

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081120\
 Data File : BG046219.D
 Acq On : 11 Aug 2020 16:05
 Operator : CG/JU
 Sample : L3624-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-1MS

Quant Time: Aug 11 16:48:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	78839	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	316217	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	232640	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	601206	20.00	ng	0.00
76) Chrysene-d12	21.57	240	608679	20.00	ng	0.00
86) Perylene-d12	24.67	264	666091	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	366990	80.92	ng	0.00
7) Phenol-d6	7.12	99	488862	79.09	ng	0.00
23) Nitrobenzene-d5	9.10	82	318118	54.47	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	319347	89.37	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	832678	51.99	ng	0.00
79) Terphenyl-d14	19.93	244	1509017	50.49	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	73158	35.440	ng	98
3) Pyridine	3.83	79	168226	29.603	ng	93
4) n-Nitrosodimethylamine	3.74	42	93672	38.731	ng	98
6) Aniline	7.27	93	227769	30.957	ng	98
8) 2-Chlorophenol	7.51	128	226765	45.238	ng	98
9) Benzaldehyde	7.09	77	145213	39.592	ng	98
10) Phenol	7.14	94	286542	46.140	ng	96
11) bis(2-Chloroethyl)ether	7.37	93	212305	42.979	ng	99
12) 1,3-Dichlorobenzene	7.84	146	255218	42.005	ng	98
13) 1,4-Dichlorobenzene	7.99	146	254829	41.768	ng	99
14) 1,2-Dichlorobenzene	8.30	146	247435	43.002	ng	99
15) Benzyl Alcohol	8.18	79	194652	45.585	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	331126	40.887	ng	98
17) 2-Methylphenol	8.39	107	199588	47.605	ng	98
18) Hexachloroethane	9.04	117	87349	42.808	ng	98
19) n-Nitroso-di-n-propylamine	8.75	70	169596	42.160	ng	99
20) 3+4-Methylphenols	8.72	107	270323	47.107	ng	98
22) Acetophenone	8.77	105	327297	40.331	ng	# 97
24) Nitrobenzene	9.14	77	240259	38.584	ng	99
25) Isophorone	9.67	82	474771	40.853	ng	99
26) 2-Nitrophenol	9.86	139	133235	47.211	ng	99
27) 2,4-Dimethylphenol	9.92	122	217005	47.263	ng	99
28) bis(2-Chloroethoxy)methane	10.15	93	291482	46.127	ng	99
29) 2,4-Dichlorophenol	10.39	162	252908	46.826	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	259337	40.988	ng	98
31) Naphthalene	10.80	128	675082	40.348	ng	100
32) Benzoic acid	10.04	122	85531	29.781	ng	96
33) 4-Chloroaniline	10.90	127	153962	22.518	ng	98
34) Hexachlorobutadiene	11.09	225	168615	40.032	ng	96
35) Caprolactam	11.67	113	53312	30.157	ng	95
36) 4-Chloro-3-methylphenol	12.03	107	261183	49.277	ng	97
37) 2-Methylnaphthalene	12.40	142	543646	42.227	ng	99
38) 1-Methylnaphthalene	12.62	142	516394	42.387	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	315942	37.693	ng	99

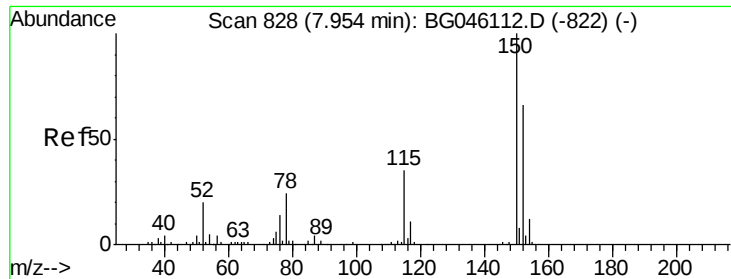
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081120\
 Data File : BG046219.D
 Acq On : 11 Aug 2020 16:05
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	431197	89.685	ng	99
43) 2,4,6-Trichlorophenol	13.01	196	239825	44.846	ng	97
44) 2,4,5-Trichlorophenol	13.08	196	264243	45.287	ng	96
46) 1,1'-Biphenyl	13.41	154	718747	39.384	ng	98
47) 2-Chloronaphthalene	13.45	162	561142	38.547	ng	99
48) 2-Nitroaniline	13.65	65	169923	44.532	ng	97
49) Acenaphthylene	14.30	152	913795	40.425	ng	99
50) Dimethylphthalate	14.03	163	844588	47.301	ng	99
51) 2,6-Dinitrotoluene	14.14	165	178514	42.958	ng	93
52) Acenaphthene	14.64	154	612944	41.085	ng	97
53) 3-Nitroaniline	14.47	138	115076	27.933	ng	99
54) 2,4-Dinitrophenol	14.68	184	124261	50.095	ng	96
55) Dibenzofuran	14.98	168	901608	40.051	ng	99
56) 4-Nitrophenol	14.79	139	345251	96.526	ng	98
57) 2,4-Dinitrotoluene	14.94	165	264048	46.215	ng	92
58) Fluorene	15.62	166	761491	41.770	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	283651	51.610	ng	98
60) Diethylphthalate	15.40	149	803321	45.735	ng	99
61) 4-Chlorophenyl-phenylether	15.62	204	416506	43.743	ng	96
62) 4-Nitroaniline	15.64	138	202820	48.951	ng	99
63) Azobenzene	15.91	77	679271	41.264	ng	97
65) 4,6-Dinitro-2-methylphenol	15.70	198	142287	35.786	ng	91
66) n-Nitrosodiphenylamine	15.83	169	717137	39.406	ng	98
67) 4-Bromophenyl-phenylether	16.51	248	308314	41.510	ng	98
68) Hexachlorobenzene	16.63	284	339545	40.769	ng	97
69) Atrazine	16.78	200	281855	40.221	ng	100
70) Pentachlorophenol	16.97	266	448632	83.021	ng	100
71) Phenanthrene	17.36	178	1303578	39.583	ng	100
72) Anthracene	17.45	178	1346523	41.106	ng	99
73) Carbazole	17.71	167	1258085	39.829	ng	99
74) Di-n-butylphthalate	18.29	149	1449015	43.887	ng	99
75) Fluoranthene	19.37	202	1637670	39.831	ng	100
77) Benzidine	19.54	184	855127	49.598	ng	99
78) Pyrene	19.73	202	1629019	39.832	ng	99
80) Butylbenzylphthalate	20.62	149	665326	44.909	ng	99
81) Benzo(a)anthracene	21.55	228	1628993	39.992	ng	99
82) 3,3'-Dichlorobenzidine	21.46	252	436505	25.806	ng	98
83) Chrysene	21.61	228	1547600	38.785	ng	98
84) Bis(2-ethylhexyl)phthalate	21.48	149	928091	43.818	ng	99
85) Di-n-octyl phthalate	22.65	149	1605242	44.762	ng	99
87) Indeno(1,2,3-cd)pyrene	28.18	276	2124196	41.815	ng	# 96
88) Benzo(b)fluoranthene	23.69	252	1787282	40.041	ng	99
89) Benzo(k)fluoranthene	23.76	252	1719493	39.275	ng	99
90) Benzo(a)pyrene	24.53	252	1650047	39.727	ng	99
91) Dibenzo(a,h)anthracene	28.26	278	1734267	40.838	ng	98
92) Benzo(g,h,i)perylene	29.30	276	1779522	41.492	ng	99

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

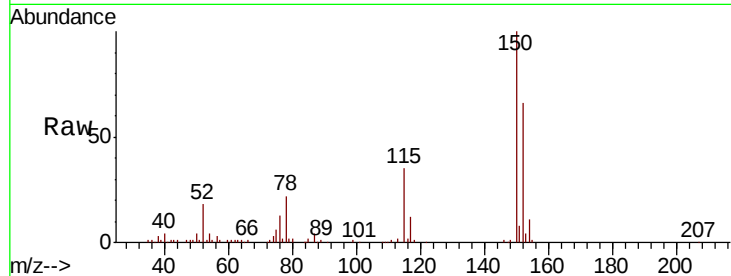


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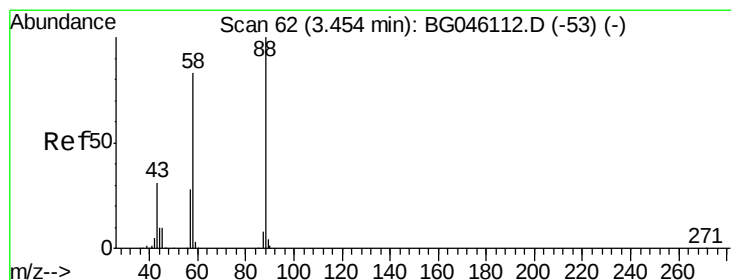
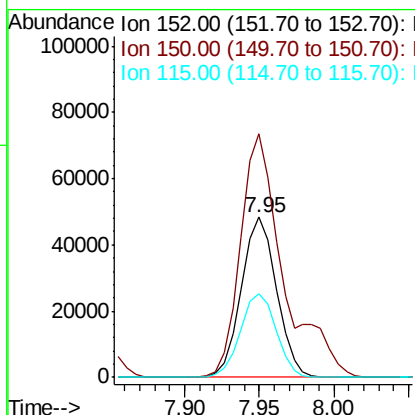
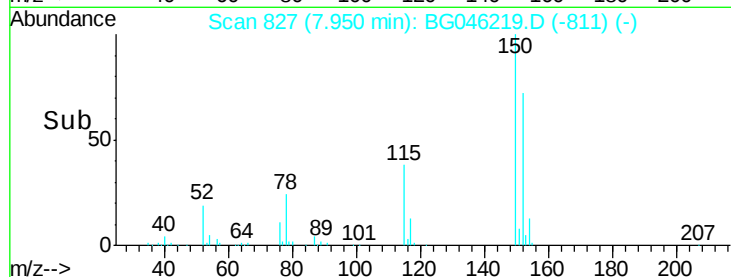
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

Tot Ion:152 Resp: 78839
Ion Ratio Lower Upper
152 100
150 152.1 122.1 183.1
115 52.6 43.2 64.8



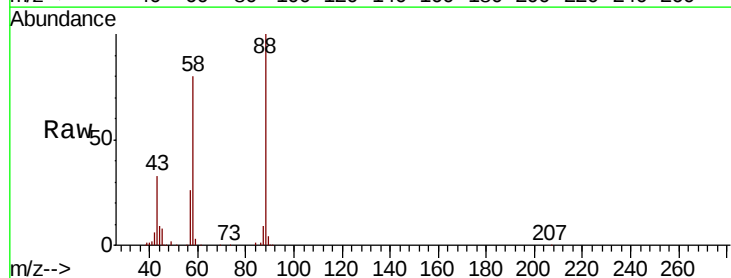
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



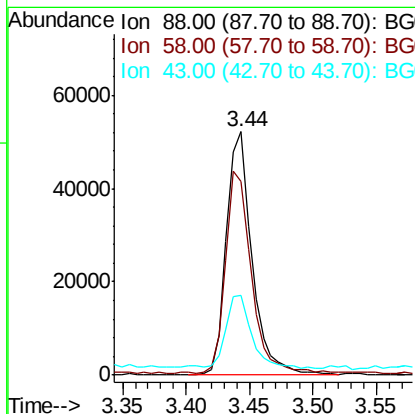
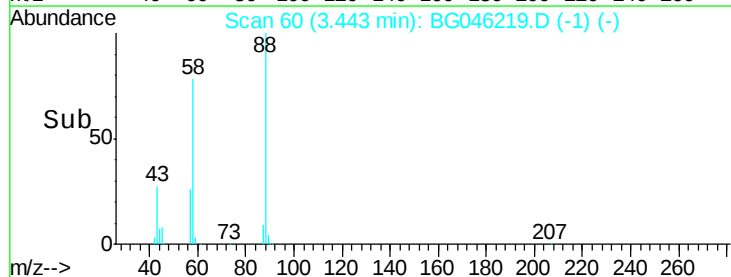
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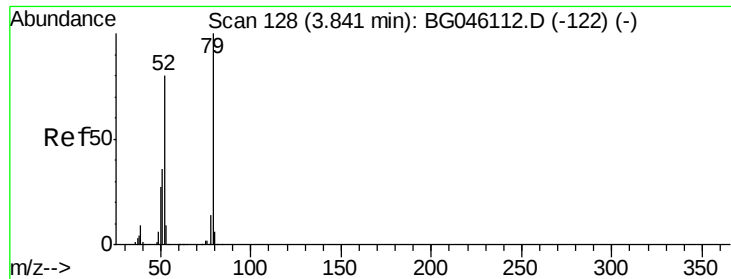
1,4-Dioxane
Concen: 35.440 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.01 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion: 88 Resp: 73158
Ion Ratio Lower Upper
88 100
58 84.1 66.5 99.7
43 31.4 23.8 35.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 29.603 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.01 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampleId :

SS-TP-1MS

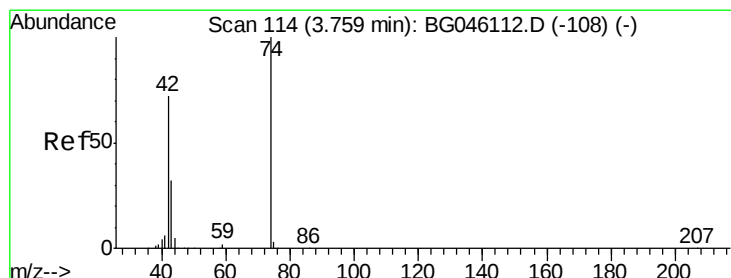
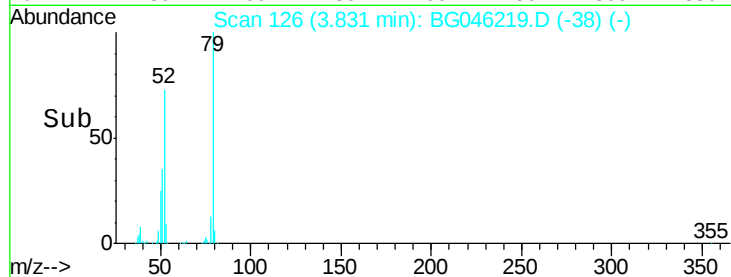
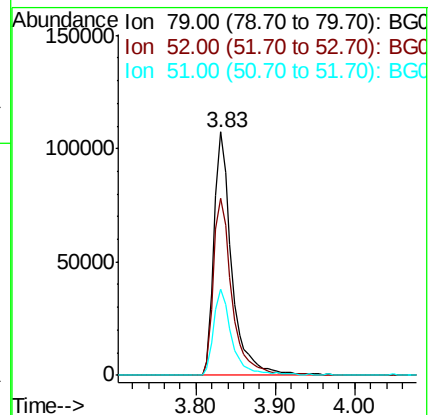
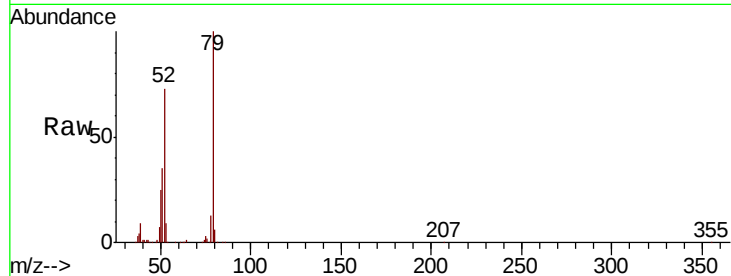
Tot Ion: 79 Resp: 168226

Ion Ratio Lower Upper

79 100

52 72.8 64.3 96.5

51 35.5 29.8 44.6



#4

n-Nitrosodimethylamine

Concen: 38.731 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.02 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

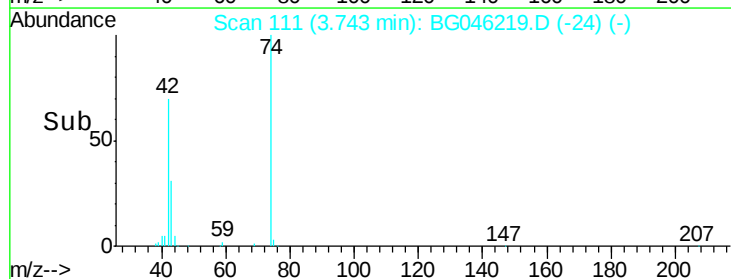
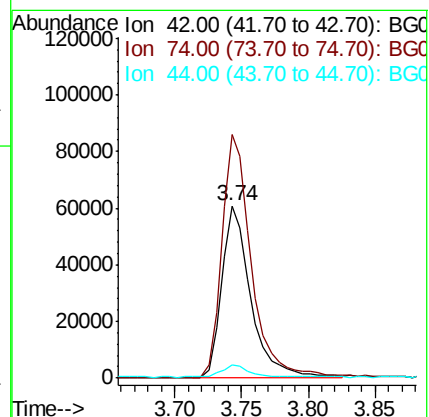
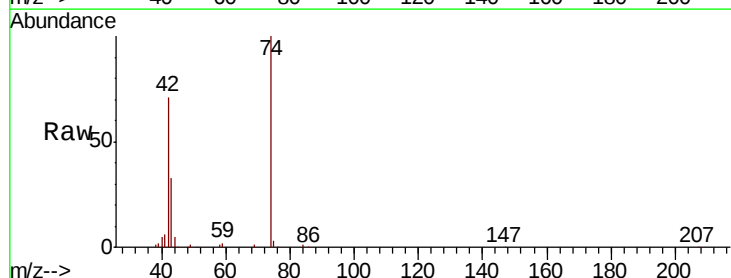
Tgt Ion: 42 Resp: 93672

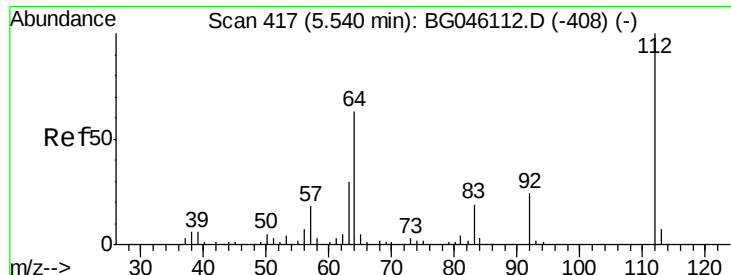
Ion Ratio Lower Upper

42 100

74 141.5 111.6 167.4

44 7.7 5.7 8.5





#5

2-Fluorophenol

Concen: 80.920 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampleId :

SS-TP-1MS

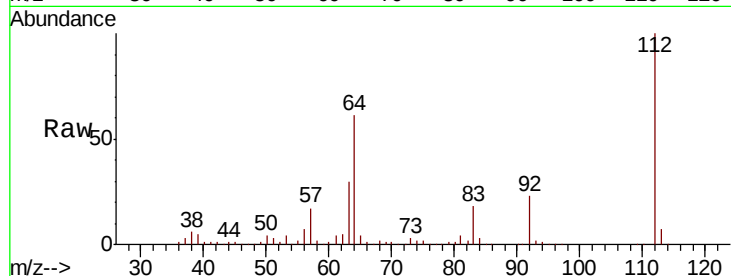
Tot Ion:112 Resp: 366990

Ion Ratio Lower Upper

112 100

64 61.2 50.2 75.2

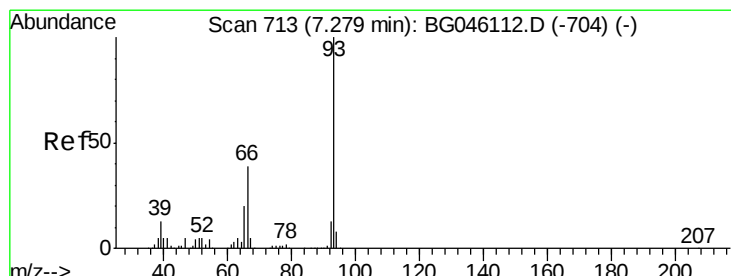
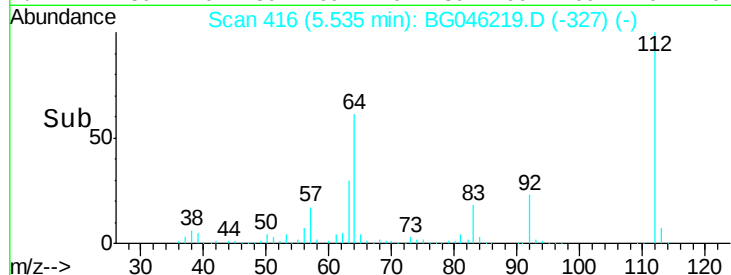
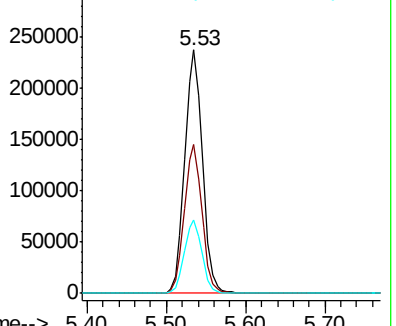
63 30.2 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 30.957 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

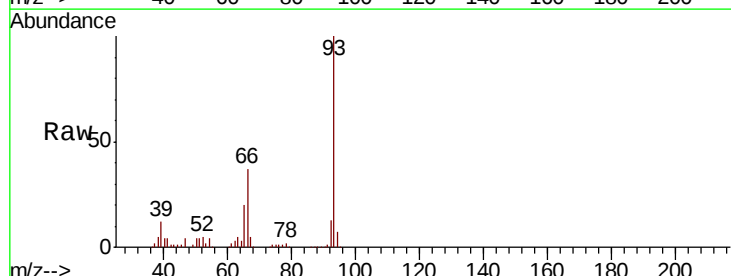
Tgt Ion: 93 Resp: 227769

Ion Ratio Lower Upper

93 100

66 37.1 31.0 46.4

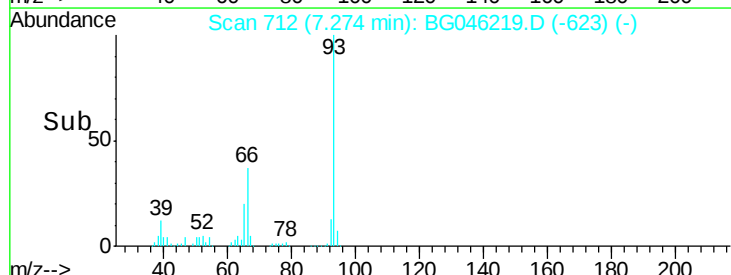
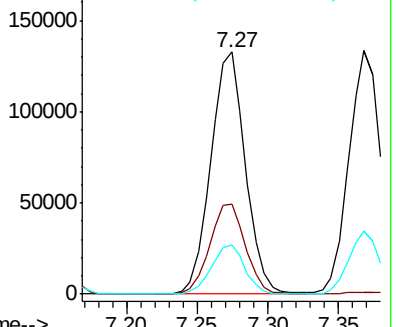
65 20.3 15.9 23.9

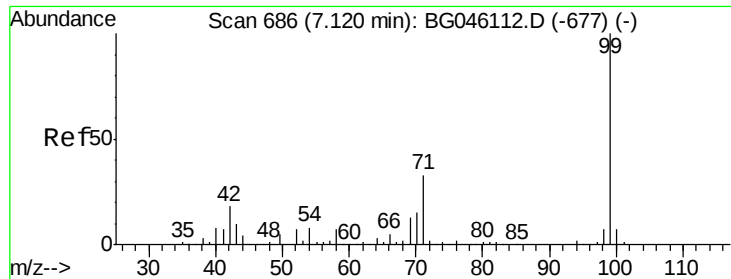


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 79.092 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampleId :

SS-TP-1MS

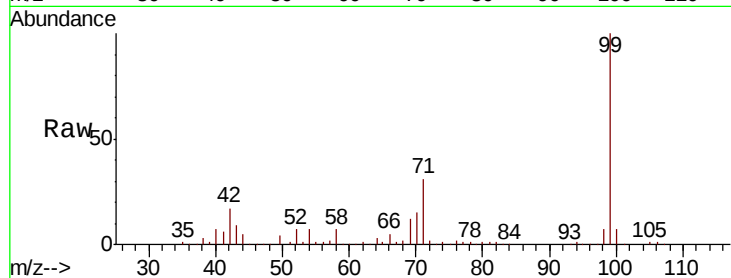
Tot Ion: 99 Resp: 488862

Ion Ratio Lower Upper

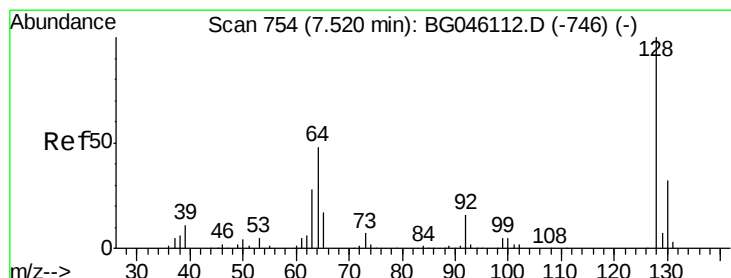
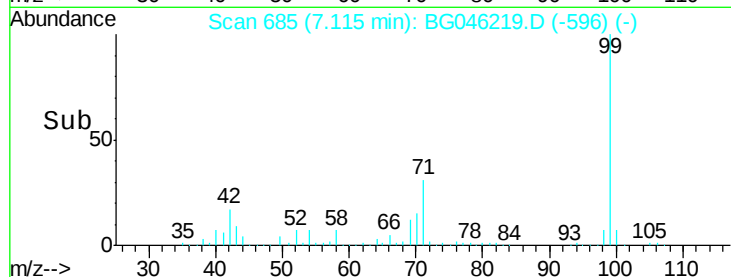
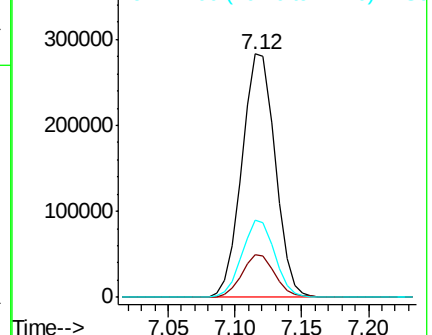
99 100

42 17.3 14.7 22.1

71 31.5 26.5 39.7



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: 45.238 ng

RT: 7.51 min Scan# 753

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

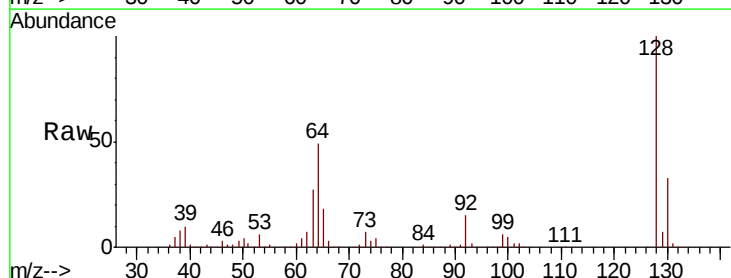
Tgt Ion: 128 Resp: 226765

Ion Ratio Lower Upper

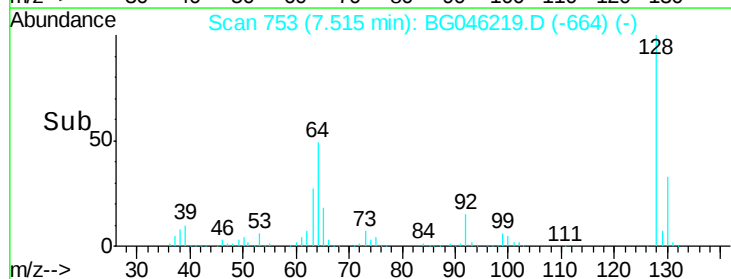
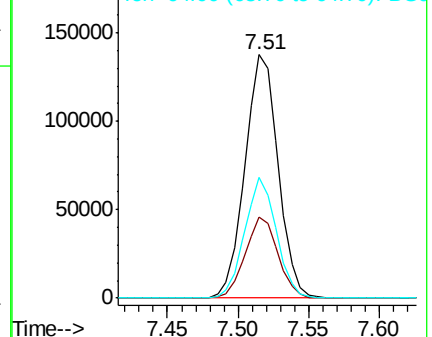
128 100

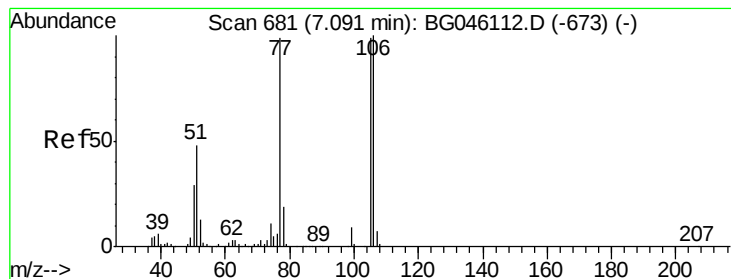
130 33.5 11.6 51.6

64 49.5 30.6 70.6



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: 39.592 ng

RT: 7.09 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampleId :

SS-TP-1MS

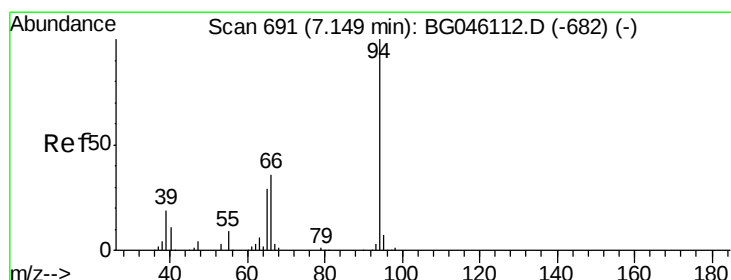
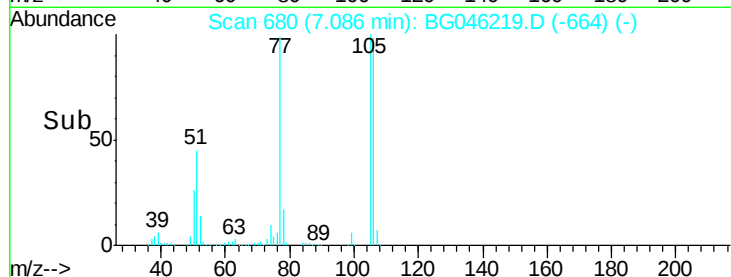
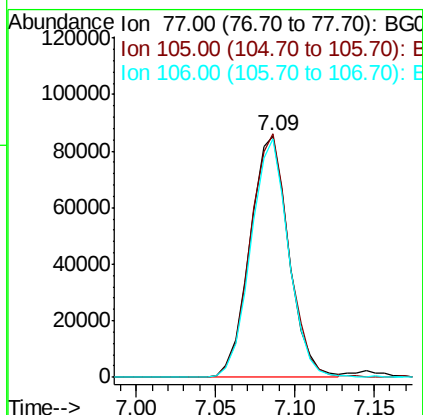
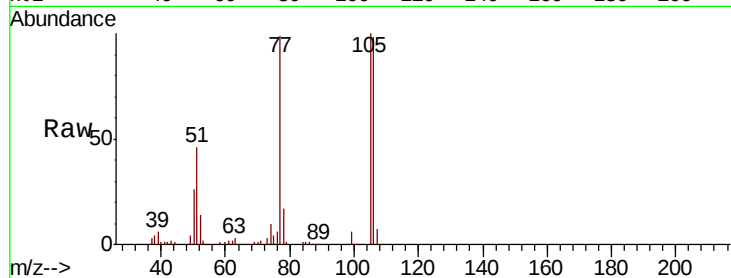
Tot Ion: 77 Resp: 145213

Ion Ratio Lower Upper

77 100

105 101.0 80.3 120.3

106 98.8 81.5 121.5



#10

Phenol

Concen: 46.140 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

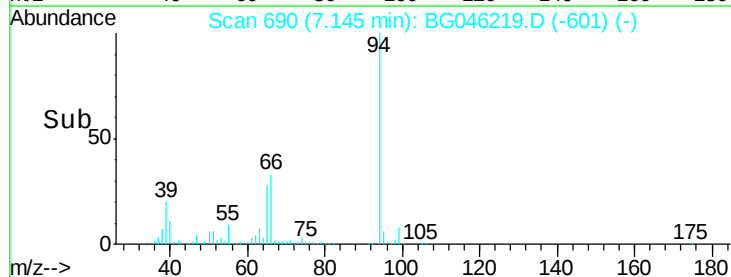
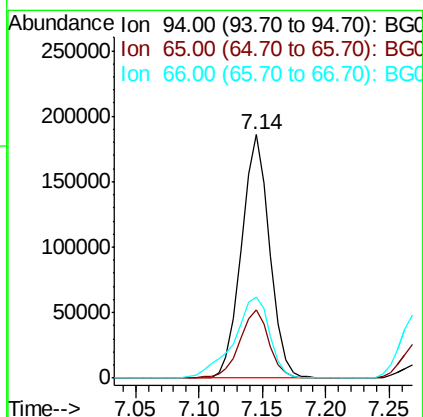
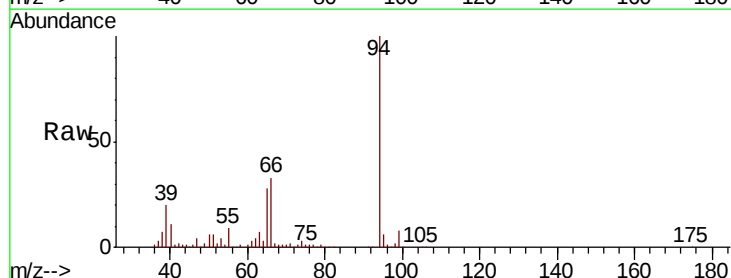
Tgt Ion: 94 Resp: 286542

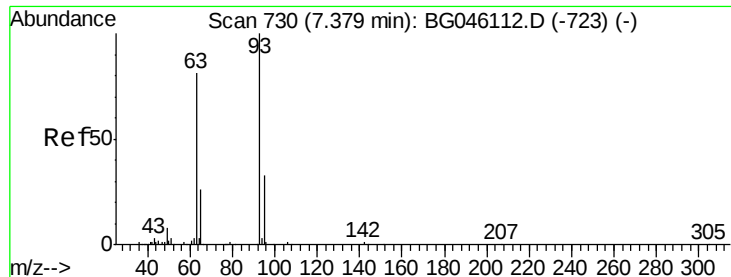
Ion Ratio Lower Upper

94 100

65 28.0 9.6 49.6

66 33.1 16.3 56.3

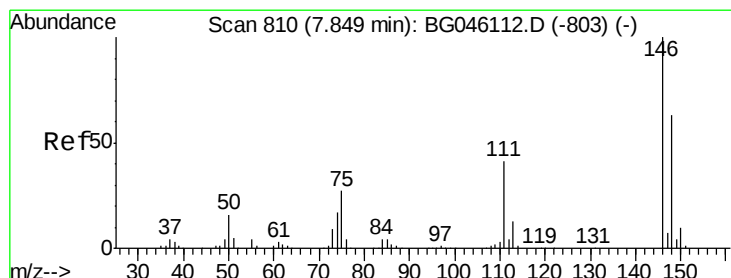
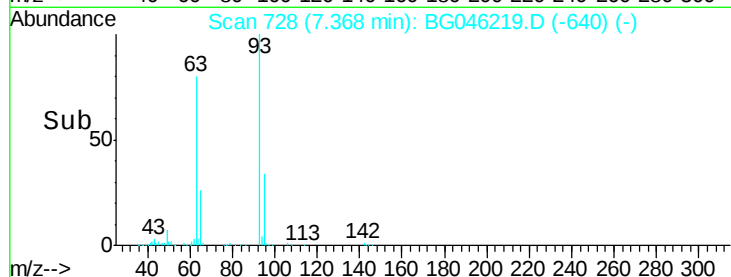
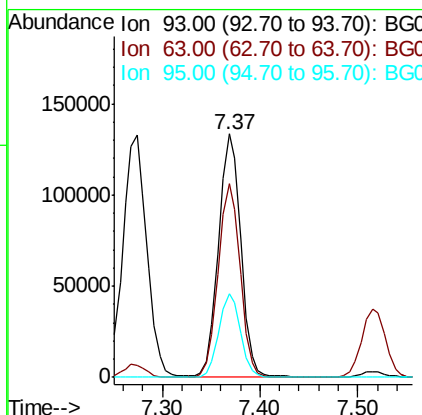
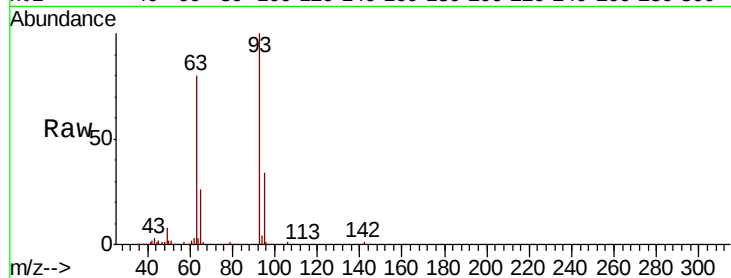




#11
bis(2-Chloroethyl)ether
Concen: 42.979 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

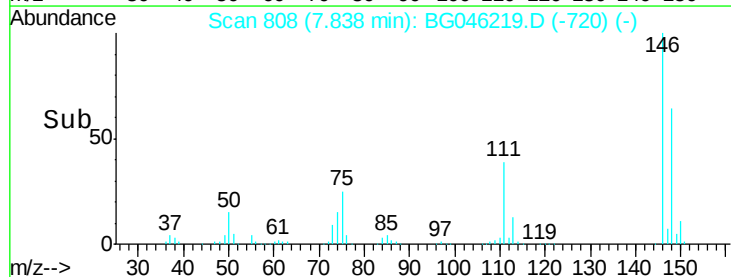
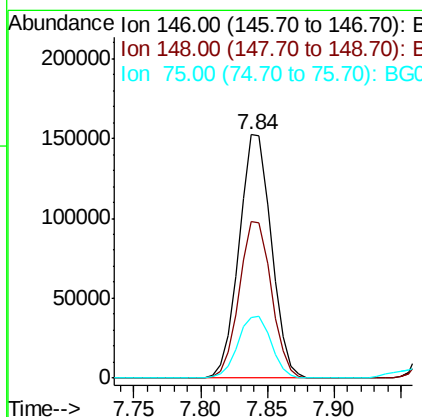
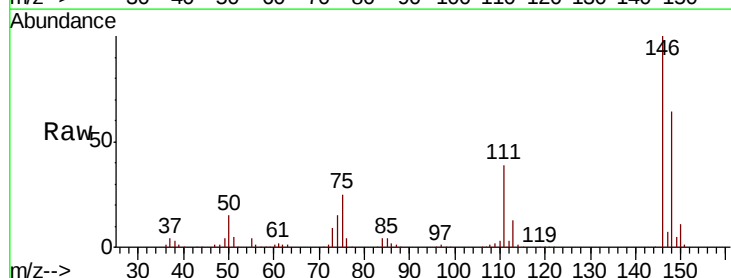
Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

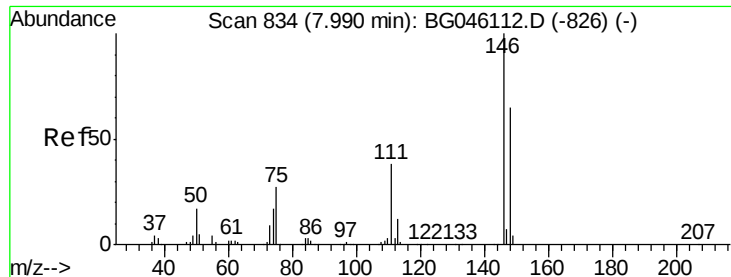
Tot Ion:	93	Resp:	212305
Ion	Ratio	Lower	Upper
93	100		
63	79.8	60.0	100.0
95	34.2	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 42.005 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion:	146	Resp:	255218
Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.5	75.7
75	25.1	21.6	32.4





#13

1,4-Dichlorobenzene

Concen: 41.768 ng

RT: 7.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampleId :

SS-TP-1MS

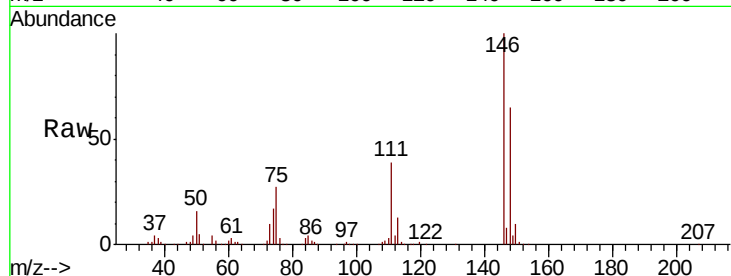
Tot Ion:146 Resp: 254829

Ion Ratio Lower Upper

146 100

148 65.3 51.8 77.6

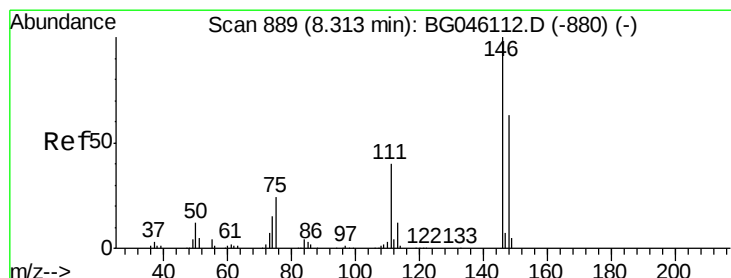
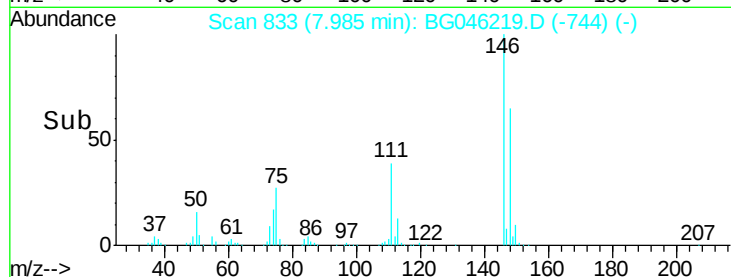
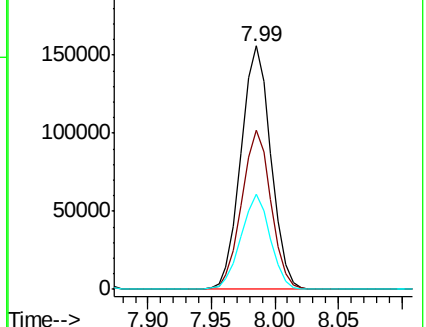
111 38.9 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.002 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

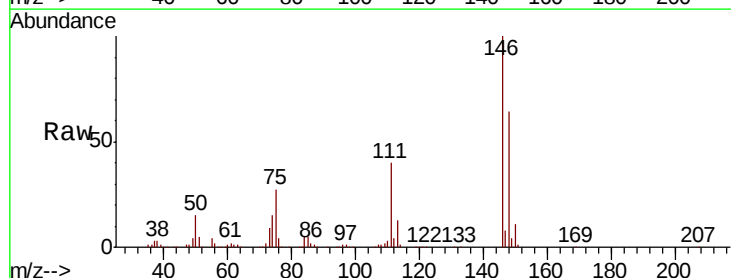
Tgt Ion:146 Resp: 247435

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

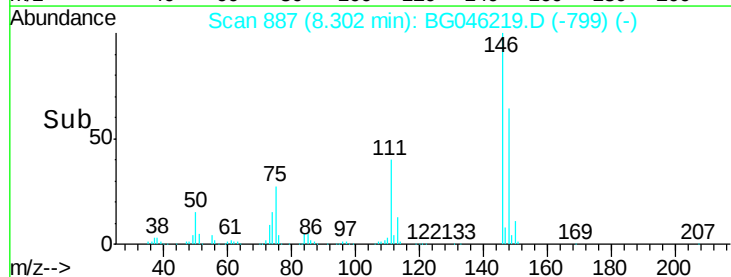
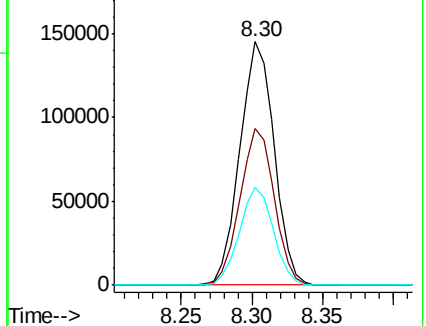
111 40.0 32.4 48.6

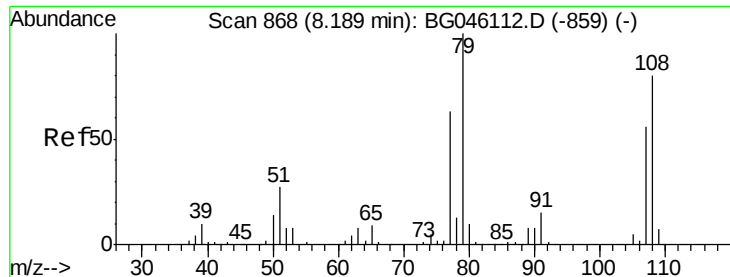


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.585 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampleId :

SS-TP-1MS

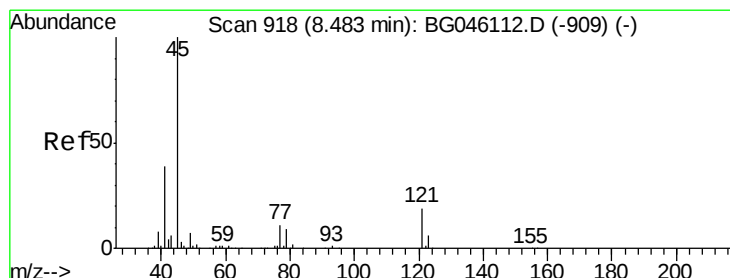
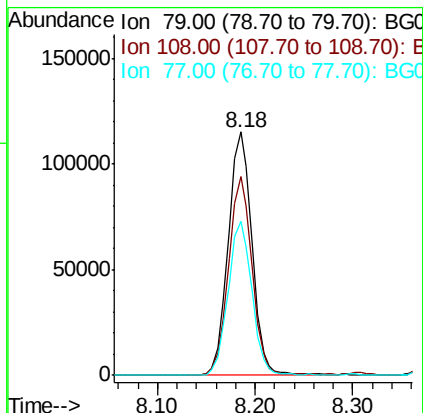
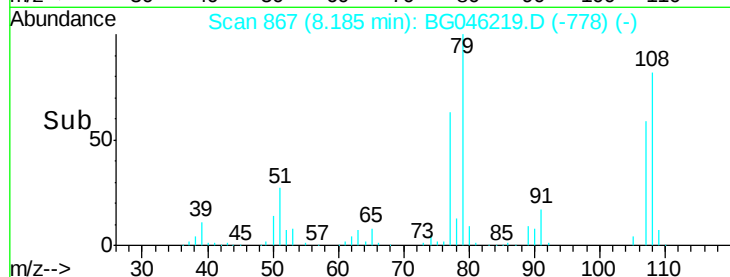
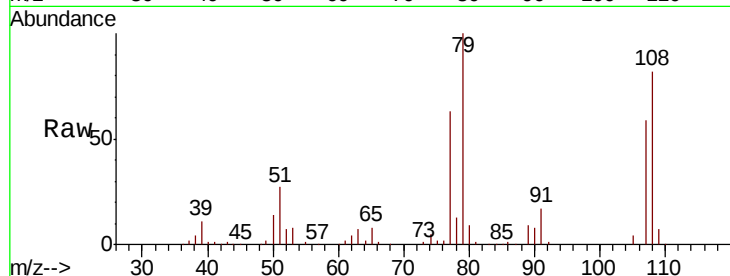
Tot Ion: 79 Resp: 194652

Ion Ratio Lower Upper

79 100

108 81.9 64.1 96.1

77 63.1 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.887 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

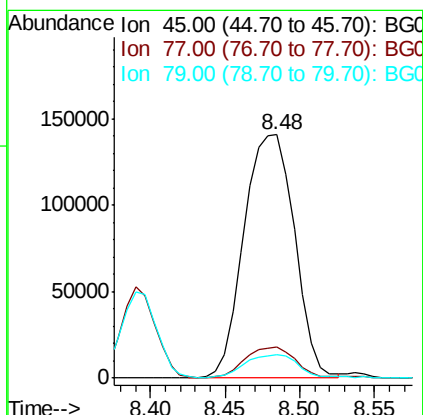
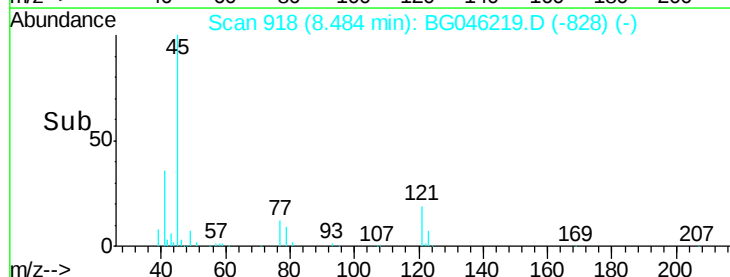
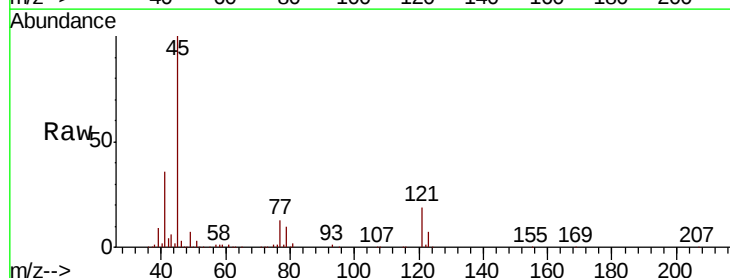
Tgt Ion: 45 Resp: 331126

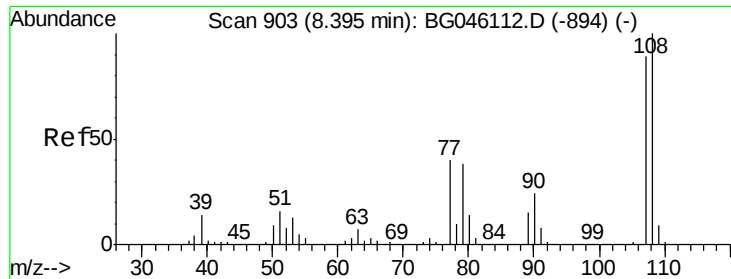
Ion Ratio Lower Upper

45 100

77 12.8 0.0 31.9

79 9.7 0.0 29.5

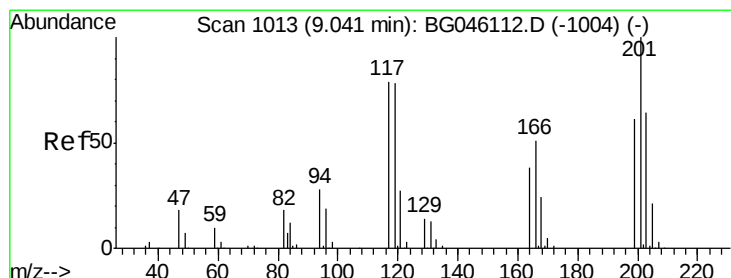
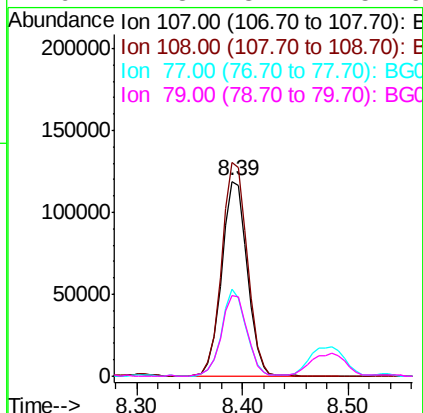
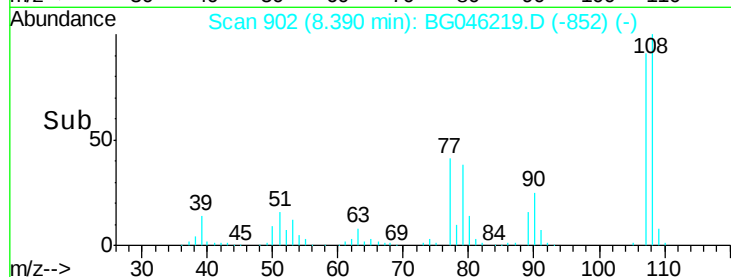
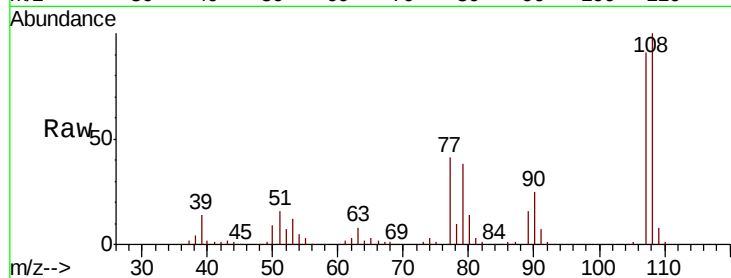




#17
2-Methylphenol
Concen: 47.605 ng
RT: 8.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

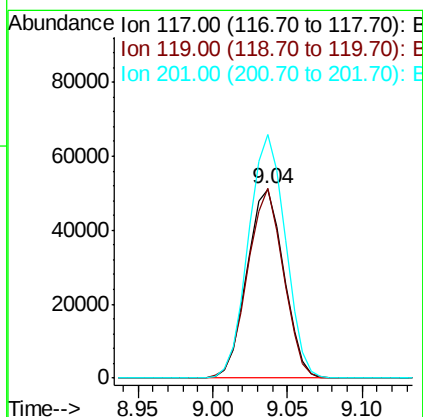
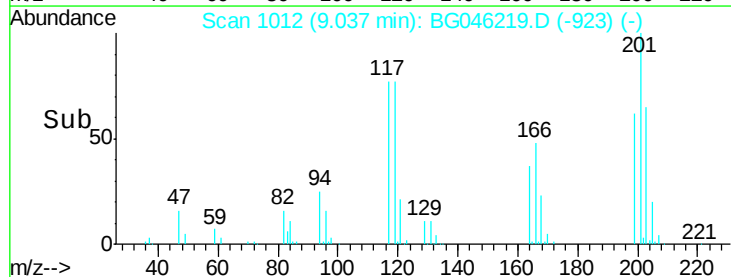
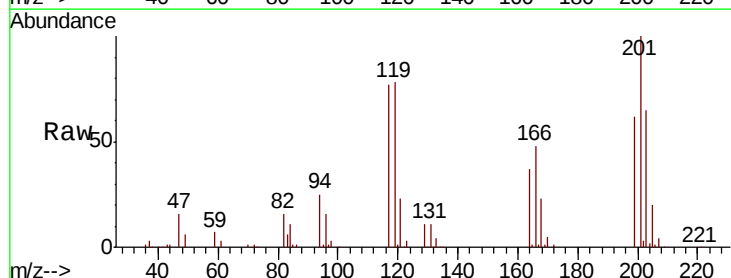
Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

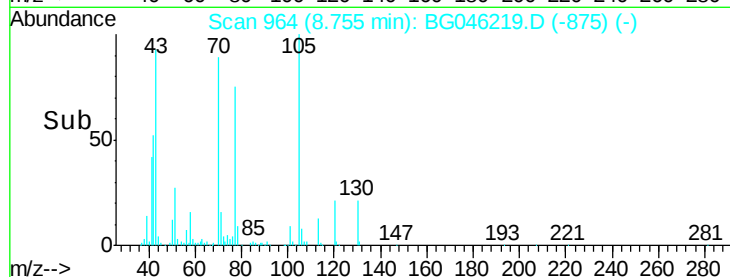
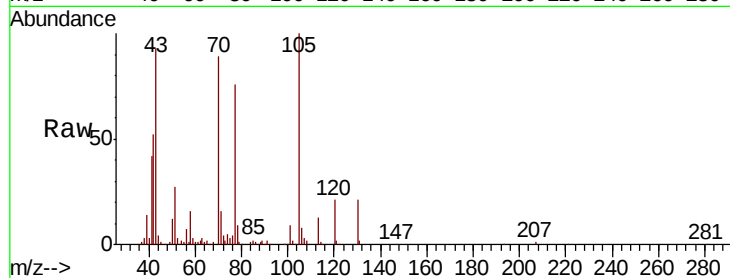
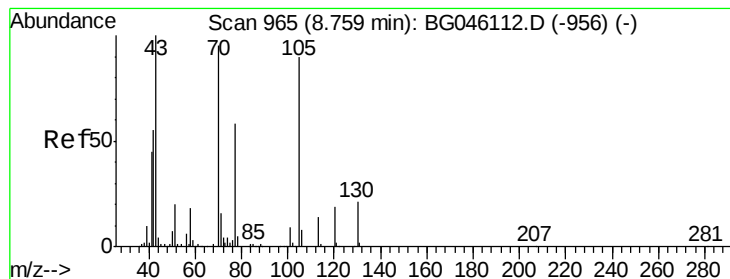
Tot Ion:	107	Resp:	199588
Ion	Ratio	Lower	Upper
107	100		
108	109.8	90.0	135.0
77	44.6	35.6	53.4
79	41.8	34.4	51.6



#18
Hexachloroethane
Concen: 42.808 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion:	117	Resp:	87349
Ion	Ratio	Lower	Upper
117	100		
119	100.4	78.5	117.7
201	129.1	101.0	151.4





#19

n-Nitroso-di-n-propylamine

Concen: 42.160 ng

RT: 8.75 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampleId :

SS-TP-1MS

Tot Ion: 70 Resp: 169596

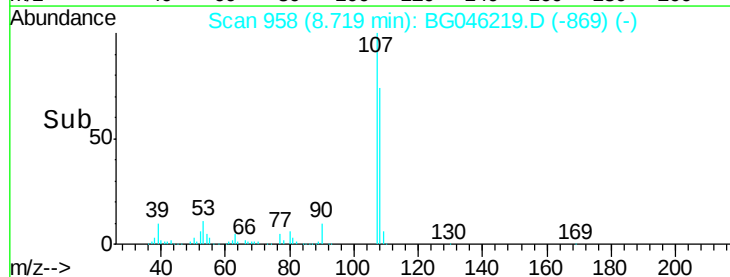
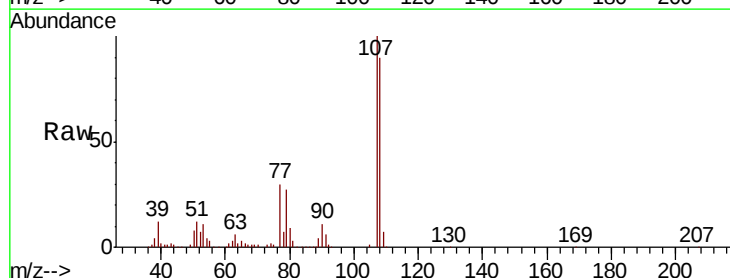
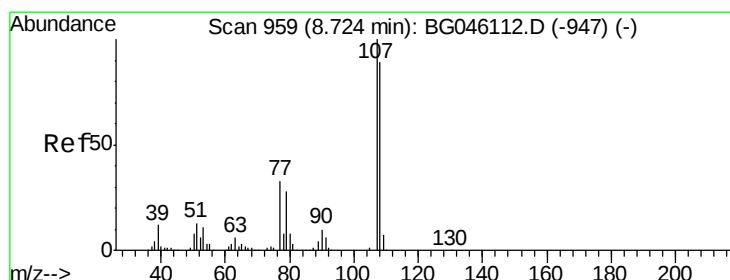
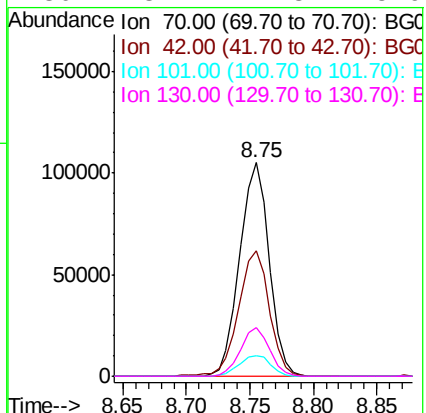
Ion Ratio Lower Upper

70 100

42 58.7 46.5 69.7

101 9.6 7.6 11.4

130 23.1 17.3 25.9



#20

3+4-Methylphenols

Concen: 47.107 ng

RT: 8.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Tgt Ion: 107 Resp: 270323

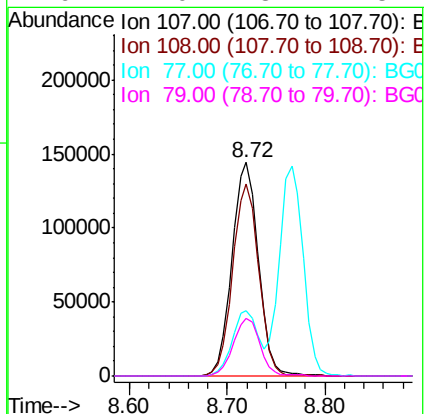
Ion Ratio Lower Upper

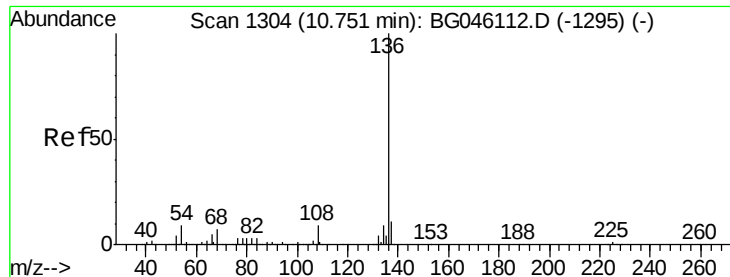
107 100

108 89.7 69.1 109.1

77 30.5 12.5 52.5

79 27.0 8.4 48.4

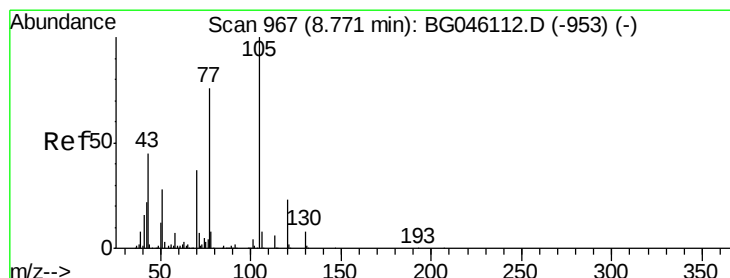
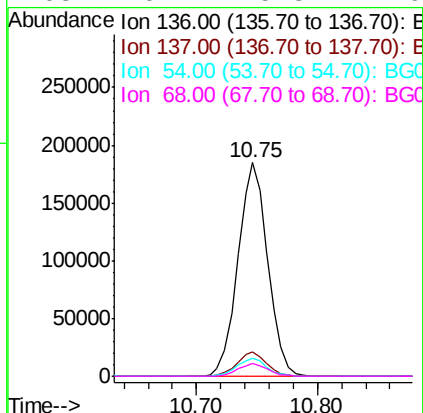
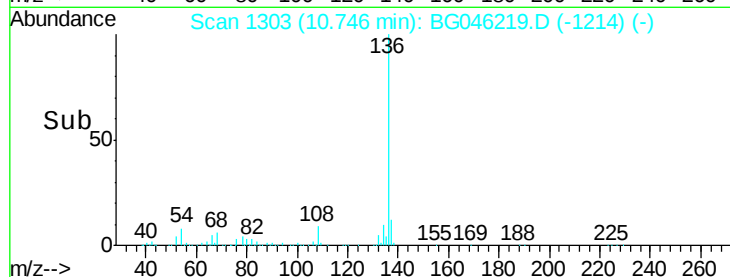
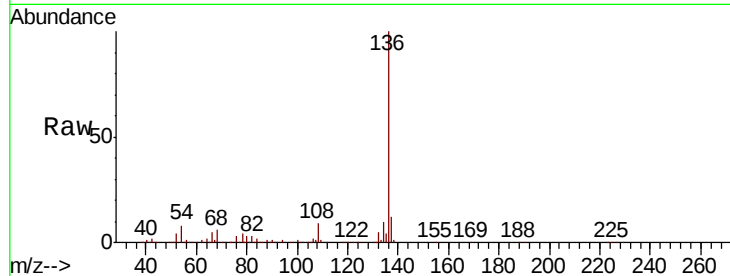




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

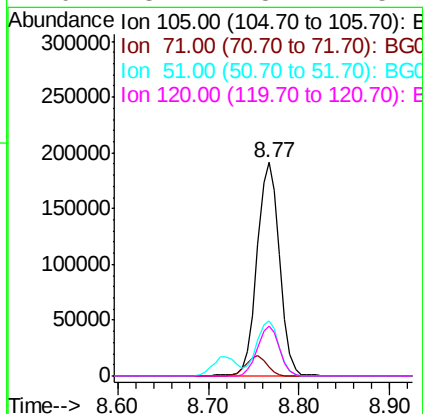
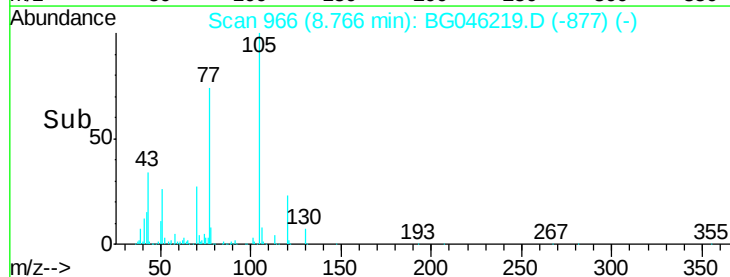
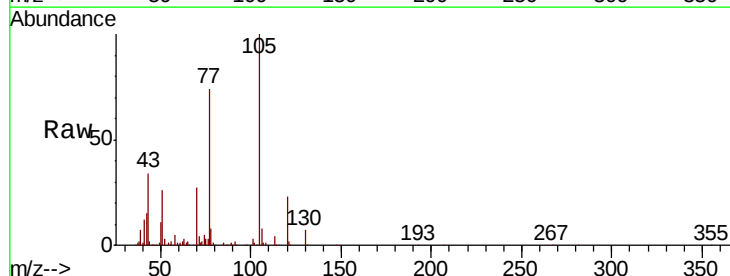
Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

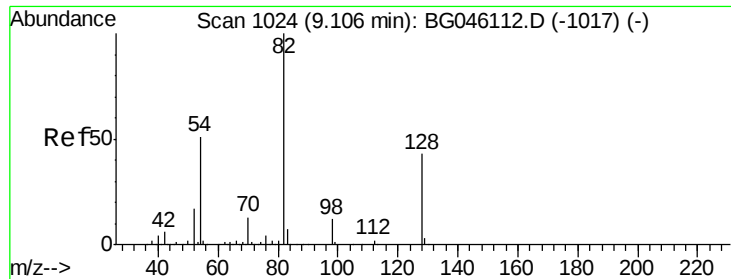
Tot Ion:136	Resp:	316217
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.8	13.2
54 8.3	7.0	10.4
68 6.1	5.3	7.9



#22
Acetophenone
Concen: 40.331 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt	Ion:105	Resp:	327297
Ion	Ratio	Lower	Upper
105	100		
71	4.4	5.3	7.9#
51	25.9	22.7	34.1
120	23.2	18.7	28.1

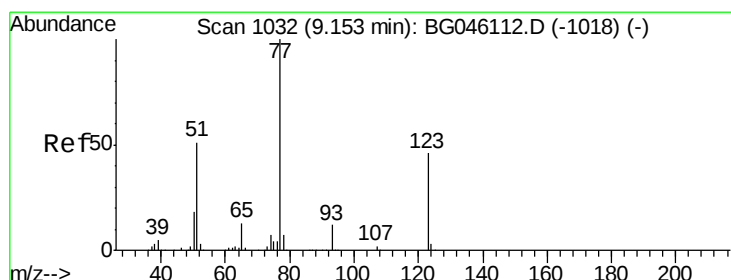
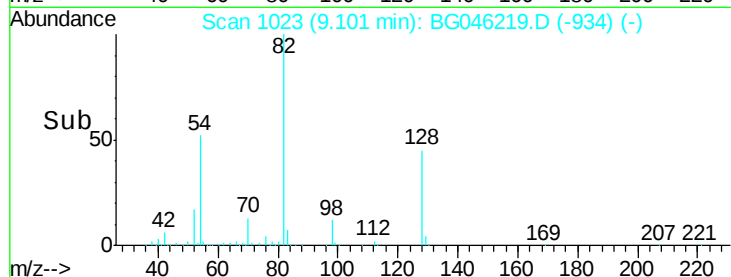
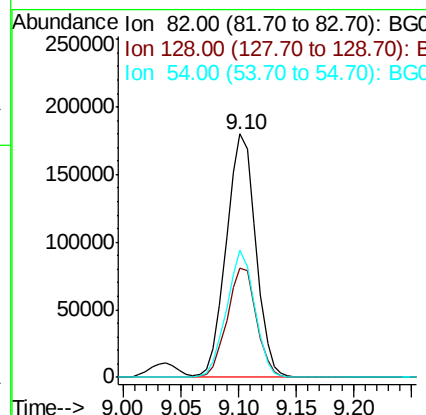
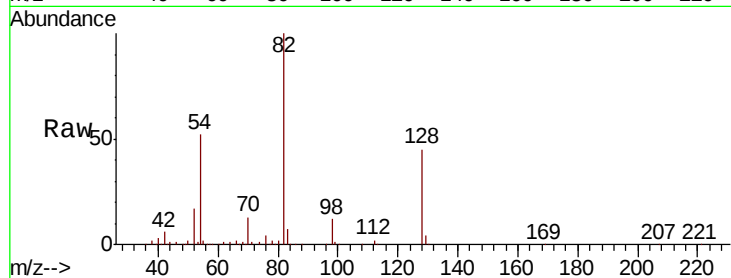




#23
 Nitrobenzene-d5
 Concen: 54.468 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

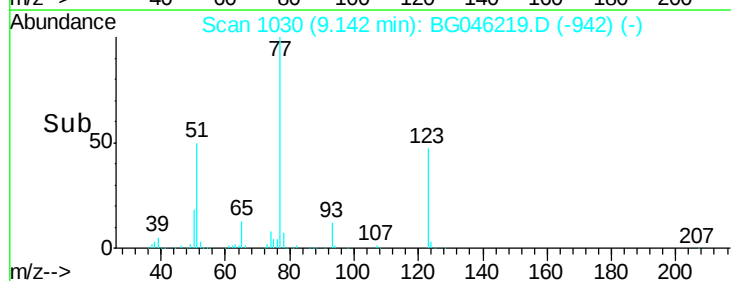
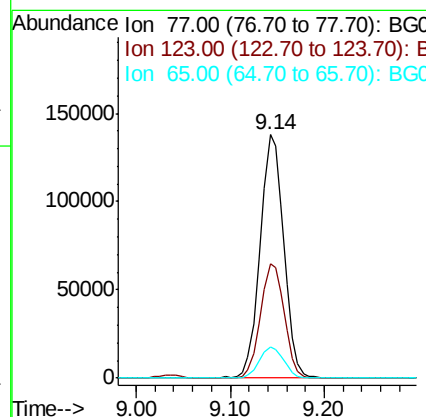
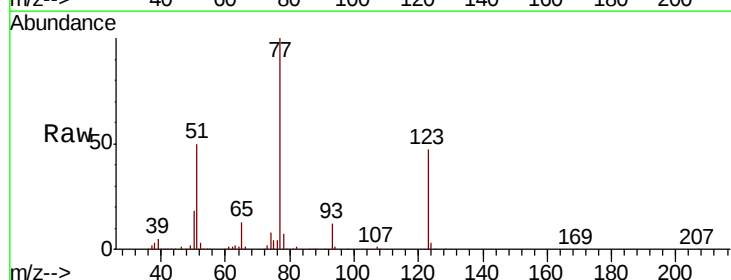
Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-1MS

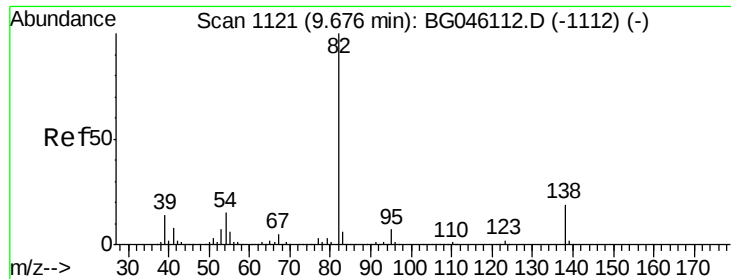
Tot Ion	82	Resp	318118
Ion Ratio	Lower	Upper	
82	100		
128	45.1	34.4	51.6
54	52.1	40.8	61.2



#24
 Nitrobenzene
 Concen: 38.584 ng
 RT: 9.14 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Tgt Ion	77	Resp	240259
Ion Ratio	Lower	Upper	
77	100		
123	47.0	36.8	55.2
65	12.6	10.2	15.2





#25

Isophorone

Concen: 40.853 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampleId :

SS-TP-1MS

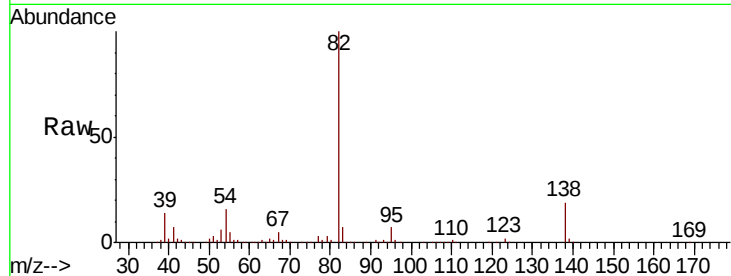
Tot Ion: 82 Resp: 474771

Ion Ratio Lower Upper

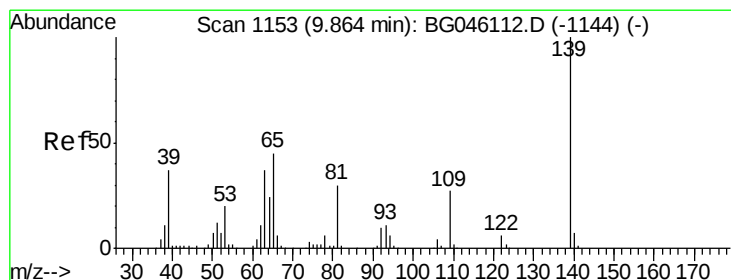
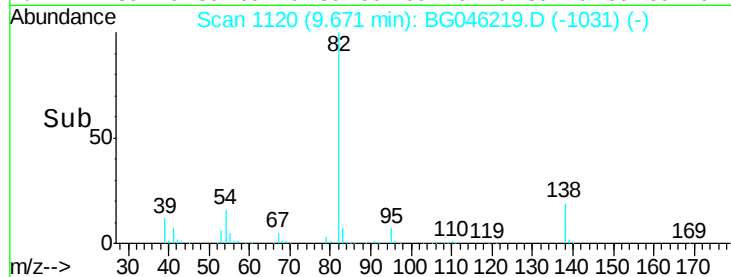
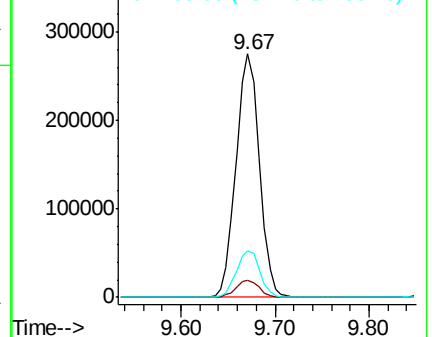
82 100

95 7.1 5.5 8.3

138 19.4 15.3 22.9



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: 47.211 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

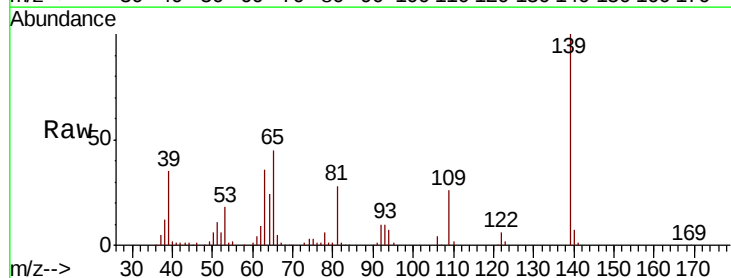
Tgt Ion: 139 Resp: 133235

Ion Ratio Lower Upper

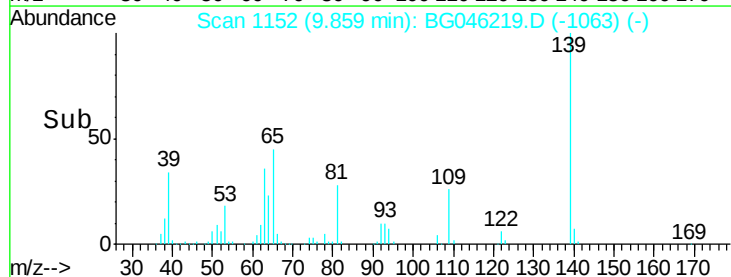
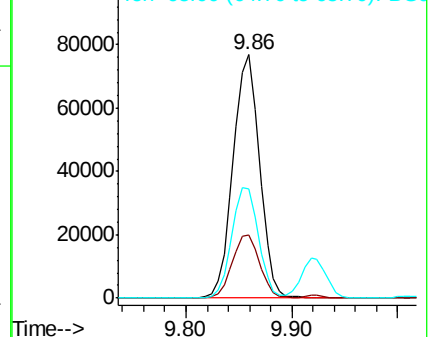
139 100

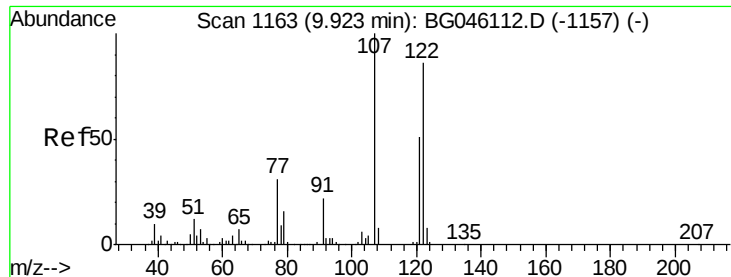
109 26.0 21.8 32.8

65 45.1 36.2 54.2



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: 47.263 ng

RT: 9.92 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampleId :

SS-TP-1MS

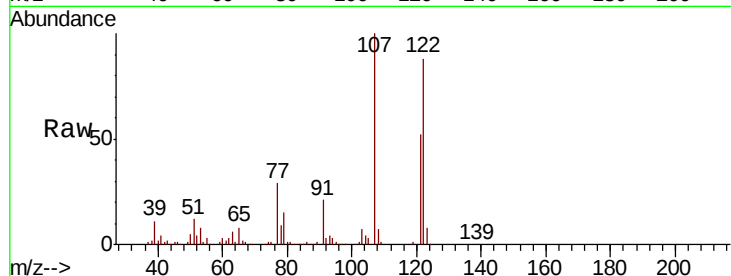
Tot Ion:122 Resp: 217005

Ion Ratio Lower Upper

122 100

107 113.8 92.4 138.6

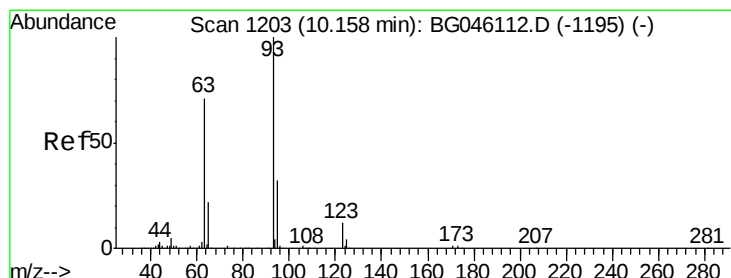
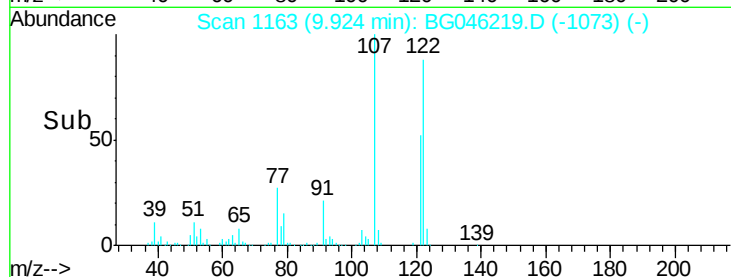
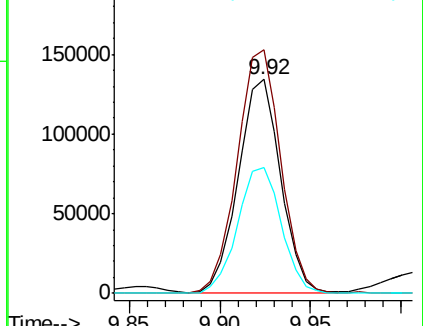
121 59.1 47.0 70.6



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: 46.127 ng

RT: 10.15 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

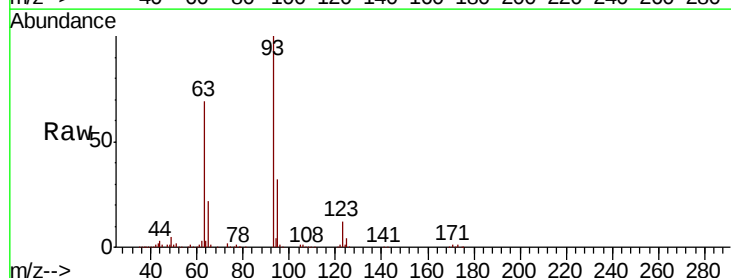
Tgt Ion: 93 Resp: 291482

Ion Ratio Lower Upper

93 100

95 31.7 26.0 39.0

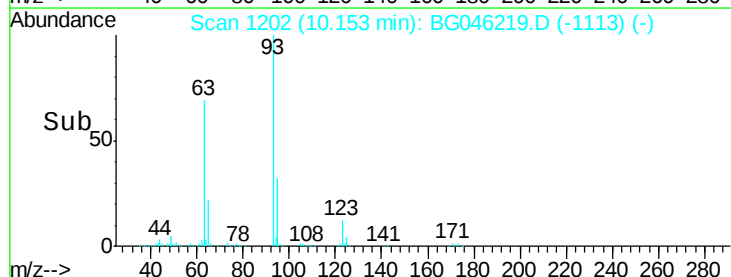
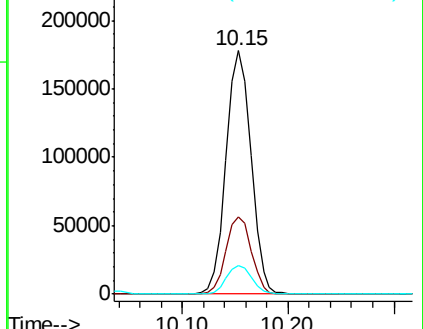
123 11.8 9.7 14.5

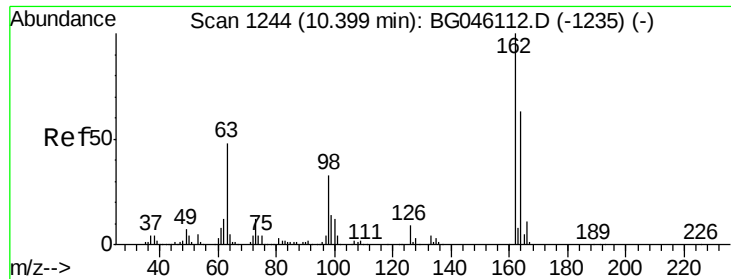


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

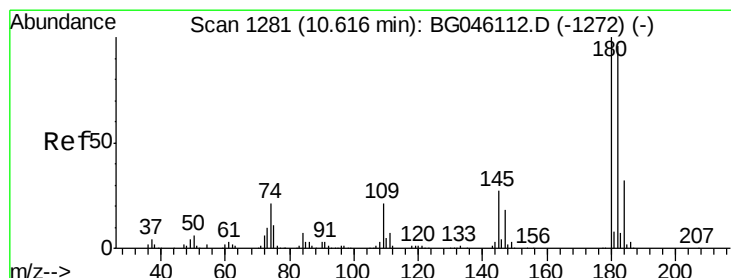
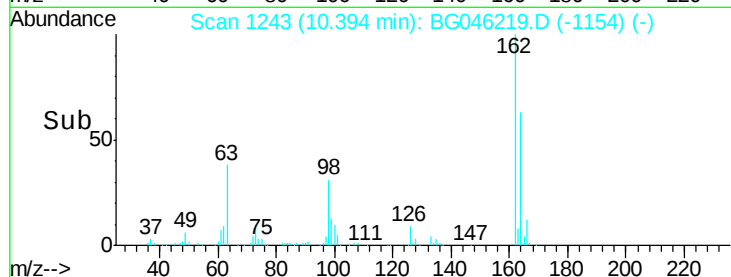
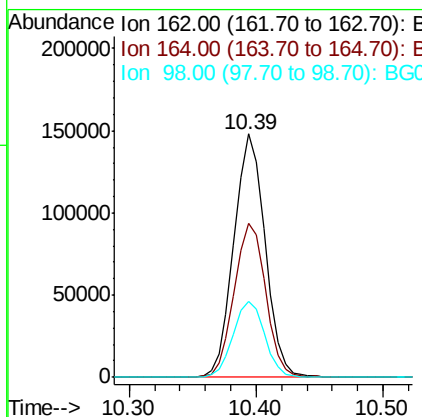
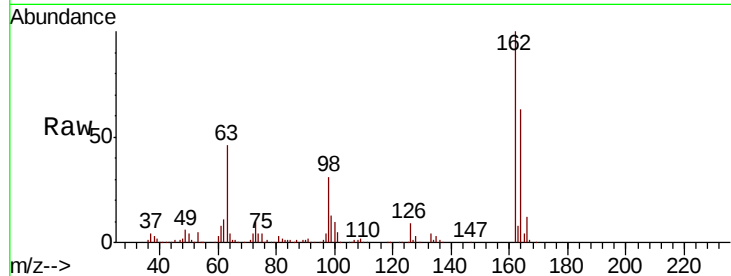




#29
 2,4-Dichlorophenol
 Concen: 46.826 ng
 RT: 10.39 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

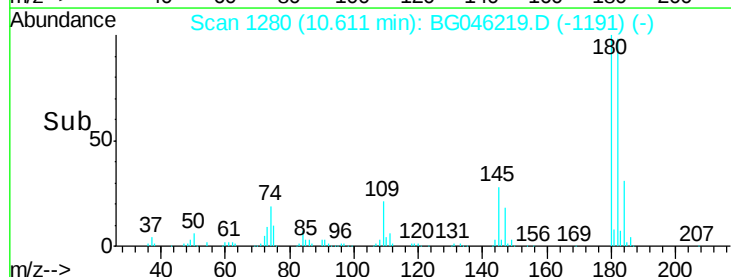
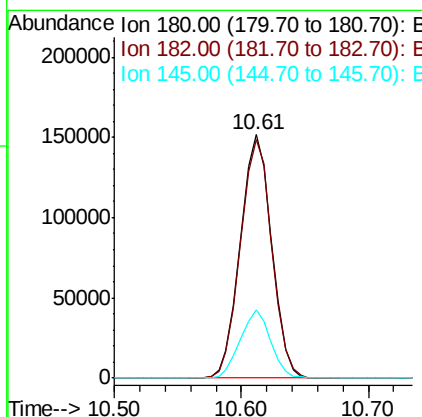
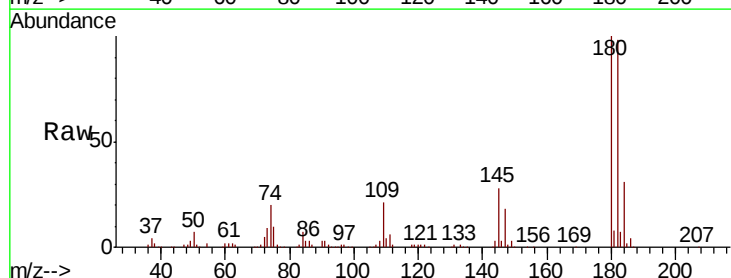
Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-1MS

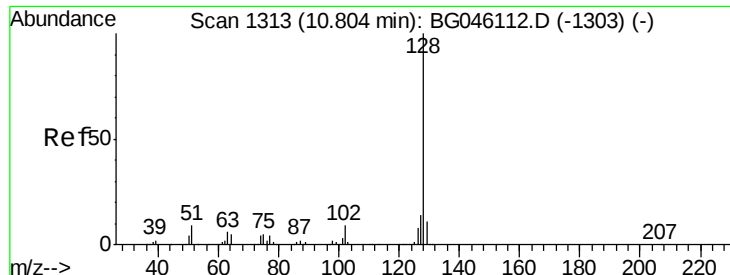
Tot Ion:	162	Resp:	252908
Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.3	83.3
98	31.4	13.1	53.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.988 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Tgt Ion:	180	Resp:	259337
Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.7	115.1
145	27.9	21.8	32.8

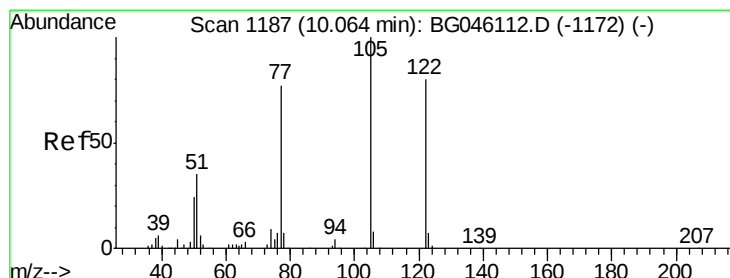
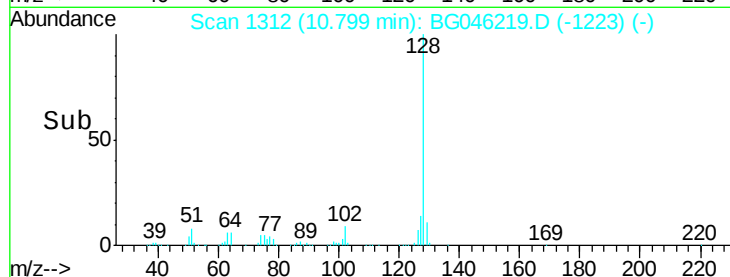
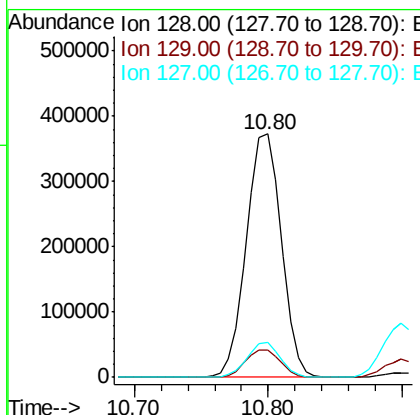
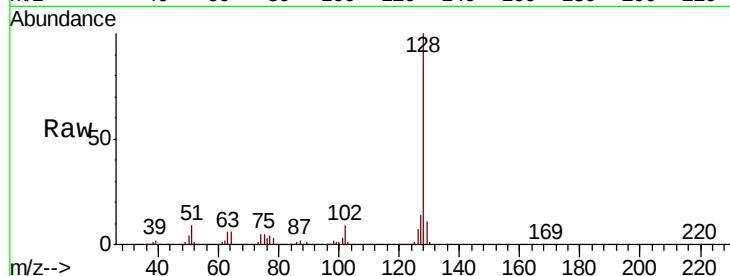




#31
Naphthalene
Concen: 40.348 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

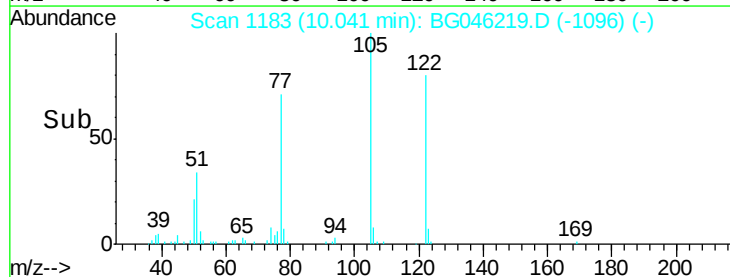
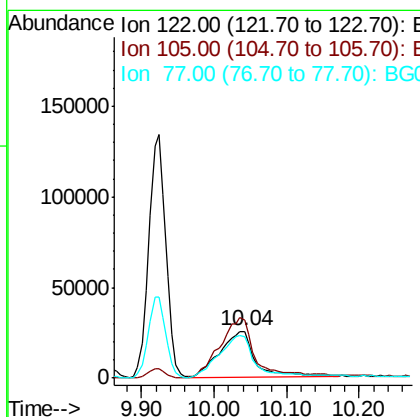
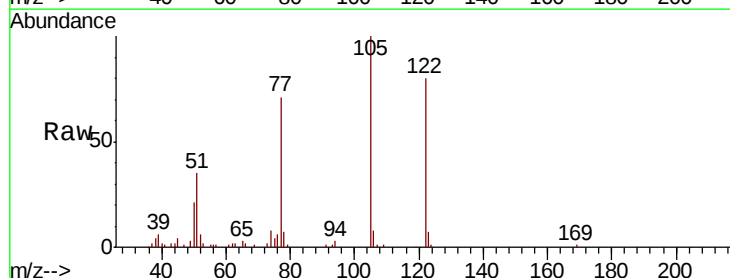
Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

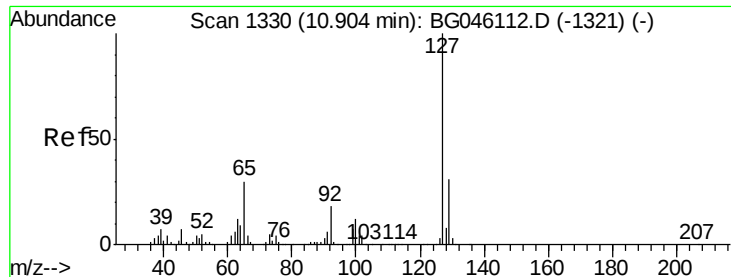
Tot Ion:128 Resp: 675082
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 14.1 11.3 16.9



#32
Benzoic acid
Concen: 29.781 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion:122 Resp: 85531
Ion Ratio Lower Upper
122 100
105 124.7 103.0 143.0
77 88.1 75.2 115.2

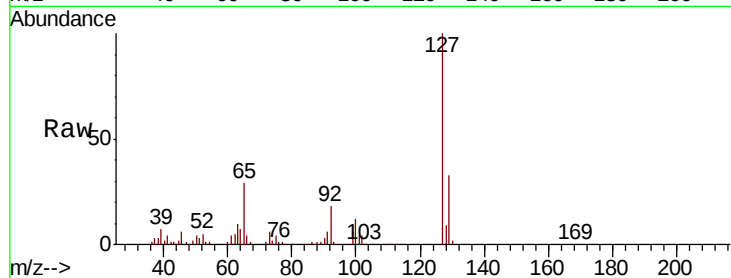




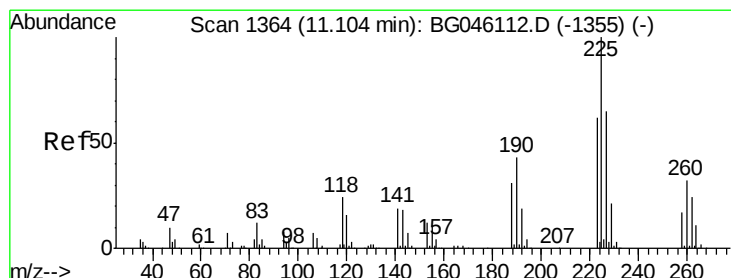
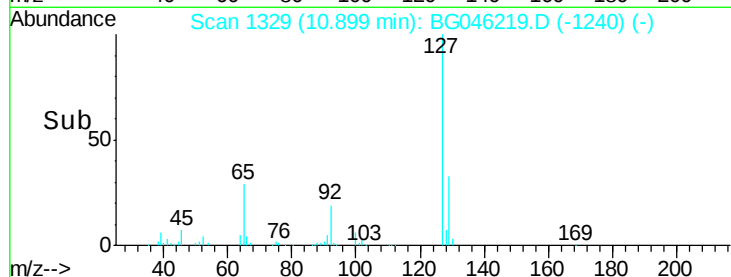
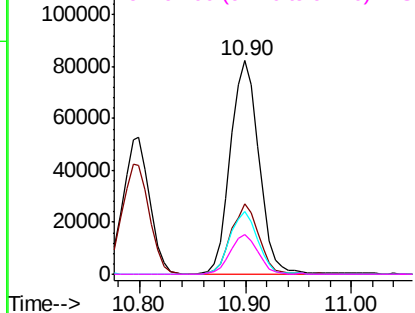
#33
4-Chloroaniline
Concen: 22.518 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

Tot Ion:	127	Resp:	153962
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.2	37.8
65	29.5	24.2	36.2
92	18.4	14.5	21.7

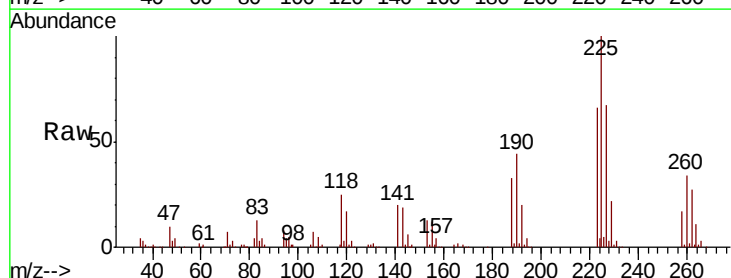


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

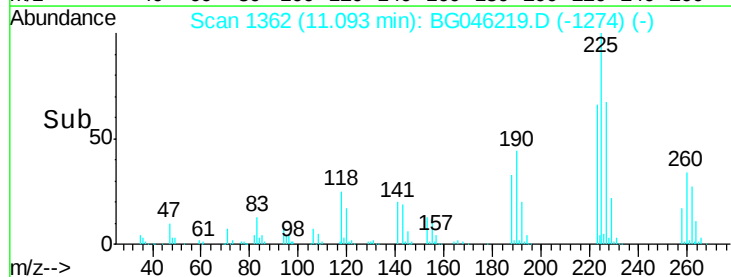
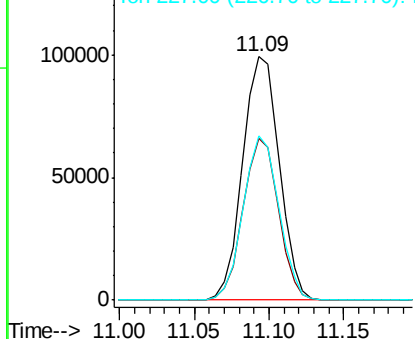


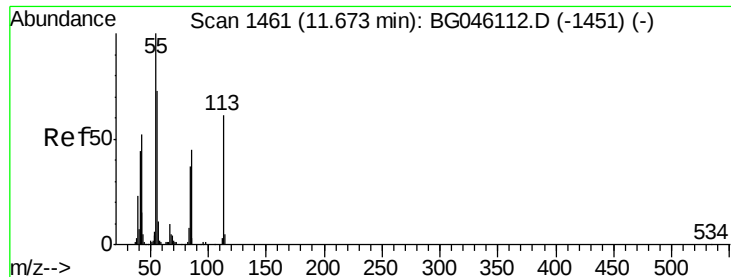
#34
Hexachlorobutadiene
Concen: 40.032 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion:	225	Resp:	168615
Ion	Ratio	Lower	Upper
225	100		
223	66.2	49.8	74.6
227	67.2	51.9	77.9



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: 30.157 ng

RT: 11.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampleId :

SS-TP-1MS

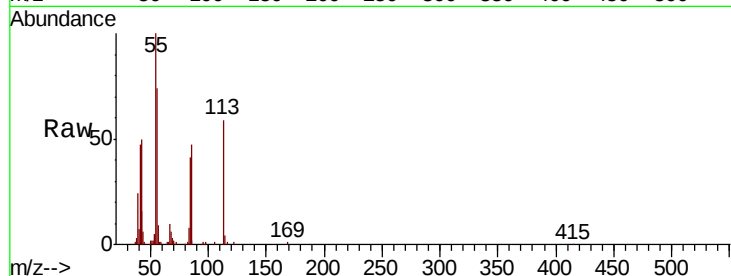
Tot Ion:113 Resp: 53312

Ion Ratio Lower Upper

113 100

55 170.4 144.7 184.7

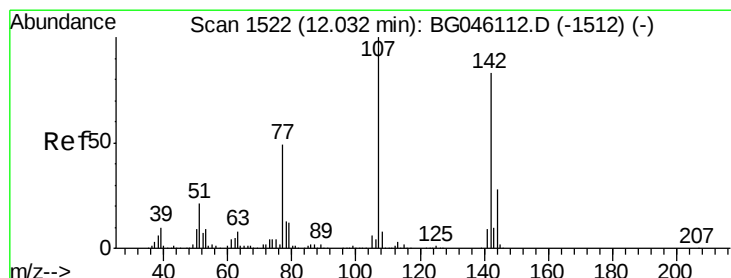
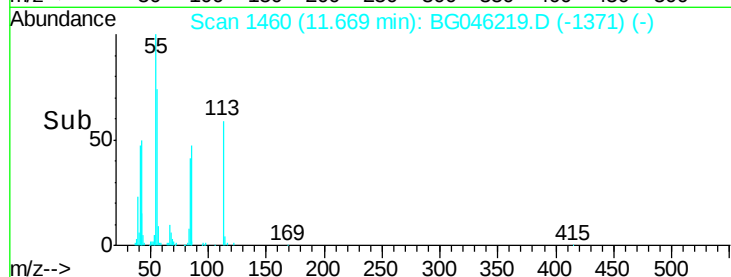
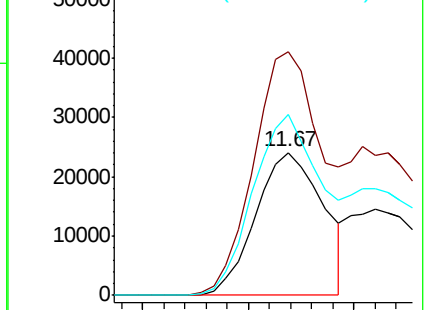
56 126.5 99.4 139.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 49.277 ng

RT: 12.03 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

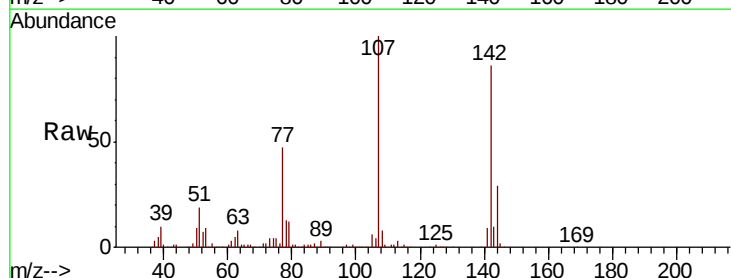
Tgt Ion:107 Resp: 261183

Ion Ratio Lower Upper

107 100

144 28.7 22.4 33.6

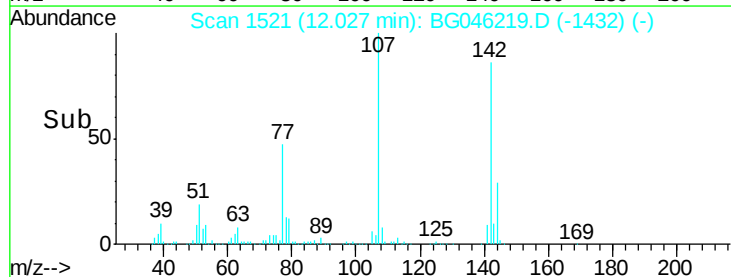
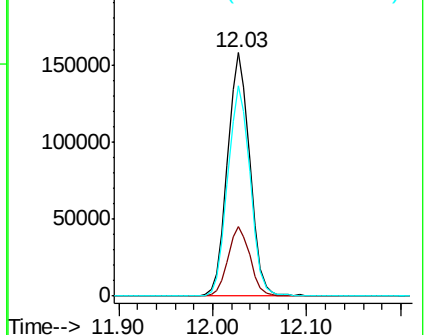
142 86.3 66.6 100.0

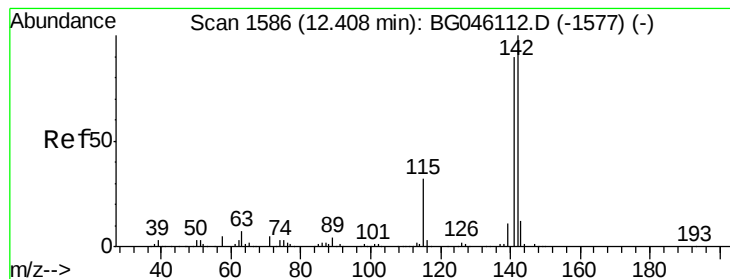


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.227 ng

RT: 12.40 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampleId :

SS-TP-1MS

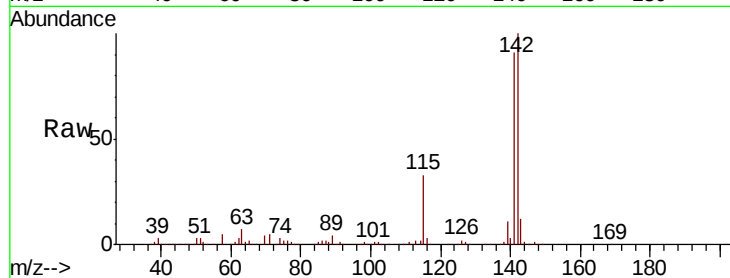
Tot Ion:142 Resp: 543646

Ion Ratio Lower Upper

142 100

141 91.2 71.7 107.5

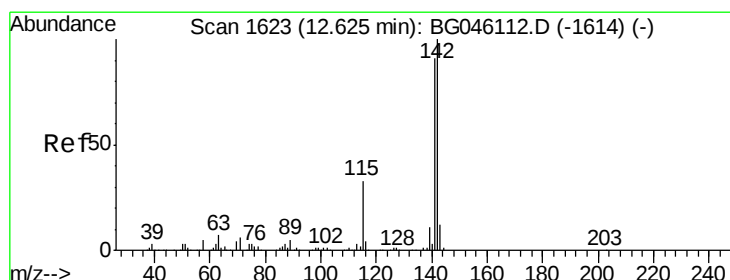
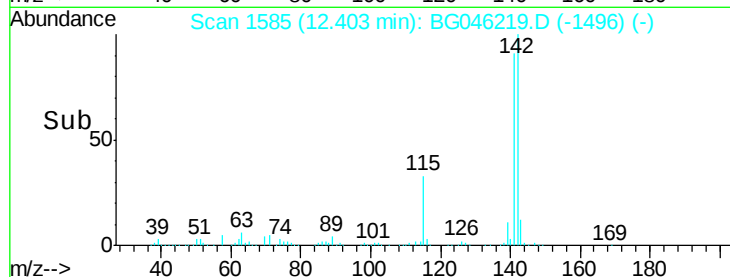
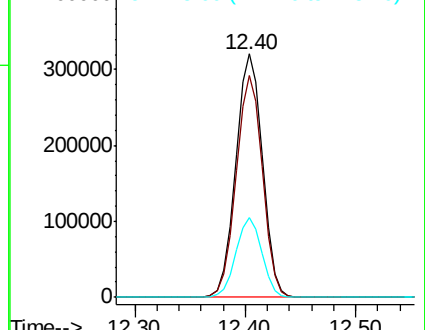
115 32.6 25.8 38.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.387 ng

RT: 12.62 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

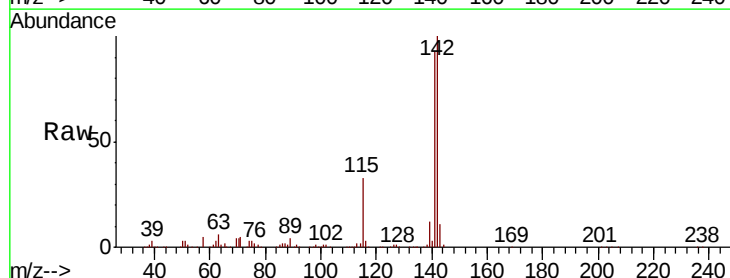
Tgt Ion:142 Resp: 516394

Ion Ratio Lower Upper

142 100

141 92.6 73.0 109.4

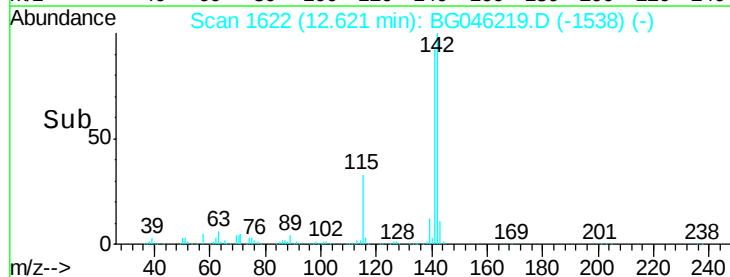
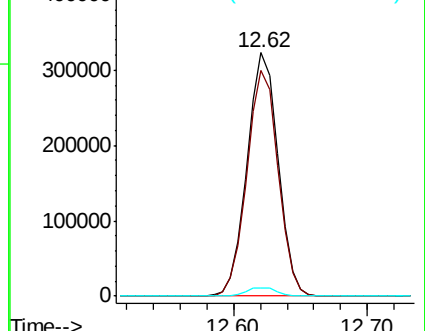
116 3.4 2.8 4.2

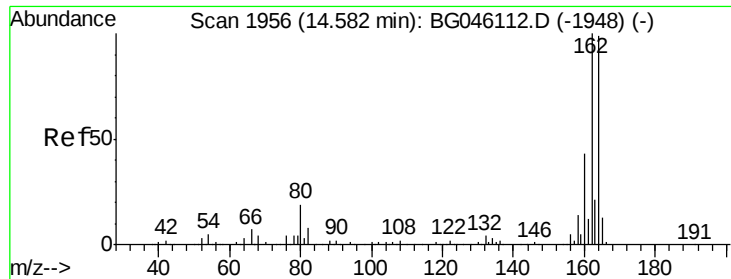


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampleId :

SS-TP-1MS

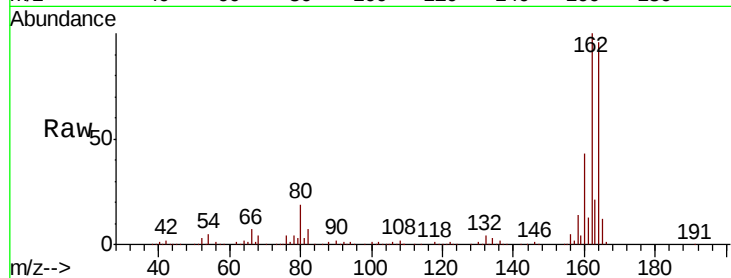
Tot Ion:164 Resp: 232640

Ion Ratio Lower Upper

164 100

162 104.6 80.6 121.0

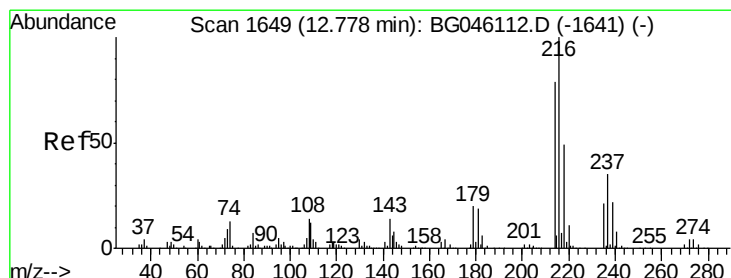
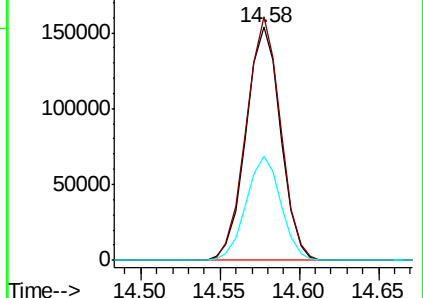
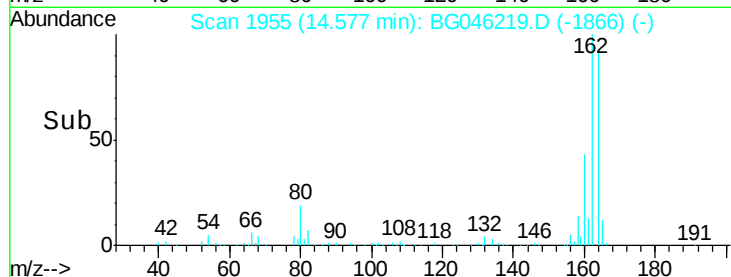
160 44.7 34.9 52.3



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: 37.693 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Tgt Ion:216 Resp: 315942

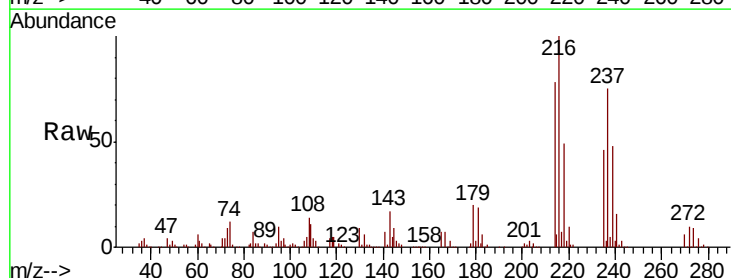
Ion Ratio Lower Upper

216 100

214 78.0 62.7 94.1

179 18.9 15.0 22.6

108 16.0 11.6 17.4

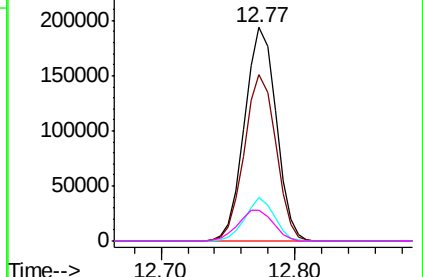
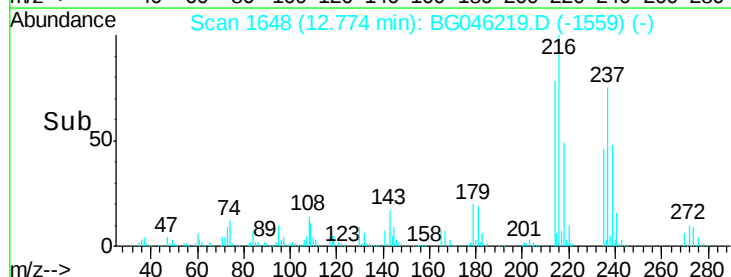


Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.685 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampleId :

SS-TP-1MS

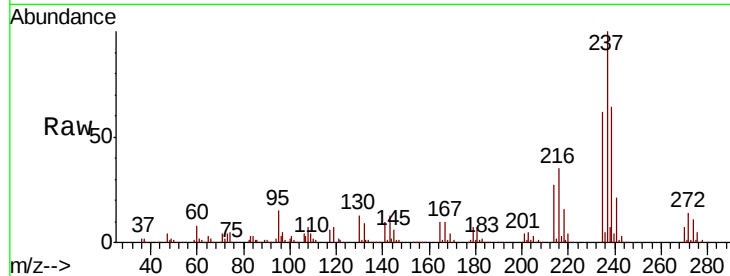
Tot Ion:237 Resp: 431197

Ion Ratio Lower Upper

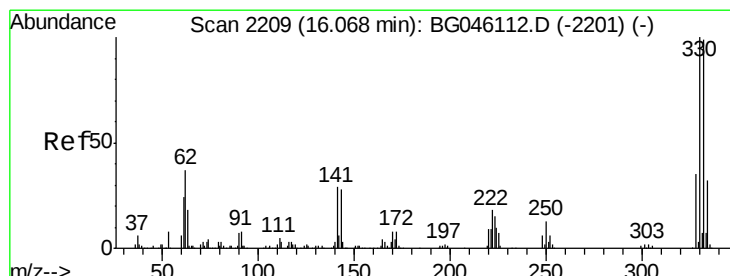
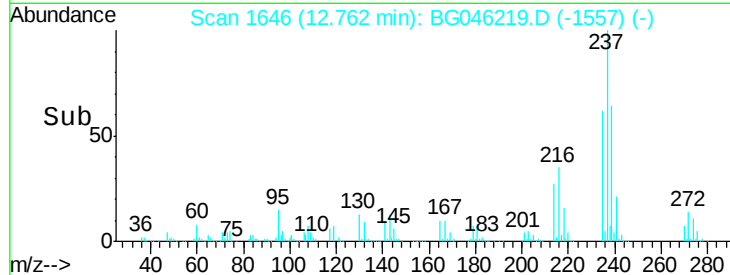
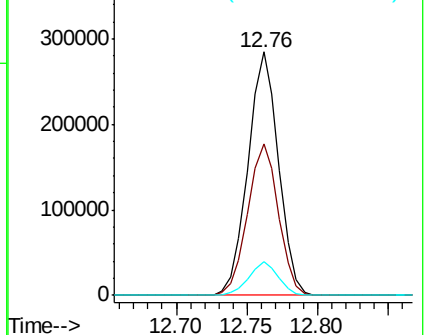
237 100

235 62.4 42.3 82.3

272 13.9 0.0 32.7



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: 89.370 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

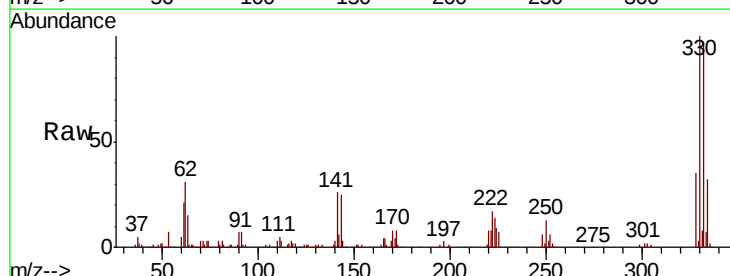
Tgt Ion:330 Resp: 319347

Ion Ratio Lower Upper

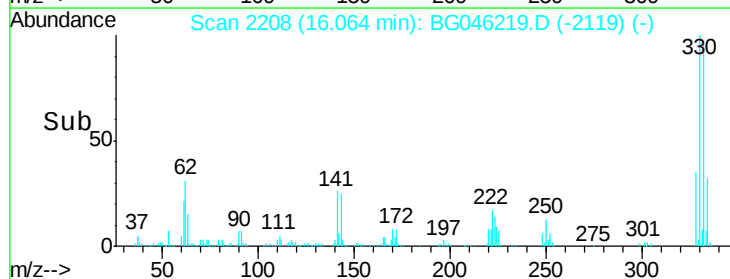
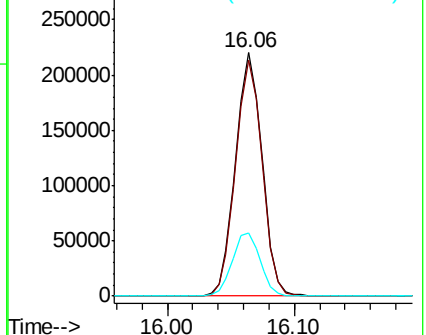
330 100

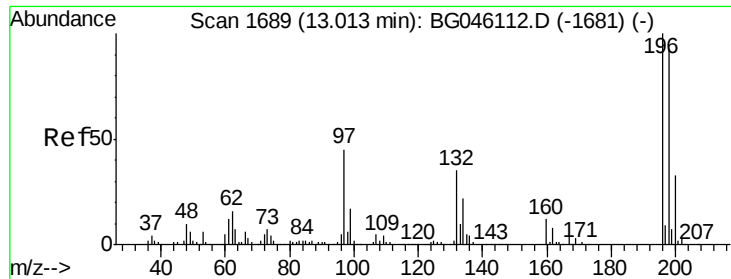
332 97.0 77.4 116.2

141 27.2 23.4 35.0



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

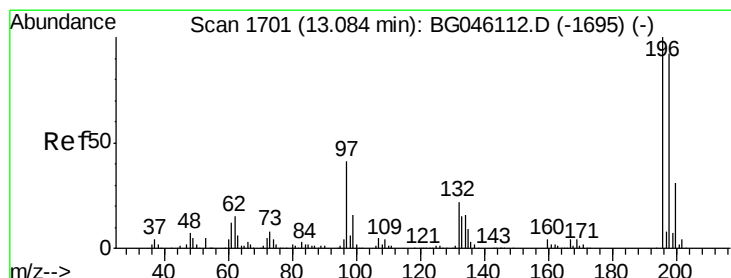
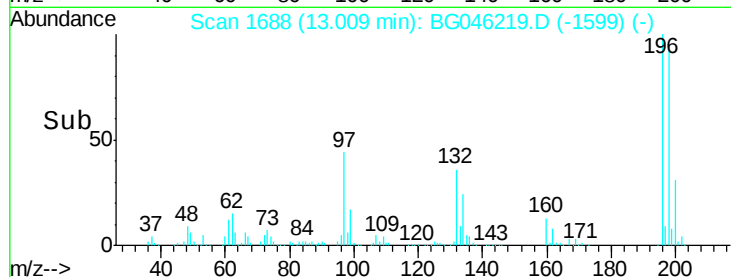
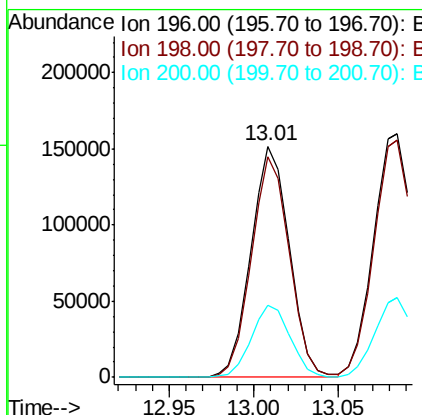
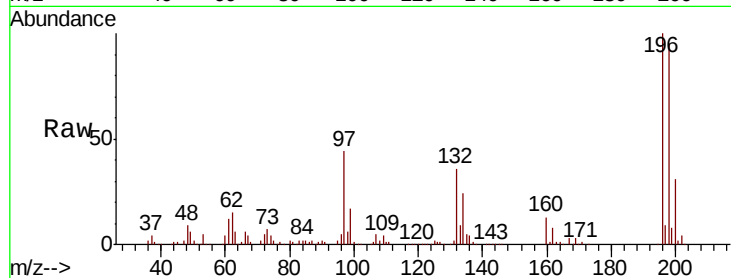




#43
 2,4,6-Trichlorophenol
 Concen: 44.846 ng
 RT: 13.01 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

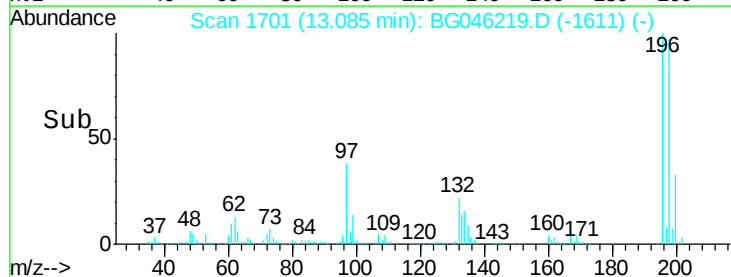
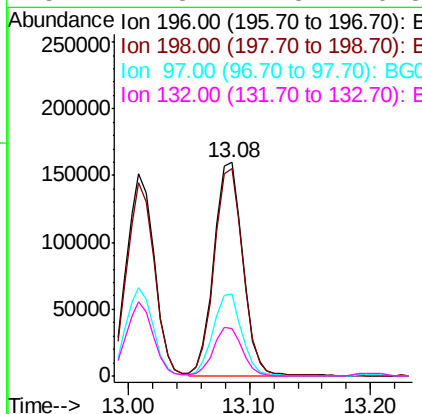
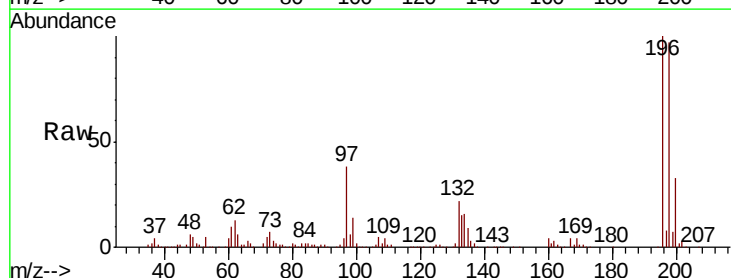
Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-1MS

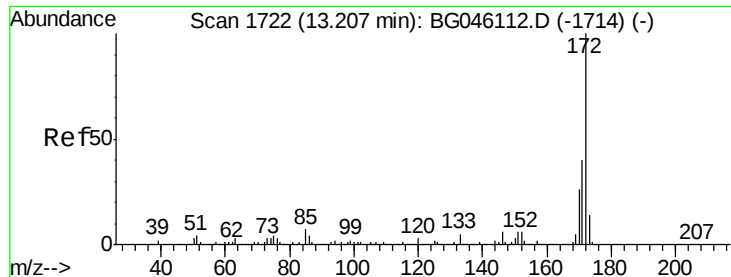
Tot Ion:196 Resp: 239825
 Ion Ratio Lower Upper
 196 100
 198 95.4 74.2 111.4
 200 31.3 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.287 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Tgt Ion:196 Resp: 264243
 Ion Ratio Lower Upper
 196 100
 198 97.4 73.9 110.9
 97 38.1 32.7 49.1
 132 22.3 17.8 26.8

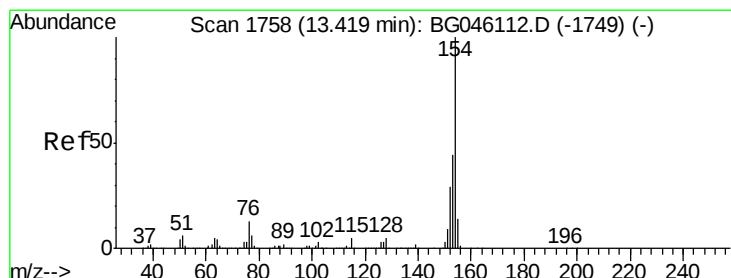
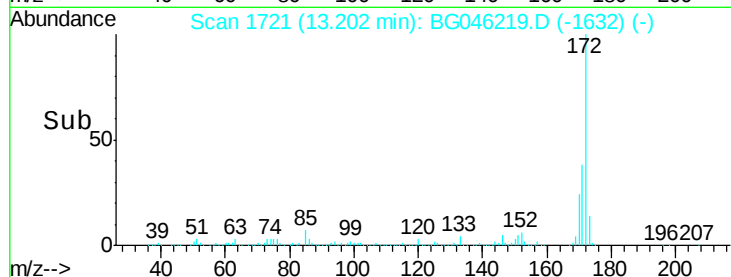
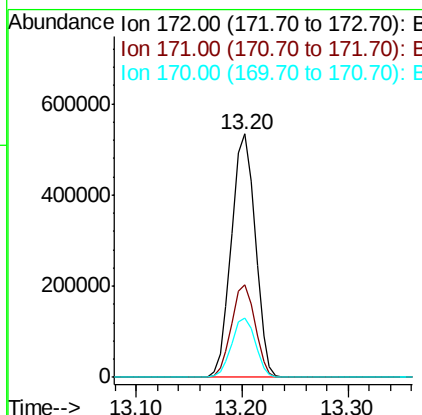
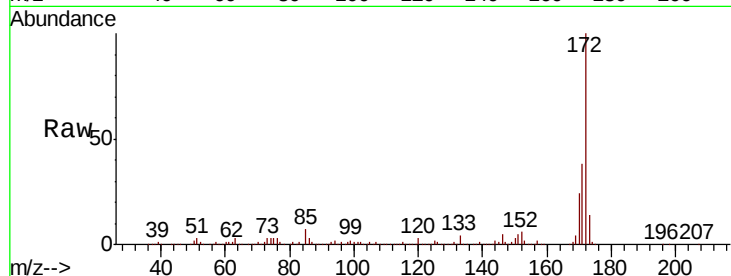




#45
 2-Fluorobiphenyl
 Concen: 51.993 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

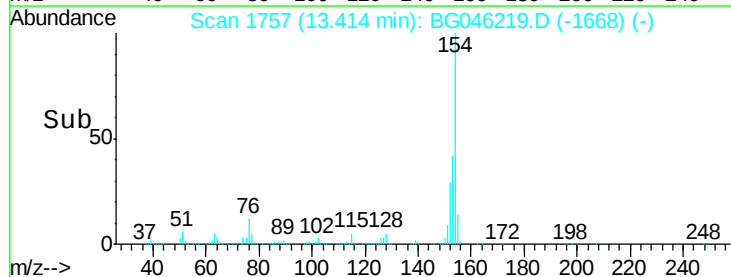
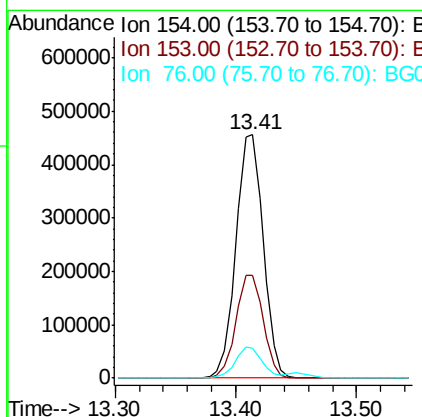
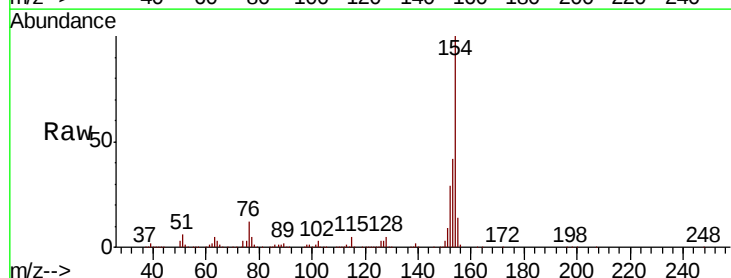
Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-1MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.7	47.5
170	24.3	20.9	31.3



#46
 1,1'-Biphenyl
 Concen: 39.384 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	23.7	63.7
76	12.1	0.0	32.9

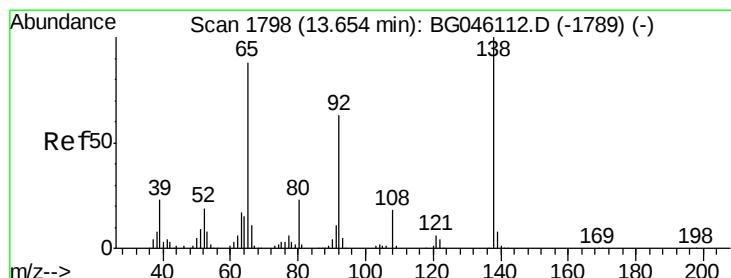
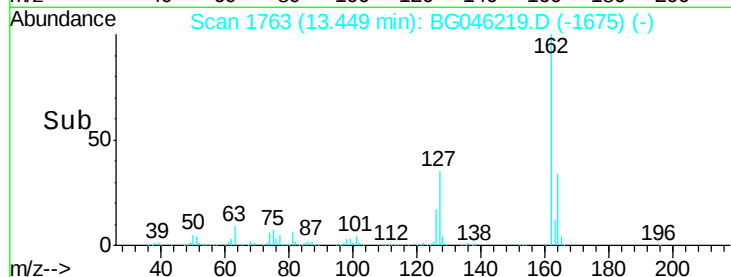
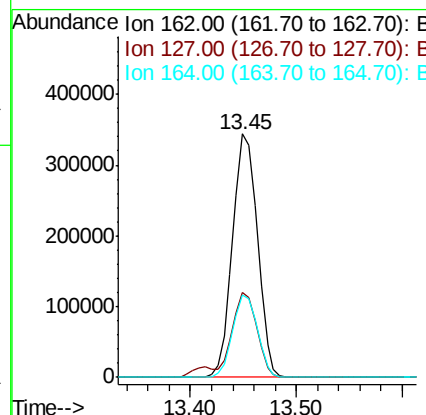
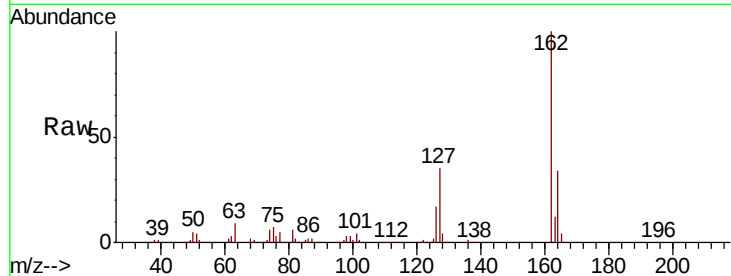




#47
2-Chloronaphthalene
Concen: 38.547 ng
RT: 13.45 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

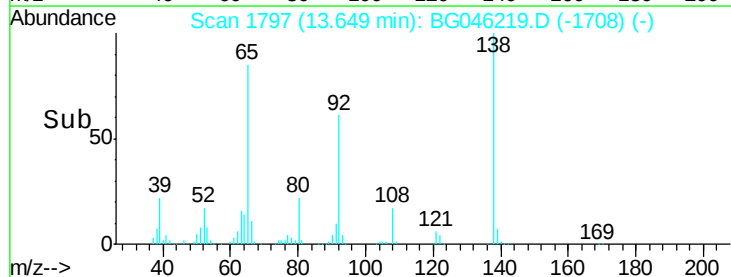
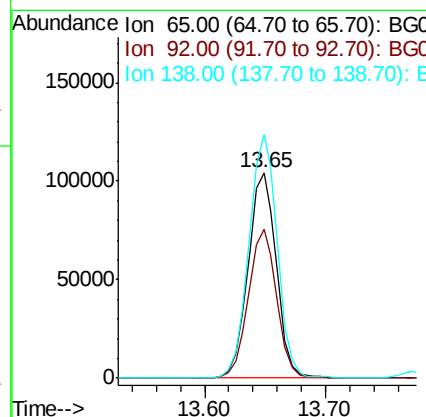
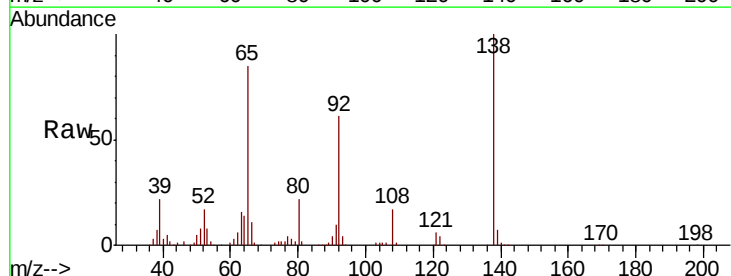
Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

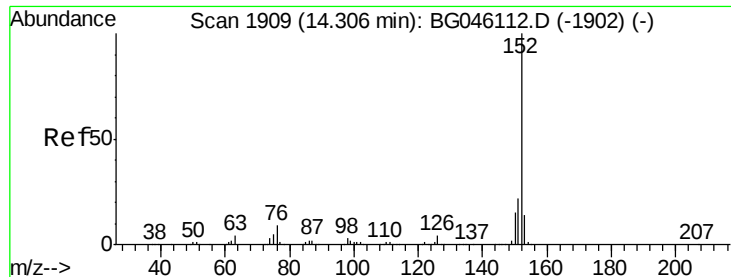
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.8	28.0	42.0
164	34.0	26.5	39.7



#48
2-Nitroaniline
Concen: 44.532 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	57.4	86.2
138	118.3	91.1	136.7





#49

Acenaphthylene

Concen: 40.425 ng

RT: 14.30 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampleId :

SS-TP-1MS

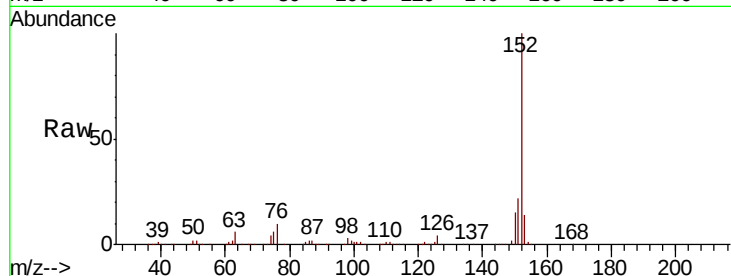
Tot Ion:152 Resp: 913795

Ion Ratio Lower Upper

152 100

151 22.2 17.4 26.2

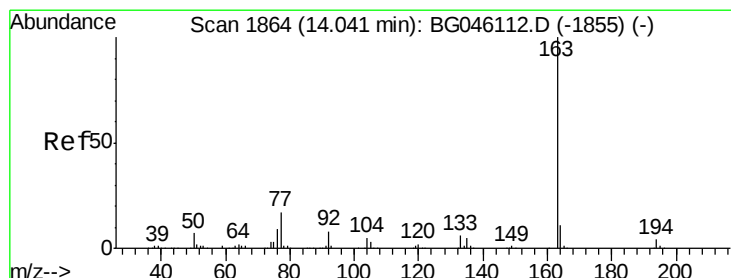
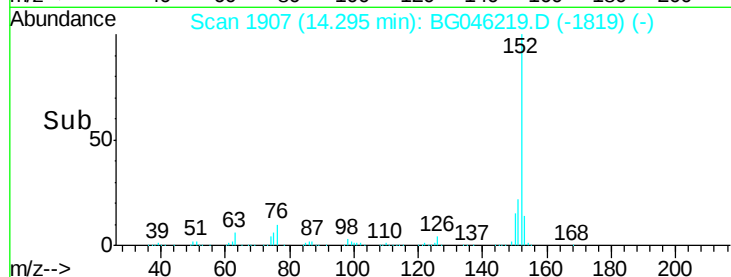
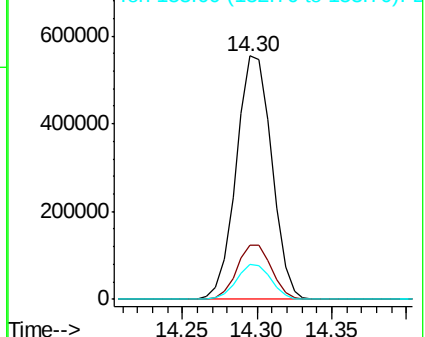
153 14.5 10.9 16.3



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: 47.301 ng

RT: 14.03 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

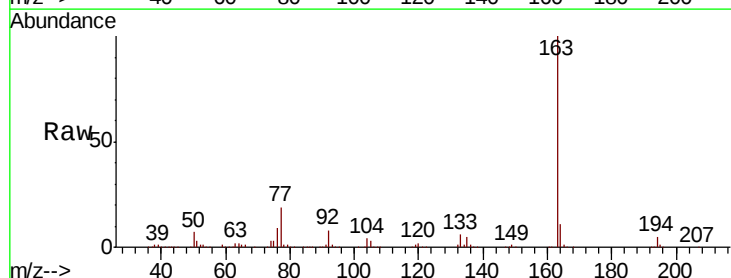
Tgt Ion:163 Resp: 844588

Ion Ratio Lower Upper

163 100

194 4.8 3.5 5.3

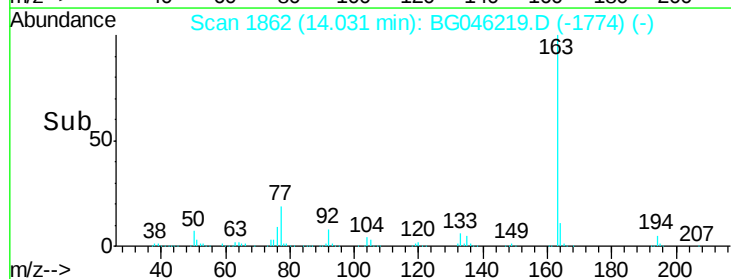
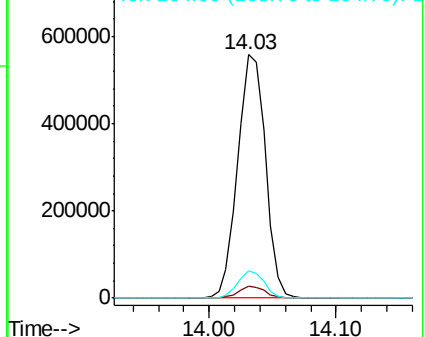
164 11.3 8.8 13.2

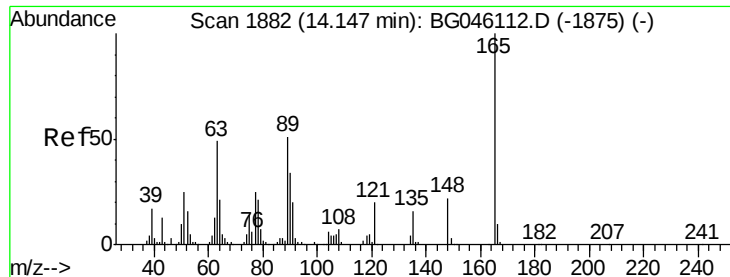


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

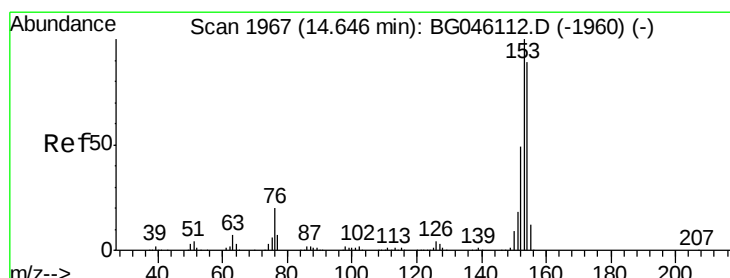
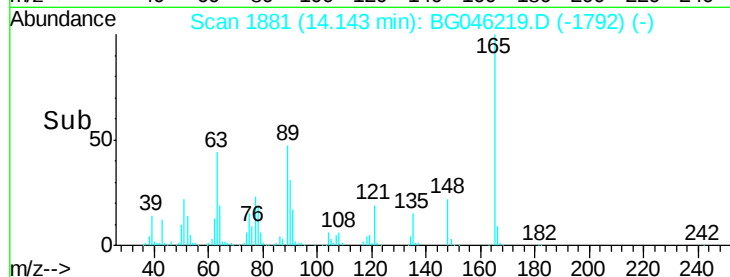
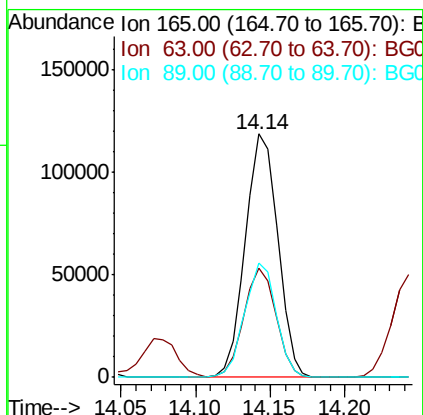
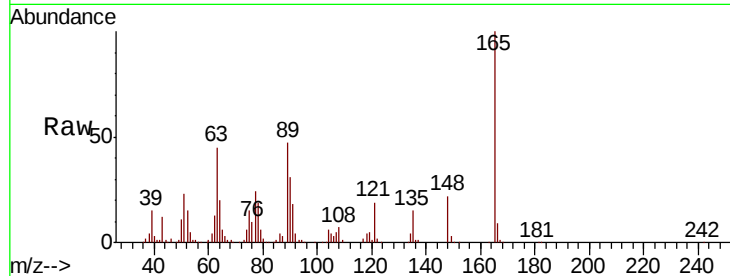




#51
2,6-Dinitrotoluene
Concen: 42.958 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

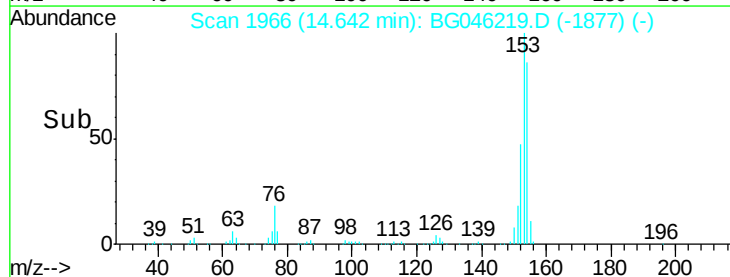
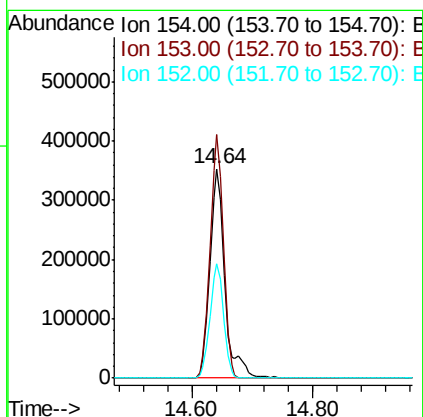
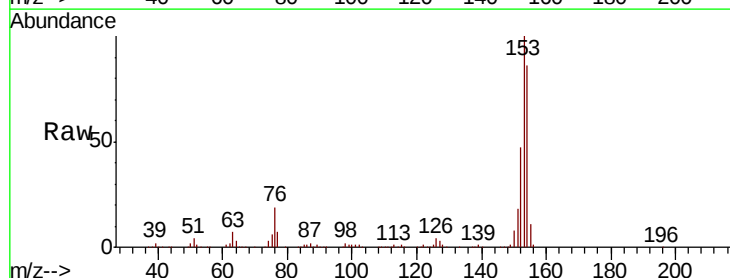
Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

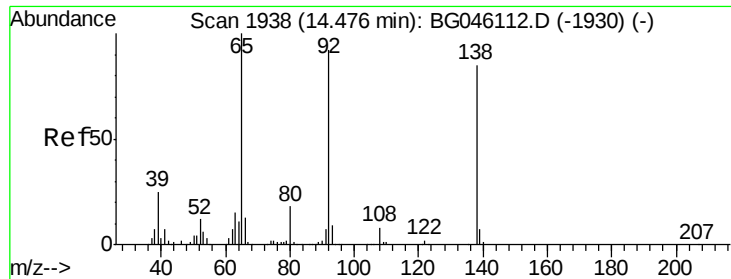
Tot Ion:165 Resp: 178514
Ion Ratio Lower Upper
165 100
63 44.8 39.7 59.5
89 47.1 41.0 61.6



#52
Acenaphthene
Concen: 41.085 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion:154 Resp: 612944
Ion Ratio Lower Upper
154 100
153 116.4 89.8 134.8
152 54.9 44.5 66.7

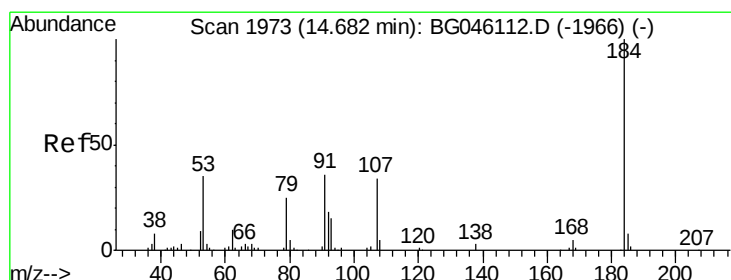
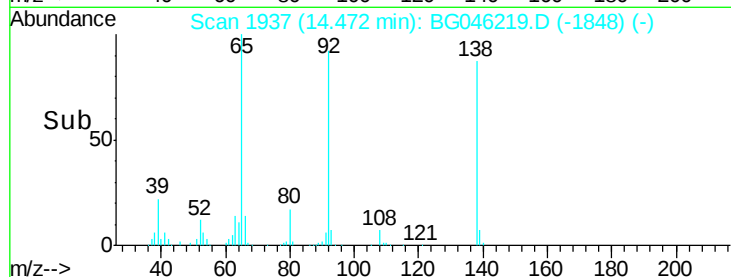
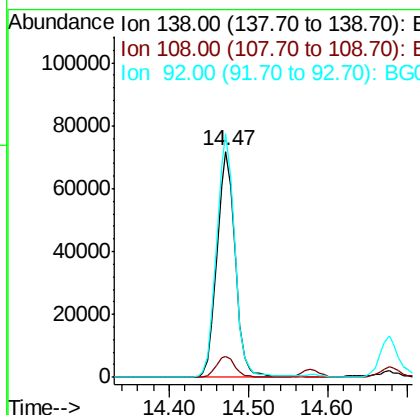
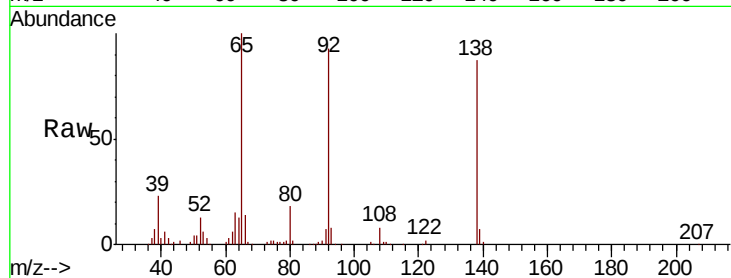




#53
3-Nitroaniline
Concen: 27.933 ng
RT: 14.47 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

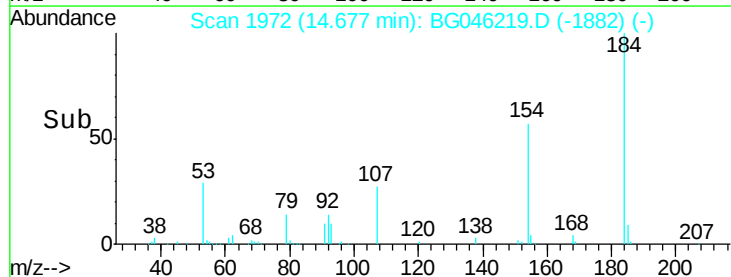
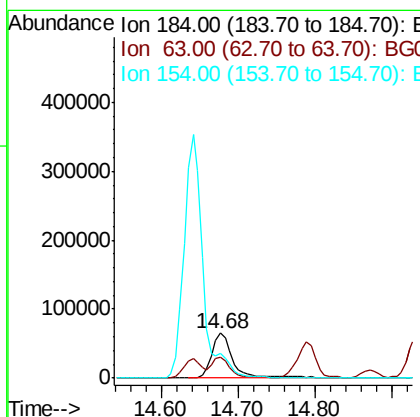
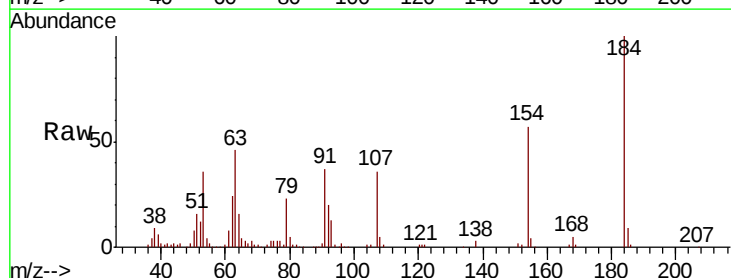
Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

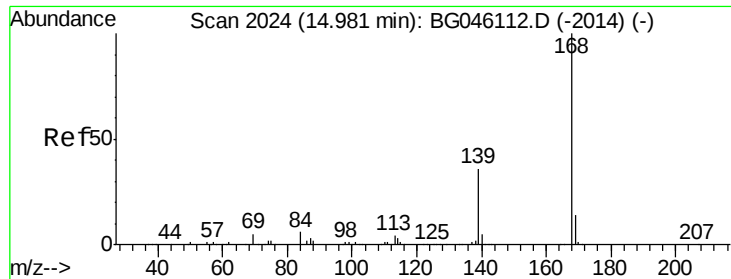
Tot Ion:138 Resp: 115076
Ion Ratio Lower Upper
138 100
108 9.2 7.2 10.8
92 107.8 87.5 131.3



#54
2,4-Dinitrophenol
Concen: 50.095 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion:184 Resp: 124261
Ion Ratio Lower Upper
184 100
63 46.1 36.7 55.1
154 56.6 41.3 61.9

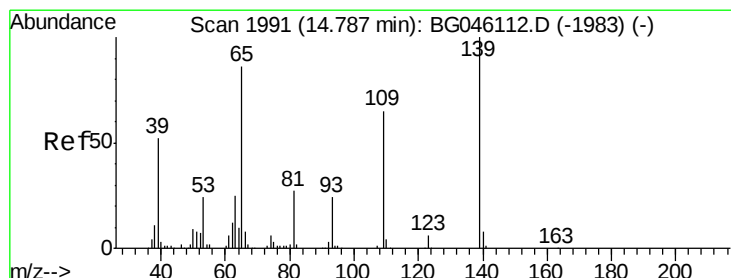
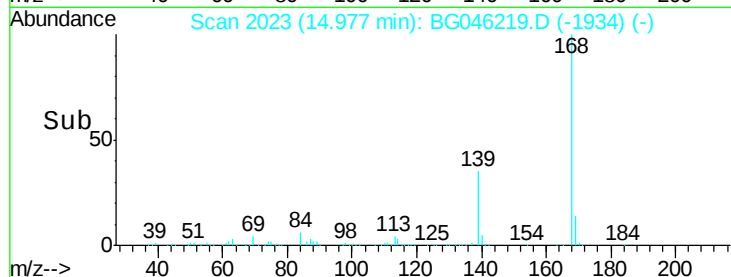
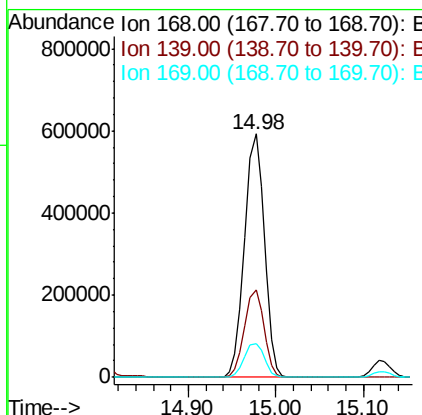
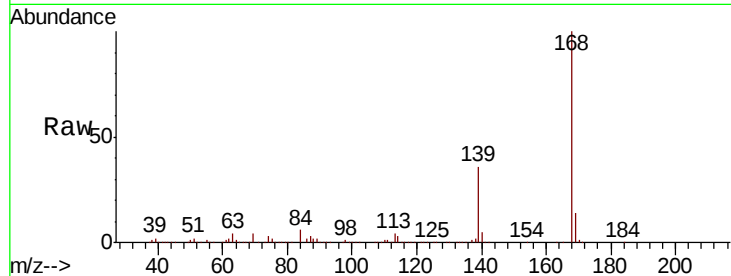




#55
Dibenzofuran
Concen: 40.051 ng
RT: 14.98 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

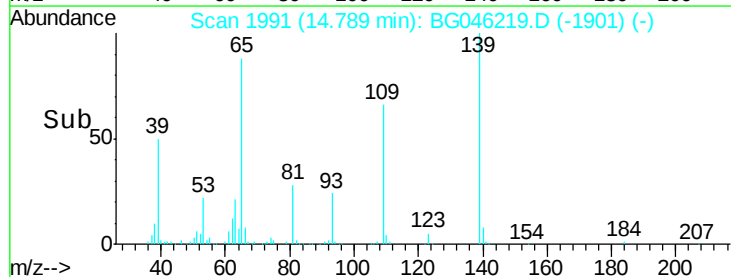
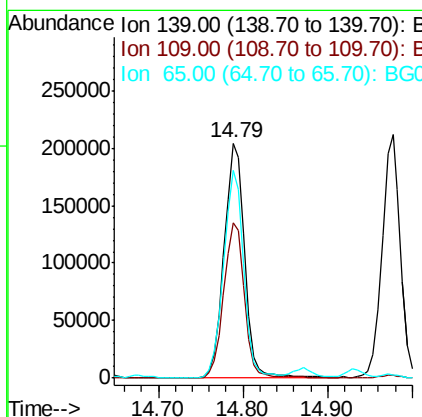
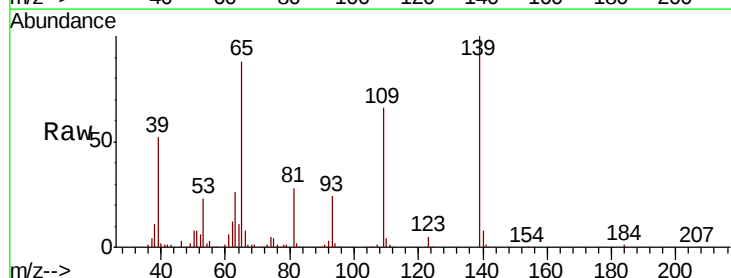
Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

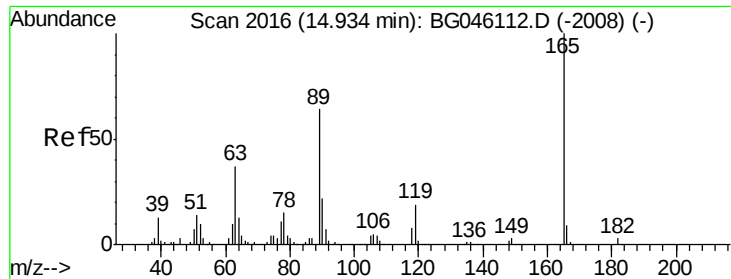
Tot Ion:168 Resp: 901608
Ion Ratio Lower Upper
168 100
139 35.7 29.0 43.4
169 13.9 11.3 16.9



#56
4-Nitrophenol
Concen: 96.526 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion:139 Resp: 345251
Ion Ratio Lower Upper
139 100
109 66.2 45.1 85.1
65 88.4 66.4 106.4

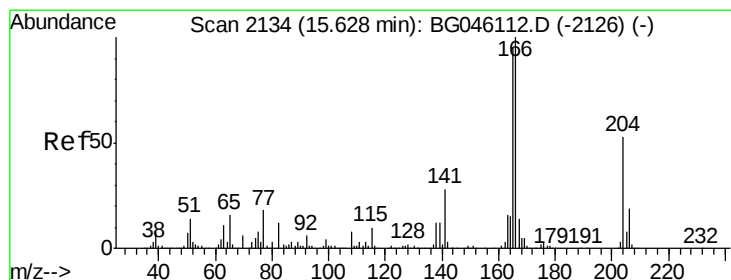
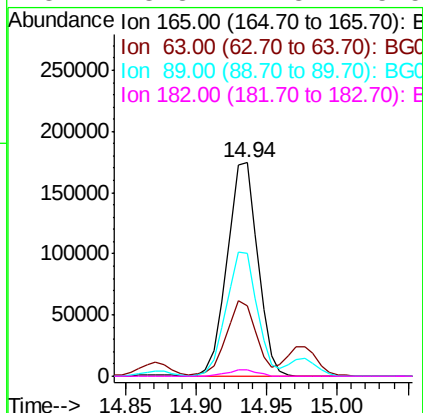
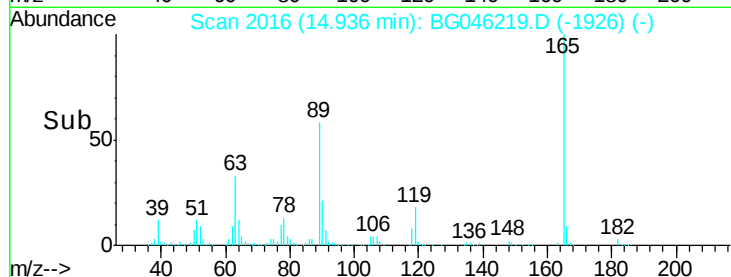
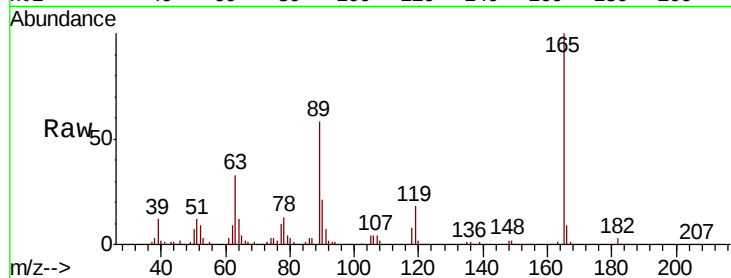




#57
2,4-Dinitrotoluene
Concen: 46.215 ng
RT: 14.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

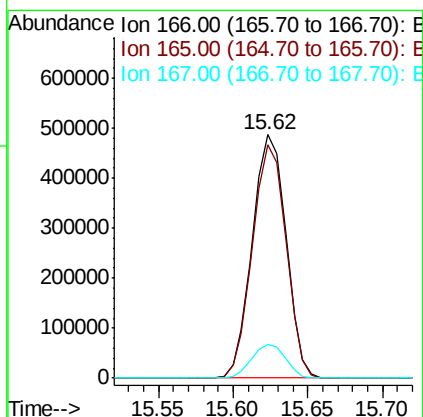
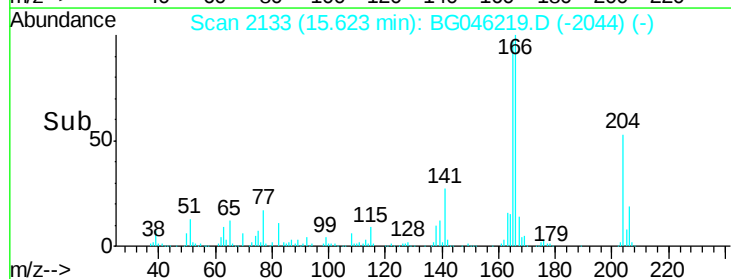
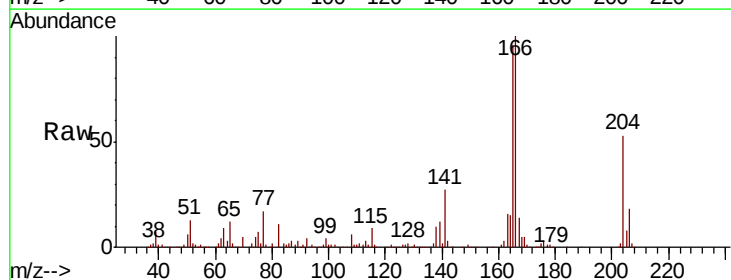
Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

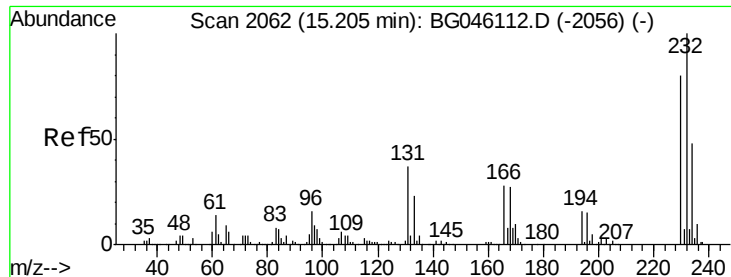
Tot Ion:165 Resp: 264048
Ion Ratio Lower Upper
165 100
63 33.2 30.1 45.1
89 57.6 51.4 77.2
182 3.3 2.3 3.5



#58
Fluorene
Concen: 41.770 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion:166 Resp: 761491
Ion Ratio Lower Upper
166 100
165 95.9 76.3 114.5
167 14.1 11.0 16.6

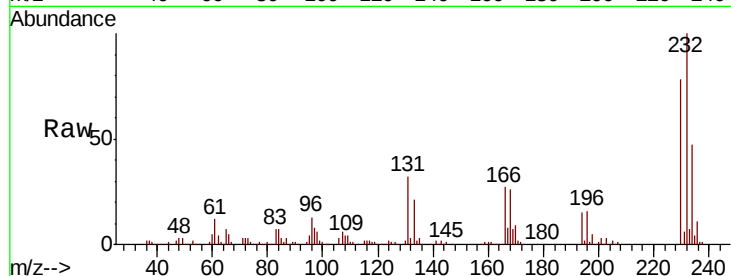




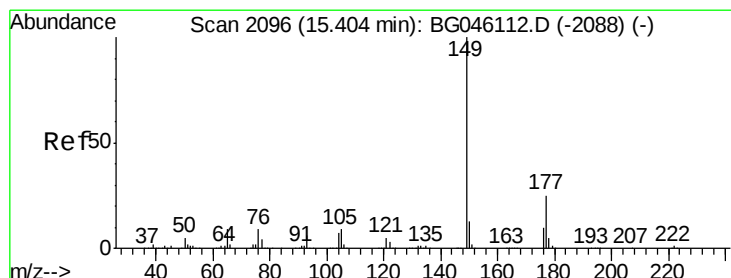
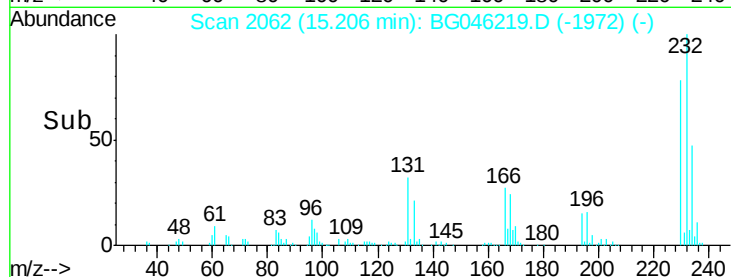
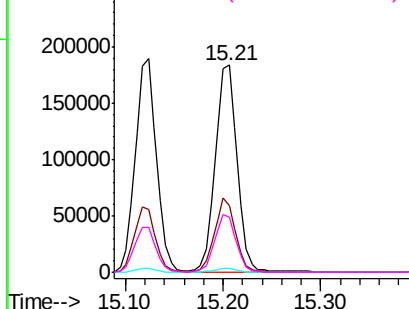
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.610 ng
RT: 15.21 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

Tot Ion:	232	Resp:	283651
Ion	Ratio	Lower	Upper
232	100		
131	34.1	28.6	42.8
130	1.8	1.6	2.4
166	27.1	22.5	33.7

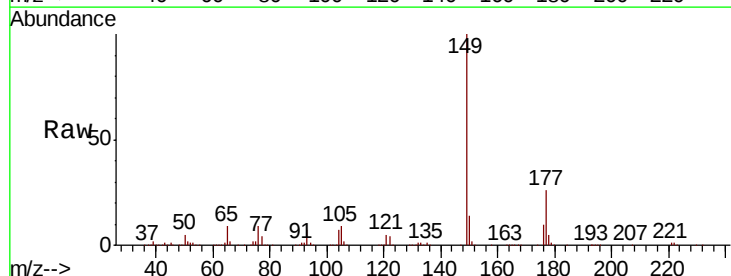


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

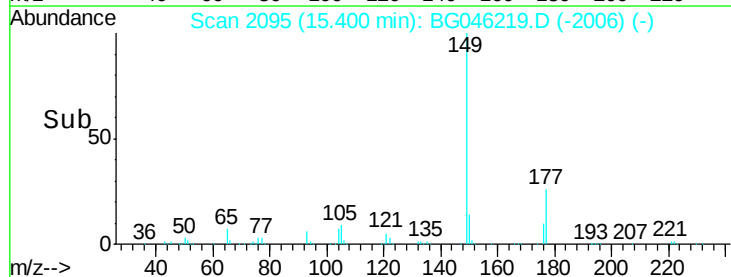
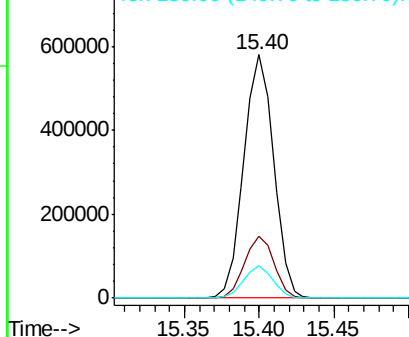


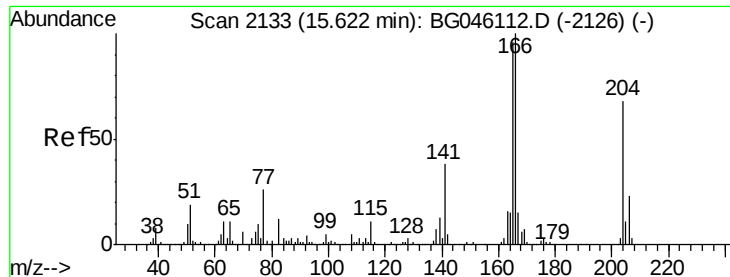
#60
Diethylphthalate
Concen: 45.735 ng
RT: 15.40 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion:	149	Resp:	803321
Ion	Ratio	Lower	Upper
149	100		
177	25.6	19.7	29.5
150	13.5	10.8	16.2



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

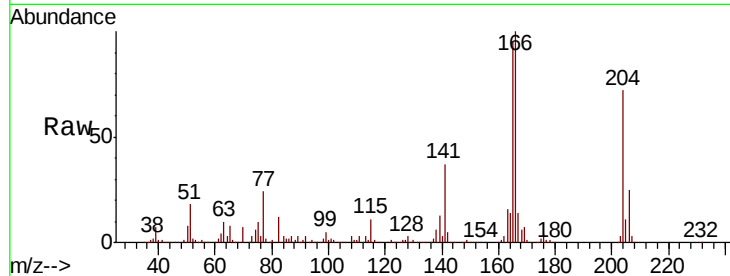




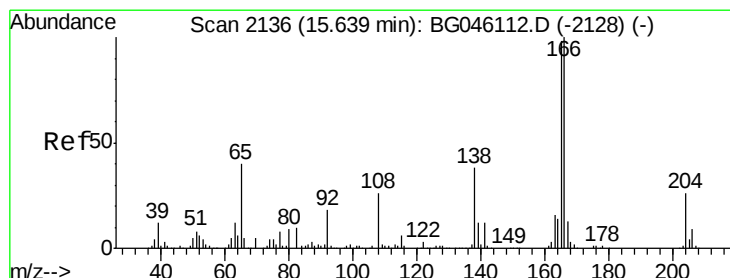
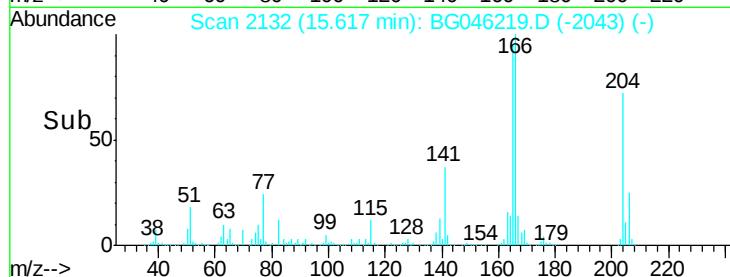
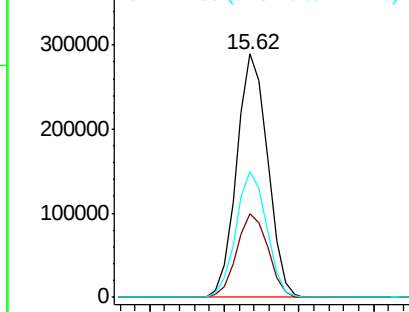
#61
4-Chlorophenyl-phenylether
Concen: 43.743 ng
RT: 15.62 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

Tot Ion:204 Resp: 416506
Ion Ratio Lower Upper
204 100
206 34.1 27.7 41.5
141 51.5 44.7 67.1

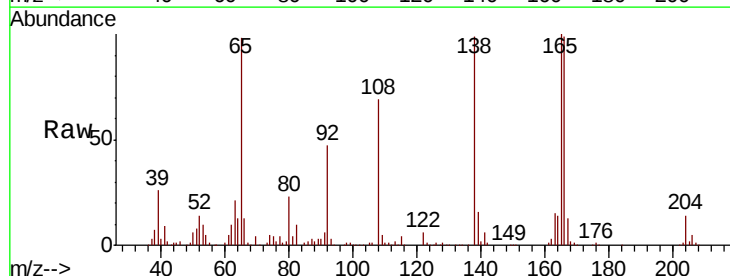


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

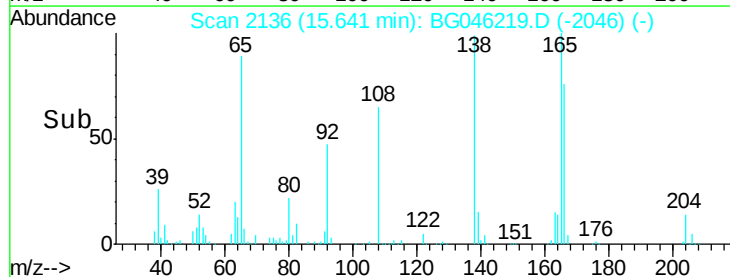
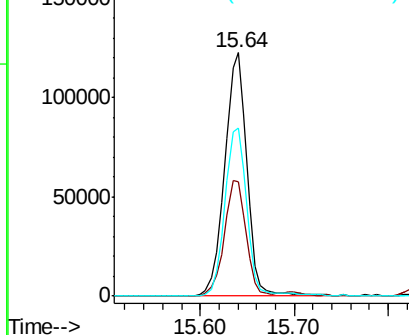


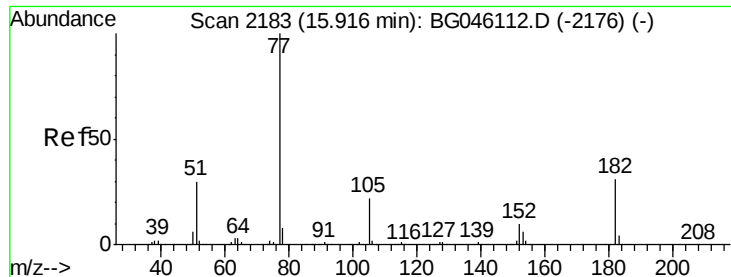
#62
4-Nitroaniline
Concen: 48.951 ng
RT: 15.64 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion:138 Resp: 202820
Ion Ratio Lower Upper
138 100
92 47.2 28.3 68.3
108 69.1 49.2 89.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

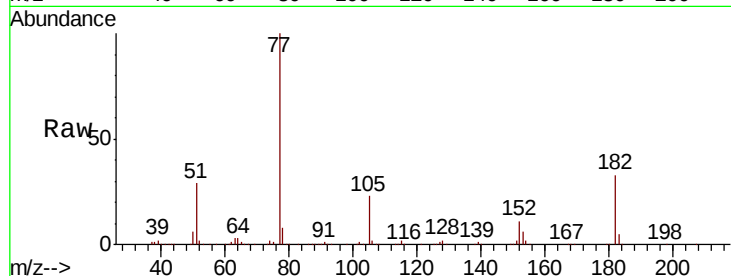




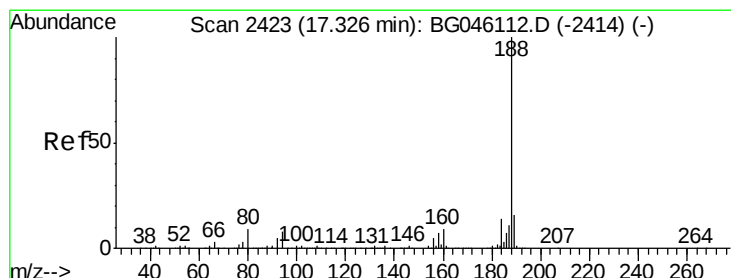
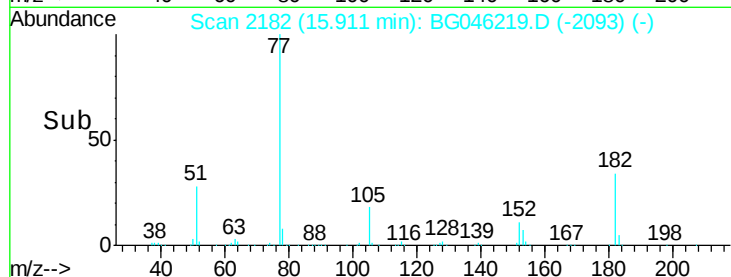
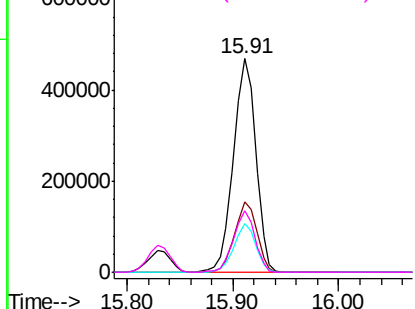
#63
Azobenzene
Concen: 41.264 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

Tot Ion:	77	Resp:	679271
Ion	Ratio	Lower	Upper
77	100		
182	33.2	10.7	50.7
105	22.6	1.9	41.9
51	28.6	9.5	49.5

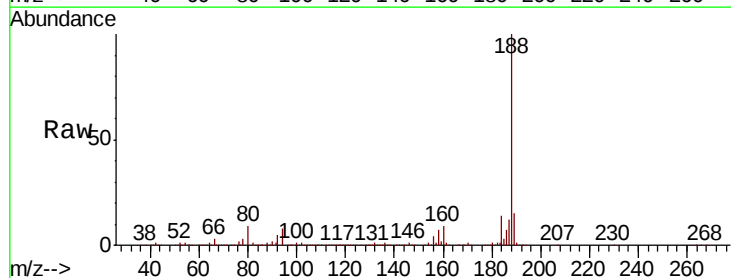


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

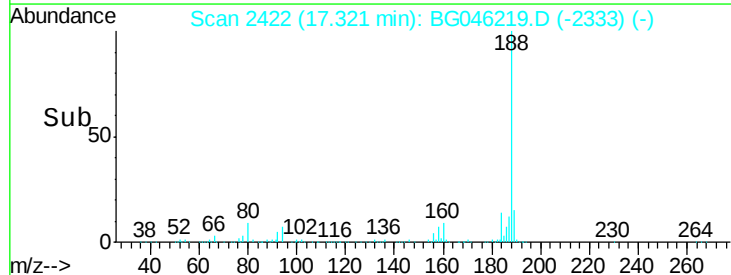
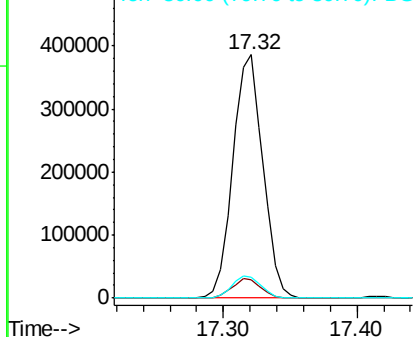


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion:	188	Resp:	601206
Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.4	9.6
80	8.6	7.4	11.0



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: 35.786 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

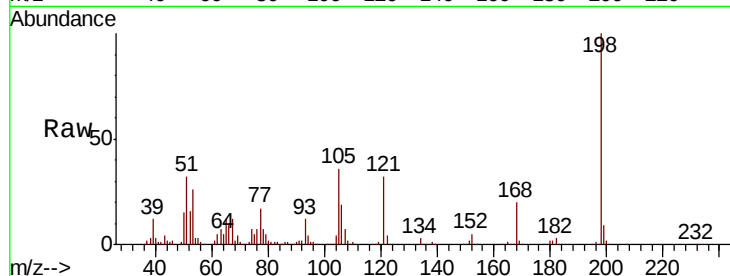
BNA_G

ClientSampleId :

SS-TP-1MS

Tot Ion:198 Resp: 142287

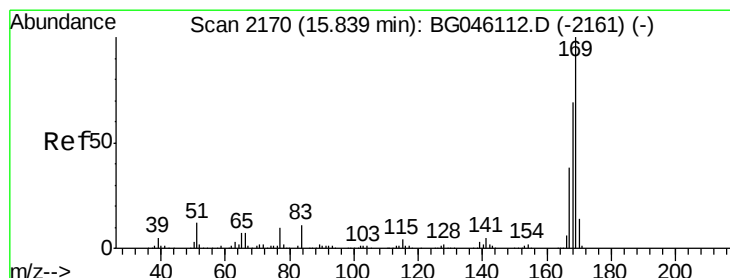
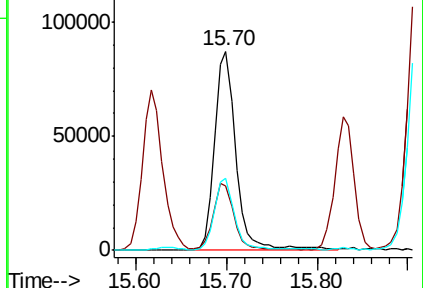
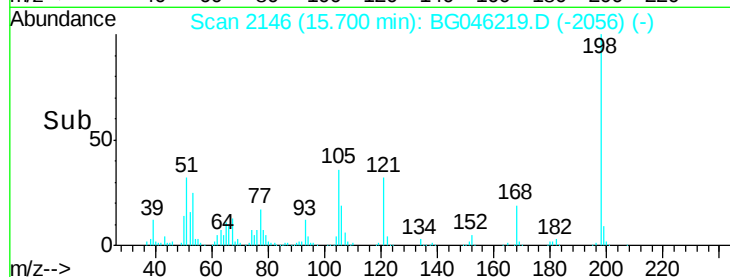
Ion	Ratio	Lower	Upper
198	100		
51	32.1	20.1	60.1
105	35.9	19.2	59.2



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: 39.406 ng

RT: 15.83 min Scan# 2169

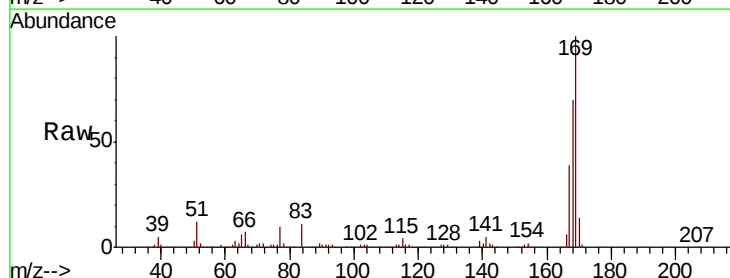
Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Tgt Ion:169 Resp: 717137

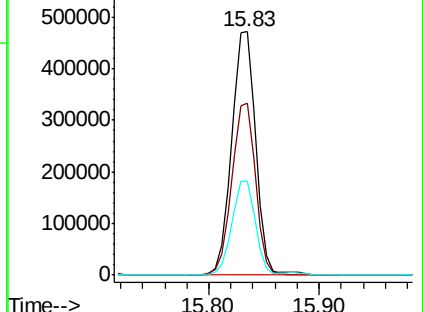
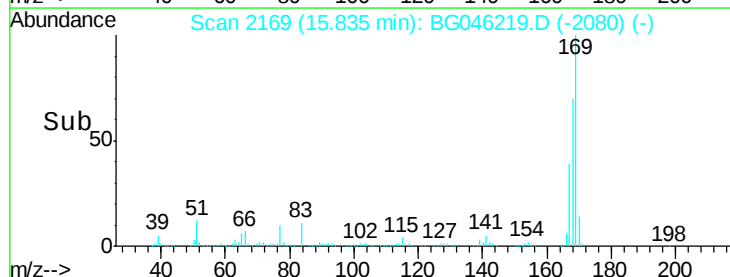
Ion	Ratio	Lower	Upper
169	100		
168	70.5	55.1	82.7
167	38.8	30.5	45.7

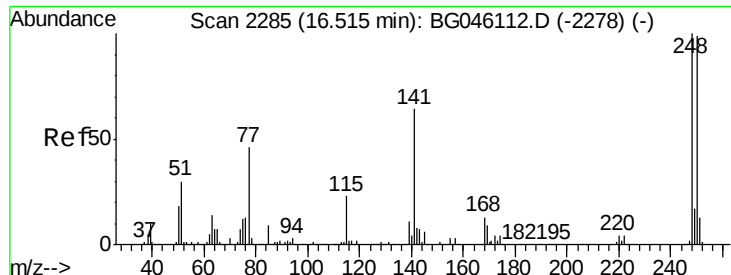


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

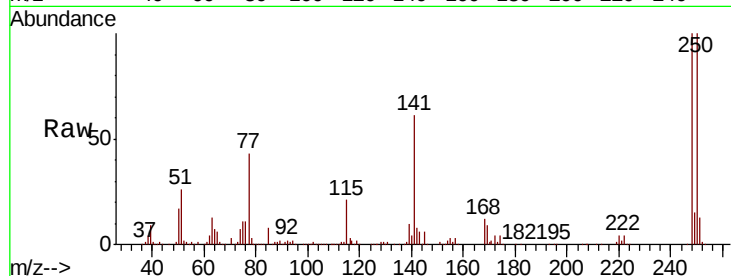




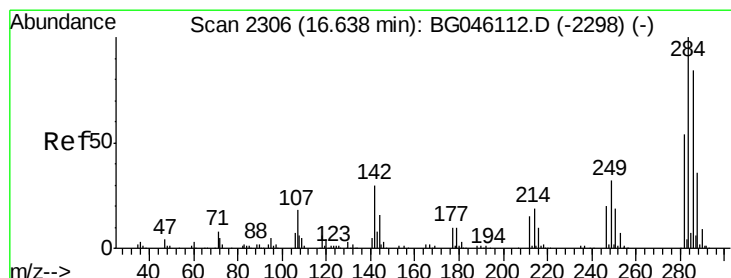
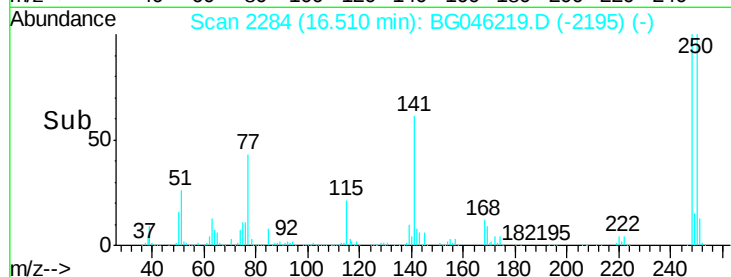
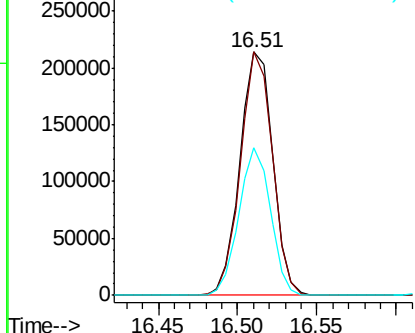
#67
4-Bromophenyl-phenylether
Concen: 41.510 ng
RT: 16.51 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampled :
SS-TP-1MS

Tot Ion:248 Resp: 308314
Ion Ratio Lower Upper
248 100
250 99.9 79.4 119.0
141 60.6 50.9 76.3

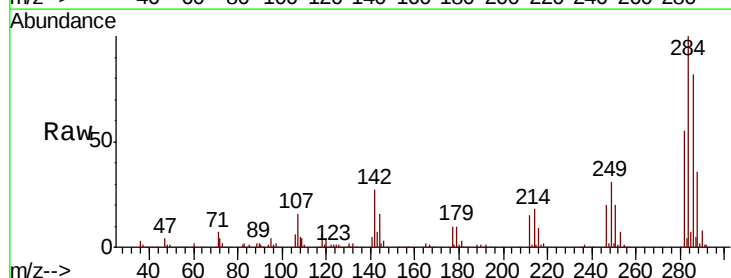


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

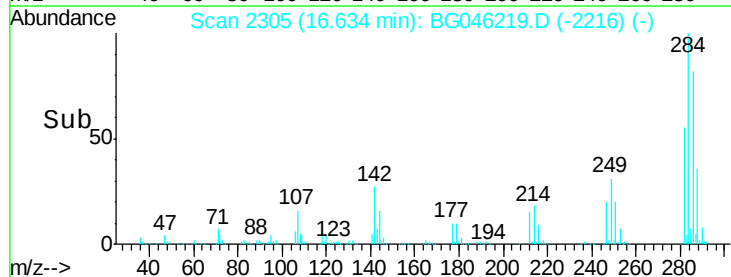
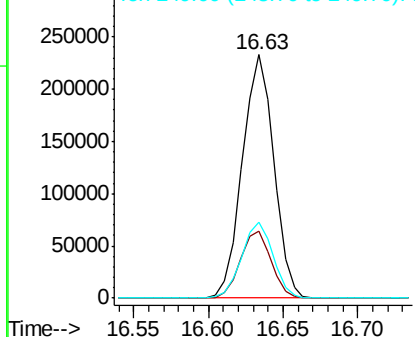


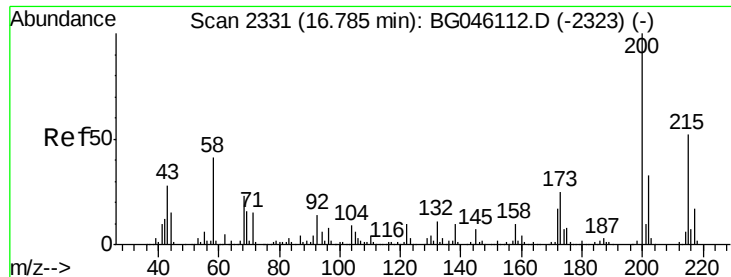
#68
Hexachlorobenzene
Concen: 40.769 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion:284 Resp: 339545
Ion Ratio Lower Upper
284 100
142 27.3 23.6 35.4
249 31.0 25.3 37.9



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: 40.221 ng

RT: 16.78 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampleId :

SS-TP-1MS

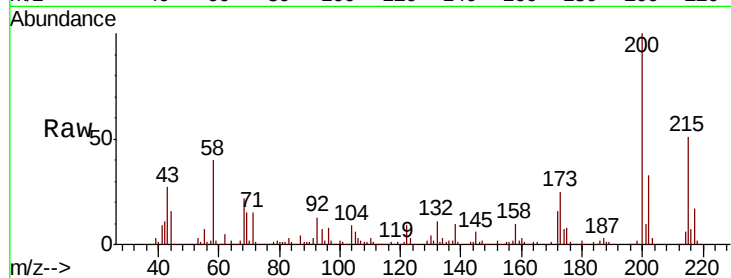
Tot Ion:200 Resp: 281855

Ion Ratio Lower Upper

200 100

173 25.1 5.3 45.3

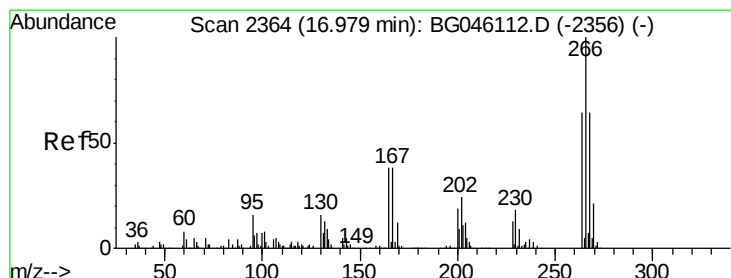
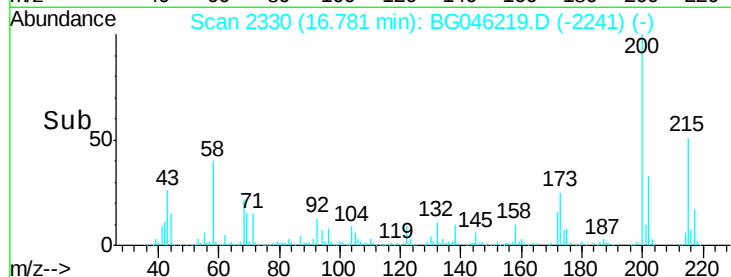
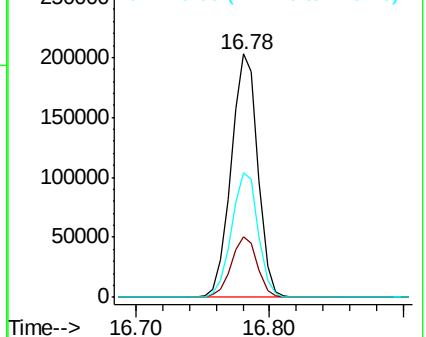
215 51.4 31.5 71.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 83.021 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

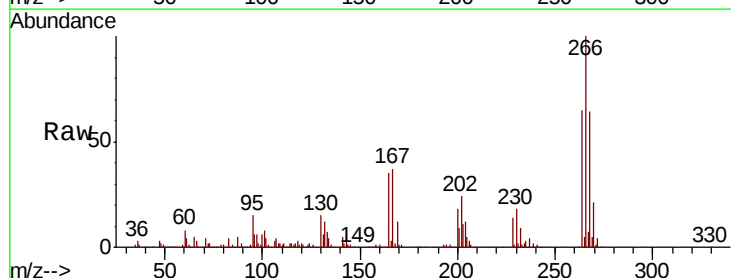
Tgt Ion:266 Resp: 448632

Ion Ratio Lower Upper

266 100

268 64.0 51.2 76.8

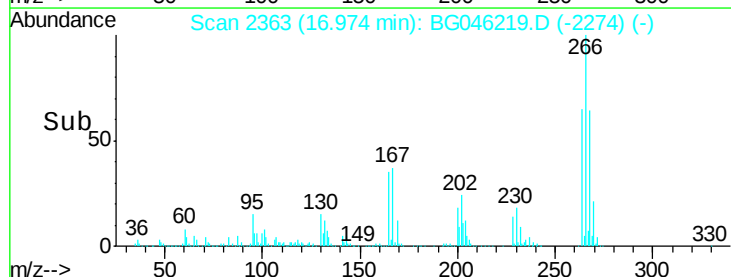
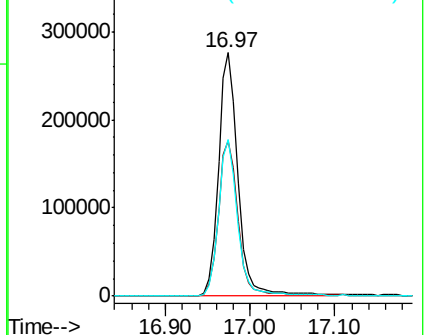
264 64.5 51.1 76.7

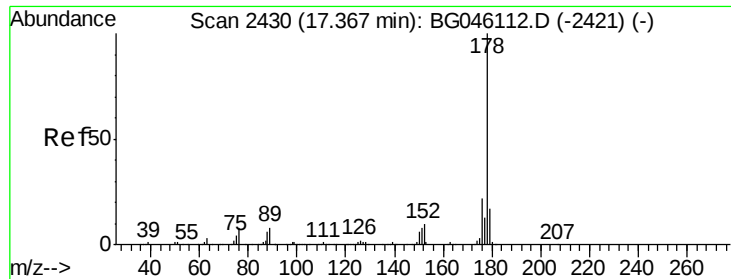


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

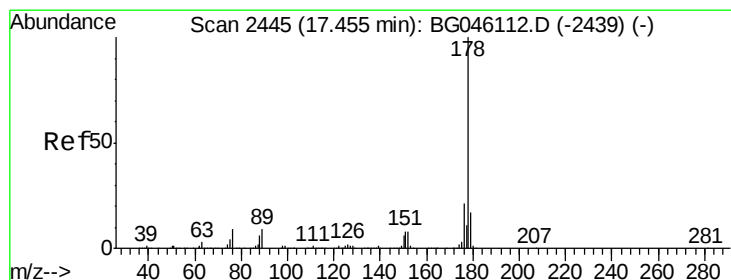
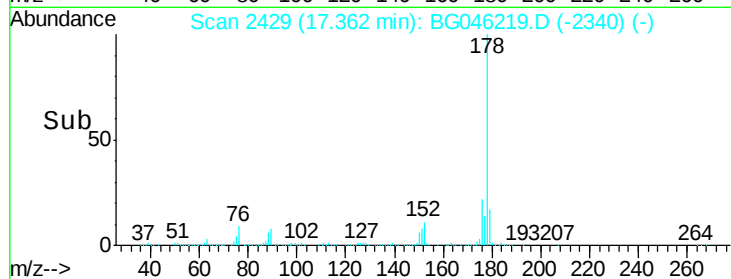
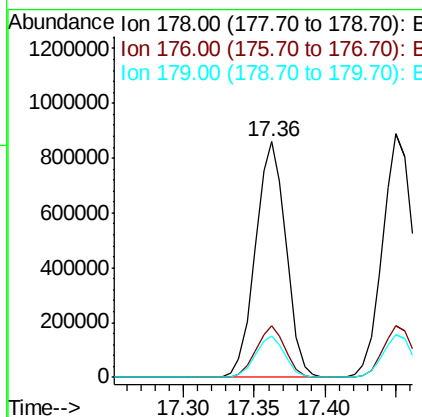
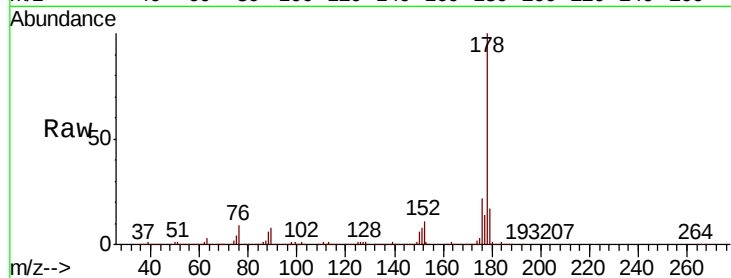




#71
Phenanthrene
Concen: 39.583 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

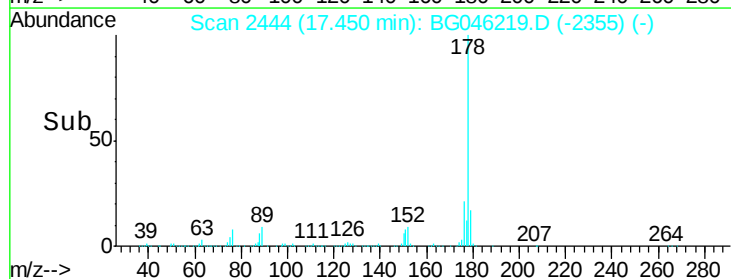
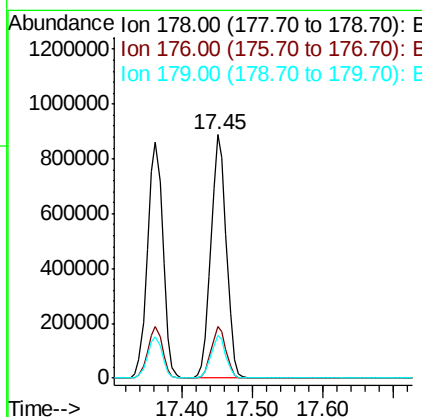
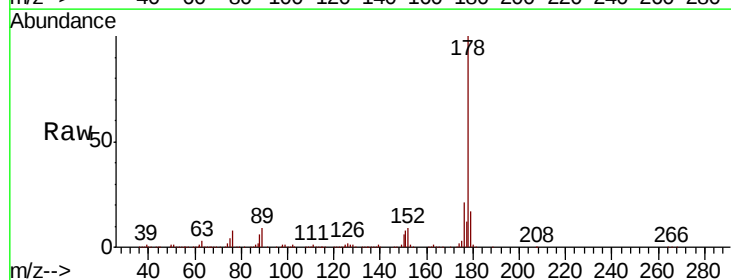
Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

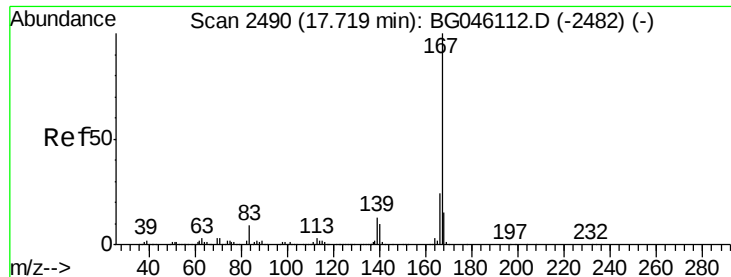
Tot Ion:178 Resp: 1303578
Ion Ratio Lower Upper
178 100
176 21.7 17.3 25.9
179 17.4 13.8 20.6



#72
Anthracene
Concen: 41.106 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion:178 Resp: 1346523
Ion Ratio Lower Upper
178 100
176 21.2 16.6 24.8
179 17.5 13.4 20.2

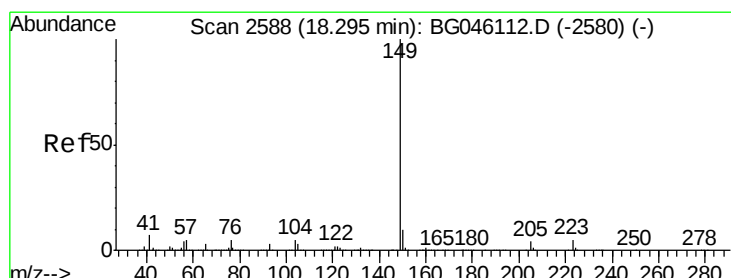
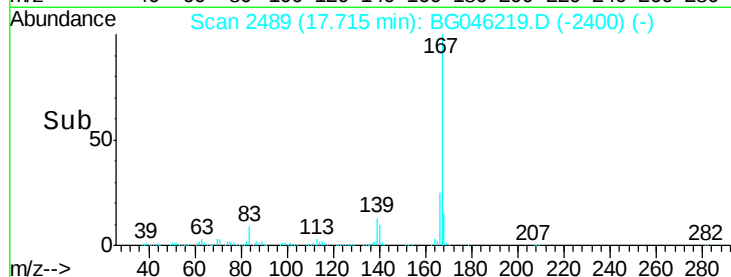
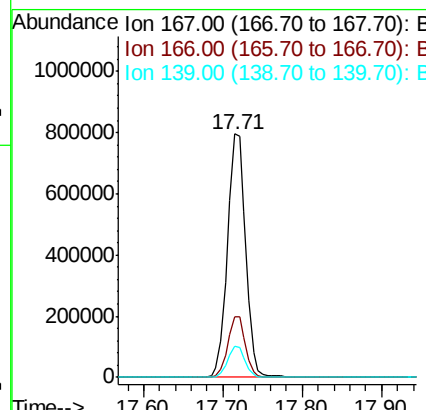
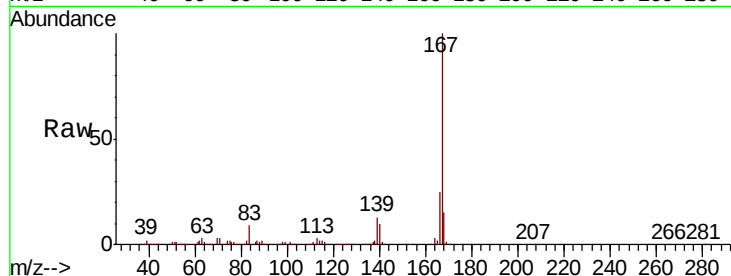




#73
 Carbazole
 Concen: 39.829 ng
 RT: 17.71 min Scan# 2489
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

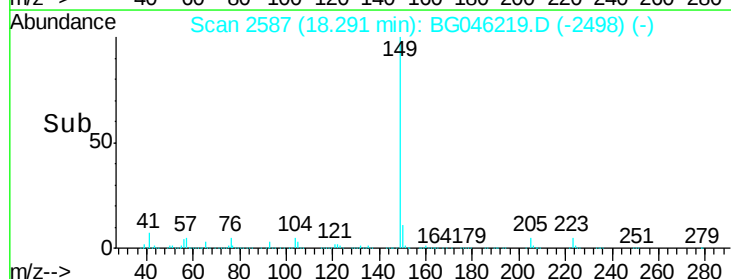
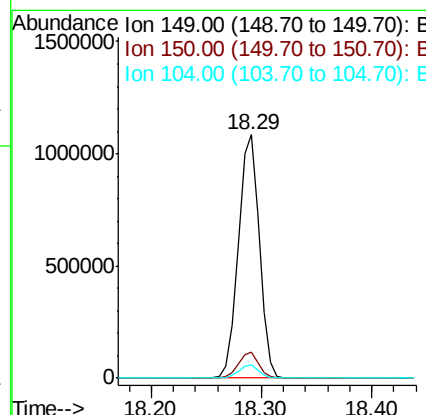
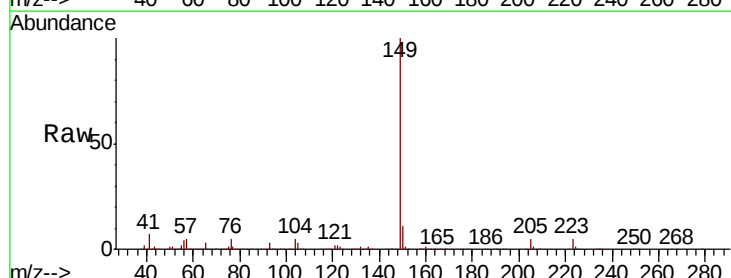
Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-1MS

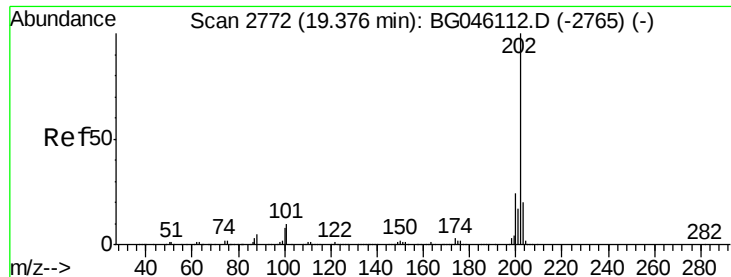
Tot Ion:167 Resp: 1258085
 Ion Ratio Lower Upper
 167 100
 166 24.7 19.4 29.0
 139 12.9 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 43.887 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Tgt Ion:149 Resp: 1449015
 Ion Ratio Lower Upper
 149 100
 150 10.7 8.4 12.6
 104 5.3 4.2 6.2





#75

Fluoranthene

Concen: 39.831 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampleId :

SS-TP-1MS

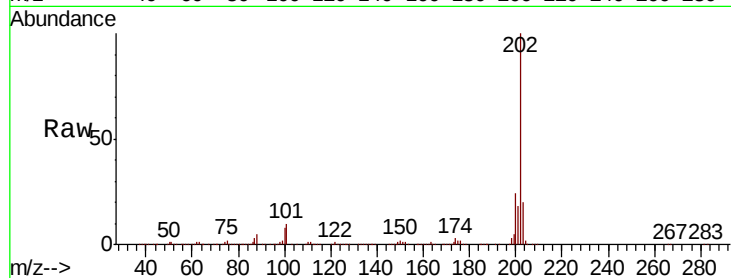
Tot Ion:202 Resp: 1637670

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.0

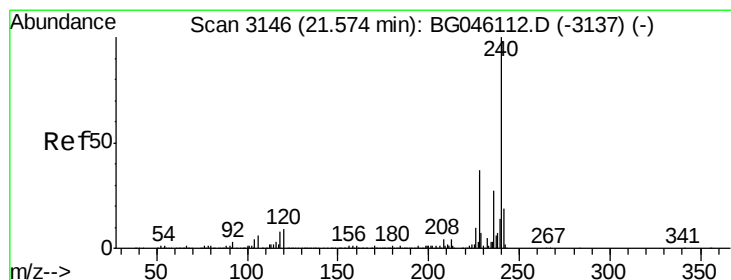
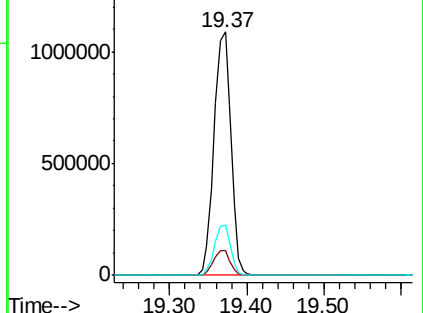
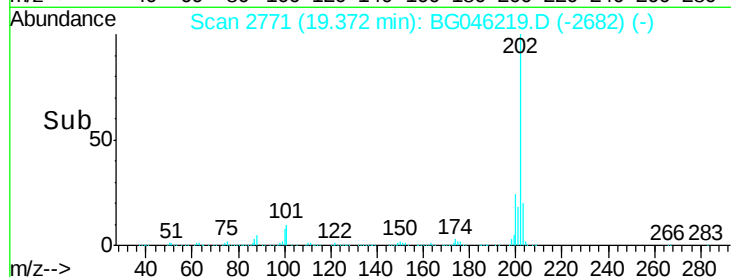
203 20.4 0.2 40.2



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: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

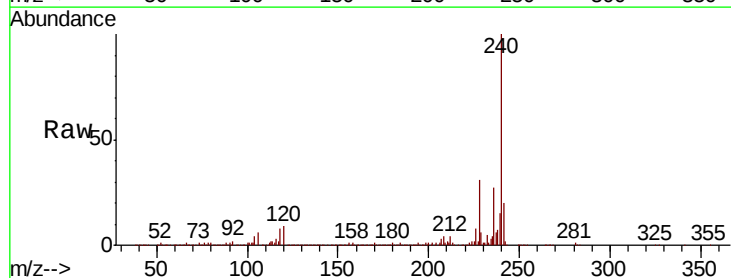
Tgt Ion:240 Resp: 608679

Ion Ratio Lower Upper

240 100

120 8.5 7.1 10.7

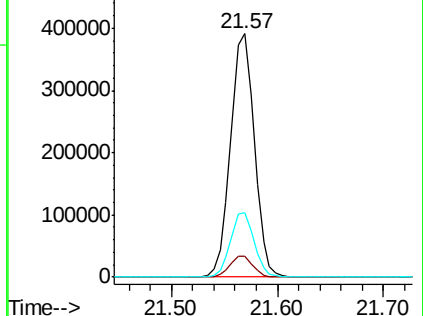
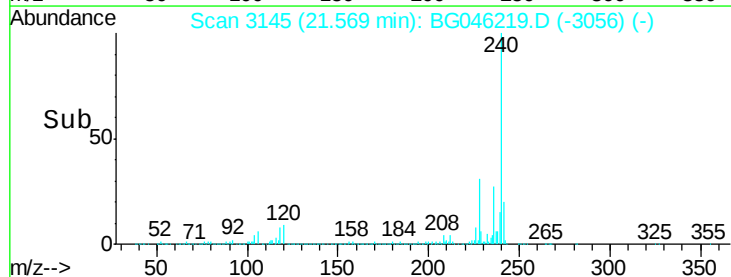
236 26.6 21.7 32.5

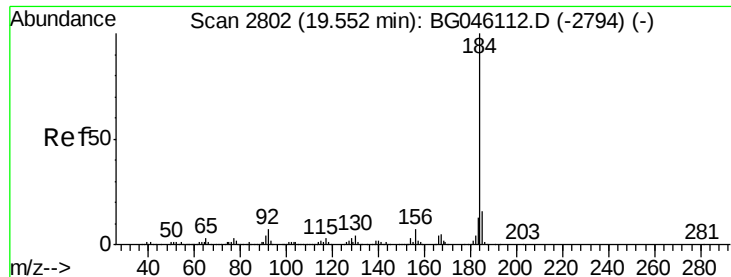


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.598 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampleId :

SS-TP-1MS

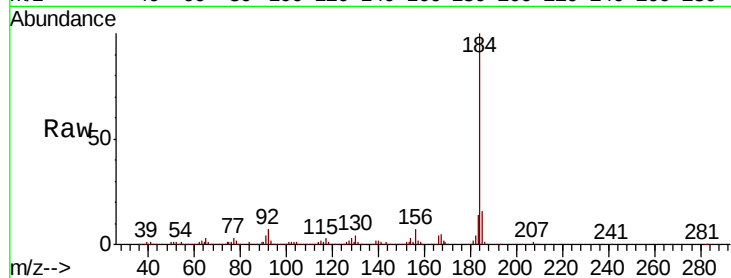
Tot Ion:184 Resp: 855127

Ion Ratio Lower Upper

184 100

185 15.9 13.0 19.4

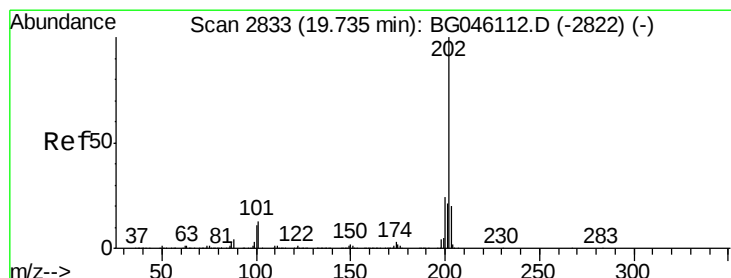
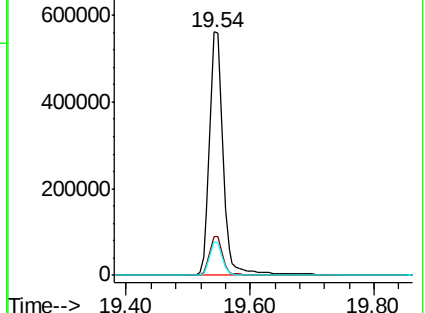
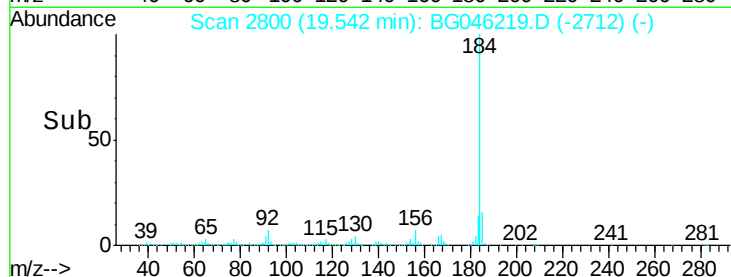
183 13.7 10.5 15.7



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: 39.832 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

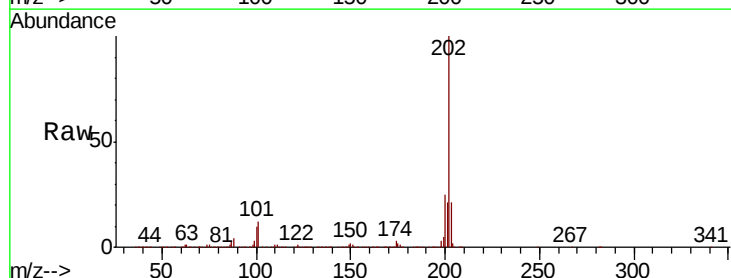
Tgt Ion:202 Resp: 1629019

Ion Ratio Lower Upper

202 100

200 25.0 19.5 29.3

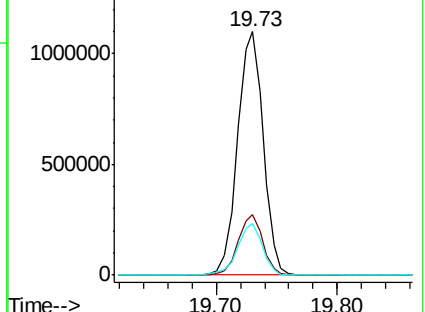
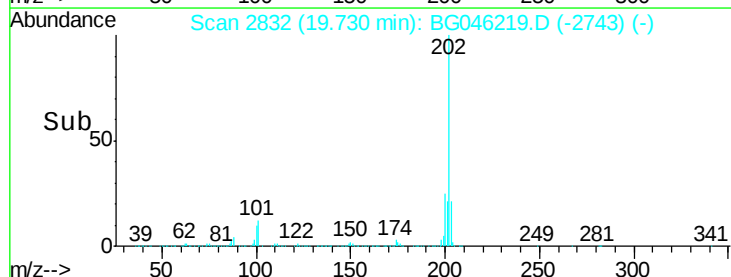
203 21.0 16.2 24.2

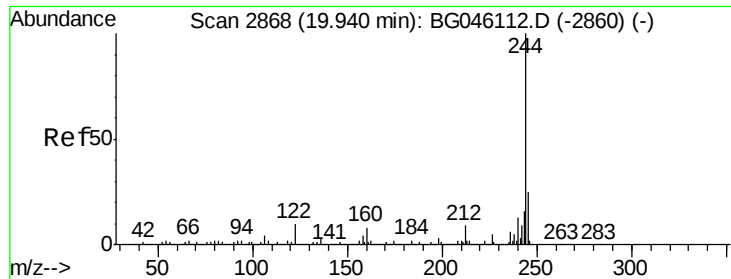


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 50.491 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampled :

SS-TP-1MS

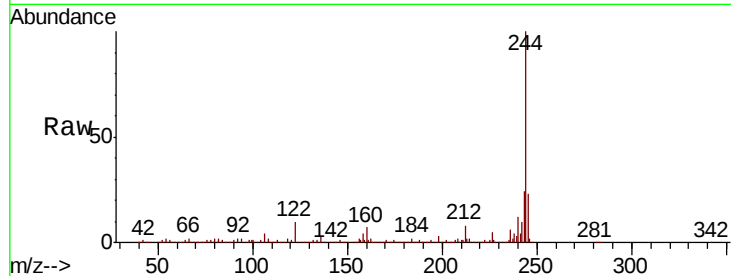
Tot Ion:244 Resp: 1509017

Ion Ratio Lower Upper

244 100

212 8.0 7.2 10.8

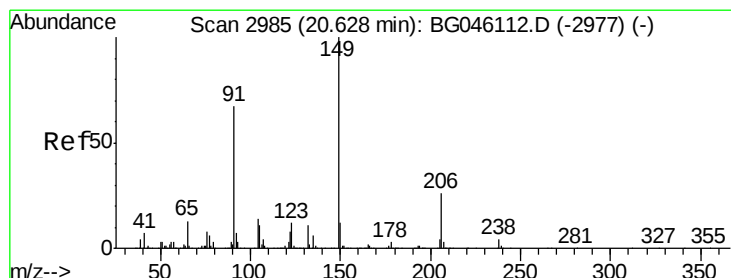
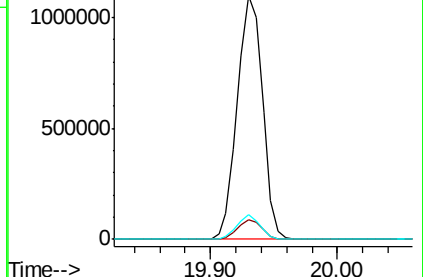
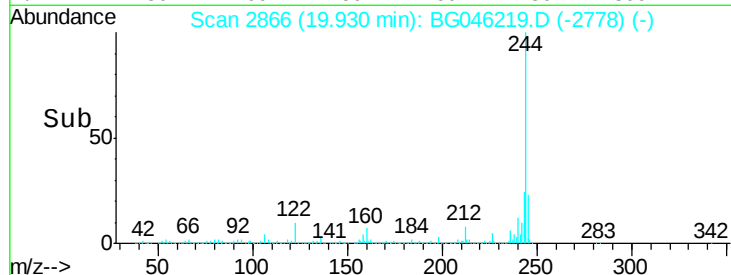
122 9.9 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.909 ng

RT: 20.62 min Scan# 2984

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

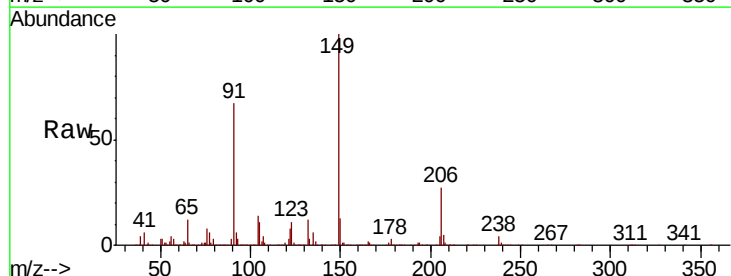
Tgt Ion:149 Resp: 665326

Ion Ratio Lower Upper

149 100

91 67.1 53.8 80.8

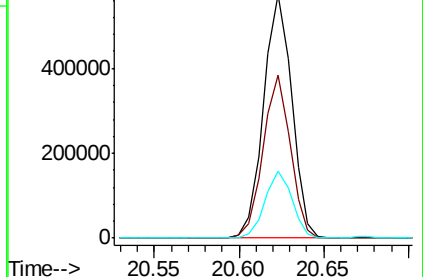
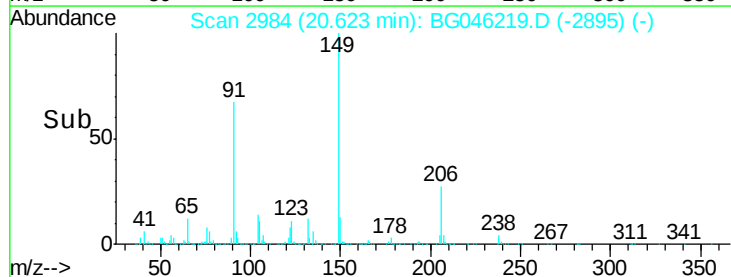
206 27.3 20.4 30.6

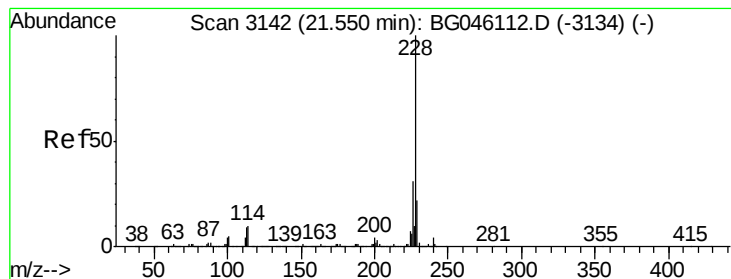


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.992 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampleId :

SS-TP-1MS

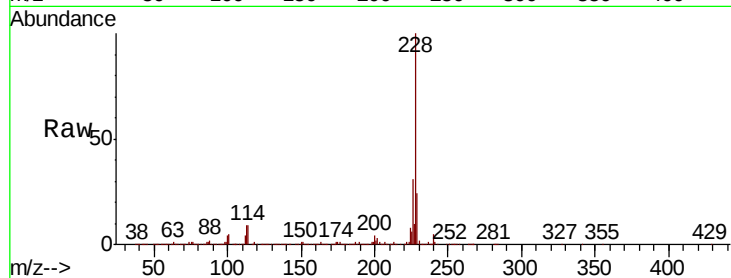
Tot Ion:228 Resp: 1628993

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.7	37.1
229	23.6	17.8	26.8

228 100

226 30.9 24.7 37.1

229 23.6 17.8 26.8



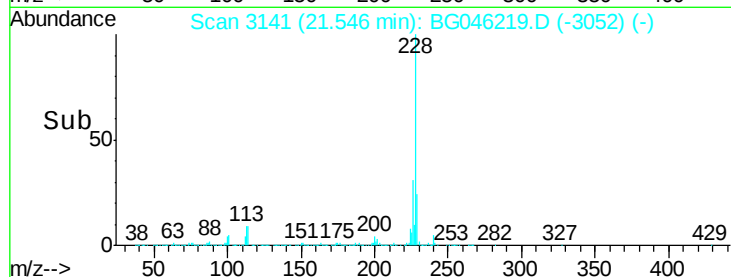
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

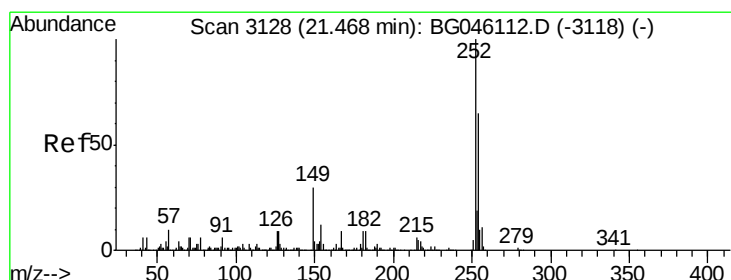
Ion 229.00 (228.70 to 229.70): E

21.55

Time-->



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 25.806 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

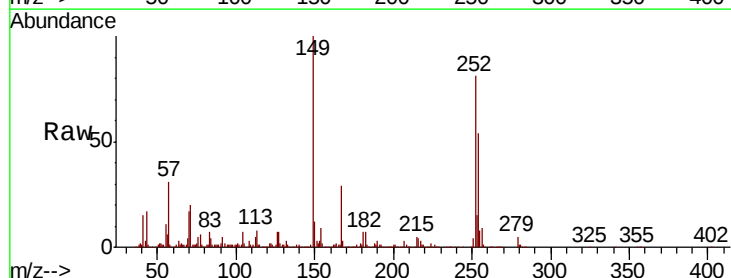
Tgt Ion:252 Resp: 436505

Ion	Ratio	Lower	Upper
252	100		
254	66.3	51.8	77.8
126	8.7	7.1	10.7

252 100

254 66.3 51.8 77.8

126 8.7 7.1 10.7



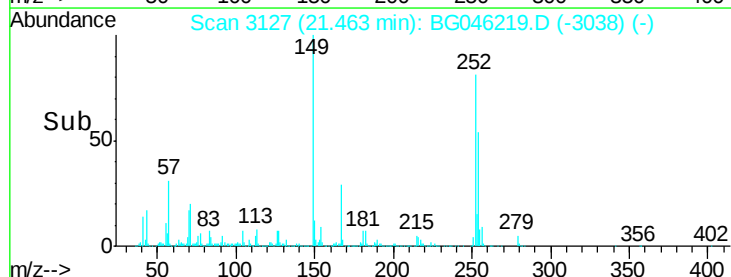
Abundance Ion 252.00 (251.70 to 252.70): E

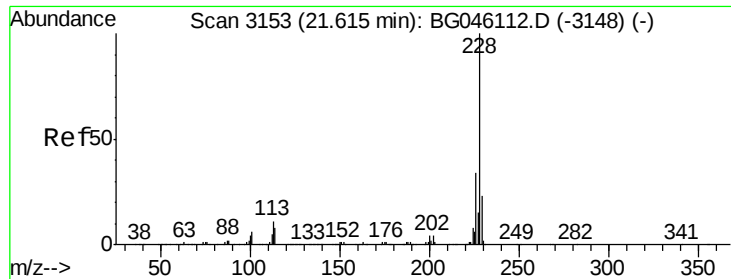
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

21.46

Time-->





#83

Chrysene

Concen: 38.785 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

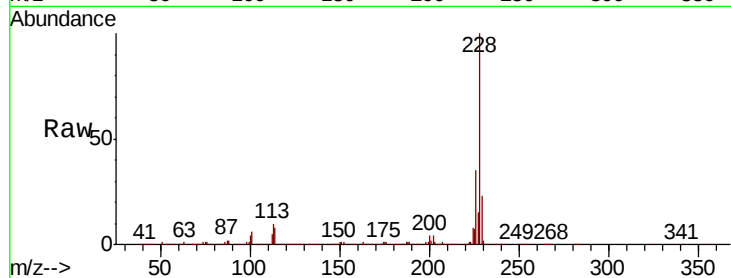
BNA_G

ClientSampleId :

SS-TP-1MS

Tot Ion:228 Resp: 1547600

Ion	Ratio	Lower	Upper
228	100		
226	34.7	26.9	40.3
229	23.2	18.2	27.4

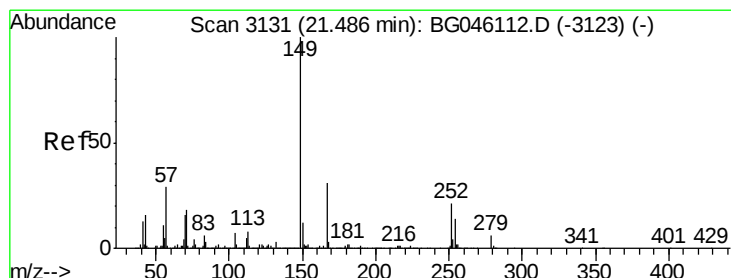
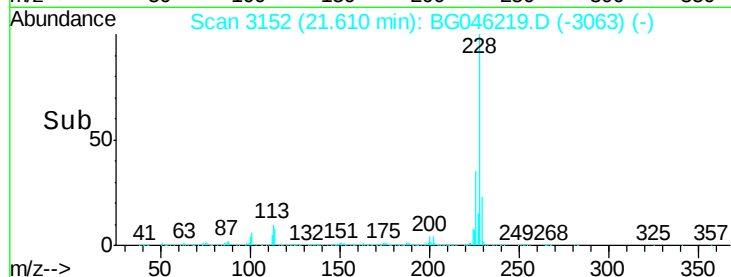
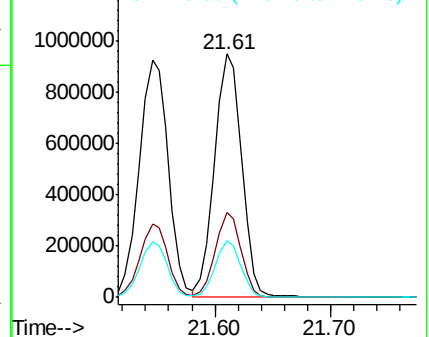


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.818 ng

RT: 21.48 min Scan# 3129

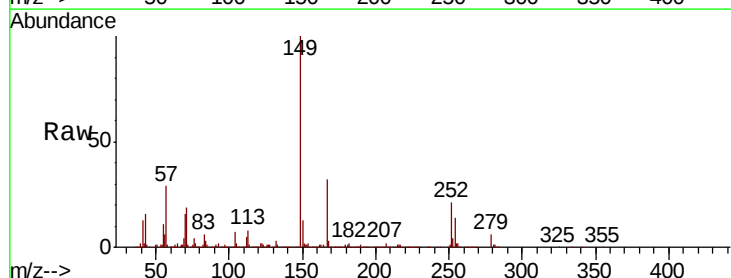
Delta R.T. -0.01 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Tgt Ion:149 Resp: 928091

Ion	Ratio	Lower	Upper
149	100		
167	31.8	24.8	37.2
279	6.2	4.6	6.8

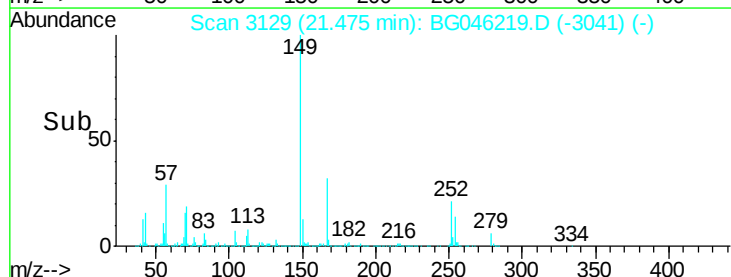
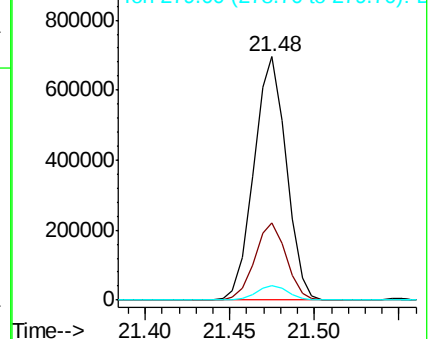


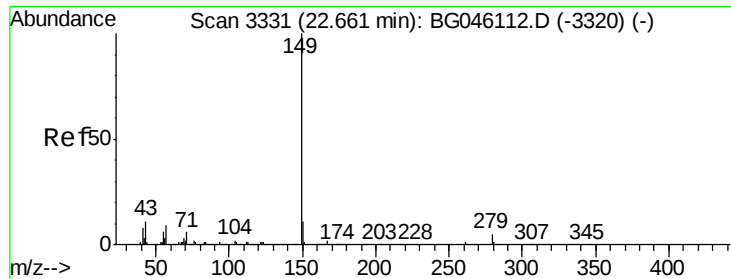
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.762 ng

RT: 22.65 min Scan# 3329

Delta R.T. -0.01 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampleId :

SS-TP-1MS

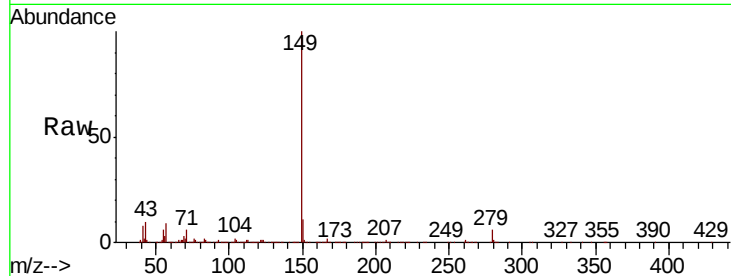
Tot Ion:149 Resp: 1605242

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

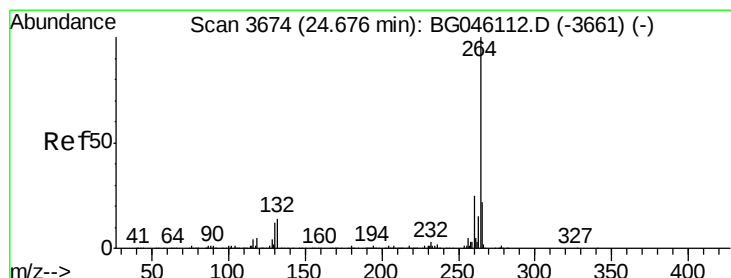
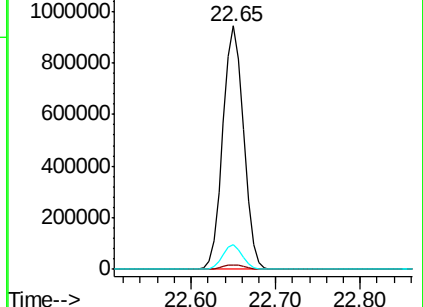
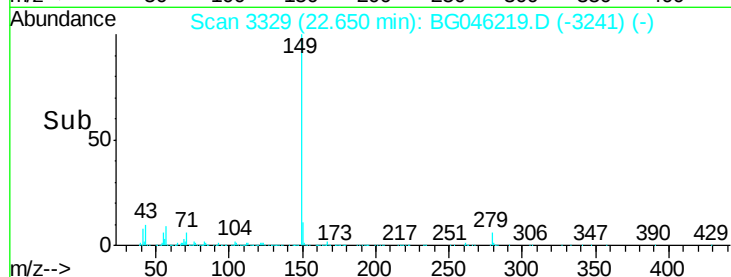
43 9.5 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

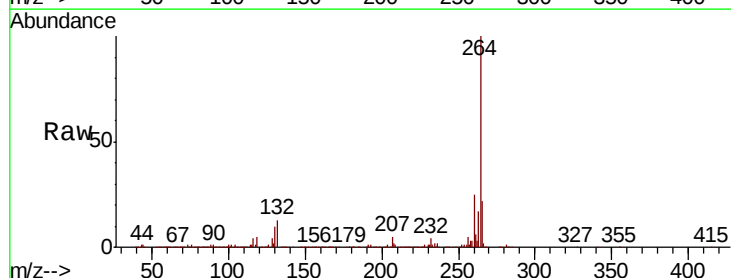
Tgt Ion:264 Resp: 666091

Ion Ratio Lower Upper

264 100

260 25.2 19.7 29.5

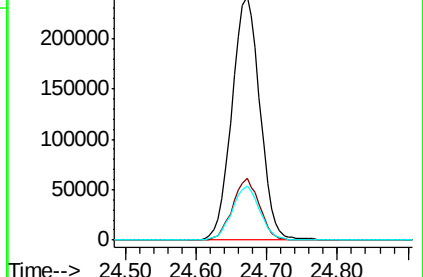
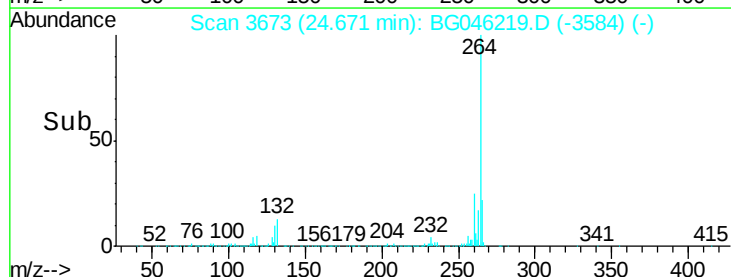
265 22.4 17.6 26.4

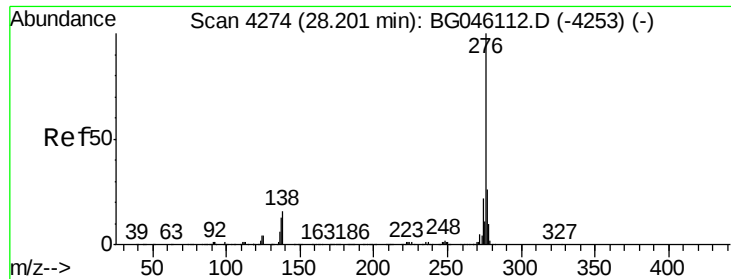


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

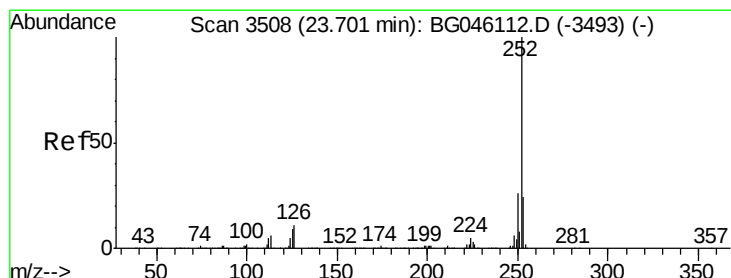
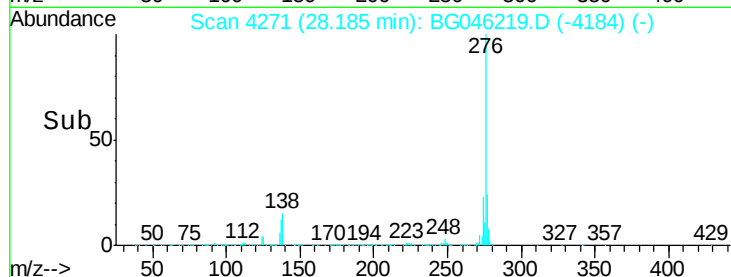
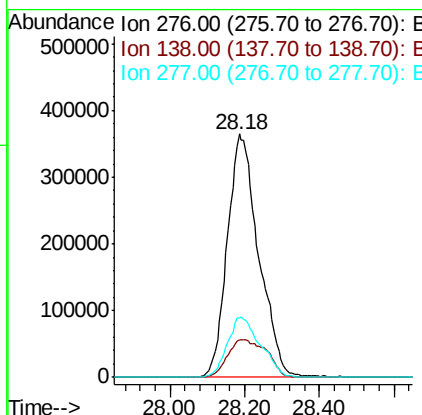
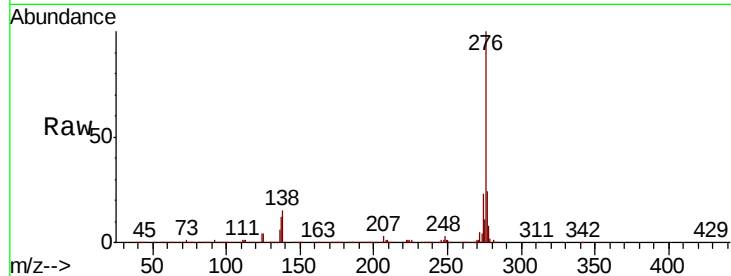




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.815 ng
 RT: 28.18 min Scan# 4271
 Delta R.T. -0.02 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

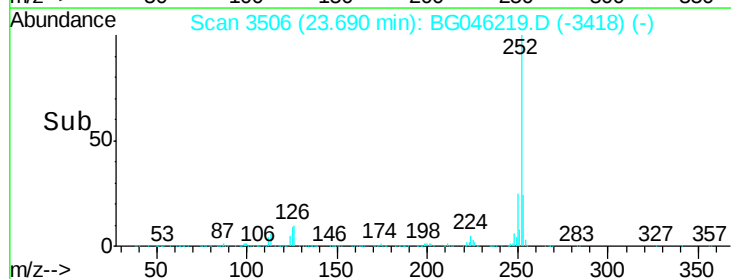
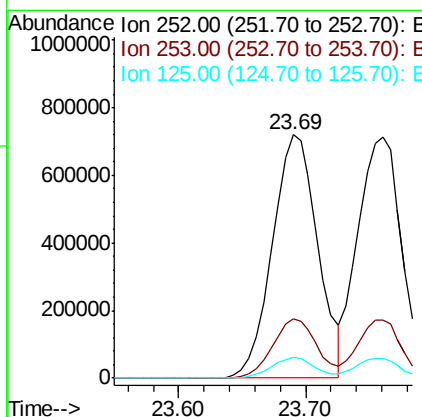
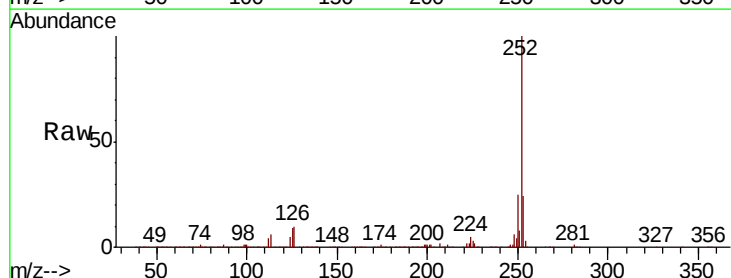
Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-1MS

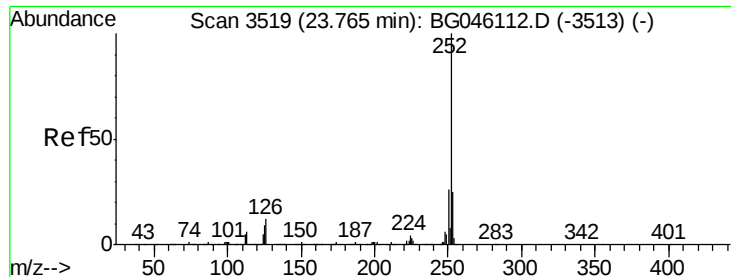
Tot Ion:276 Resp: 2124196
 Ion Ratio Lower Upper
 276 100
 138 19.6 11.6 17.4#
 277 26.0 20.8 31.2



#88
 Benzo(b)fluoranthene
 Concen: 40.041 ng
 RT: 23.69 min Scan# 3506
 Delta R.T. -0.01 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Tgt Ion:252 Resp: 1787282
 Ion Ratio Lower Upper
 252 100
 253 24.5 19.2 28.8
 125 8.8 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 39.275 ng

RT: 23.76 min Scan# 3518

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampleId :

SS-TP-1MS

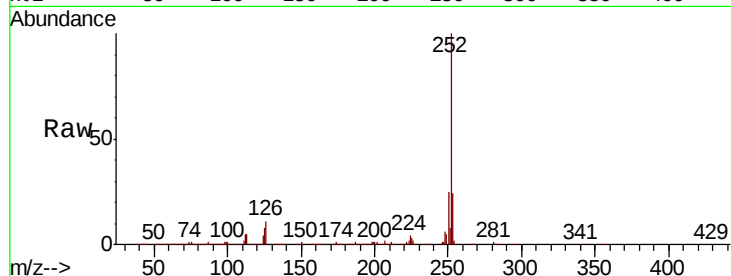
Tot Ion:252 Resp: 1719493

Ion Ratio Lower Upper

252 100

253 24.0 19.5 29.3

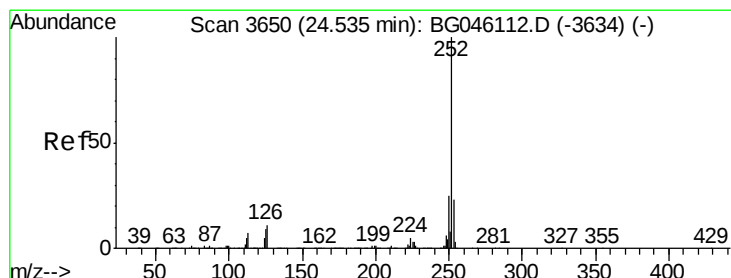
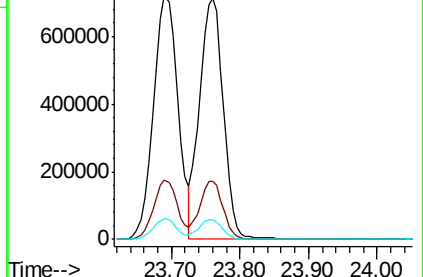
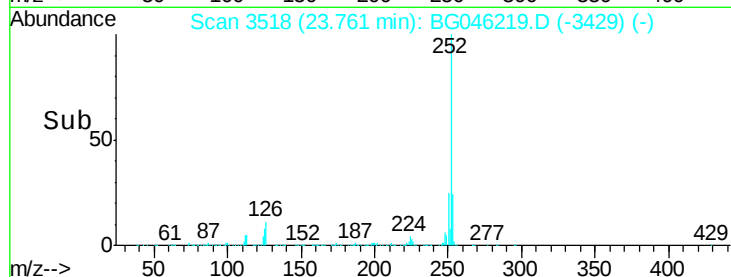
125 8.2 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.727 ng

RT: 24.53 min Scan# 3649

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

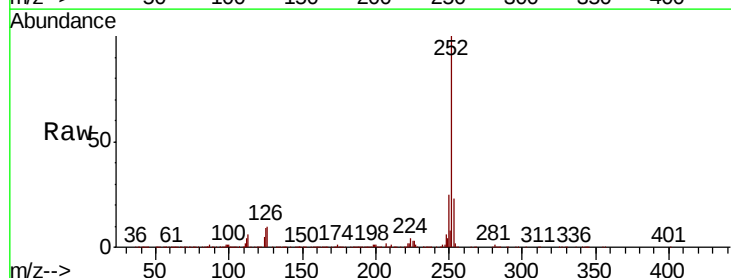
Tgt Ion:252 Resp: 1650047

Ion Ratio Lower Upper

252 100

253 23.4 18.6 27.8

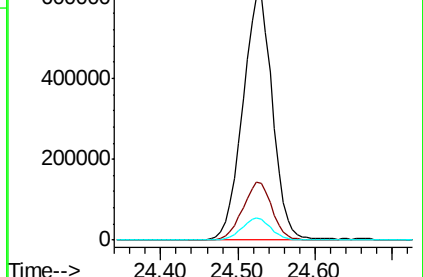
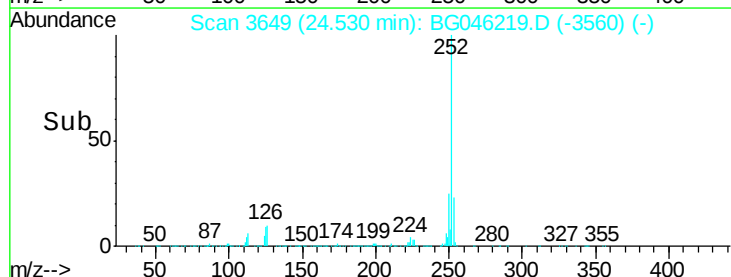
125 8.5 7.1 10.7

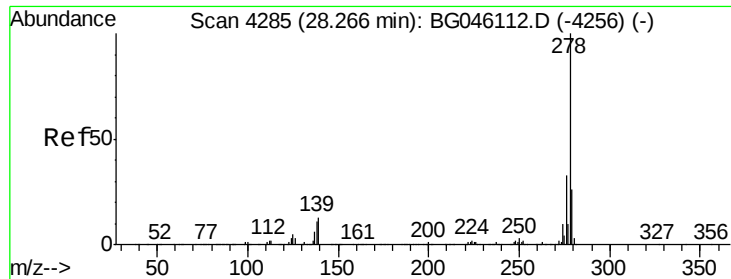


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



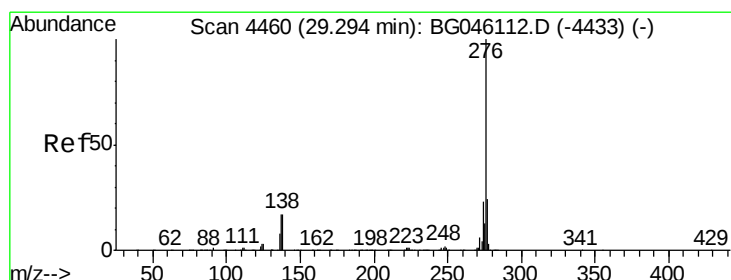
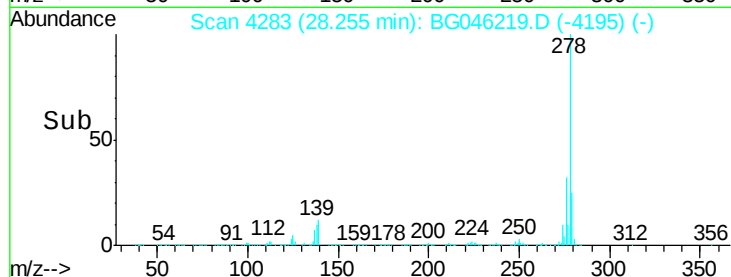
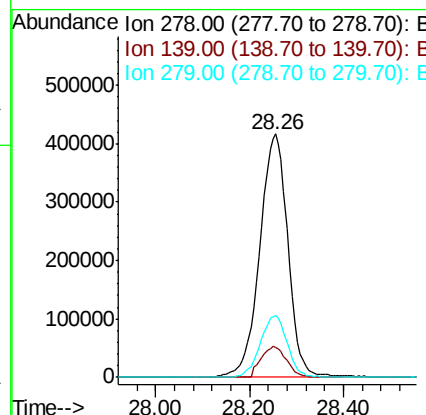
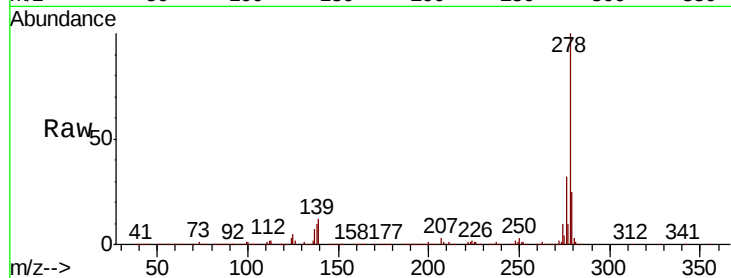


#91
Dibenzo(a,h)anthracene
Concen: 40.838 ng
RT: 28.26 min Scan# 4283
Delta R.T. -0.01 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

Tot Ion:278 Resp: 1734267

Ion	Ratio	Lower	Upper
278	100		
139	12.2	10.8	16.2
279	25.2	20.5	30.7



#92
Benzo(g,h,i)perylene
Concen: 41.492 ng
RT: 29.30 min Scan# 4460
Delta R.T. 0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion:276 Resp: 1779522

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.5	29.3
138	17.3	13.8	20.6

