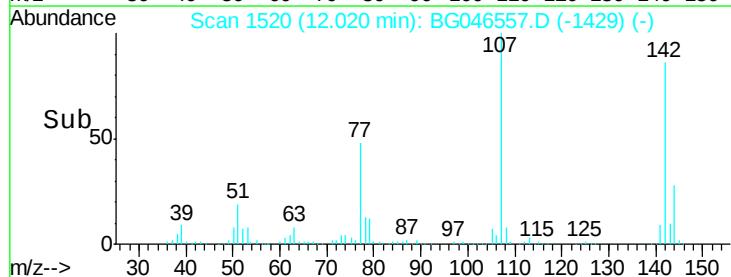
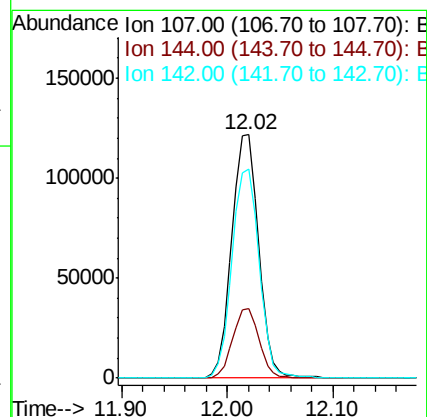
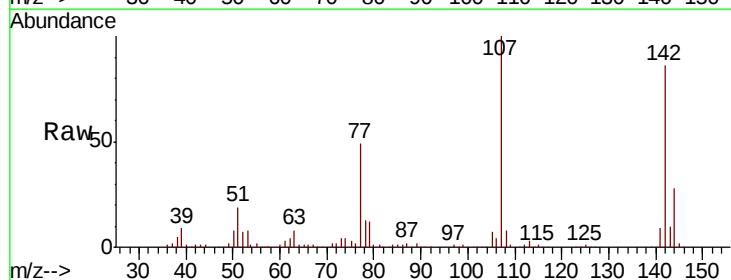
Tgt Ion:107 Resp: 214743

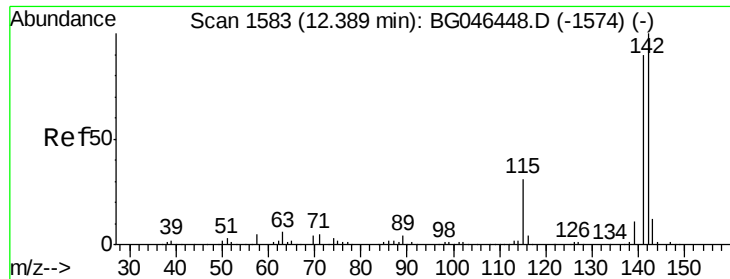
Ion Ratio Lower Upper

107 100

144 28.5 23.3 34.9

142 86.1 73.7 110.5

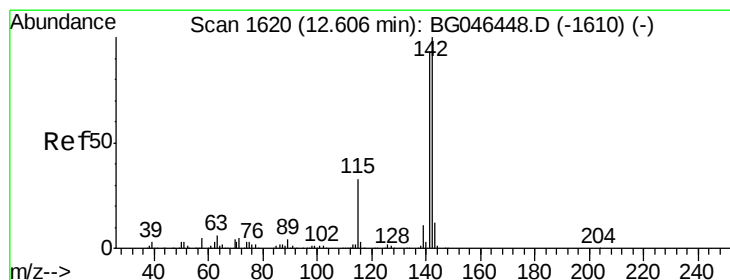
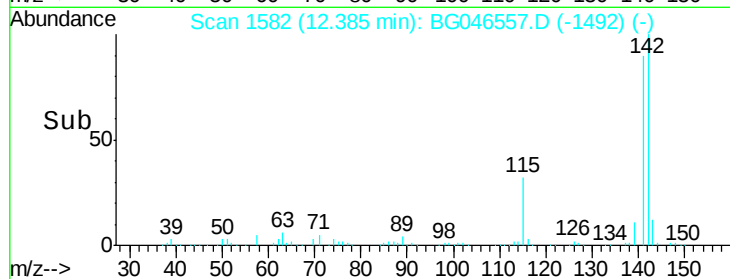
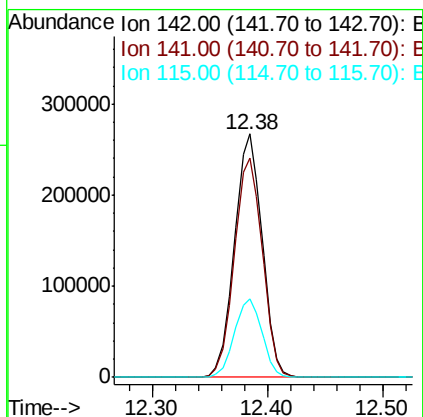
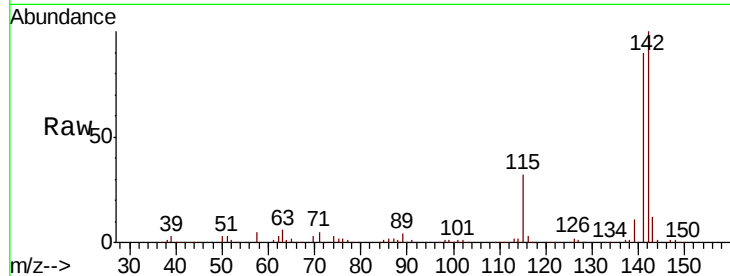




#37
2-Methylnaphthalene
Concen: 42.093 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

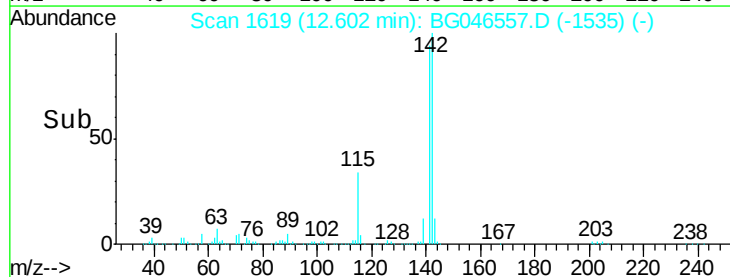
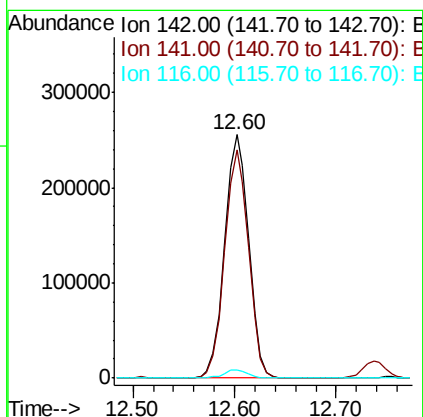
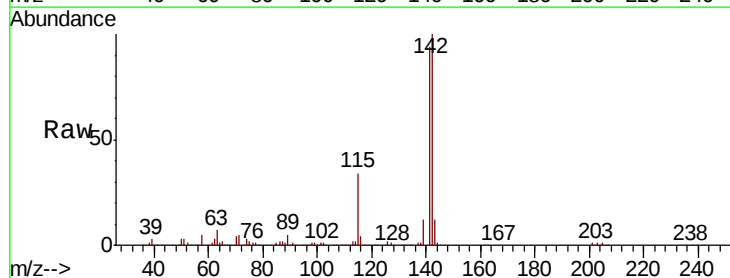
Instrument :
BNA_G
ClientSampleId :
TP-11MSD

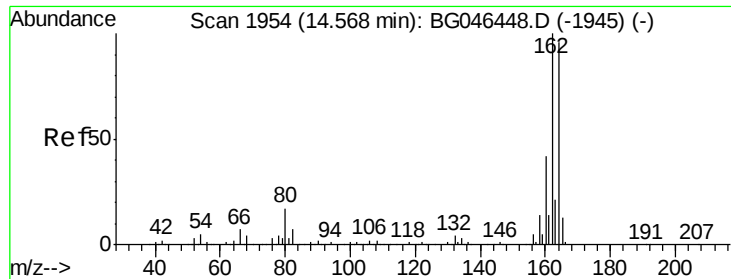
Tot Ion:142 Resp: 442270
Ion Ratio Lower Upper
142 100
141 90.1 72.1 108.1
115 32.1 24.9 37.3



#38
1-Methylnaphthalene
Concen: 42.148 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

Tgt Ion:142 Resp: 419482
Ion Ratio Lower Upper
142 100
141 93.5 74.7 112.1
116 3.6 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: BG046557.D

Acq: 8 Sep 2020 14:34

Instrument :

BNA_G

ClientSampleId :

TP-11MSD

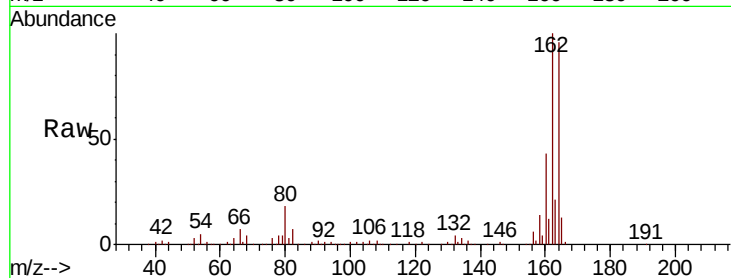
Tot Ion:164 Resp: 202308

Ion Ratio Lower Upper

164 100

162 104.2 83.3 124.9

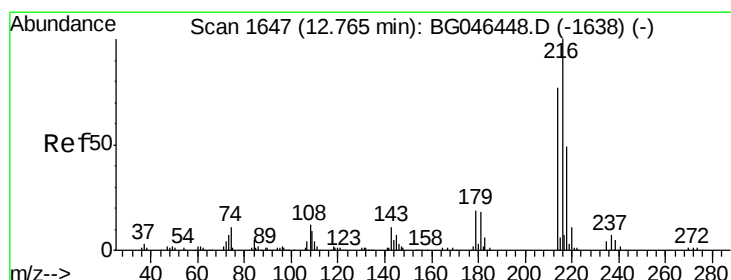
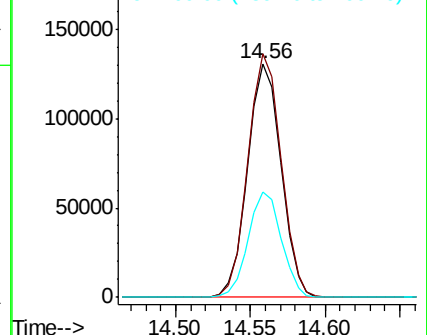
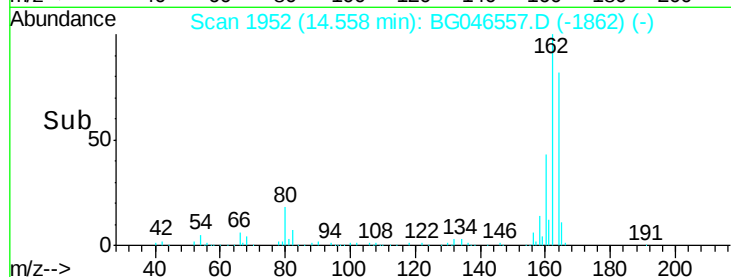
160 44.9 35.0 52.6



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: 40.073 ng

RT: 12.75 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Tgt Ion:216 Resp: 267344

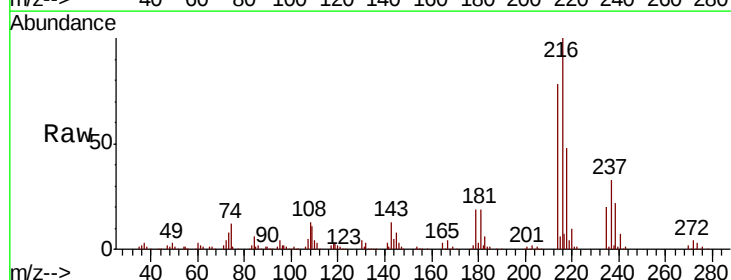
Ion Ratio Lower Upper

216 100

214 77.6 62.1 93.1

179 18.4 14.9 22.3

108 14.7 10.5 15.7

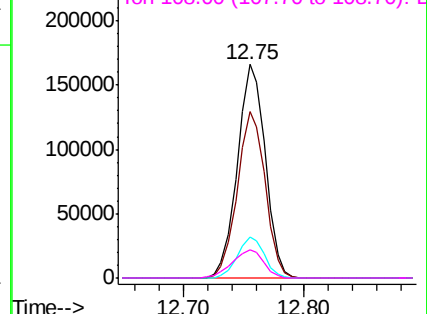
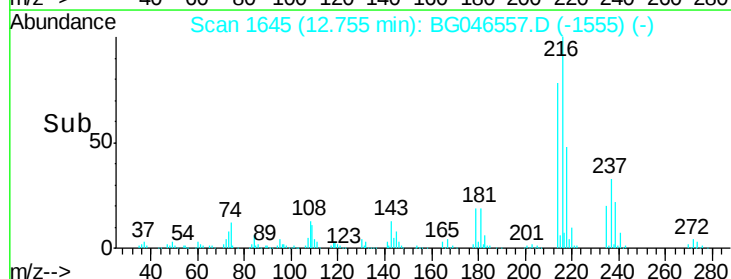


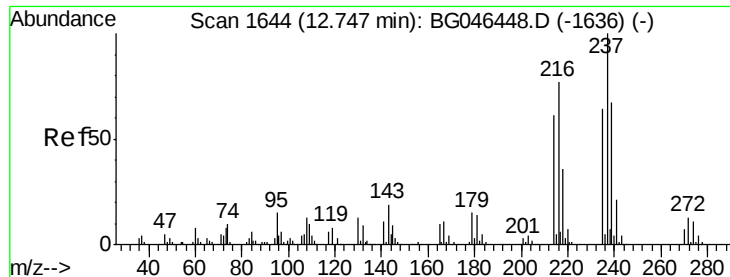
Abundance Ion 216.00 (215.70 to 216.70): E

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: 95.930 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Instrument :

BNA_G

ClientSampleId :

TP-11MSD

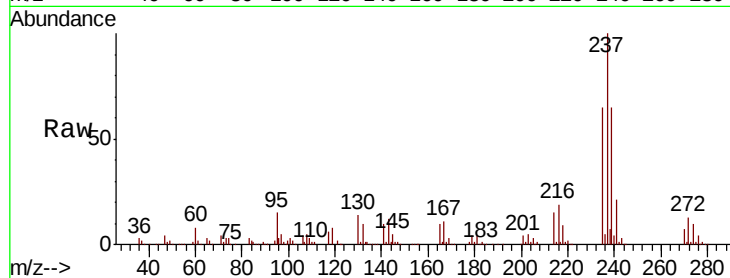
Tot Ion:237 Resp: 278279

Ion Ratio Lower Upper

237 100

235 64.7 44.5 84.5

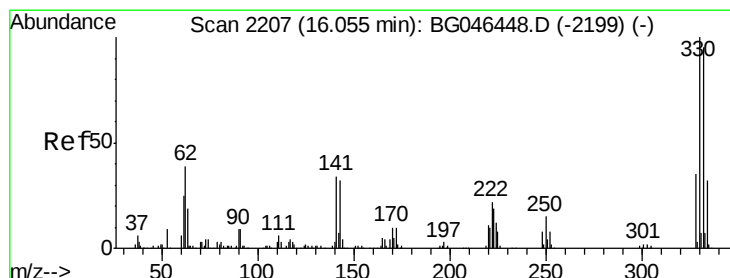
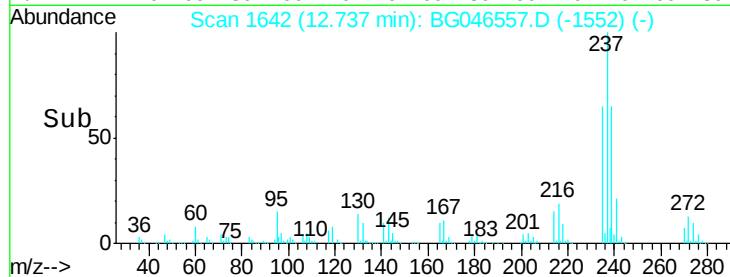
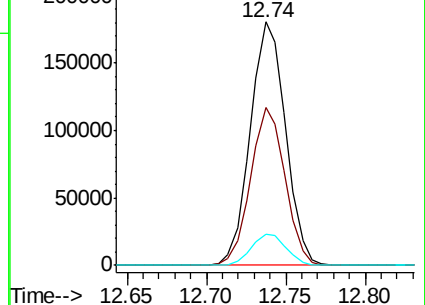
272 12.8 0.0 32.8



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: 117.423 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

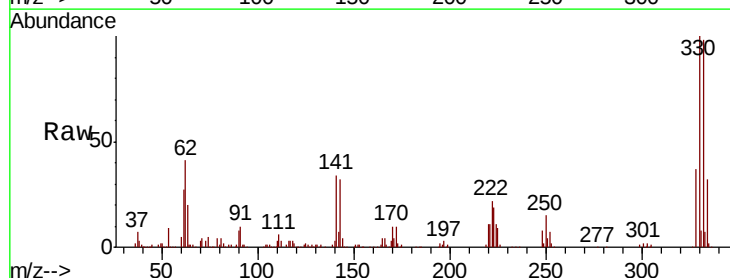
Tgt Ion:330 Resp: 321871

Ion Ratio Lower Upper

330 100

332 97.1 76.1 114.1

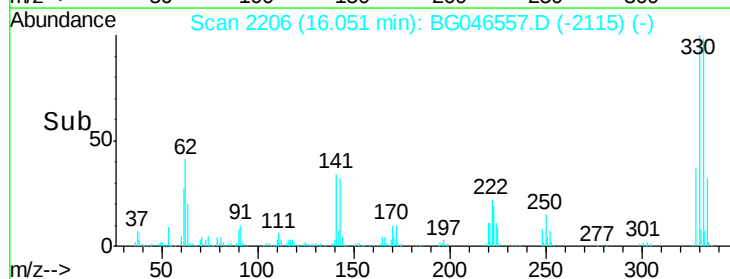
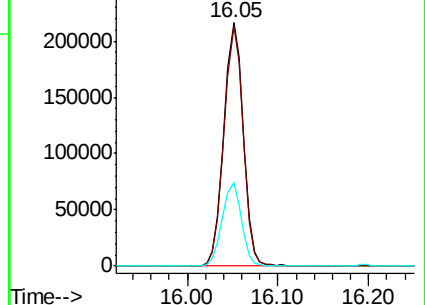
141 34.0 26.1 39.1

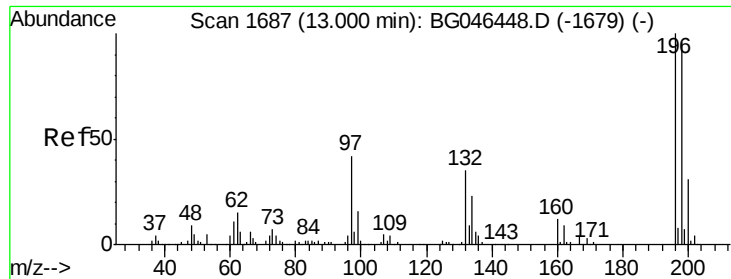


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

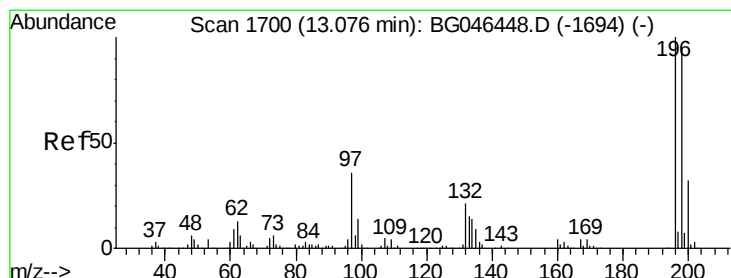
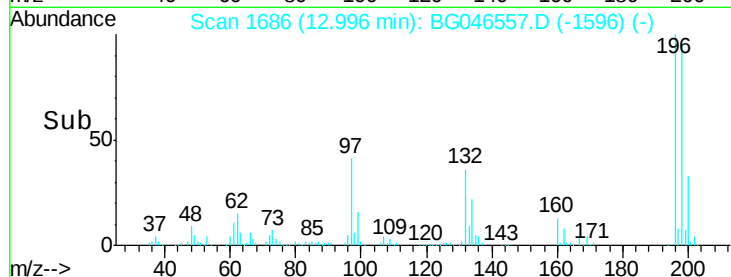
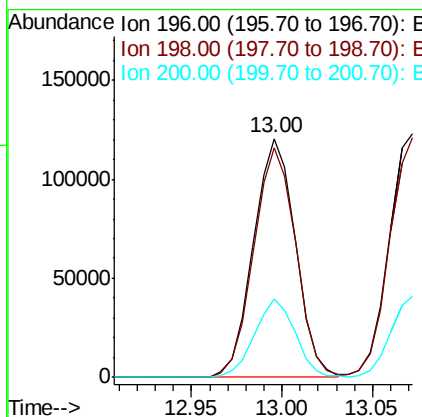
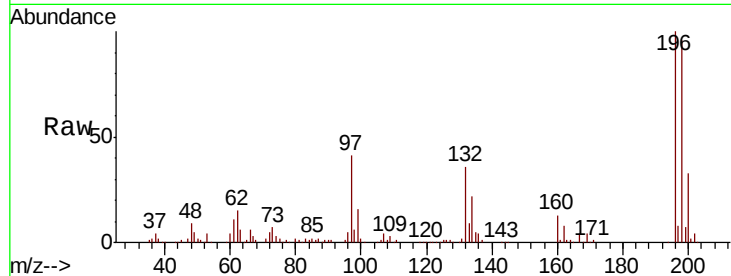




#43
 2,4,6-Trichlorophenol
 Concen: 43.008 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

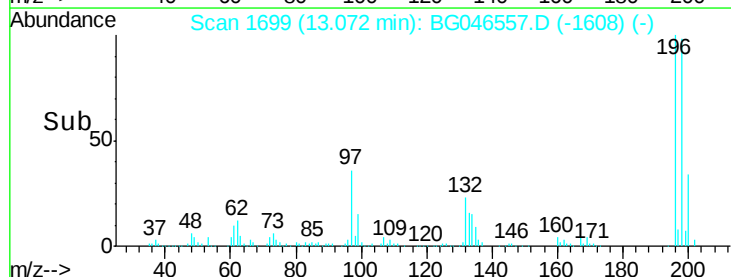
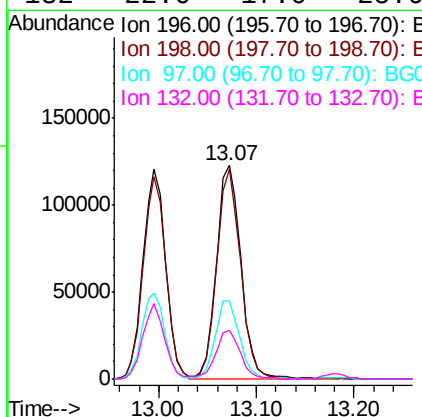
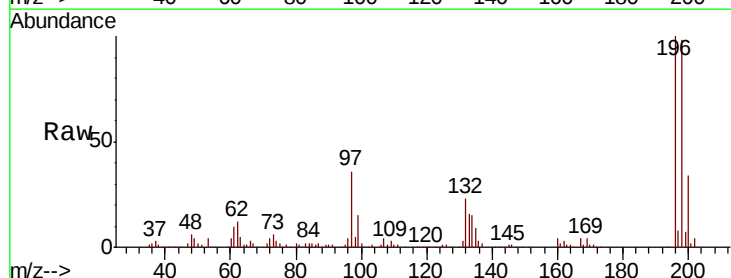
Instrument :
 BNA_G
 ClientSampleId :
 TP-11MSD

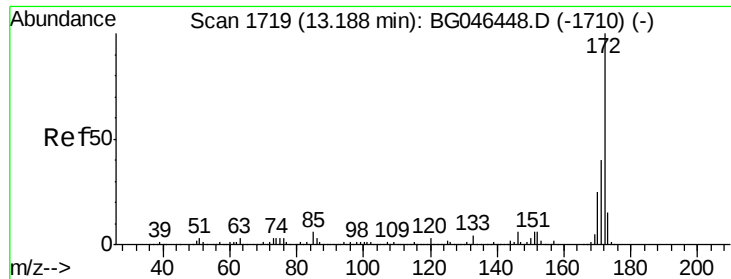
Tot Ion:196 Resp: 193626
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.0 115.6
 200 32.7 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 44.984 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

Tgt Ion:196 Resp: 212783
 Ion Ratio Lower Upper
 196 100
 198 98.3 75.6 113.4
 97 36.4 28.6 43.0
 132 22.6 17.0 25.6

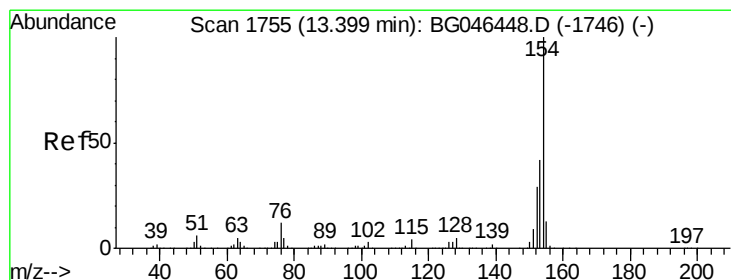
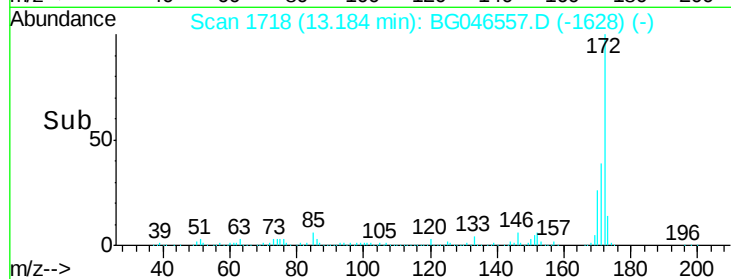
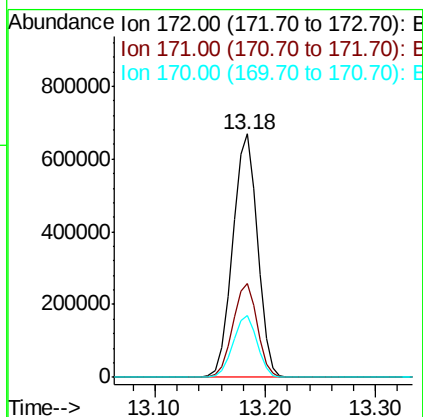
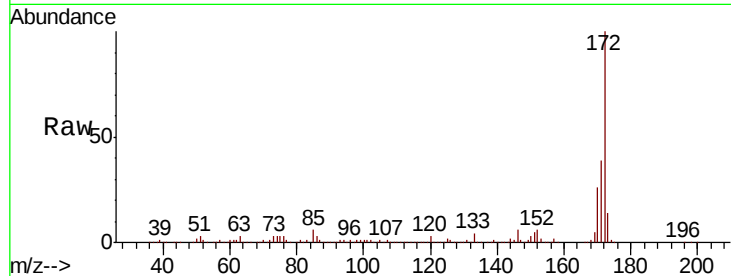




#45
2-Fluorobiphenyl
Concen: 79.473 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

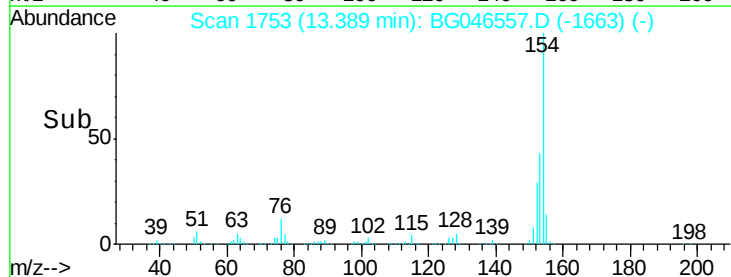
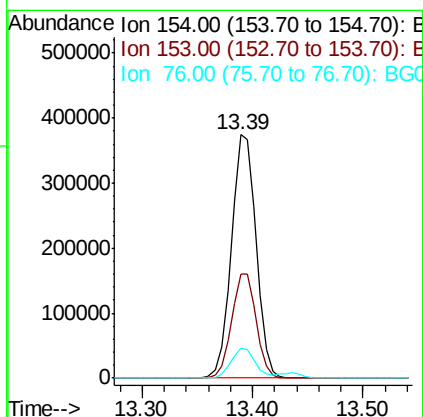
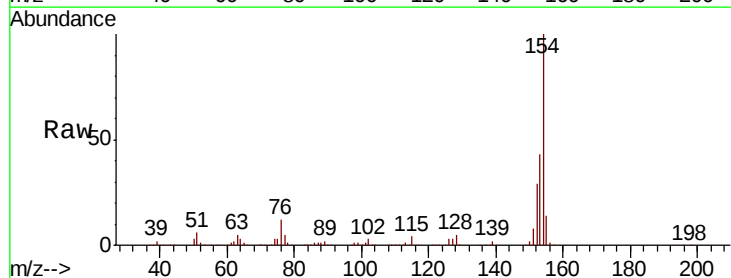
Instrument :
BNA_G
ClientSampleId :
TP-11MSD

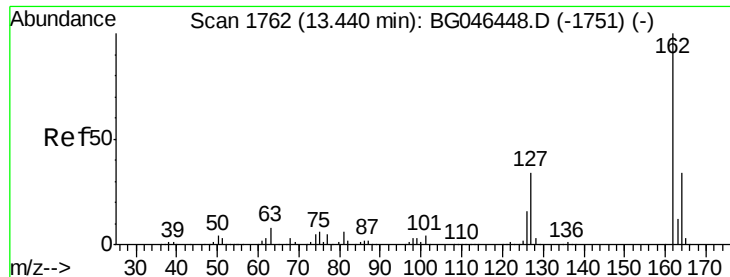
Tot Ion:172 Resp: 1053214
Ion Ratio Lower Upper
172 100
171 38.6 31.8 47.6
170 25.6 20.3 30.5



#46
1,1'-Biphenyl
Concen: 41.665 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

Tgt Ion:154 Resp: 586457
Ion Ratio Lower Upper
154 100
153 42.5 22.0 62.0
76 12.0 0.0 32.3

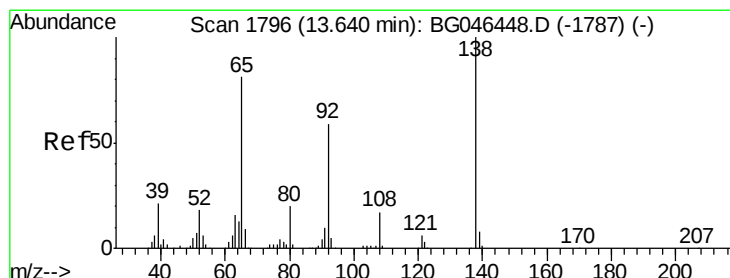
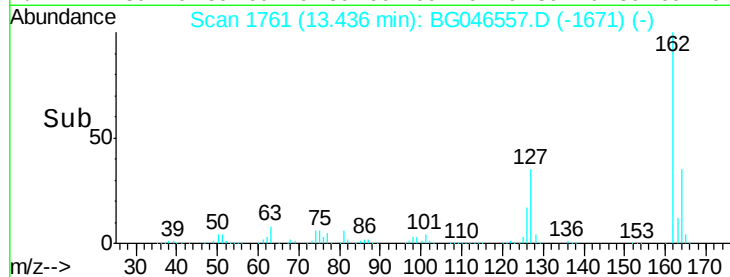
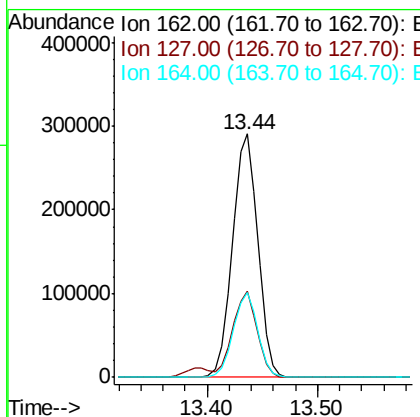
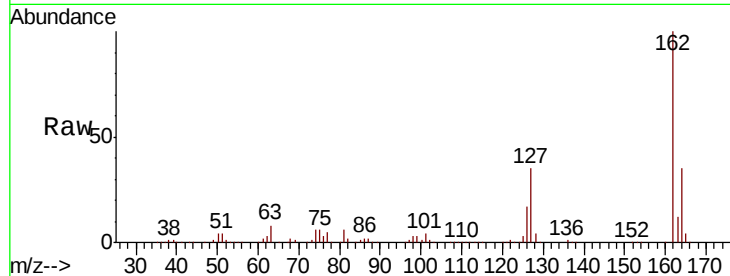




#47
 2-Chloronaphthalene
 Concen: 39.201 ng
 RT: 13.44 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

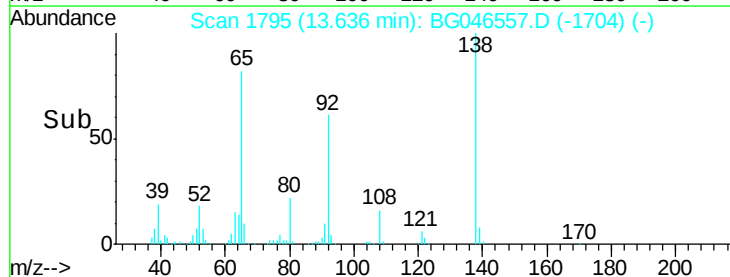
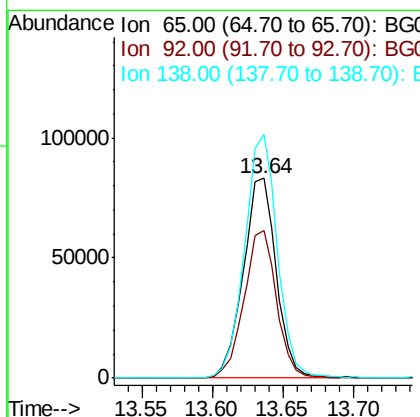
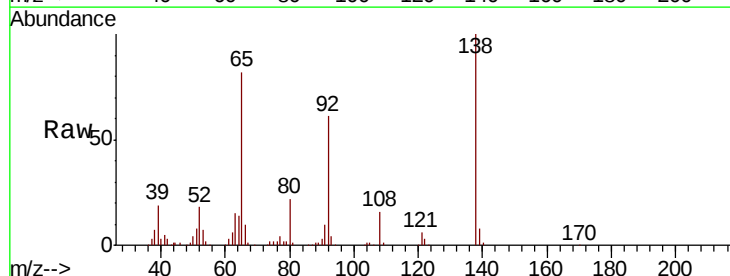
Instrument :
 BNA_G
 ClientSampleId :
 TP-11MSD

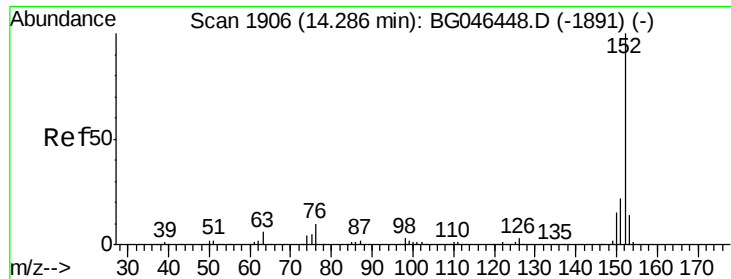
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.4	27.6	41.4
164	34.9	27.3	40.9



#48
 2-Nitroaniline
 Concen: 41.151 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.3	58.5	87.7
138	122.0	98.4	147.6





#49

Acenaphthylene

Concen: 41.496 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Instrument :

BNA_G

ClientSampleId :

TP-11MSD

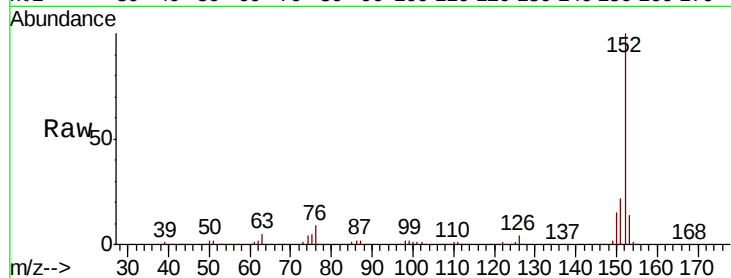
Tot Ion:152 Resp: 751194

Ion Ratio Lower Upper

152 100

151 21.8 17.7 26.5

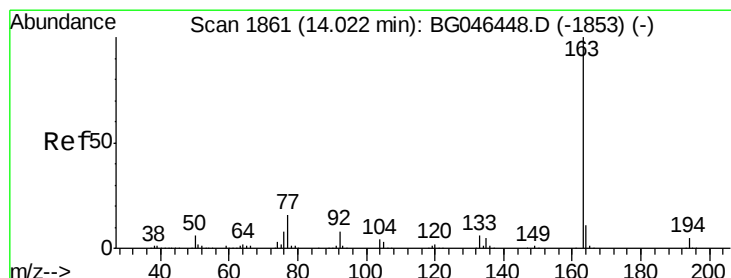
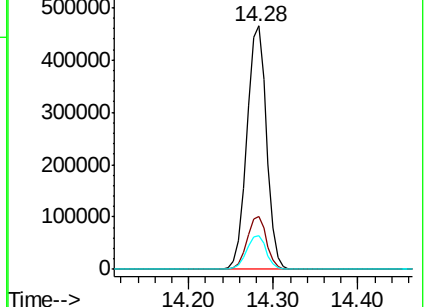
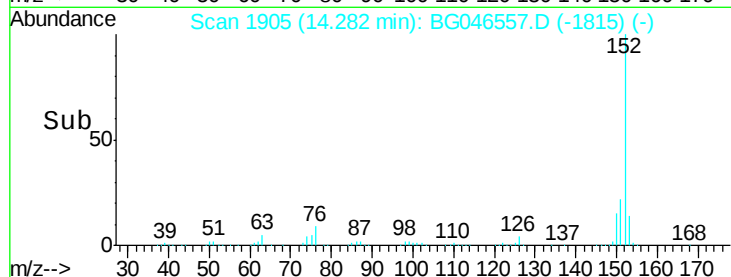
153 14.0 11.2 16.8



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: 48.686 ng

RT: 14.02 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

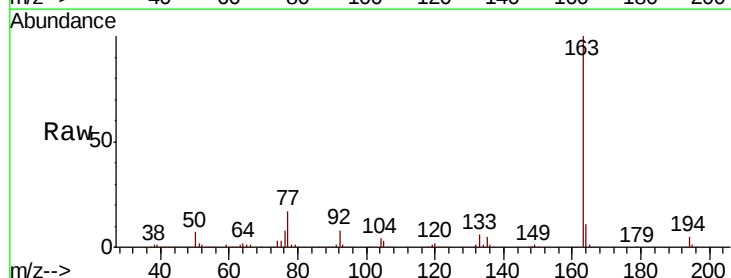
Tgt Ion:163 Resp: 762007

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

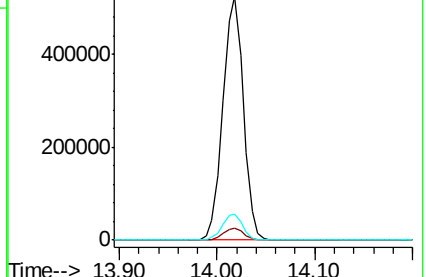
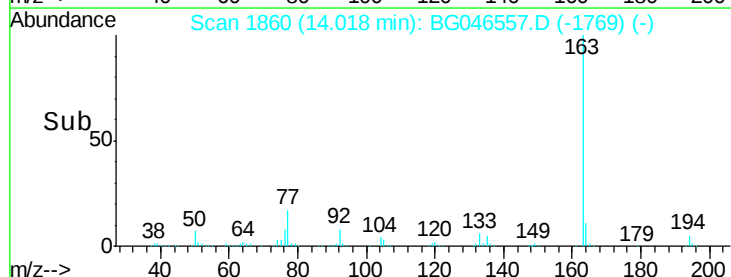
164 10.7 8.6 12.8

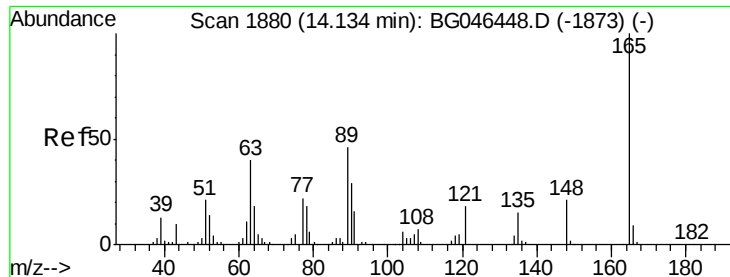


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

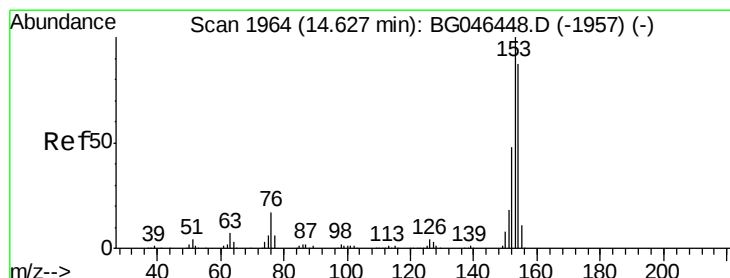
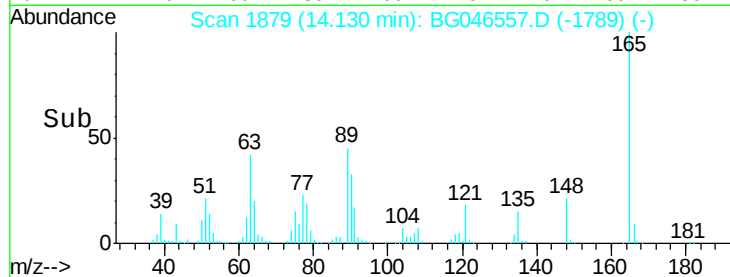
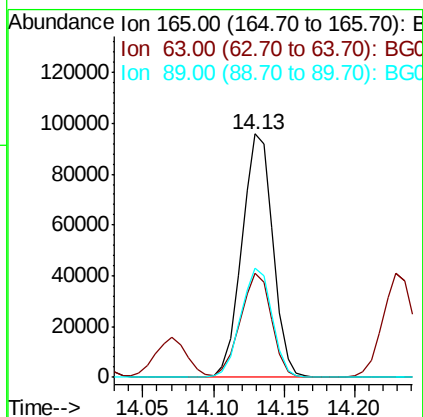
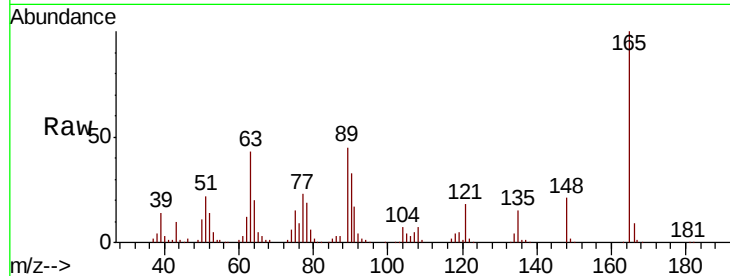




#51
 2,6-Dinitrotoluene
 Concen: 42.525 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.00 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

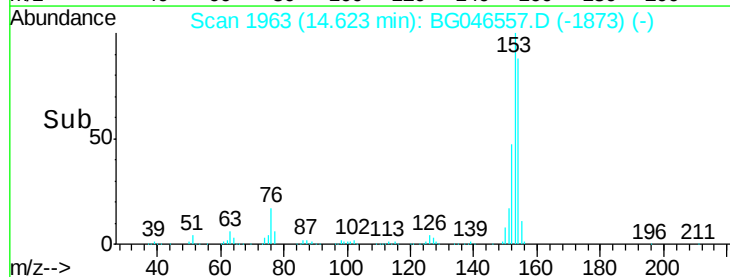
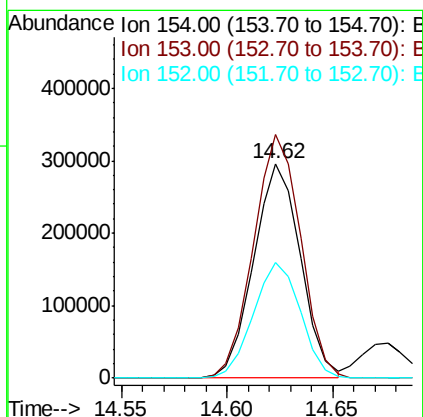
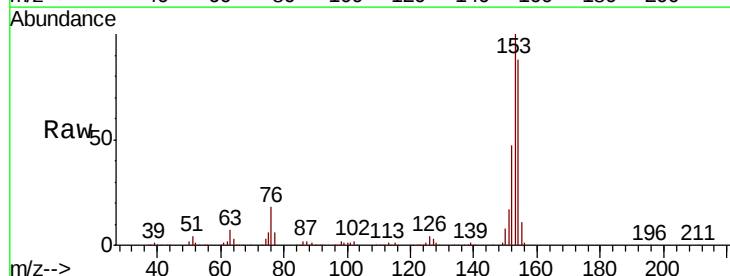
Instrument :
 BNA_G
 ClientSampleId :
 TP-11MSD

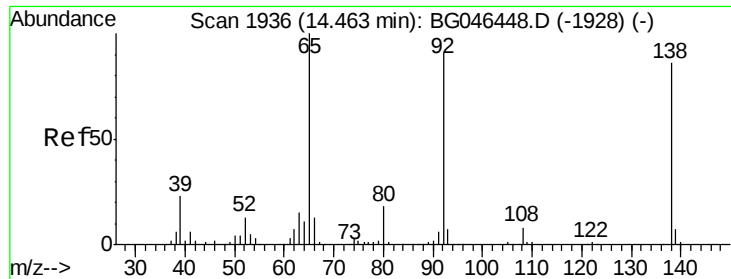
Tot Ion:165 Resp: 146718
 Ion Ratio Lower Upper
 165 100
 63 42.6 34.2 51.4
 89 44.6 37.0 55.4



#52
 Acenaphthene
 Concen: 40.786 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

Tgt Ion:154 Resp: 457542
 Ion Ratio Lower Upper
 154 100
 153 113.4 91.9 137.9
 152 53.7 43.8 65.6





#53

3-Nitroaniline

Concen: 25.266 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Instrument :

BNA_G

ClientSampleId :

TP-11MSD

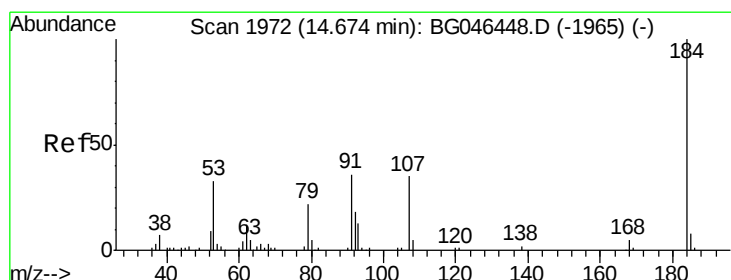
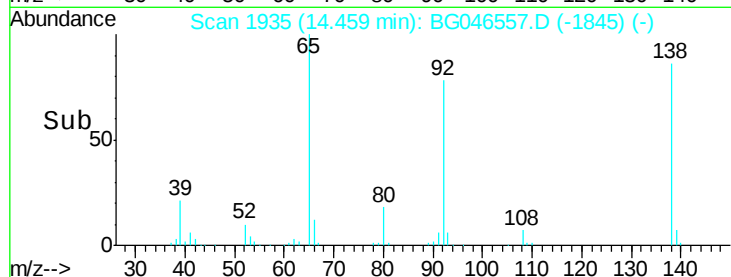
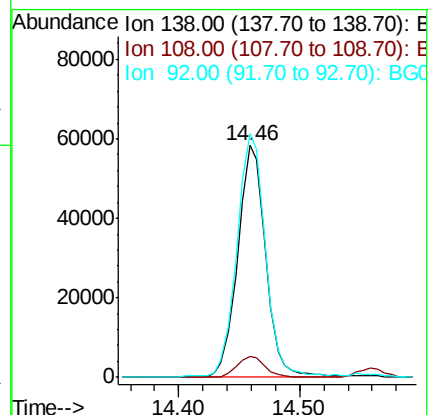
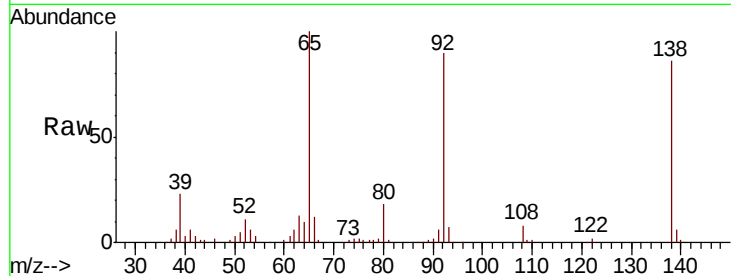
Tot Ion:138 Resp: 94426

Ion Ratio Lower Upper

138 100

108 9.1 7.0 10.6

92 105.1 84.6 127.0



#54

2,4-Dinitrophenol

Concen: 81.094 ng

RT: 14.68 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

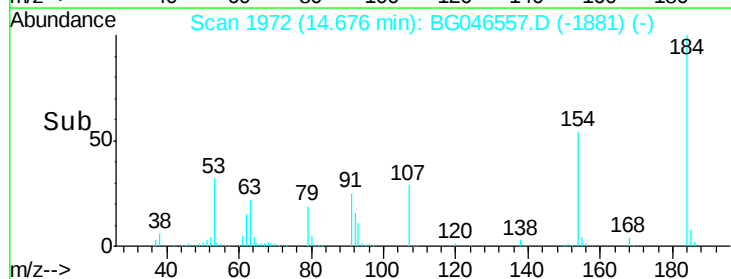
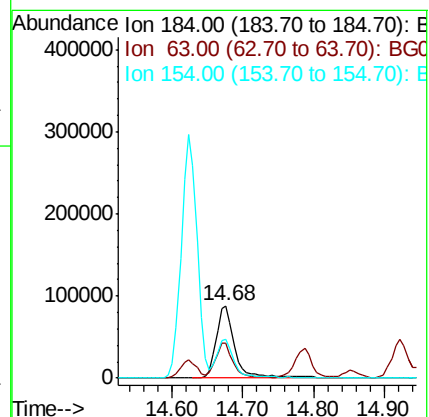
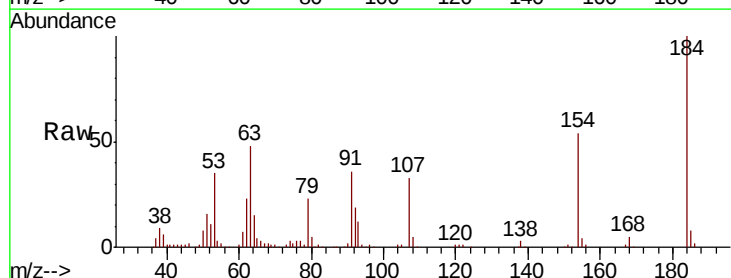
Tgt Ion:184 Resp: 163313

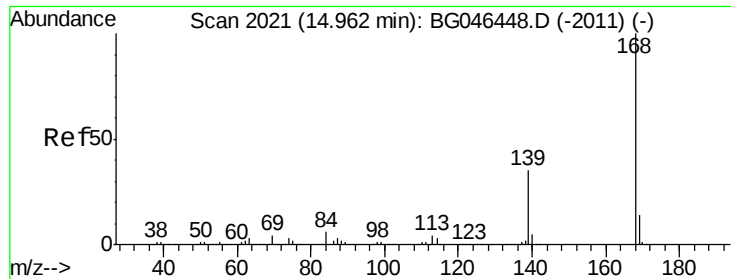
Ion Ratio Lower Upper

184 100

63 48.2 35.6 53.4

154 53.8 44.3 66.5

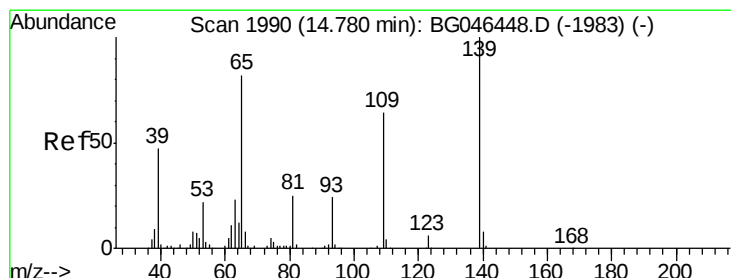
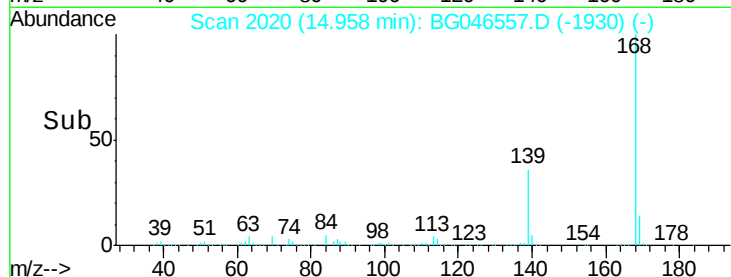
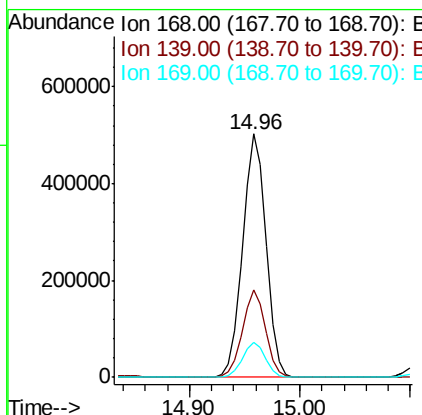
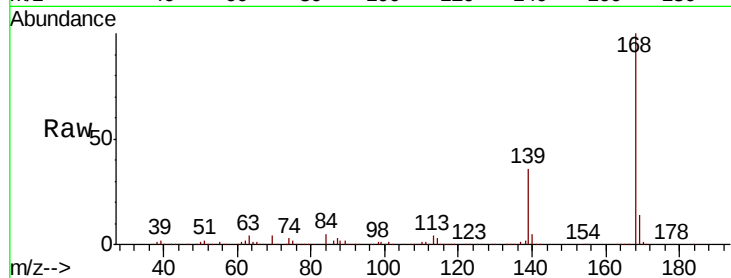




#55
Dibenzofuran
Concen: 41.676 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

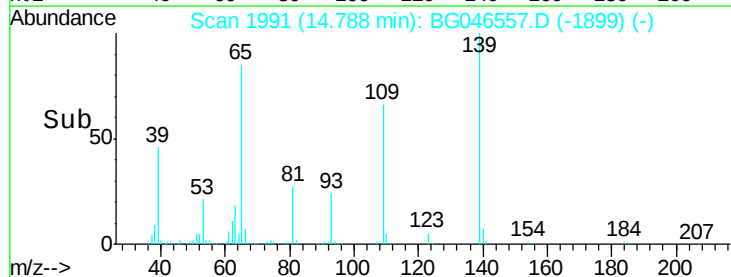
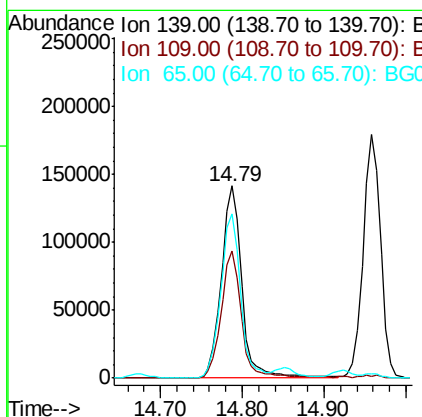
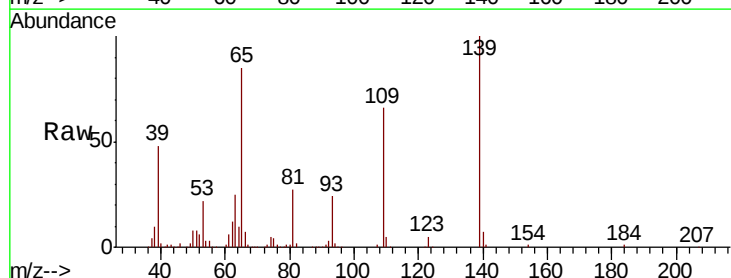
Instrument :
BNA_G
ClientSampleId :
TP-11MSD

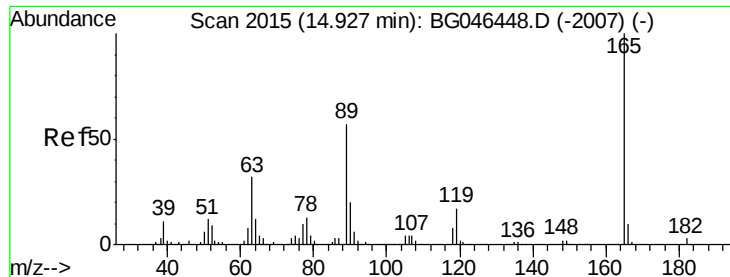
Tot Ion:168 Resp: 750307
Ion Ratio Lower Upper
168 100
139 35.7 28.1 42.1
169 14.2 11.5 17.3



#56
4-Nitrophenol
Concen: 90.080 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

Tgt Ion:139 Resp: 247758
Ion Ratio Lower Upper
139 100
109 66.0 44.3 84.3
65 85.5 61.5 101.5

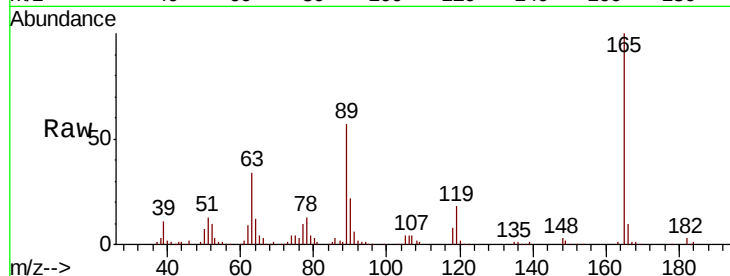




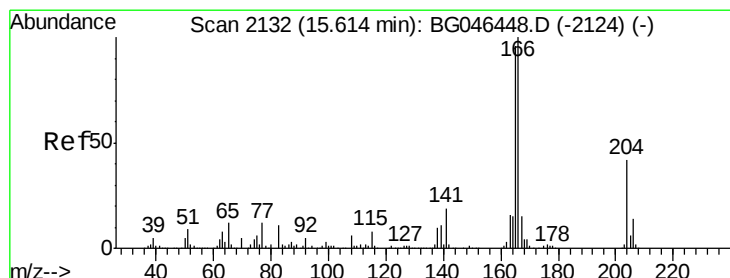
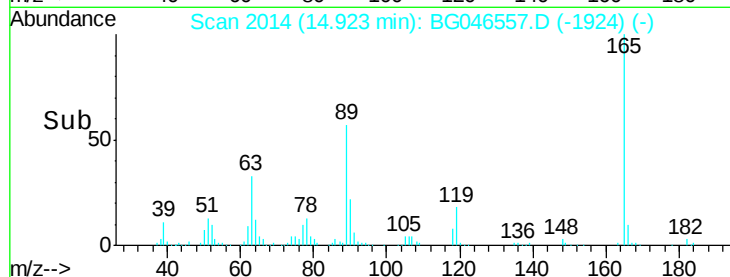
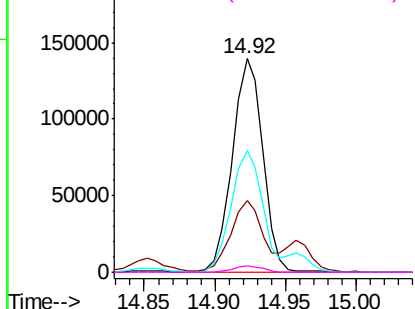
#57
 2,4-Dinitrotoluene
 Concen: 42.586 ng
 RT: 14.92 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-11MSD

Tot Ion:165	Resp:	209503
Ion Ratio	Lower	Upper
165	100	
63	33.6	25.4 38.0
89	57.2	45.9 68.9
182	3.3	2.3 3.5

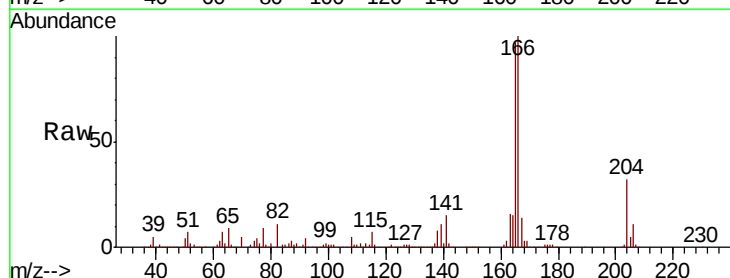


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

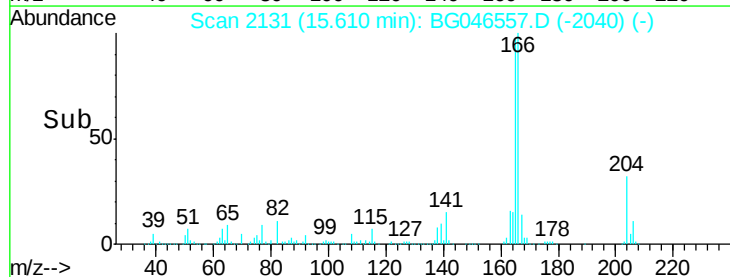
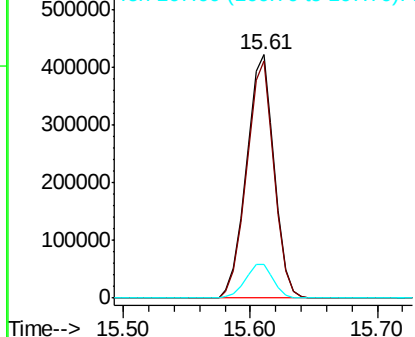


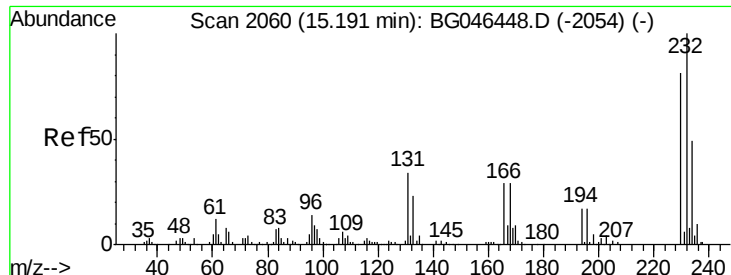
#58
 Fluorene
 Concen: 42.188 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

Tgt Ion:166	Resp:	637458
Ion Ratio	Lower	Upper
166	100	
165	97.3	77.0 115.4
167	13.9	11.8 17.6



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

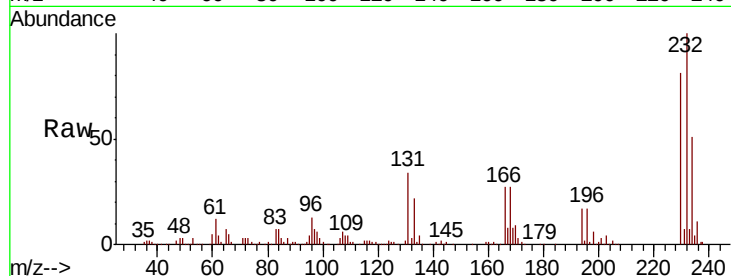




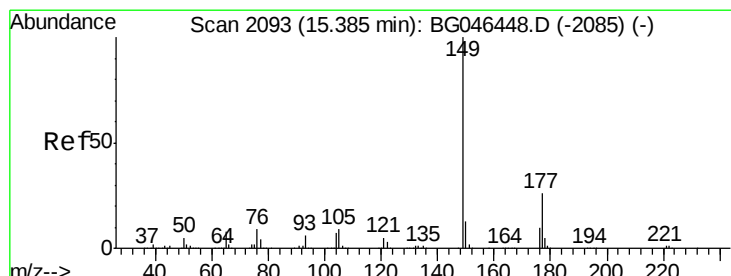
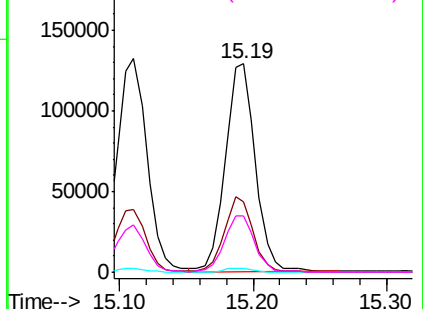
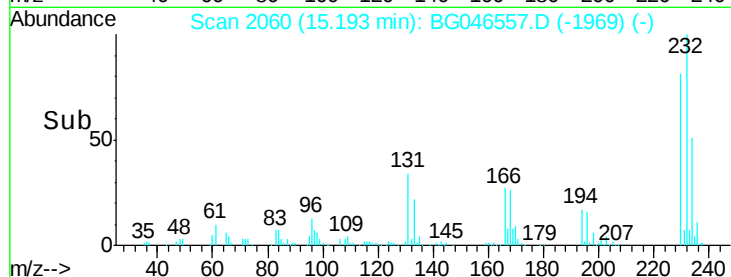
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.971 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-11MSD

Tot Ion:232	Resp:	201975
Ion Ratio	Lower	Upper
232	100	
131	34.9	26.8 40.2
130	2.0	1.4 2.2
166	27.4	22.8 34.2

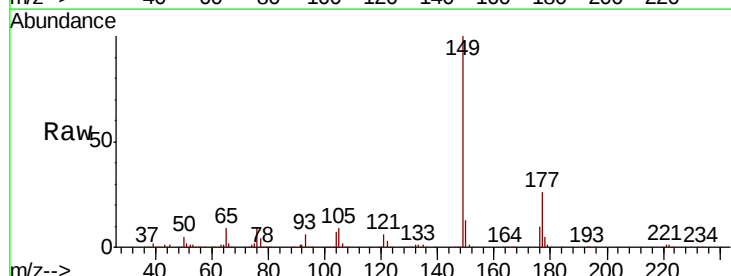


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

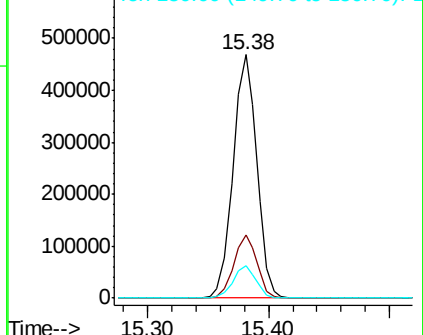
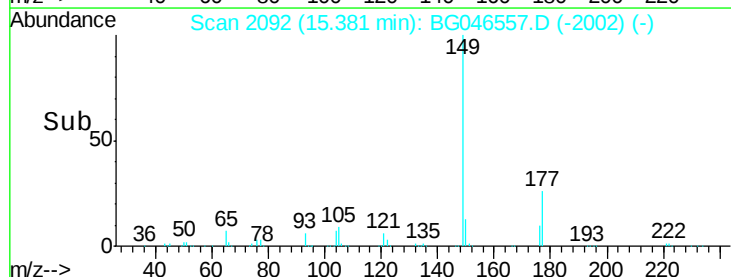


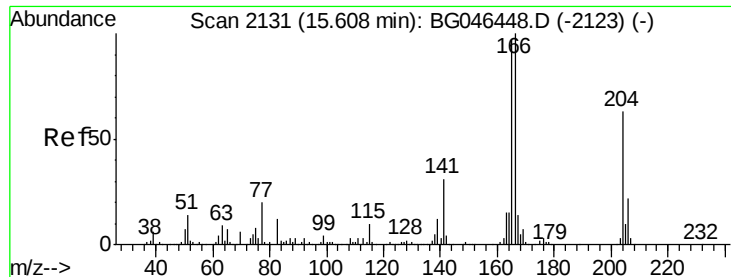
#60
 Diethylphthalate
 Concen: 41.940 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

Tgt Ion:149	Resp:	640016
Ion Ratio	Lower	Upper
149	100	
177	25.9	20.6 30.8
150	13.2	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

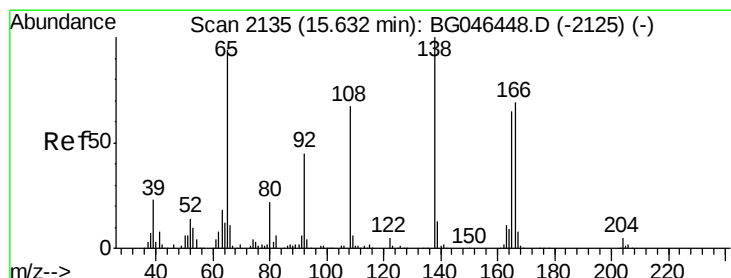
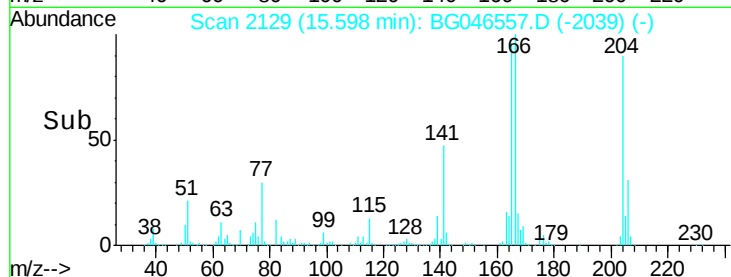
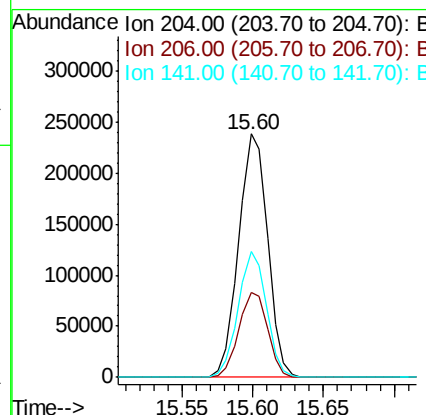
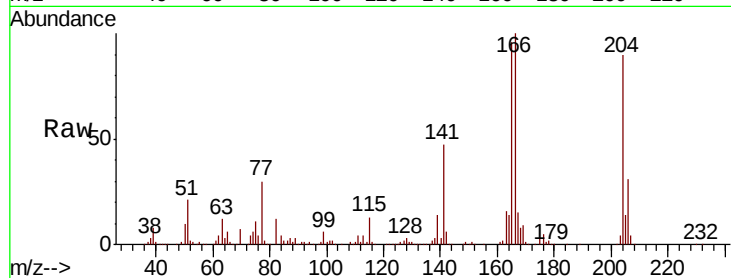




#61
 4-Chlorophenyl-phenylether
 Concen: 41.064 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

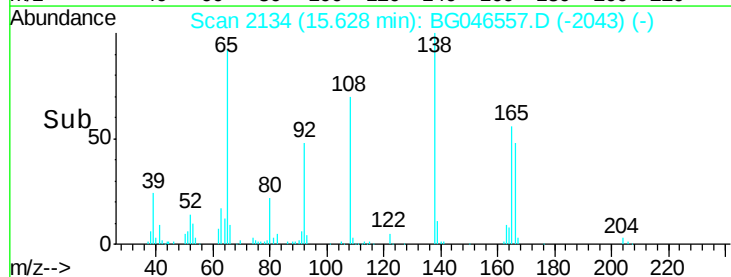
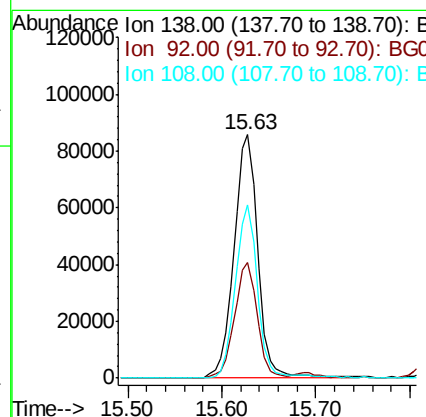
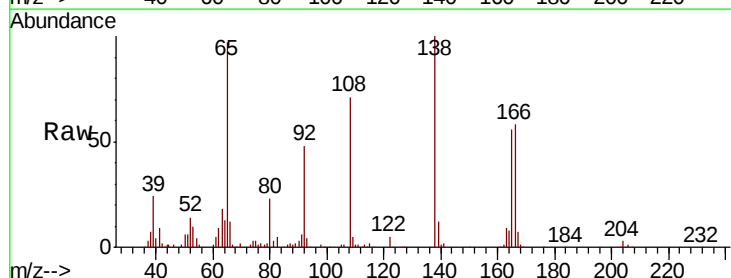
Instrument :
 BNA_G
 ClientSampleId :
 TP-11MSD

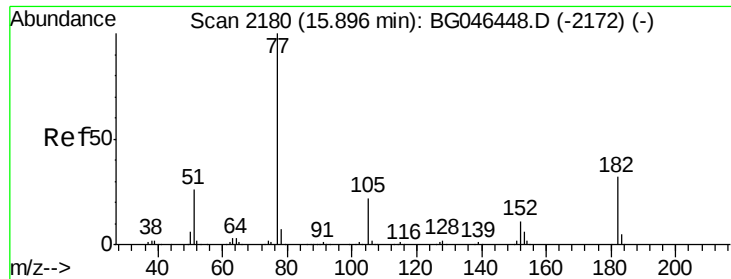
Tot Ion:204 Resp: 341720
 Ion Ratio Lower Upper
 204 100
 206 35.1 27.7 41.5
 141 52.0 38.7 58.1



#62
 4-Nitroaniline
 Concen: 38.265 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

Tgt Ion:138 Resp: 150892
 Ion Ratio Lower Upper
 138 100
 92 47.7 25.3 65.3
 108 71.3 46.7 86.7

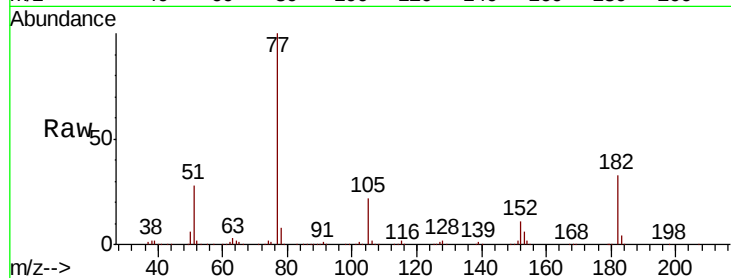




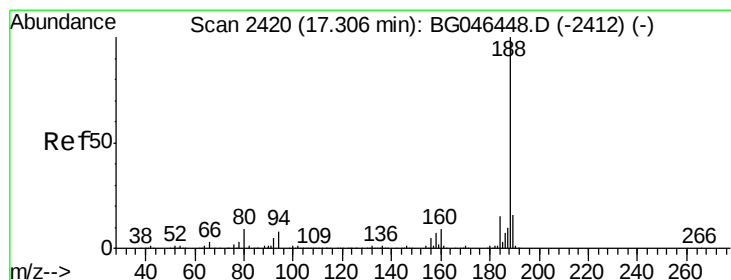
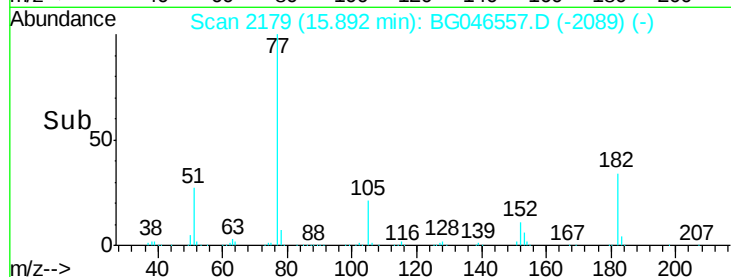
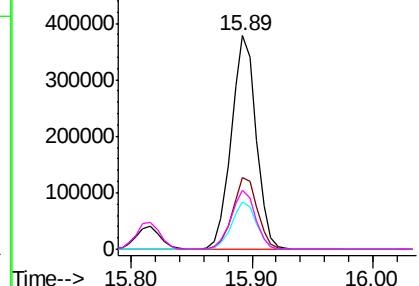
#63
Azobenzene
Concen: 43.253 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

Instrument :
BNA_G
ClientSampleId :
TP-11MSD

Tot Ion:	77	Resp:	536905
Ion	Ratio	Lower	Upper
77	100		
182	33.3	12.3	52.3
105	22.3	2.3	42.3
51	27.7	6.5	46.5

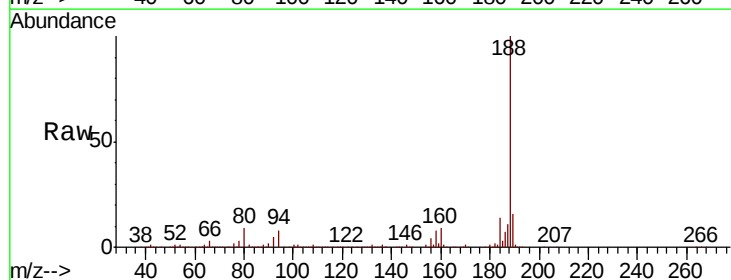


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

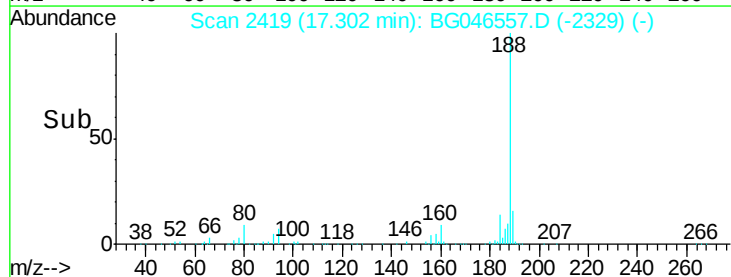
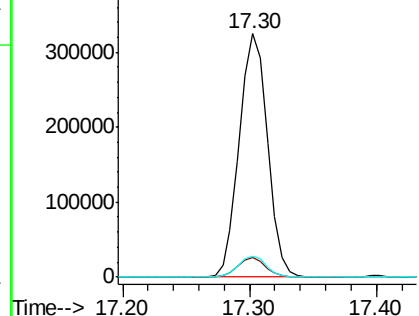


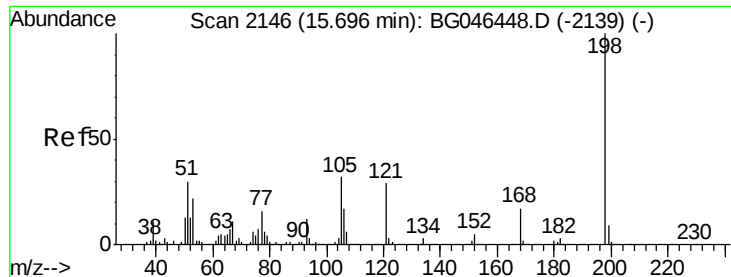
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

Tgt Ion:	188	Resp:	500624
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.3	9.5
80	8.8	6.9	10.3



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 48.150 ng

RT: 15.69 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Instrument :

BNA_G

ClientSampleId :

TP-11MSD

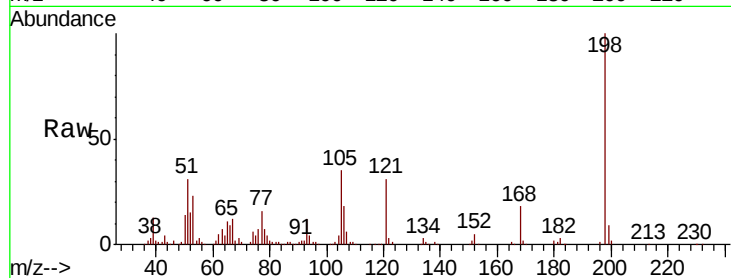
Tot Ion:198 Resp: 136437

Ion Ratio Lower Upper

198 100

51 31.1 10.4 50.4

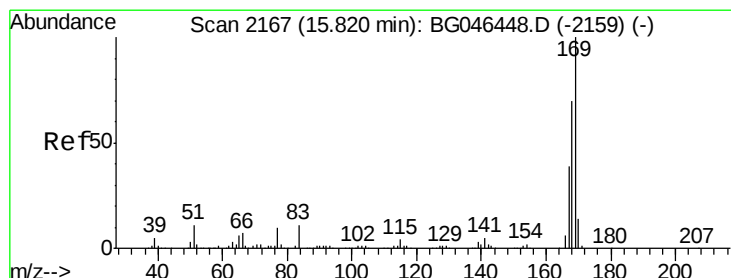
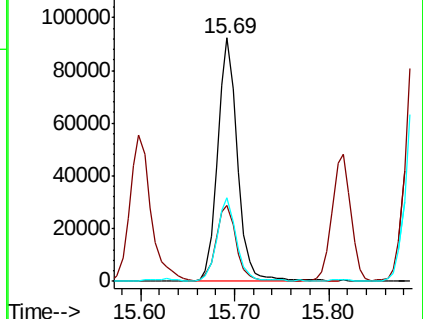
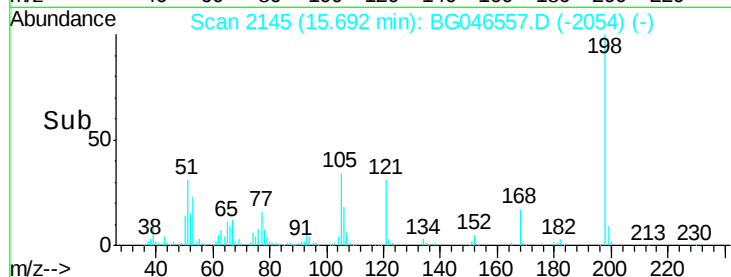
105 34.5 12.4 52.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.884 ng

RT: 15.82 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

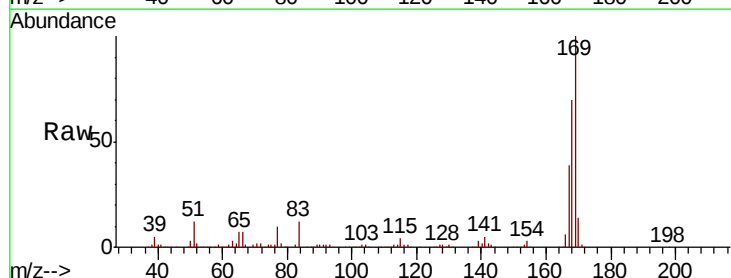
Tgt Ion:169 Resp: 579183

Ion Ratio Lower Upper

169 100

168 70.0 55.8 83.8

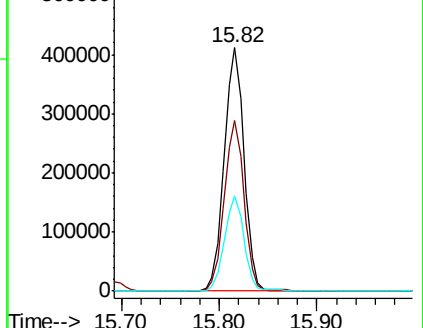
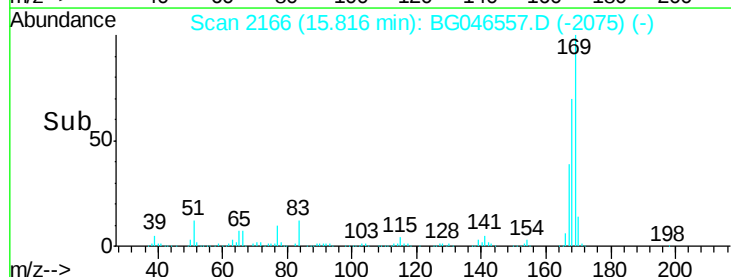
167 39.1 31.0 46.6

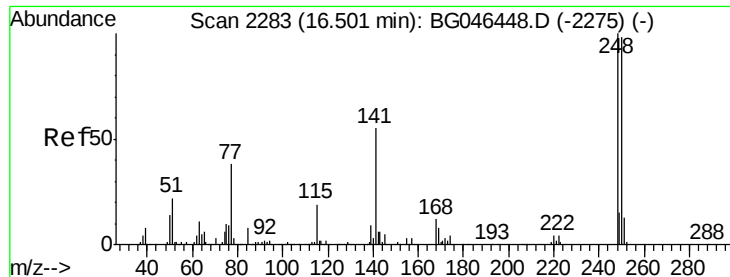


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

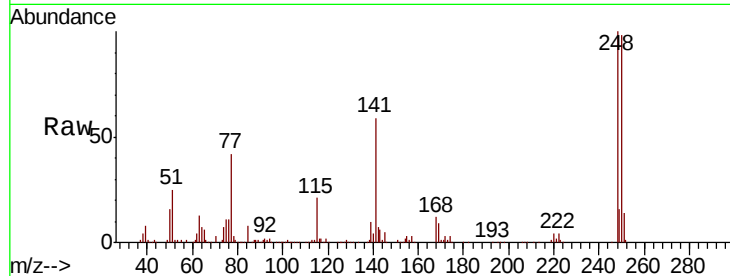




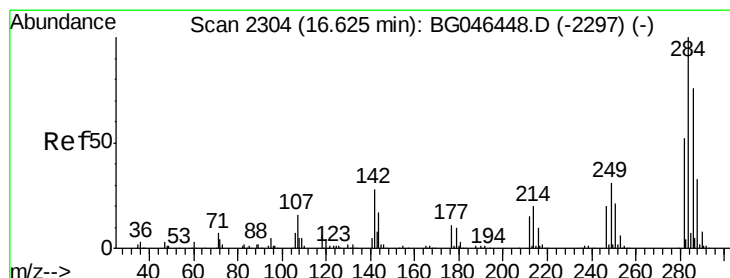
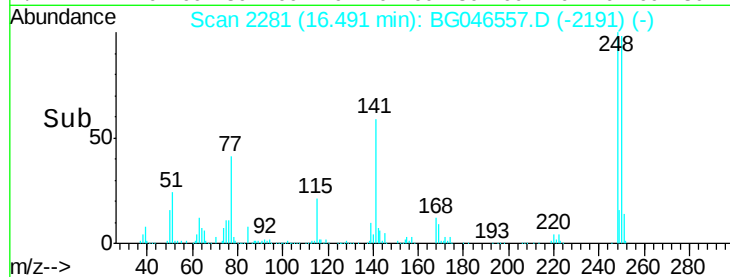
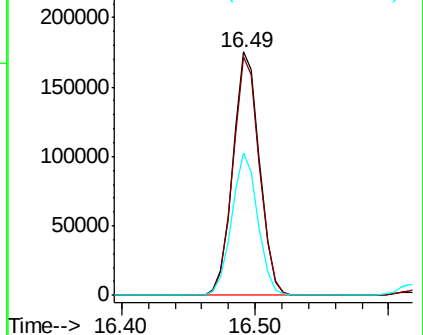
#67
4-Bromophenyl-phenylether
Concen: 41.667 ng
RT: 16.49 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

Instrument :
BNA_G
ClientSampleId :
TP-11MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.6	118.0
141	58.7	43.9	65.9

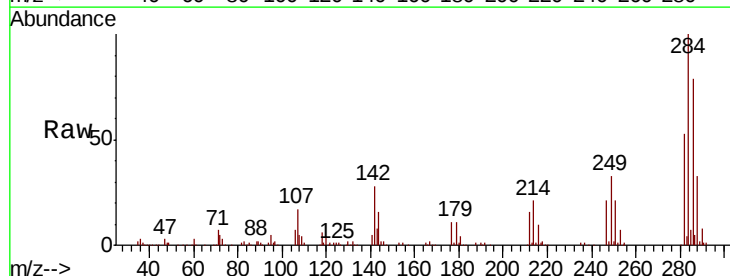


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

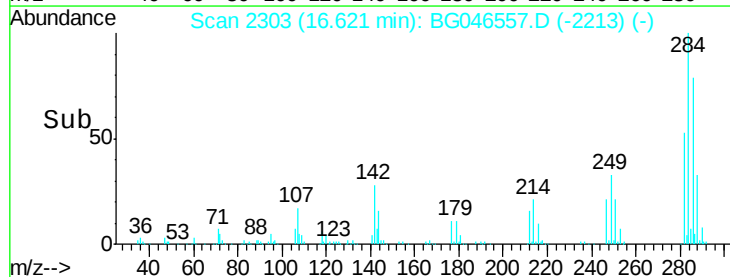
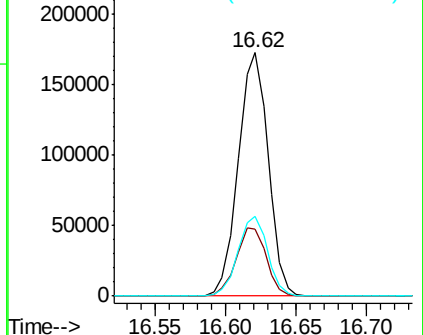


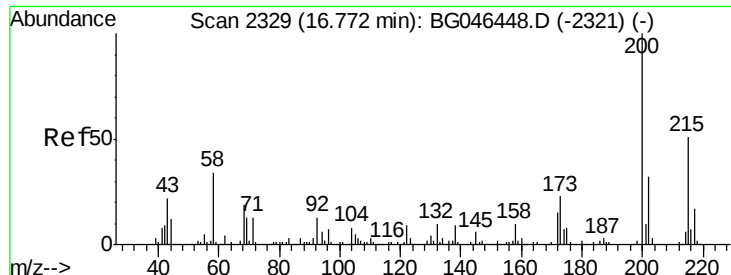
#68
Hexachlorobenzene
Concen: 39.396 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.6	22.3	33.5
249	32.7	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

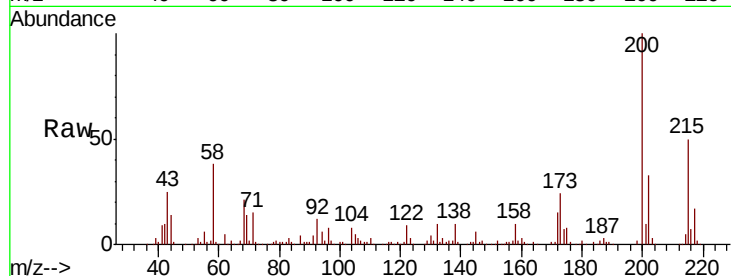




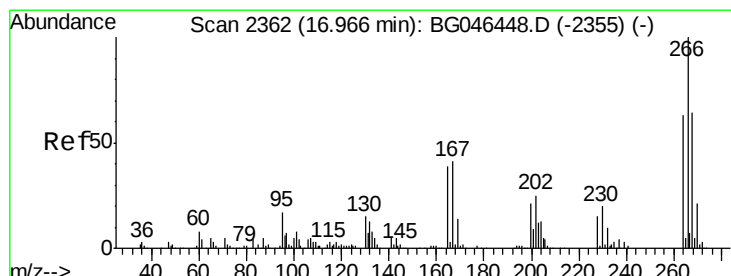
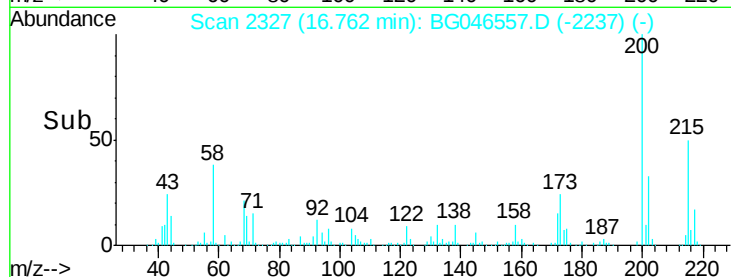
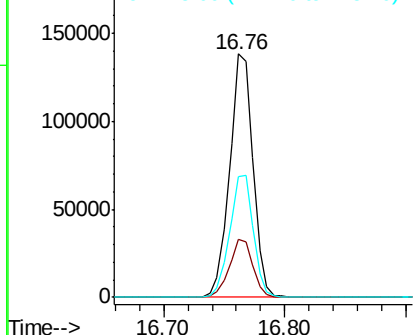
#69
 Atrazine
 Concen: 33.811 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-11MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.9	3.3	43.3
215	49.8	30.9	70.9

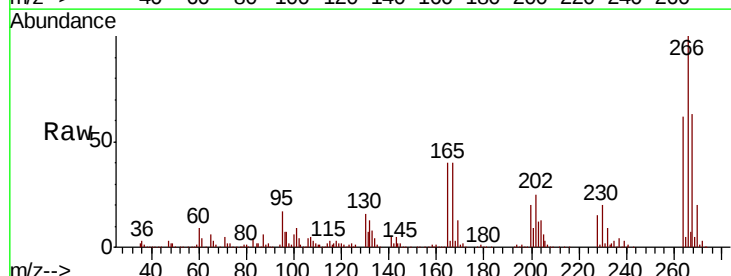


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

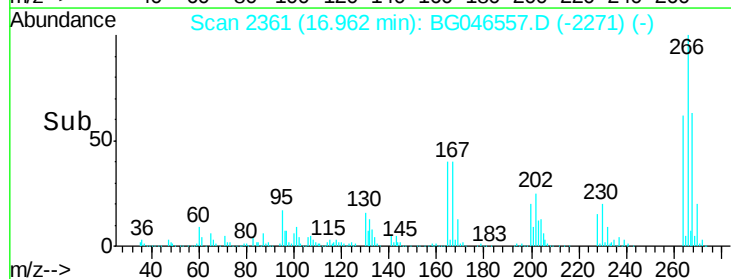
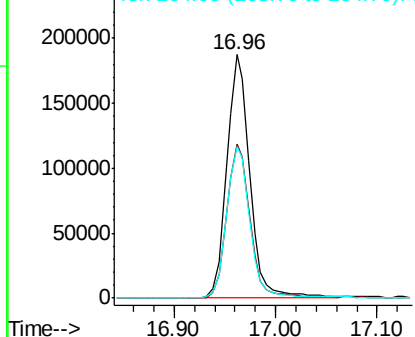


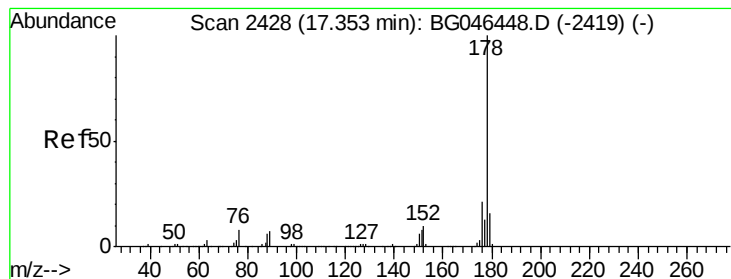
#70
 Pentachlorophenol
 Concen: 87.369 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.00 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	62.5	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: 41.177 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Instrument :

BNA_G

ClientSampleId :

TP-11MSD

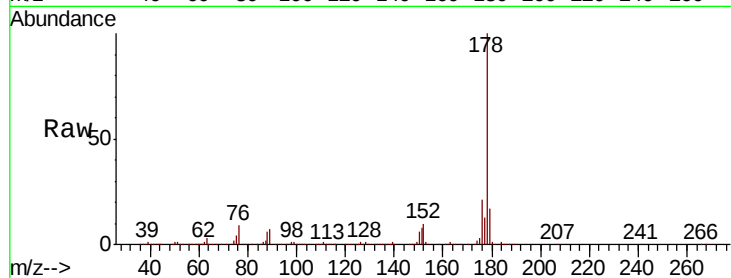
Tot Ion:178 Resp: 1044864

Ion Ratio Lower Upper

178 100

176 20.9 16.8 25.2

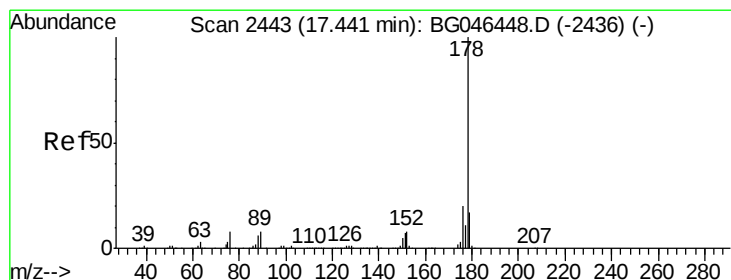
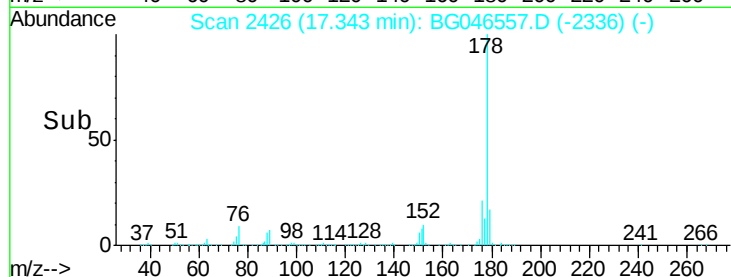
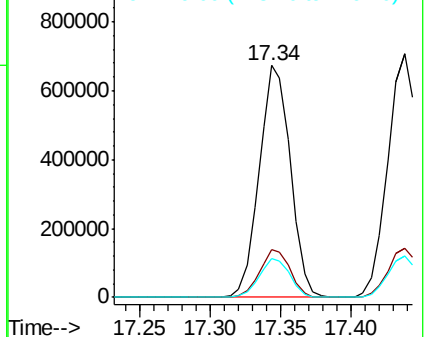
179 16.8 13.2 19.8



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: 42.811 ng

RT: 17.44 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

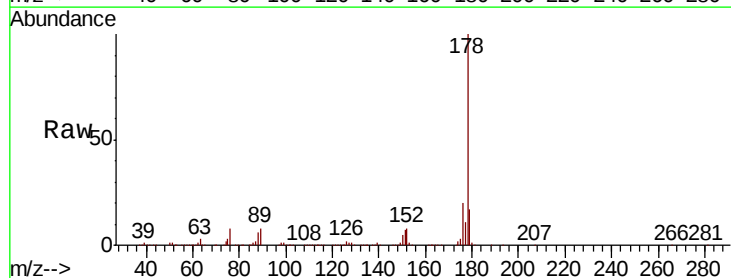
Tgt Ion:178 Resp: 1071805

Ion Ratio Lower Upper

178 100

176 20.3 16.1 24.1

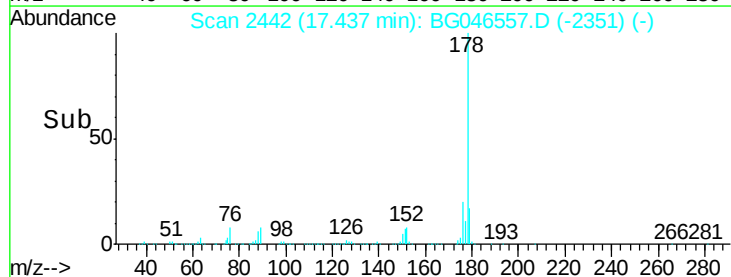
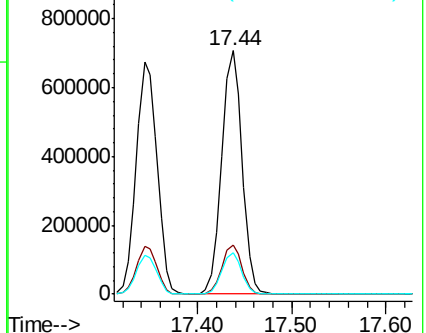
179 16.9 13.3 19.9

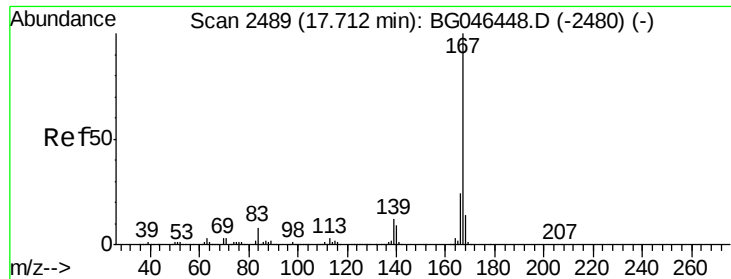


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.247 ng

RT: 17.70 min Scan# 2487

Delta R.T. -0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Instrument :

BNA_G

ClientSampleId :

TP-11MSD

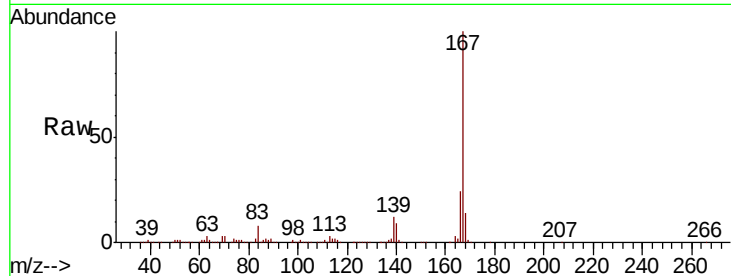
Tot Ion:167 Resp: 974984

Ion Ratio Lower Upper

167 100

166 23.9 19.3 28.9

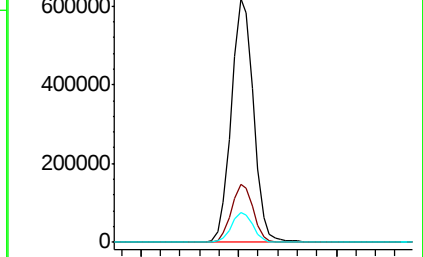
139 12.3 9.7 14.5



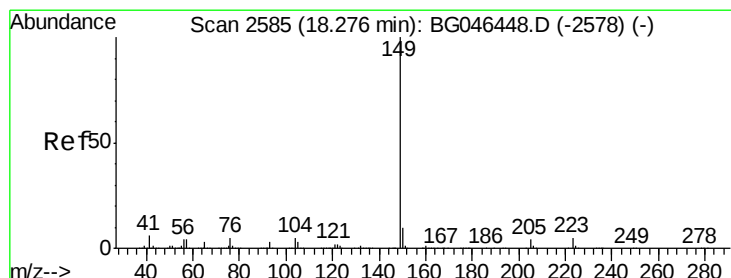
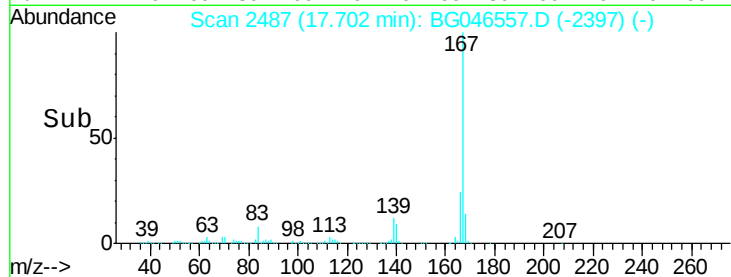
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 17.60 17.70 17.80



#74

Di-n-butylphthalate

Concen: 40.631 ng

RT: 18.27 min Scan# 2583

Delta R.T. -0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

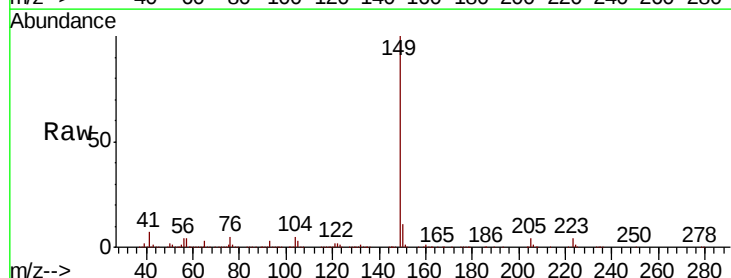
Tgt Ion:149 Resp: 1104403

Ion Ratio Lower Upper

149 100

150 10.5 8.1 12.1

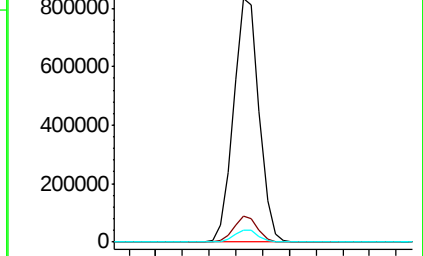
104 5.0 4.0 6.0



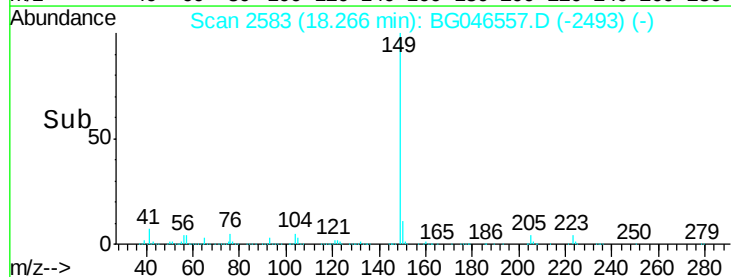
Abundance Ion 149.00 (148.70 to 149.70): E

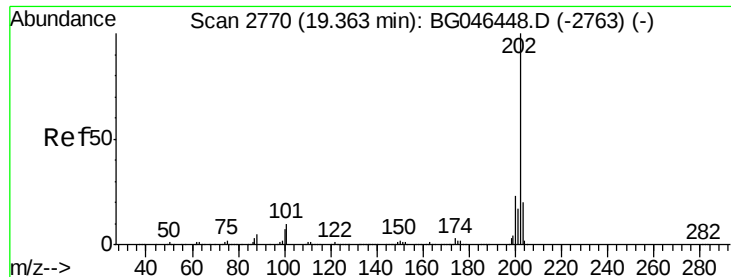
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 18.20 18.30





#75

Fluoranthene

Concen: 39.717 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Instrument :

BNA_G

ClientSampleId :

TP-11MSD

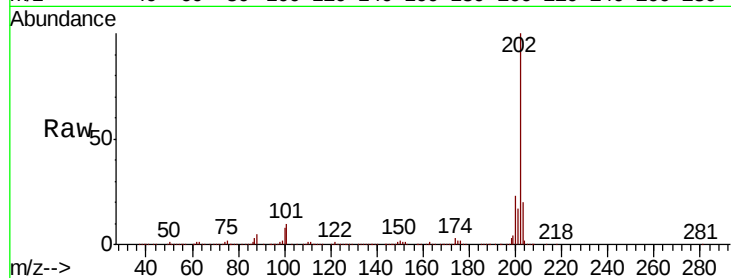
Tot Ion:202 Resp: 1296952

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.9

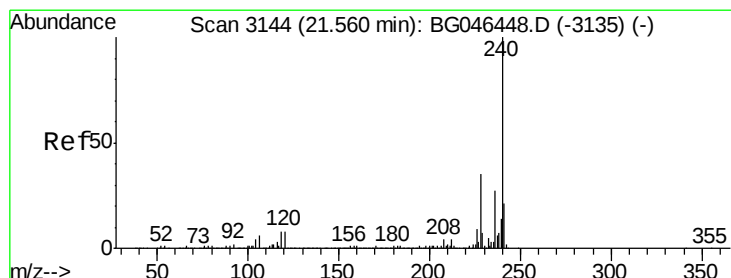
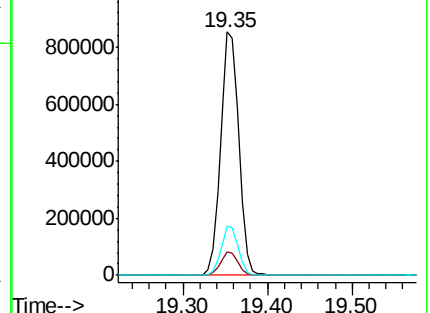
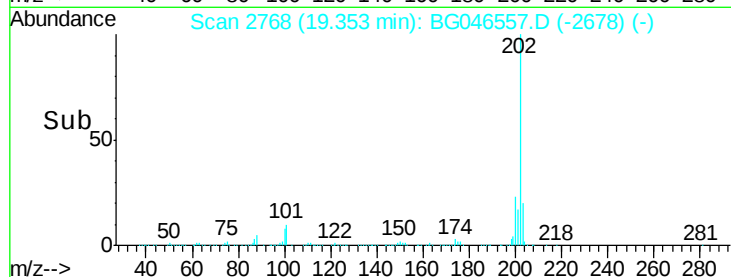
203 20.1 0.0 40.0



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: BG046557.D

Acq: 8 Sep 2020 14:34

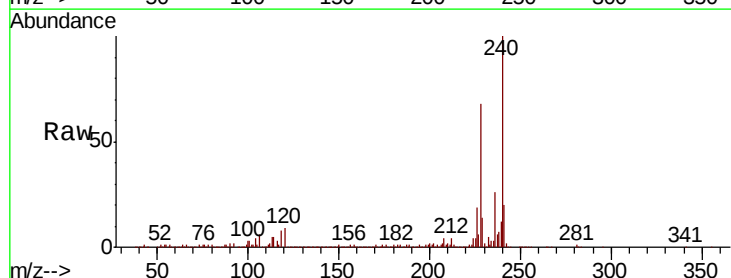
Tgt Ion:240 Resp: 486090

Ion Ratio Lower Upper

240 100

120 8.8 6.6 10.0

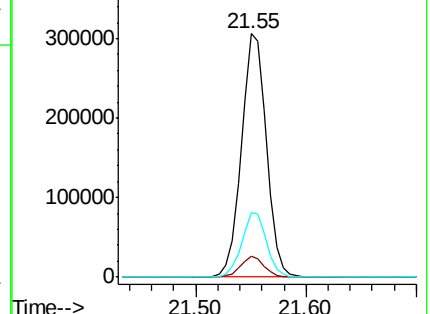
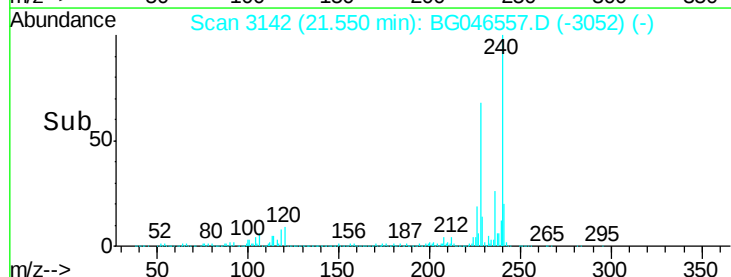
236 26.3 21.4 32.2

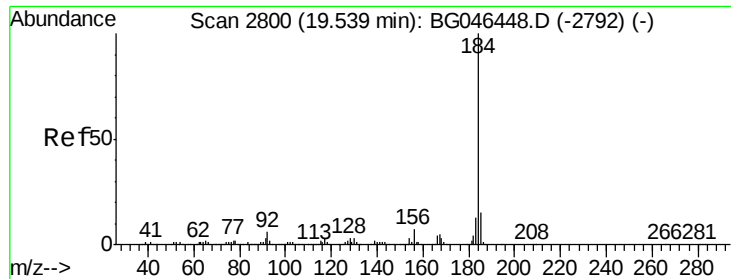


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.225 ng

RT: 19.53 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Instrument :

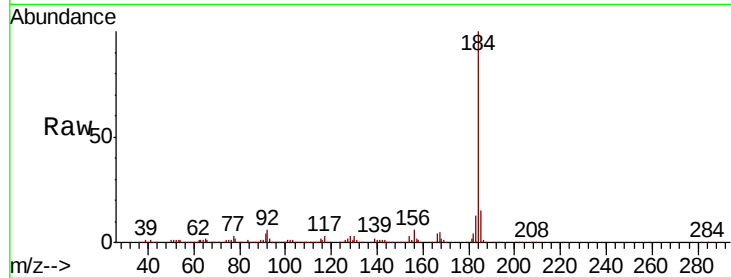
BNA_G

ClientSampleId :

TP-11MSD

Tot Ion:184 Resp: 533419

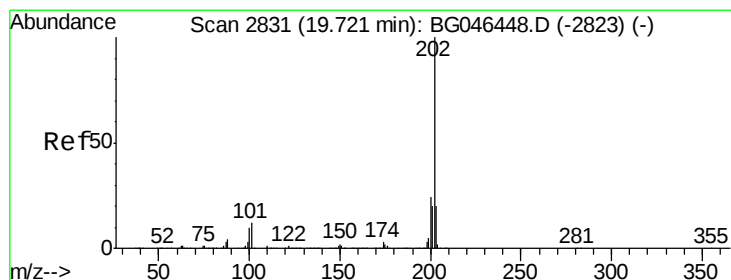
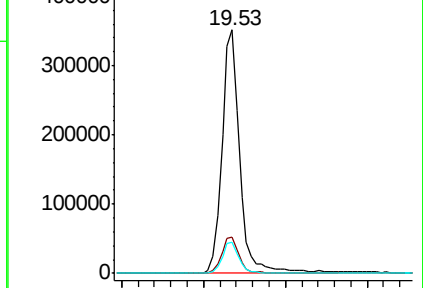
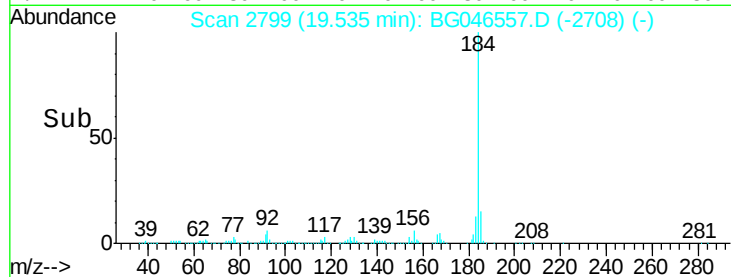
Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.8
183	12.6	10.7	16.1



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: 41.654 ng

RT: 19.72 min Scan# 2830

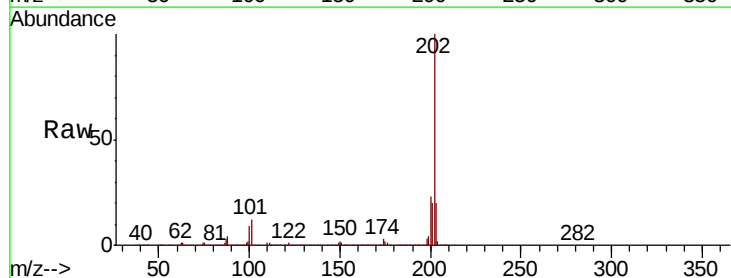
Delta R.T. 0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Tgt Ion:202 Resp: 1289351

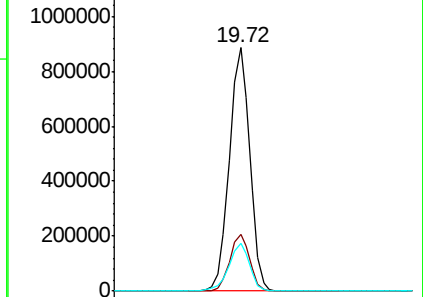
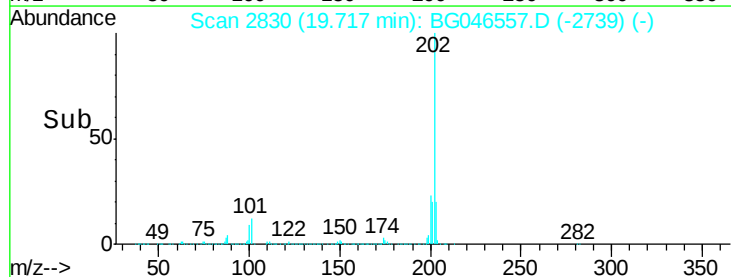
Ion	Ratio	Lower	Upper
202	100		
200	23.5	18.9	28.3
203	19.8	16.1	24.1

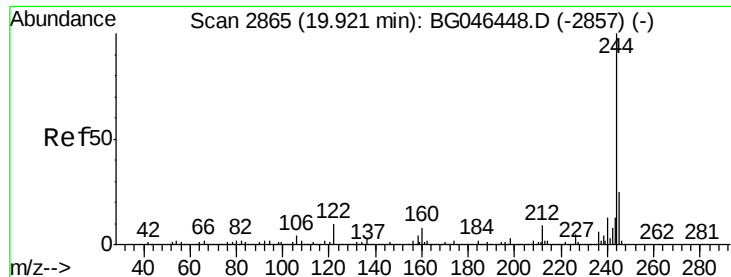


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.144 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Instrument :

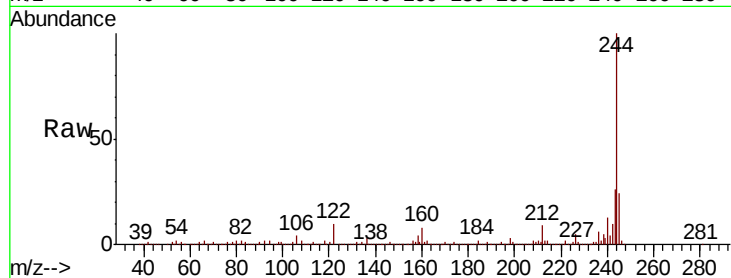
BNA_G

ClientSampleId :

TP-11MSD

Tot Ion:244 Resp: 1647806

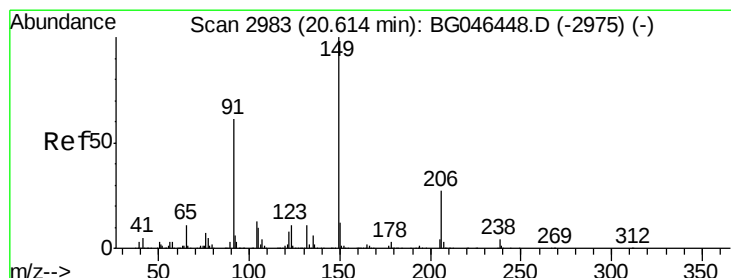
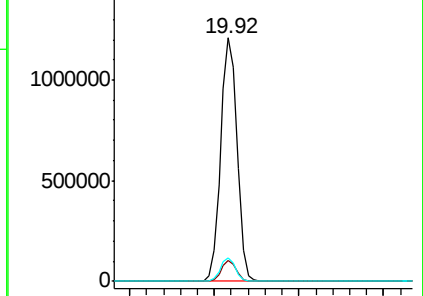
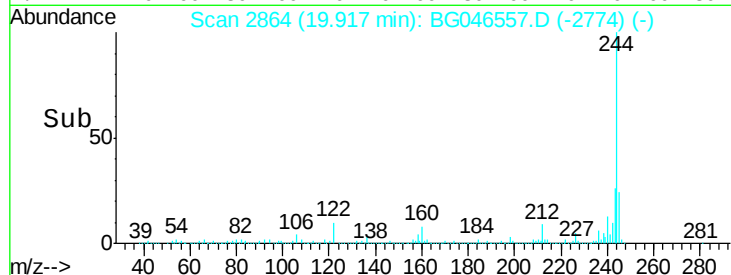
Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.9	10.3
122	9.9	8.2	12.4



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: 40.982 ng

RT: 20.60 min Scan# 2981

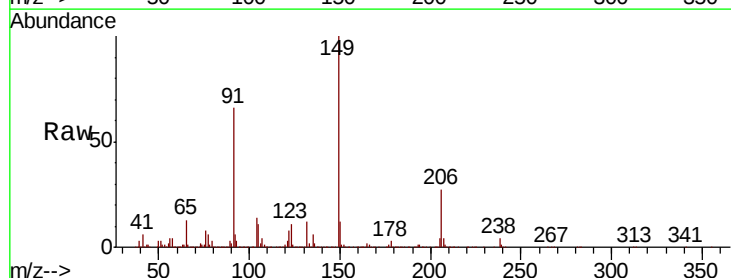
Delta R.T. -0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Tgt Ion:149 Resp: 494807

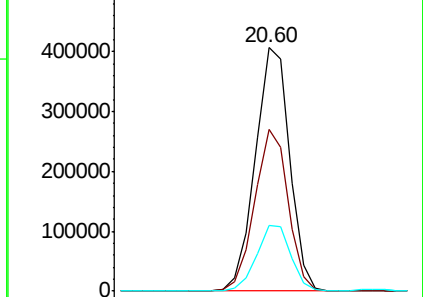
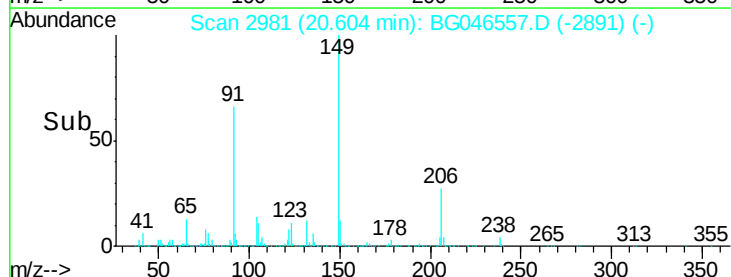
Ion	Ratio	Lower	Upper
149	100		
91	66.3	49.1	73.7
206	27.2	21.9	32.9

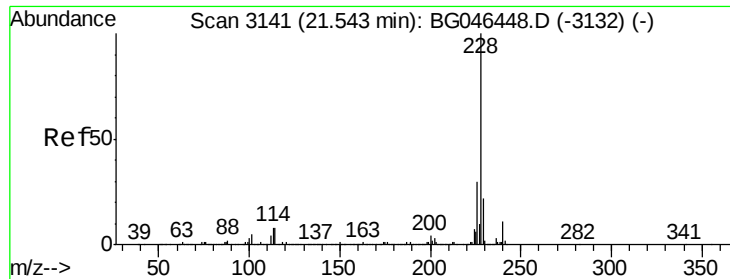


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

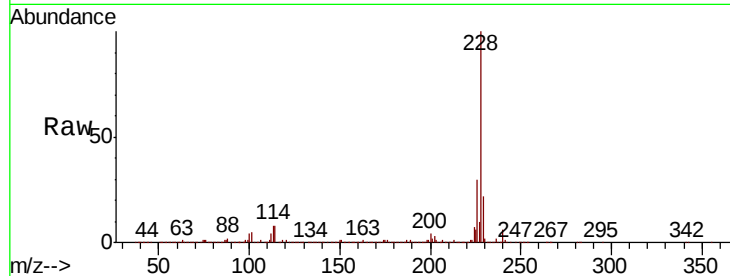




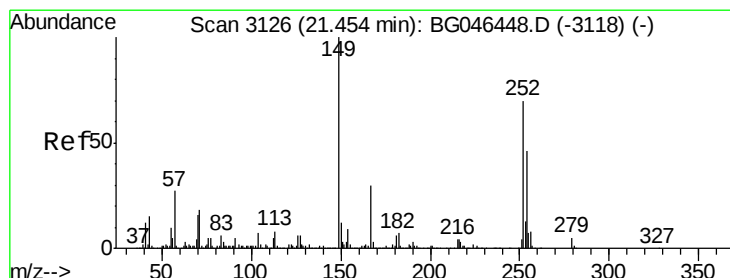
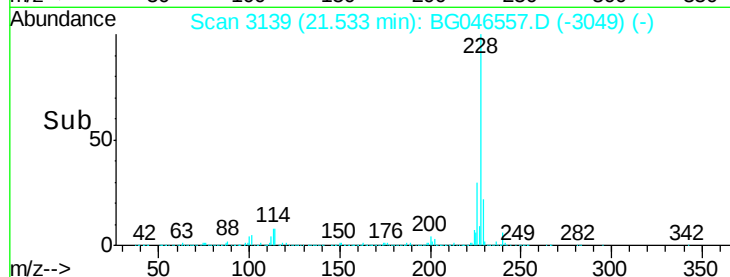
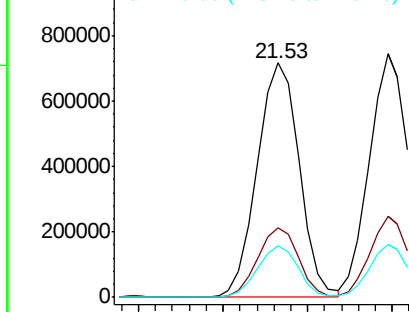
#81
Benzo(a)anthracene
Concen: 40.986 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

Instrument :
BNA_G
ClientSampleId :
TP-11MSD

Tot Ion:228 Resp: 1241803
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.4
229 21.9 17.4 26.2

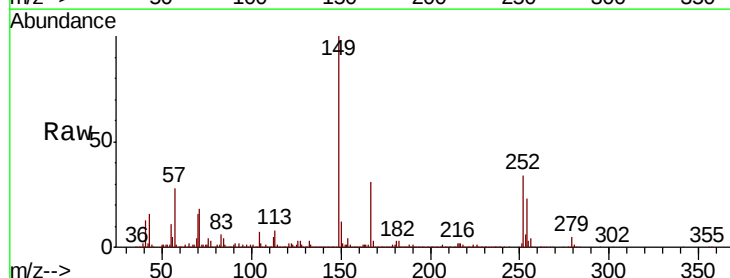


Abundance Ion 228.00 (227.70 to 228.70): E
1000000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

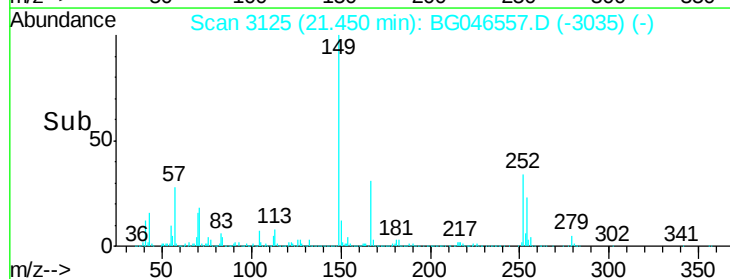
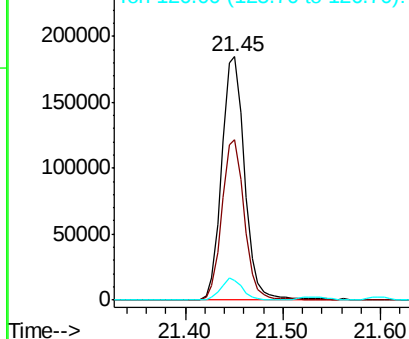


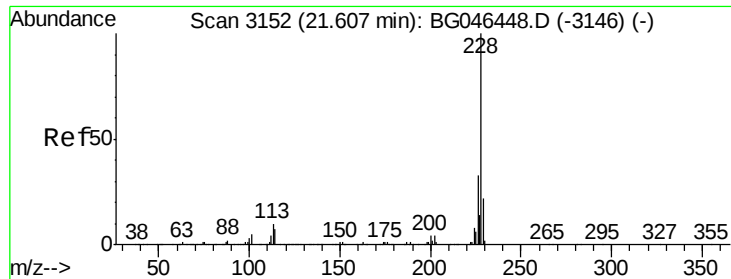
#82
3,3'-Dichlorobenzidine
Concen: 26.836 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

Tgt Ion:252 Resp: 301734
Ion Ratio Lower Upper
252 100
254 65.9 51.9 77.9
126 8.1 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E
250000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.161 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

Instrument :

BNA_G

ClientSampleId :

TP-11MSD

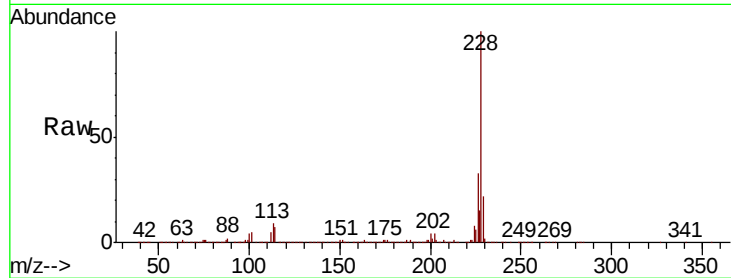
Tot Ion:228 Resp: 1199604

Ion Ratio Lower Upper

228 100

226 33.0 26.2 39.4

229 22.0 17.9 26.9

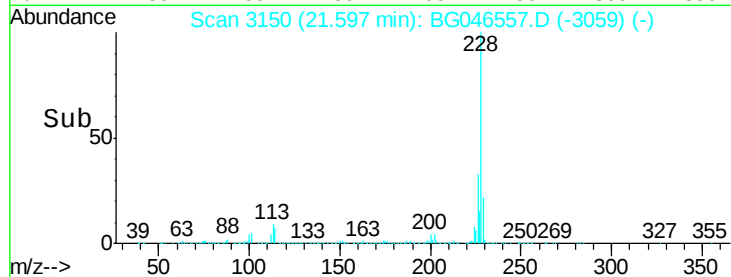


Abundance Ion 228.00 (227.70 to 228.70): E

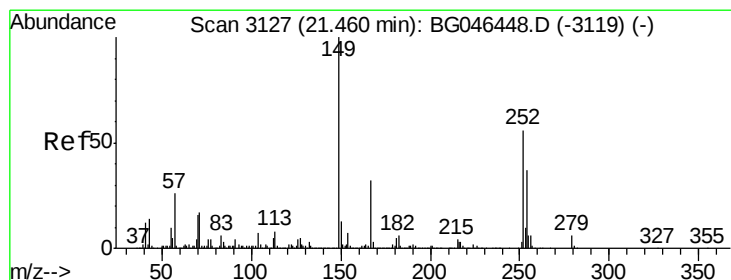
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.60



Time--> 21.50 21.60 21.70



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.827 ng

RT: 21.45 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG046557.D

Acq: 8 Sep 2020 14:34

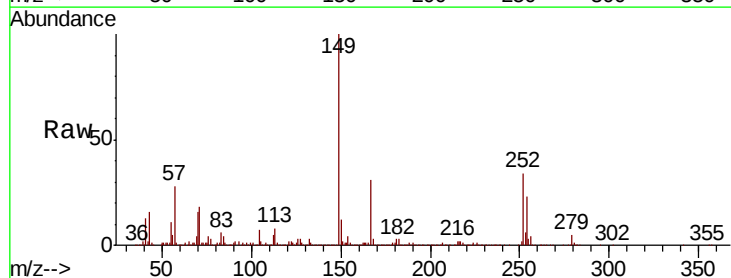
Tgt Ion:149 Resp: 722117

Ion Ratio Lower Upper

149 100

167 31.3 25.4 38.2

279 5.3 4.5 6.7

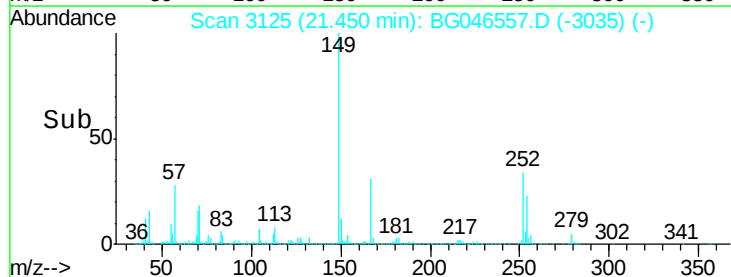


Abundance Ion 149.00 (148.70 to 149.70): E

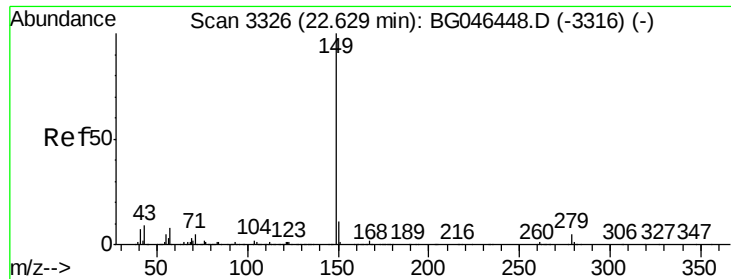
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.45



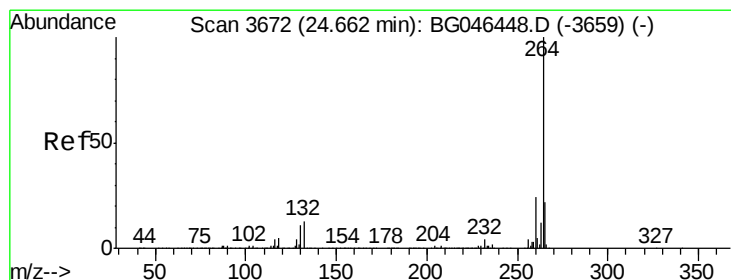
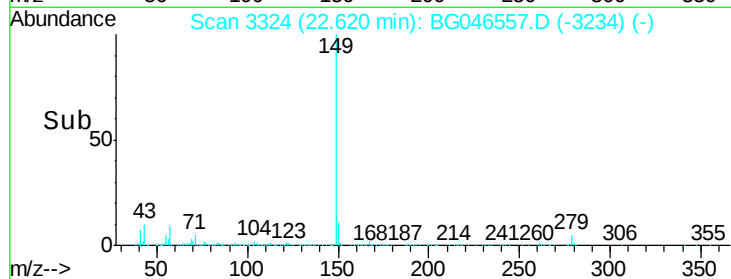
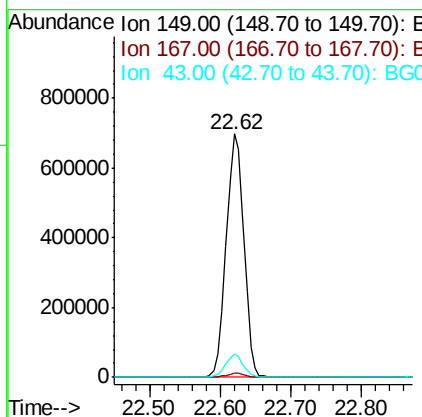
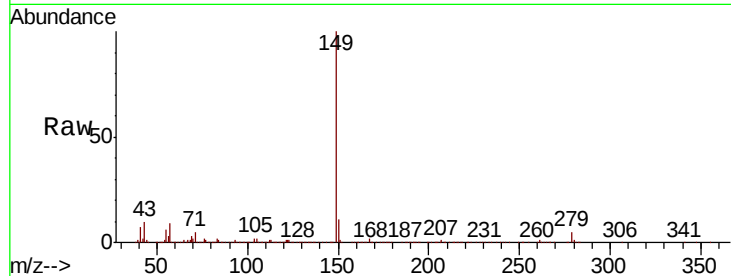
Time--> 21.40 21.45 21.50



#85
Di-n-octyl phthalate
Concen: 42.794 ng
RT: 22.62 min Scan# 3324
Delta R.T. -0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

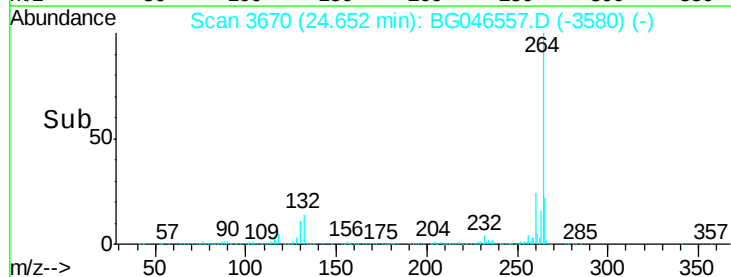
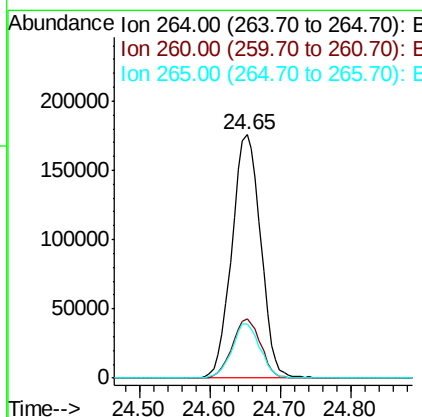
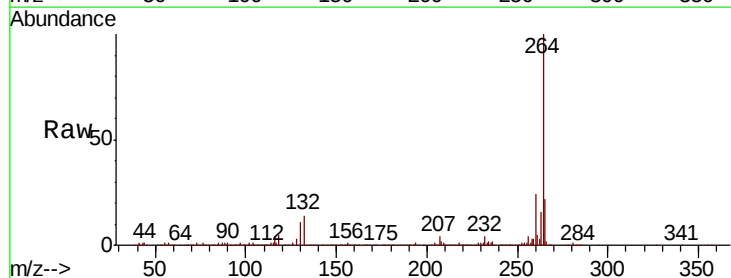
Instrument :
BNA_G
ClientSampleId :
TP-11MSD

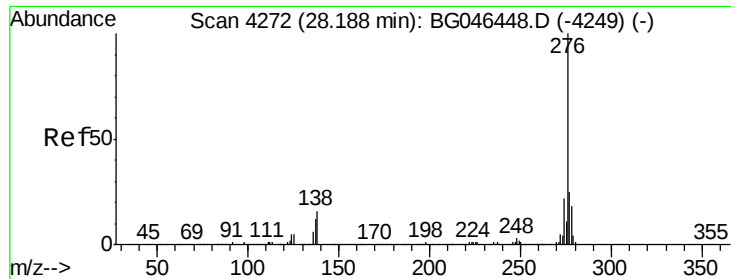
Tot Ion:149 Resp: 1207323
Ion Ratio Lower Upper
149 100
167 1.7 1.5 2.3
43 9.2 7.0 10.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

Tgt Ion:264 Resp: 499312
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 22.1 17.9 26.9



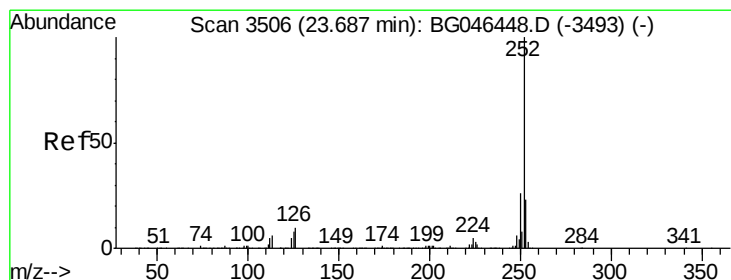
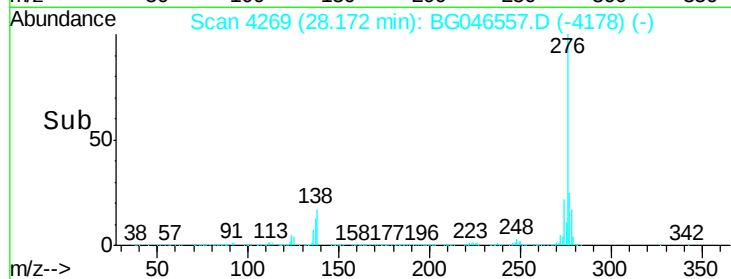
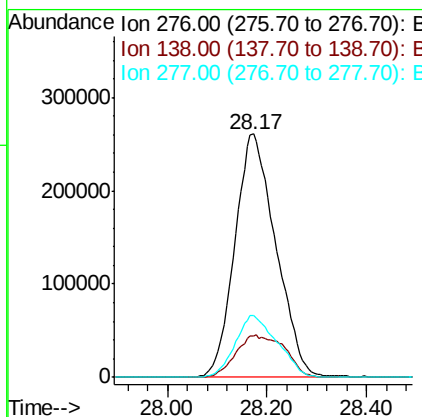
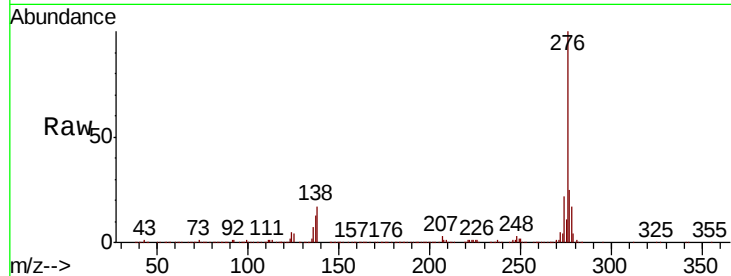


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.587 ng
 RT: 28.17 min Scan# 4269
 Delta R.T. 0.00 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-11MSD

Tot Ion:276 Resp: 1491391

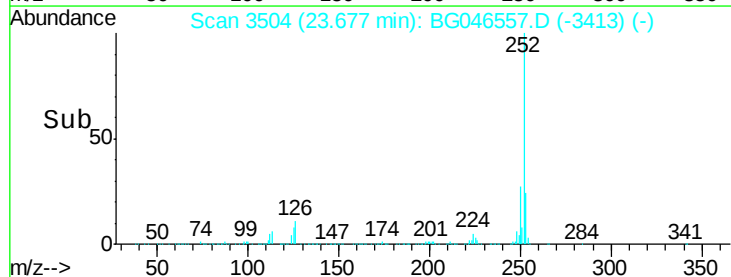
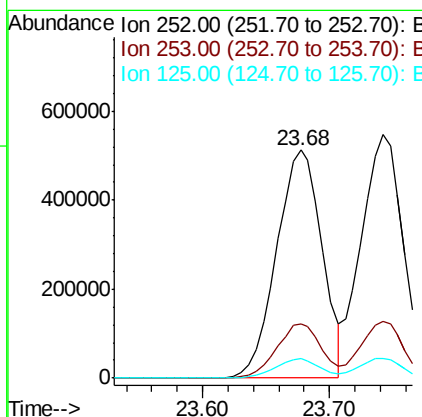
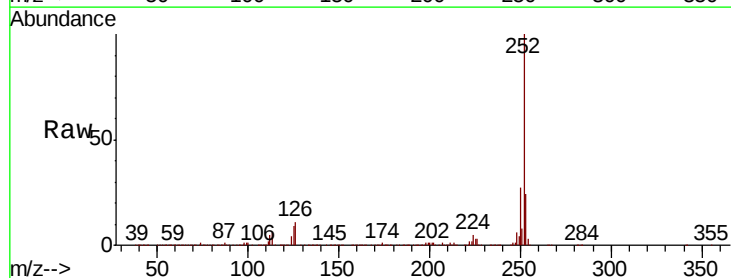
Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.5	24.7
277	26.1	20.7	31.1

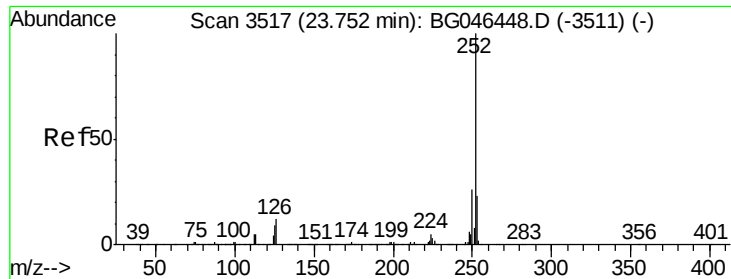


#88
 Benzo(b)fluoranthene
 Concen: 40.952 ng
 RT: 23.68 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: BG046557.D
 Acq: 8 Sep 2020 14:34

Tgt Ion:252 Resp: 1276775

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	8.5	6.2	9.2

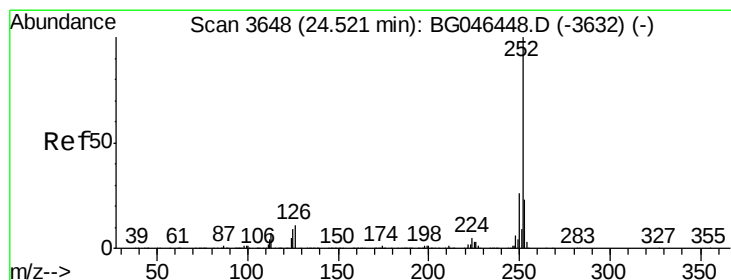
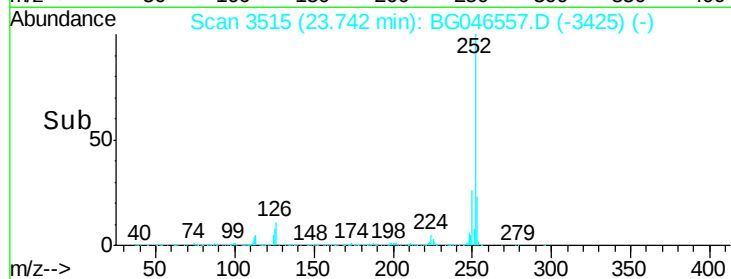
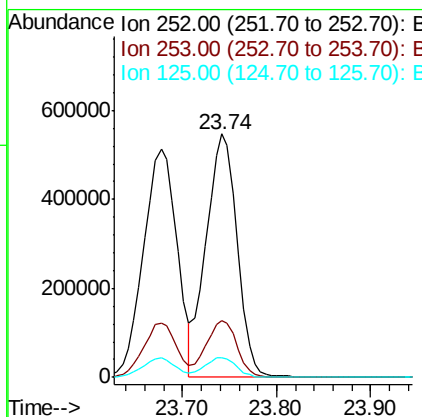
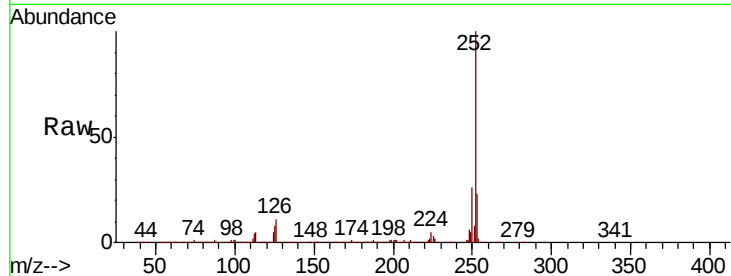




#89
Benzo(k)fluoranthene
Concen: 41.649 ng
RT: 23.74 min Scan# 3515
Delta R.T. -0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

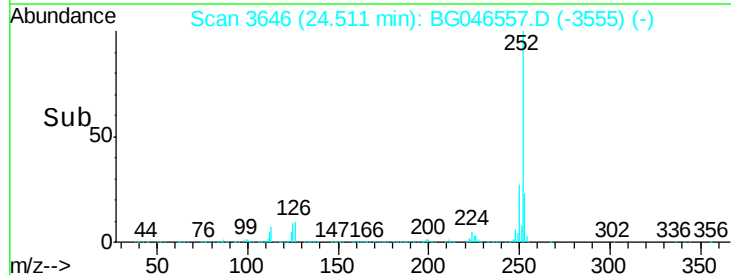
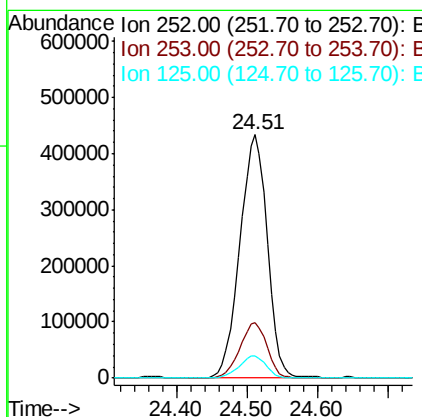
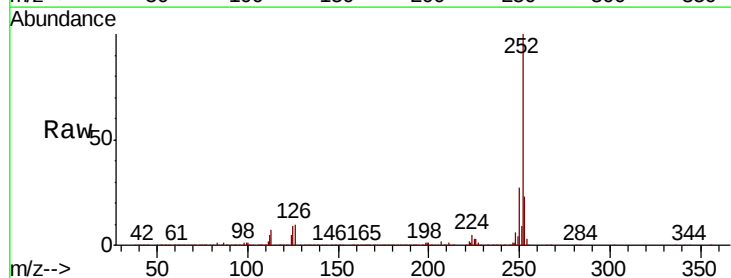
Instrument :
BNA_G
ClientSampleId :
TP-11MSD

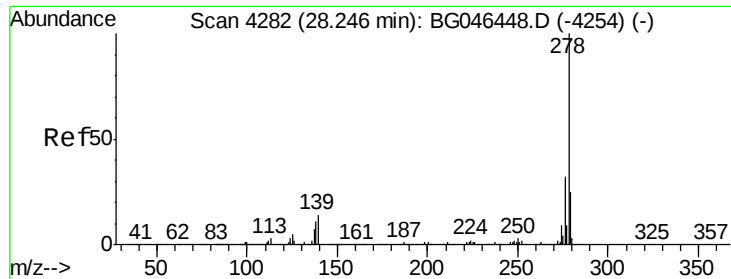
Tot Ion:252 Resp: 1254948
Ion Ratio Lower Upper
252 100
253 23.4 18.5 27.7
125 8.3 6.8 10.2



#90
Benzo(a)pyrene
Concen: 40.276 ng
RT: 24.51 min Scan# 3646
Delta R.T. 0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

Tgt Ion:252 Resp: 1171856
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 8.9 7.4 11.0



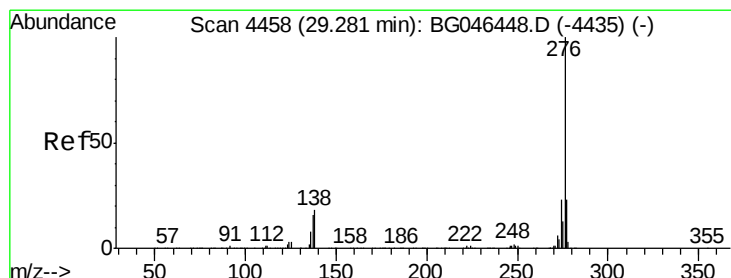
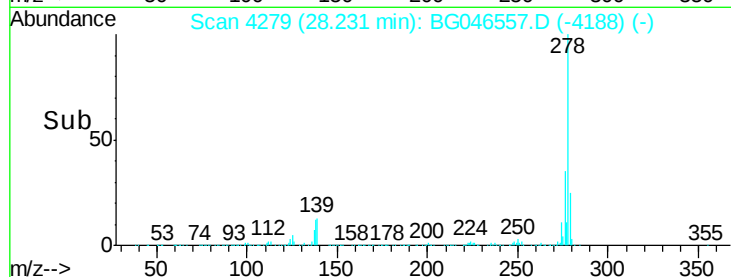
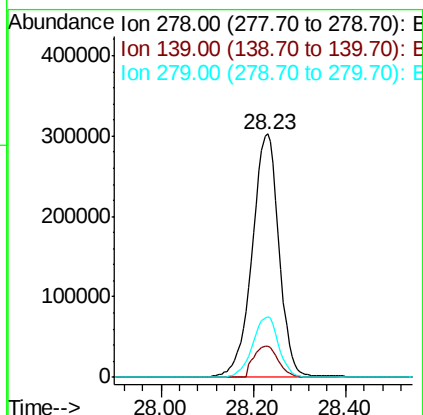
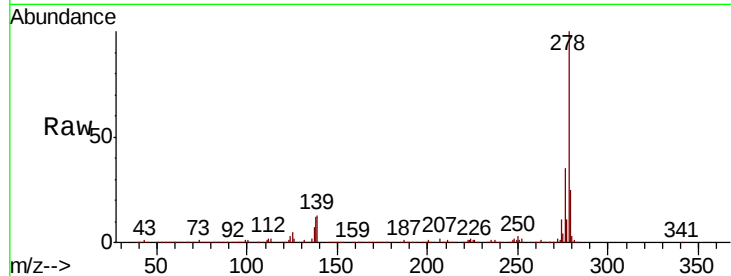


#91
Dibenzo(a,h)anthracene
Concen: 42.297 ng
RT: 28.23 min Scan# 4279
Delta R.T. 0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

Instrument :
BNA_G
ClientSampleId :
TP-11MSD

Tot Ion:278 Resp: 1224034

Ion	Ratio	Lower	Upper
278	100		
139	12.9	11.2	16.8
279	24.7	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 43.097 ng
RT: 29.27 min Scan# 4456
Delta R.T. -0.00 min
Lab File: BG046557.D
Acq: 8 Sep 2020 14:34

Tgt Ion:276 Resp: 1245447

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	17.3	14.7	22.1

