

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
 Data File : BG046008.D
 Acq On : 10 Jul 2020 15:48
 Operator : CG/JU
 Sample : L3247-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MSD

Quant Time: Jul 10 17:25:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	117320	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	488887	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	319141	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	727679	20.00	ng	0.00
76) Chrysene-d12	21.63	240	604173	20.00	ng	0.00
86) Perylene-d12	24.78	264	609515	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	980989	135.60	ng	0.00
7) Phenol-d6	7.16	99	1243684	119.41	ng	0.00
23) Nitrobenzene-d5	9.16	82	1009227	118.82	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	496783	167.72	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1884393	92.10	ng	0.00
79) Terphenyl-d14	19.99	244	2777734	102.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	137164	41.095	ng	# 33
3) Pyridine	3.90	79	412571	40.880	ng	100
4) n-Nitrosodimethylamine	3.81	42	177822	52.107	ng	# 93
6) Aniline	7.33	93	555237	41.671	ng	99
8) 2-Chlorophenol	7.57	128	409755	52.615	ng	97
9) Benzaldehyde	7.14	77	147593	22.366	ng	94
10) Phenol	7.19	94	462230	44.240	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	422478	48.899	ng	98
12) 1,3-Dichlorobenzene	7.90	146	387457	43.163	ng	99
13) 1,4-Dichlorobenzene	8.04	146	393294	44.538	ng	99
14) 1,2-Dichlorobenzene	8.36	146	372967	43.885	ng	99
15) Benzyl Alcohol	8.24	79	428771	52.502	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.53	45	536163	47.564	ng	97
17) 2-Methylphenol	8.44	107	365783	46.657	ng	98
18) Hexachloroethane	9.09	117	148439	43.688	ng	93
19) n-Nitroso-di-n-propylamine	8.81	70	390884	53.421	ng	99
20) 3+4-Methylphenols	8.77	107	497906	46.600	ng	98
22) Acetophenone	8.82	105	645995	49.461	ng	98
24) Nitrobenzene	9.20	77	558483	59.572	ng	98
25) Isophorone	9.73	82	1053189	50.792	ng	98
26) 2-Nitrophenol	9.91	139	212650	69.591	ng	93
27) 2,4-Dimethylphenol	9.97	122	377999	51.215	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	595247	51.121	ng	100
29) 2,4-Dichlorophenol	10.45	162	396204	51.857	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	381327	45.044	ng	99
31) Naphthalene	10.85	128	1233981	47.083	ng	99
32) Benzoic acid	10.11	122	253607	55.142	ng	95
33) 4-Chloroaniline	10.95	127	305271	26.066	ng	98
34) Hexachlorobutadiene	11.15	225	202779	41.024	ng	99
35) Caprolactam	11.72	113	74011	25.514	ng	89
36) 4-Chloro-3-methylphenol	12.08	107	486327	55.886	ng	99
37) 2-Methylnaphthalene	12.46	142	936513	50.268	ng	99
38) 1-Methylnaphthalene	12.68	142	902285	51.318	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	405726	45.099	ng	98

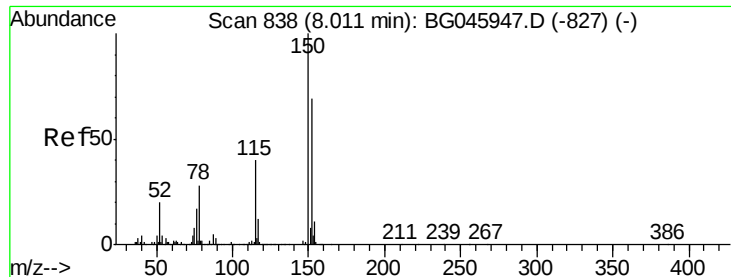
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	438864	82.213	nq	94
43) 2,4,6-Trichlorophenol	13.06	196	326795	53.712	nq	98
44) 2,4,5-Trichlorophenol	13.13	196	343898	49.991	nq	99
46) 1,1'-Biphenyl	13.47	154	1154352	48.083	nq	100
47) 2-Chloronaphthalene	13.51	162	882428	46.585	nq	98
48) 2-Nitroaniline	13.70	65	334412	61.923	nq	98
49) Acenaphthylene	14.35	152	1485132	48.594	nq	99
50) Dimethylphthalate	14.09	163	1217986	50.854	nq	100
51) 2,6-Dinitrotoluene	14.20	165	279588	64.075	nq	94
52) Acenaphthene	14.70	154	1042777	54.094	nq	100
53) 3-Nitroaniline	14.52	138	267281	50.672	nq	# 94
54) 2,4-Dinitrophenol	14.72	184	188183	114.568	nq	# 84
55) Dibenzofuran	15.03	168	1388850	49.149	nq	99
56) 4-Nitrophenol	14.83	139	451684	115.755	nq	99
57) 2,4-Dinitrotoluene	14.98	165	385247	68.253	nq	96
58) Fluorene	15.68	166	1176948	50.772	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.17	232	312519	58.840	nq	99
60) Diethylphthalate	15.45	149	1291235	51.407	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	561356	48.676	nq	98
62) 4-Nitroaniline	15.69	138	292966	59.183	nq	96
63) Azobenzene	15.96	77	1438214	53.348	nq	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	160693	61.853	nq	96
66) n-Nitrosodiphenylamine	15.88	169	1079382	47.867	nq	99
67) 4-Bromophenyl-phenylether	16.56	248	375705	46.228	nq	95
68) Hexachlorobenzene	16.69	284	393500	48.250	nq	100
69) Atrazine	16.83	200	369248	55.385	nq	96
70) Pentachlorophenol	17.02	266	490348	108.142	nq	98
71) Phenanthrene	17.42	178	1862116	48.404	nq	96
72) Anthracene	17.50	178	1907058	48.847	nq	97
73) Carbazole	17.77	167	1862688	47.599	nq	99
74) Di-n-butylphthalate	18.34	149	2228893	47.134	nq	98
75) Fluoranthene	19.42	202	2164254	48.665	nq	96
77) Benzidine	19.59	184	436874	25.290	nq	99
78) Pyrene	19.78	202	2128726	51.617	nq	98
80) Butylbenzylphthalate	20.68	149	1040983	53.414	nq	97
81) Benzo(a)anthracene	21.61	228	1926620	48.497	nq	99
82) 3,3'-Dichlorobenzidine	21.53	252	527639	35.944	nq	99
83) Chrysene	21.68	228	1857498	49.080	nq	96
84) Bis(2-ethylhexyl)phthalate	21.55	149	1424219	50.344	nq	100
85) Di-n-octyl phthalate	22.75	149	2411195	49.115	nq	99
87) Indeno(1,2,3-cd)pyrene	28.38	276	2440216	54.725	nq	# 92
88) Benzo(b)fluoranthene	23.79	252	2058246	53.195	nq	96
89) Benzo(k)fluoranthene	23.86	252	1978517	54.078	nq	97
90) Benzo(a)pyrene	24.64	252	1894211	52.062	nq	100
91) Dibenzo(a,h)anthracene	28.45	278	1957646	54.432	nq	100
92) Benzo(g,h,i)perylene	29.49	276	1978496	54.665	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 837

Delta R.T. -0.01 min

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MH-D19MSD

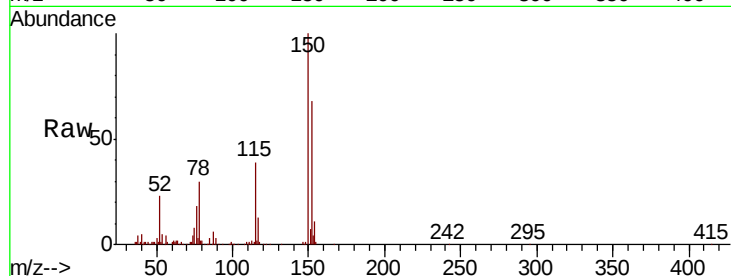
Tot Ion:152 Resp: 117320

Ion Ratio Lower Upper

152 100

150 146.9 116.7 175.1

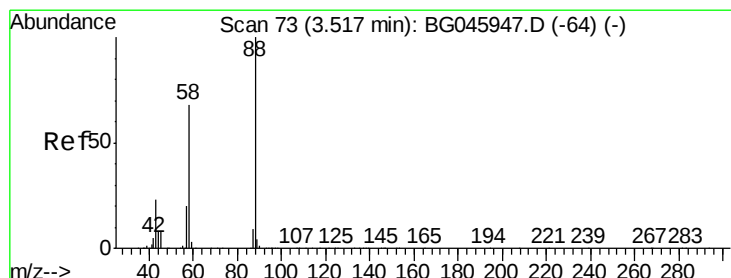
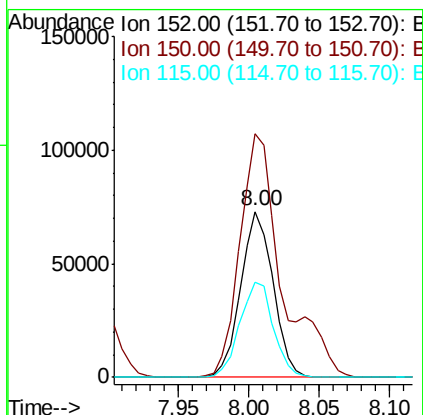
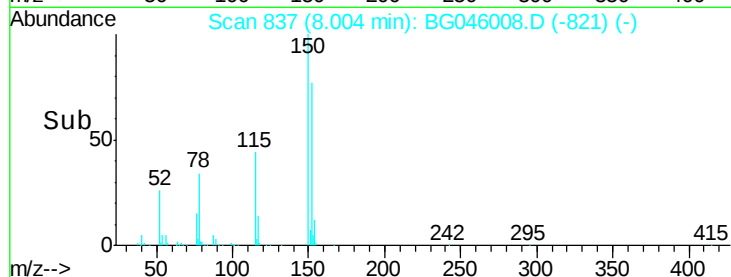
115 57.3 47.4 71.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.095 ng

RT: 3.52 min Scan# 73

Delta R.T. -0.00 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

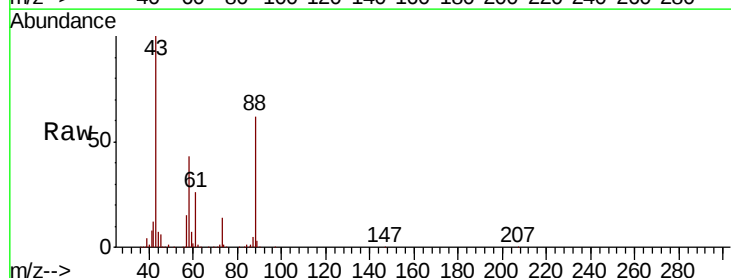
Tgt Ion: 88 Resp: 137164

Ion Ratio Lower Upper

88 100

58 69.7 55.2 82.8

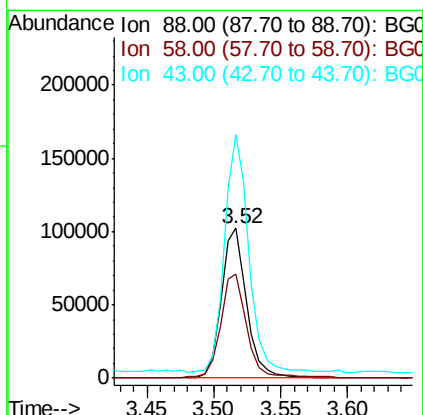
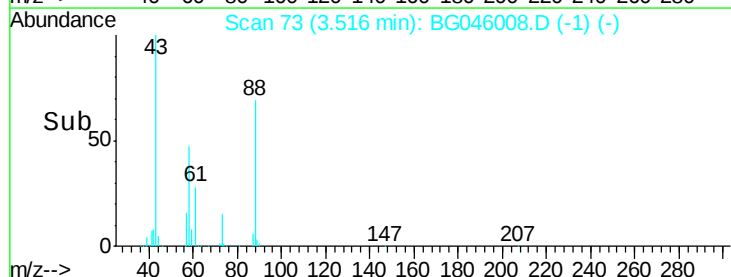
43 150.3 19.4 29.0#

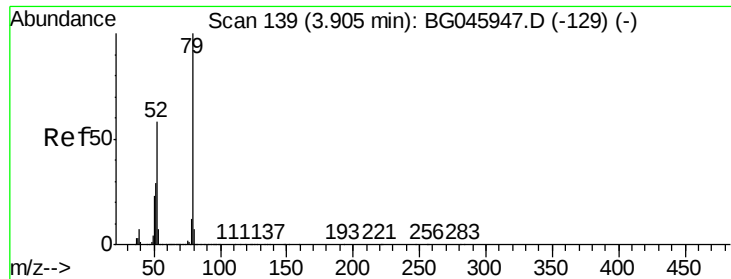


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.880 ng

RT: 3.90 min Scan# 139

Delta R.T. 0.00 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_G

ClientSampleId :

MH-D19MSD

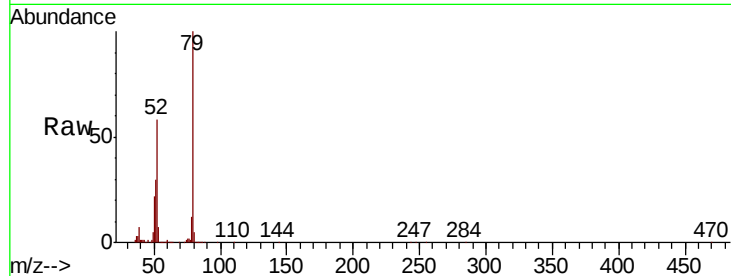
Tot Ion: 79 Resp: 412571

Ion Ratio Lower Upper

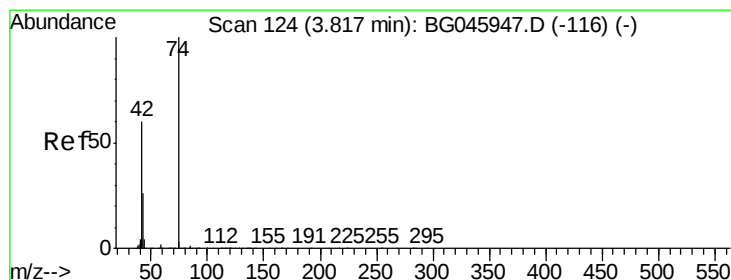
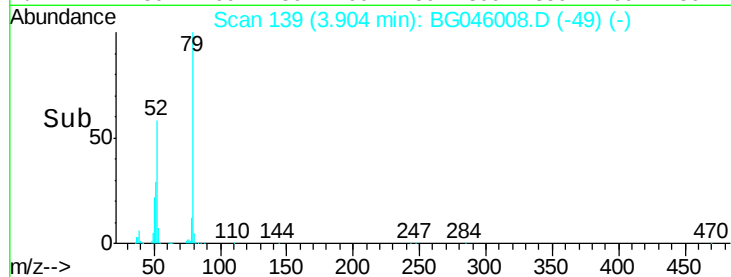
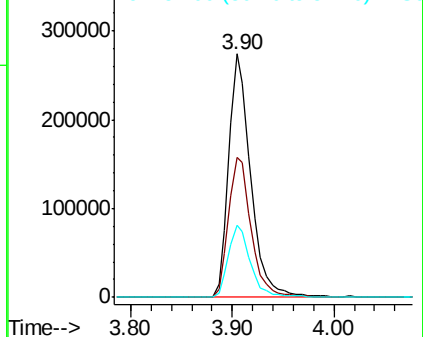
79 100

52 57.6 46.5 69.7

51 29.5 23.5 35.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 52.107 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

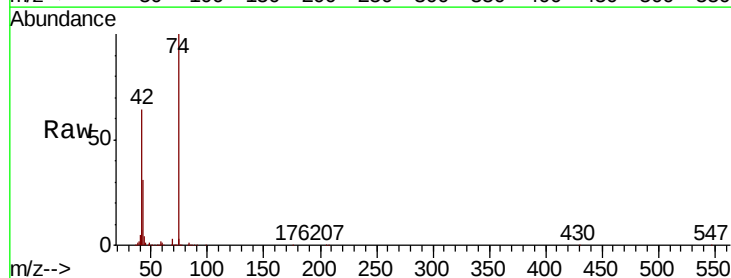
Tgt Ion: 42 Resp: 177822

Ion Ratio Lower Upper

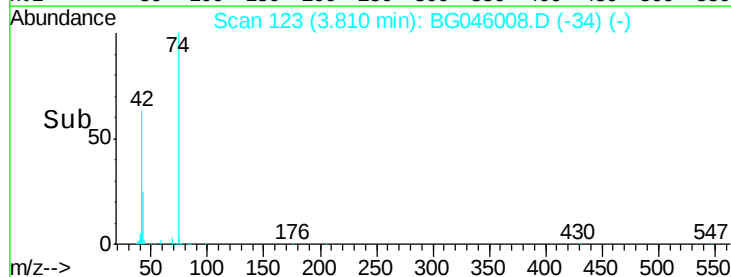
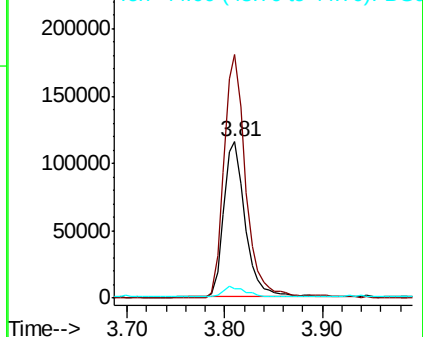
42 100

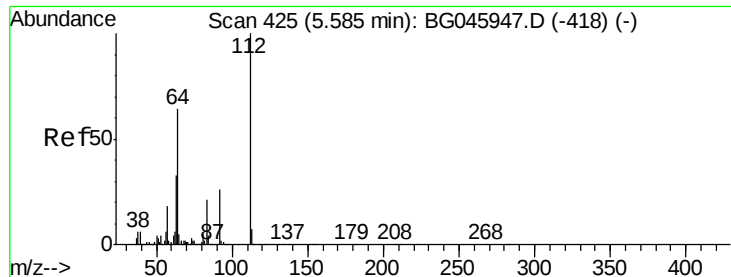
74 155.6 131.9 197.9

44 5.7 7.7 11.5#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 135.598 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.01 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_G

ClientSampleId :

MH-D19MSD

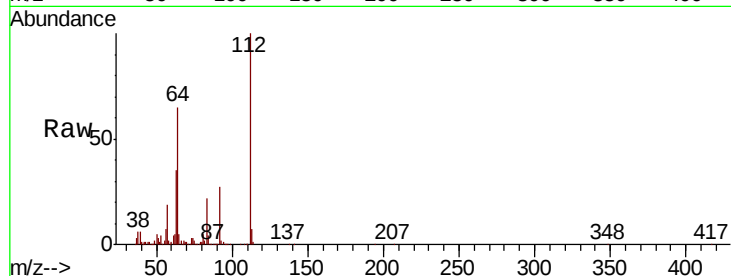
Tot Ion:112 Resp: 980989

Ion Ratio Lower Upper

112 100

64 65.1 51.4 77.2

63 35.0 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

800000

600000

400000

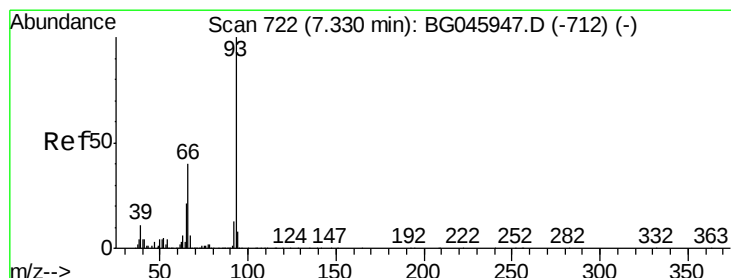
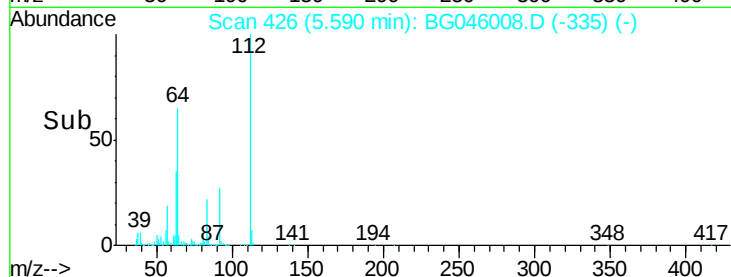
200000

0

5.59

5.50 5.55 5.60 5.65

Time-->



#6

Aniline

Concen: 41.671 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

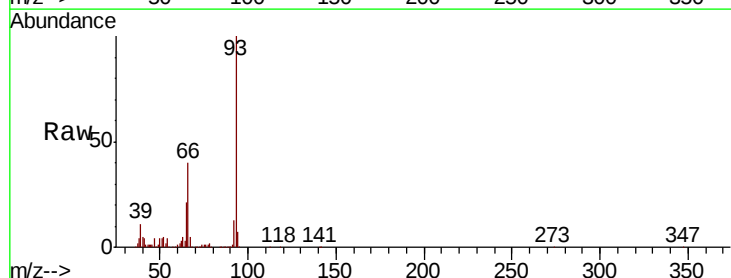
Tgt Ion: 93 Resp: 555237

Ion Ratio Lower Upper

93 100

66 39.7 32.3 48.5

65 20.6 16.6 25.0



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

400000

300000

200000

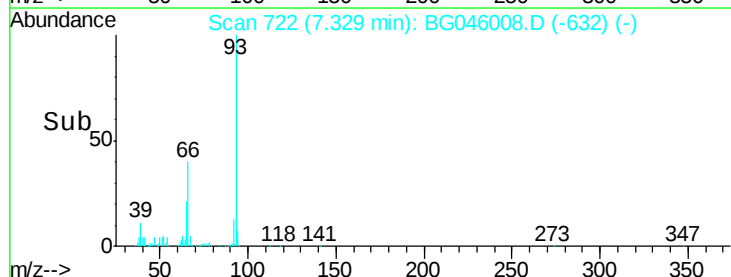
100000

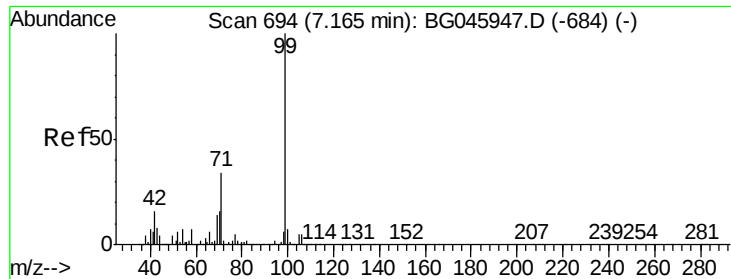
0

7.33

7.25 7.30 7.35 7.40

Time-->





#7

Phenol-d6

Concen: 119.405 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Instrument :

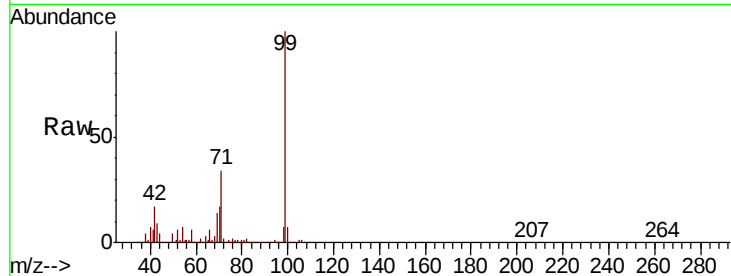
BNA_G

ClientSampleId :

MH-D19MSD

Tot Ion: 99 Resp: 1243684

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.0	19.4
71	34.5	27.5	41.3

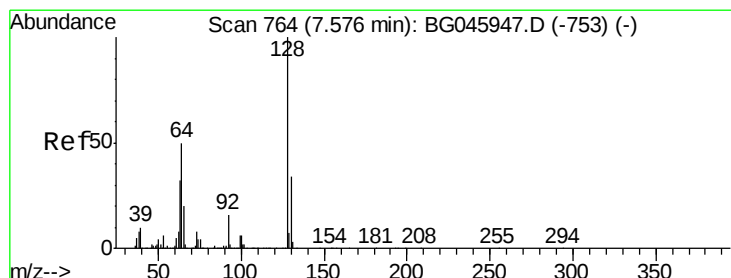
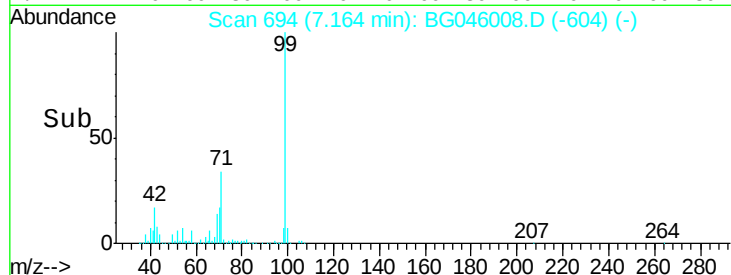
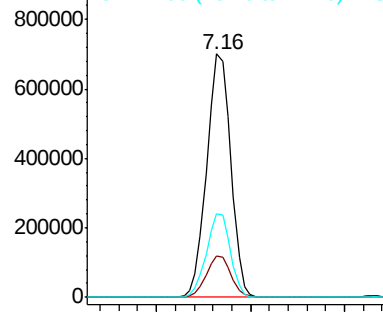


Abundance

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: 52.615 ng

RT: 7.57 min Scan# 763

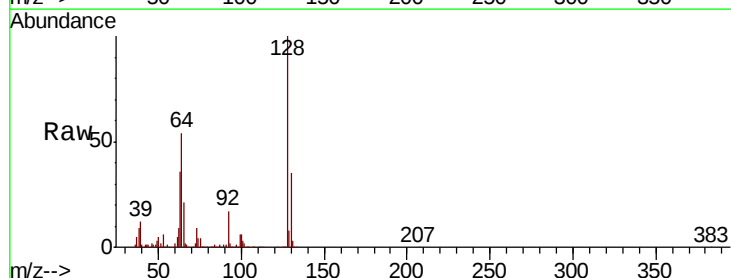
Delta R.T. -0.01 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Tgt Ion: 128 Resp: 409755

Ion	Ratio	Lower	Upper
128	100		
130	34.6	13.6	53.6
64	53.8	30.6	70.6

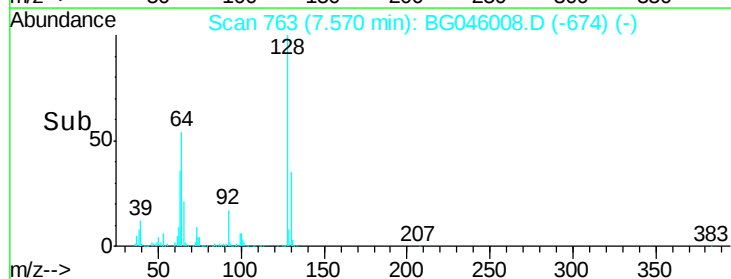
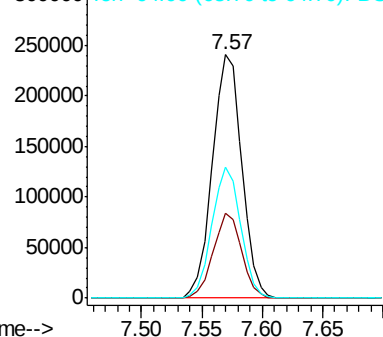


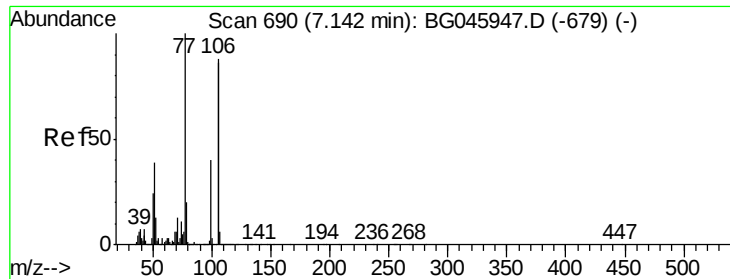
Abundance

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: 22.366 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_G

ClientSampleId :

MH-D19MSD

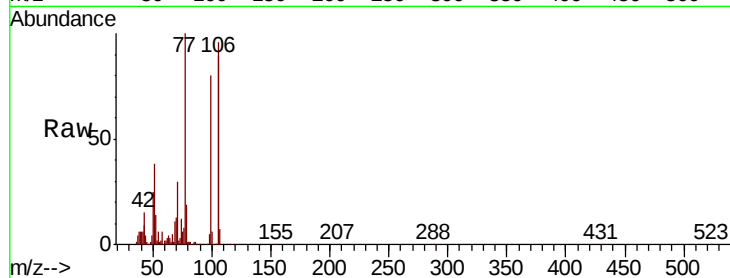
Tot Ion: 77 Resp: 147593

Ion Ratio Lower Upper

77 100

105 96.1 66.0 106.0

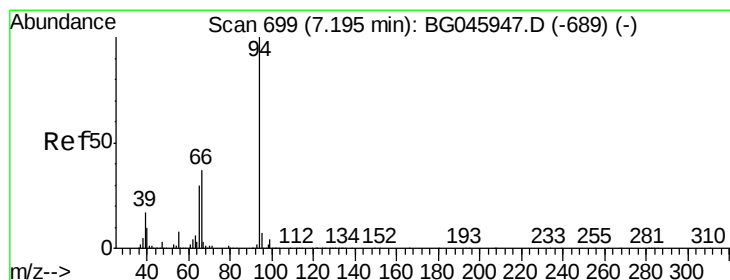
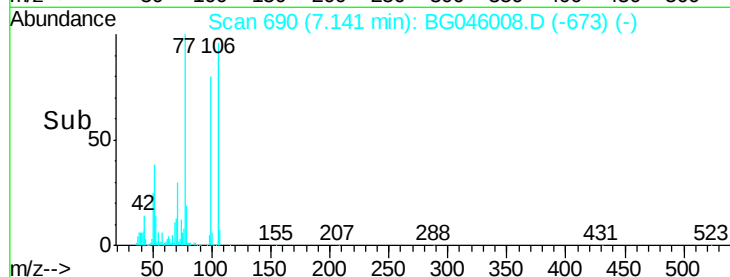
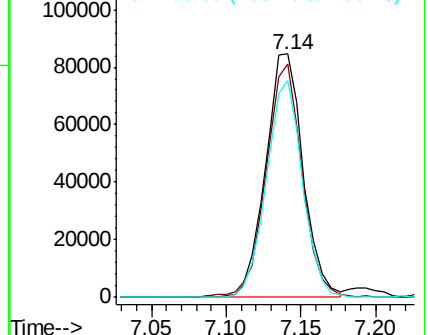
106 89.3 67.7 107.7



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.240 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

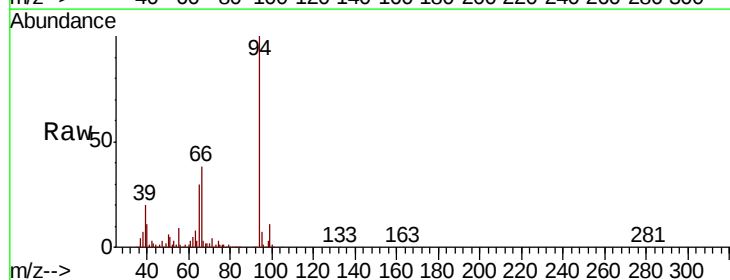
Tgt Ion: 94 Resp: 462230

Ion Ratio Lower Upper

94 100

65 30.2 10.6 50.6

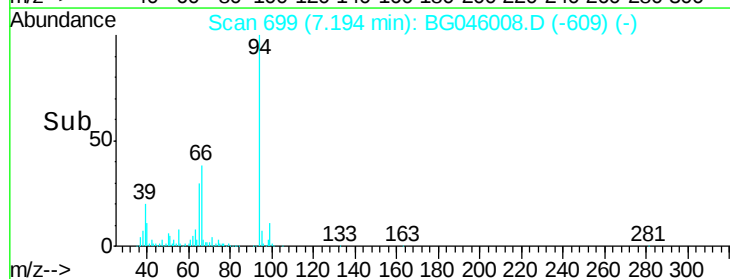
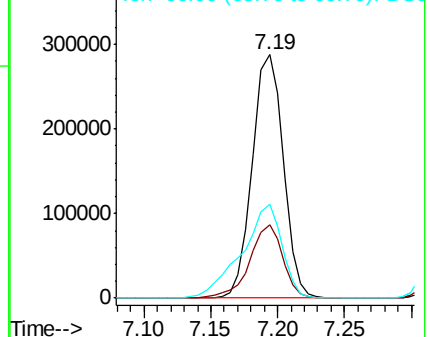
66 38.4 17.1 57.1

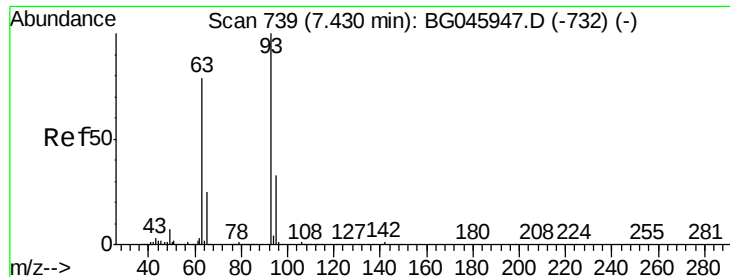


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

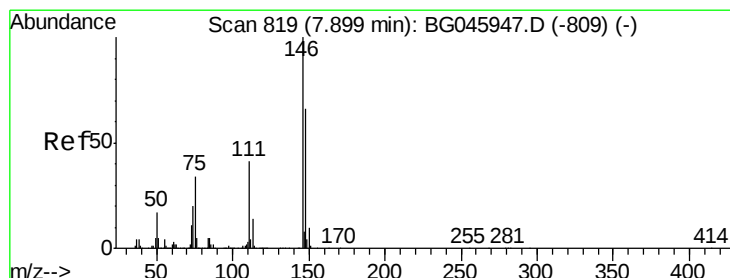
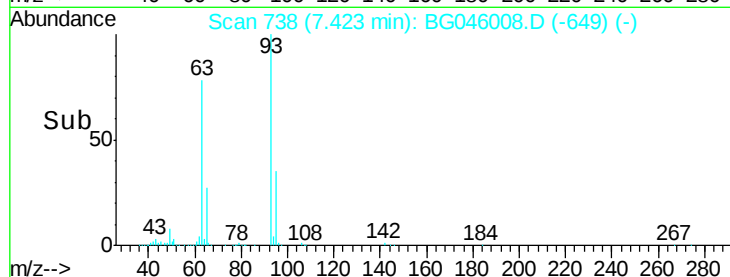
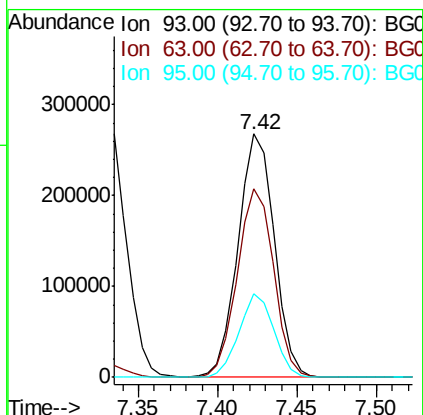
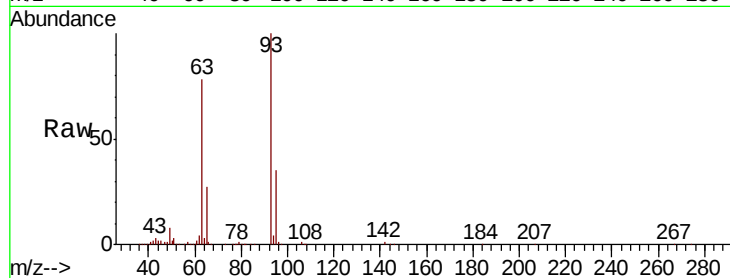




#11
bis(2-Chloroethyl)ether
Concen: 48.899 ng
RT: 7.42 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

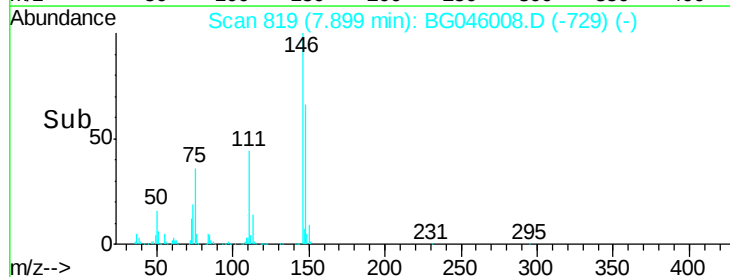
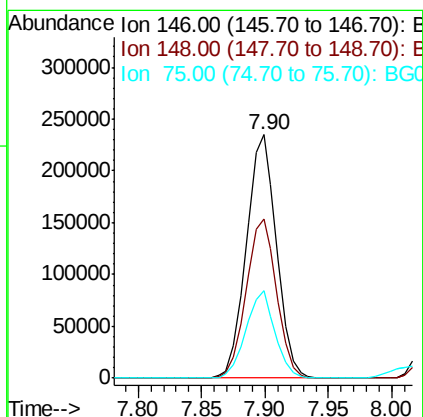
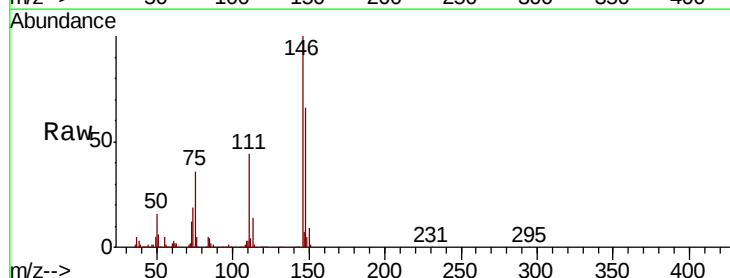
Instrument :
BNA_G
ClientSampleId :
MH-D19MSD

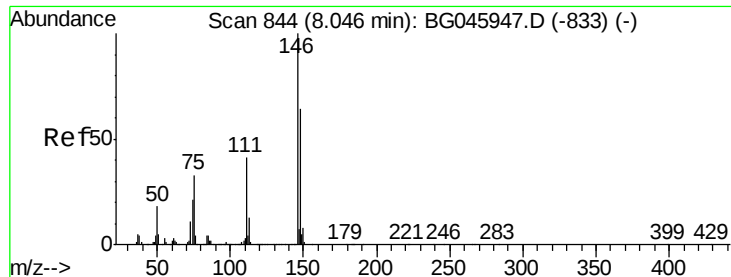
Tot Ion: 93 Resp: 422478
Ion Ratio Lower Upper
93 100
63 77.5 58.6 98.6
95 34.6 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 43.163 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

Tgt Ion: 146 Resp: 387457
Ion Ratio Lower Upper
146 100
148 65.6 52.8 79.2
75 35.9 27.2 40.8

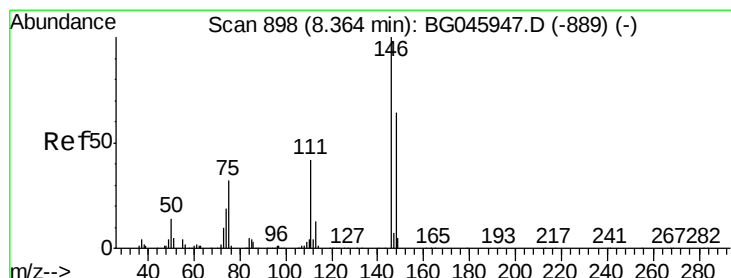
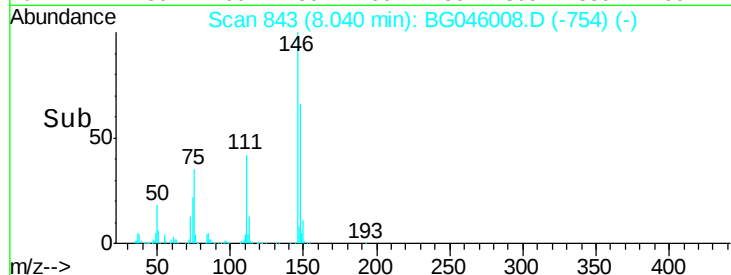
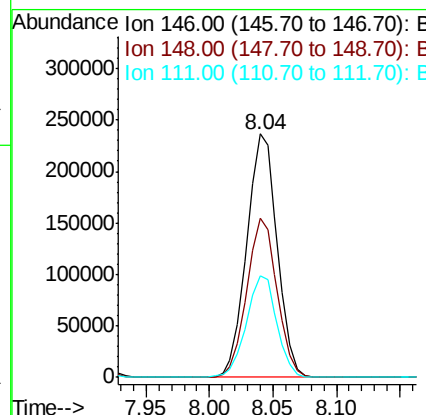
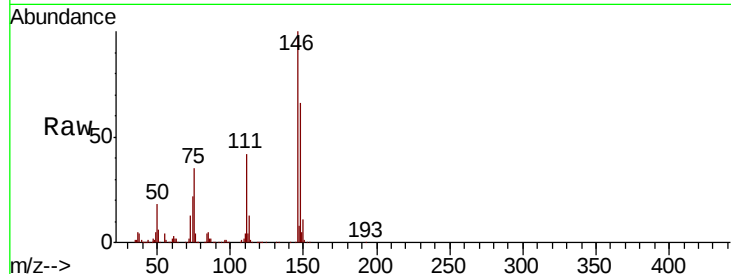




#13
 1,4-Dichlorobenzene
 Concen: 44.538 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG046008.D
 Acq: 10 Jul 2020 15:48

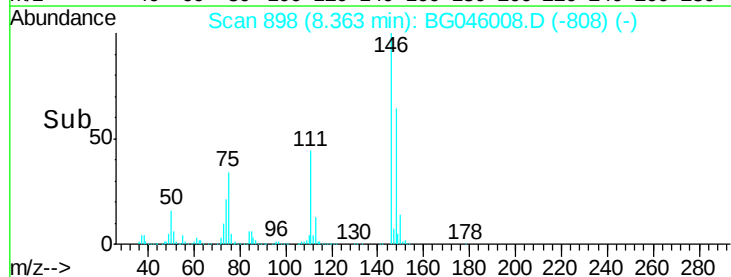
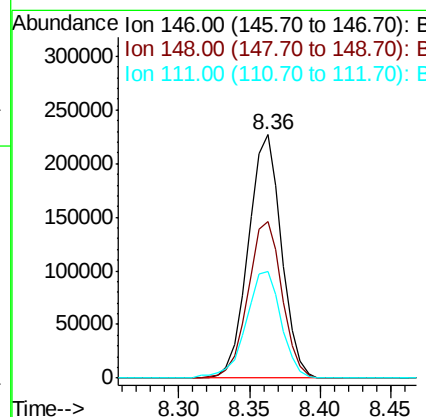
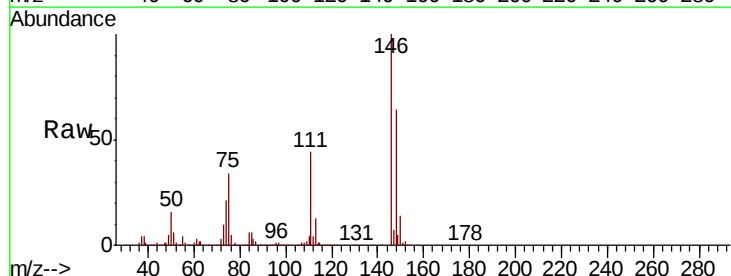
Instrument :
 BNA_G
 ClientSampleID :
 MH-D19MSD

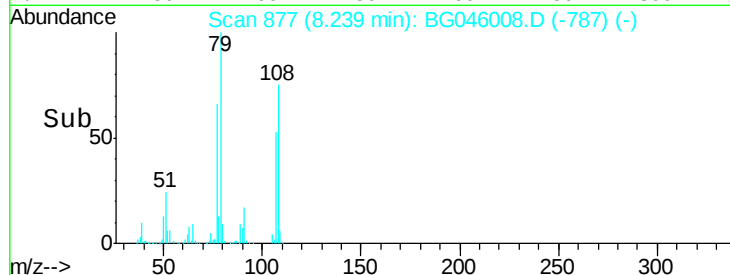
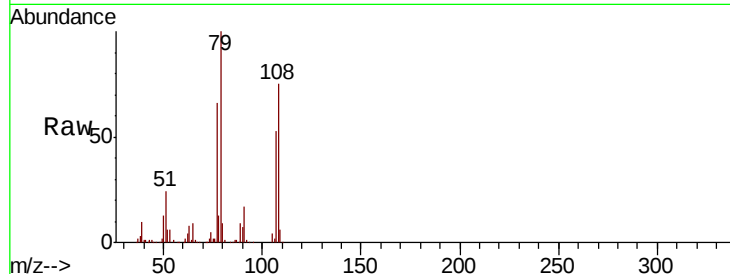
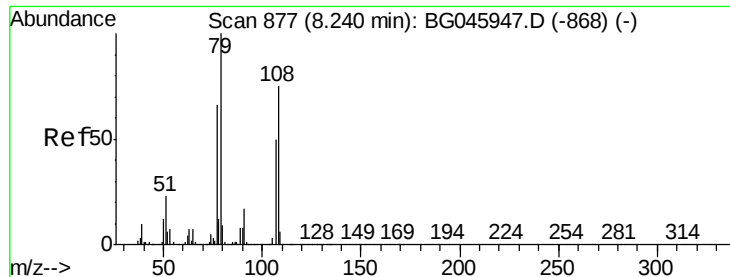
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.7	77.5
111	41.5	33.3	49.9



#14
 1,2-Dichlorobenzene
 Concen: 43.885 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG046008.D
 Acq: 10 Jul 2020 15:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
111	43.6	34.0	51.0





#15

Benzyl Alcohol

Concen: 52.502 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_G

ClientSampleId :

MH-D19MSD

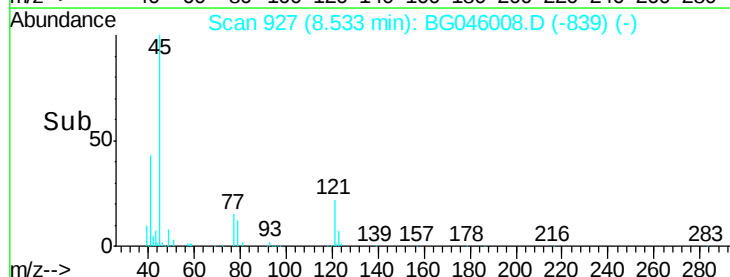
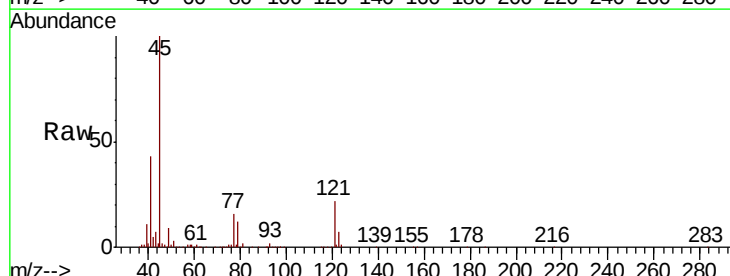
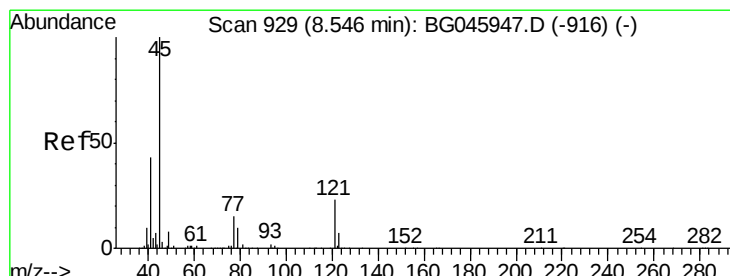
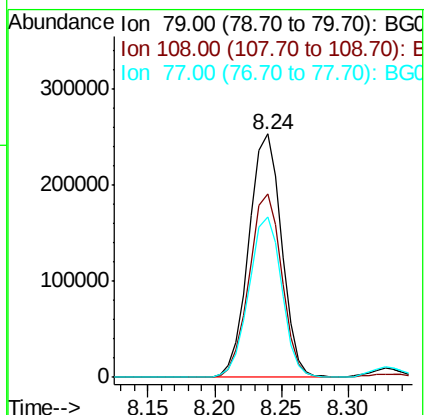
Tot Ion: 79 Resp: 428771

Ion Ratio Lower Upper

79 100

108 75.3 60.2 90.4

77 66.1 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.564 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

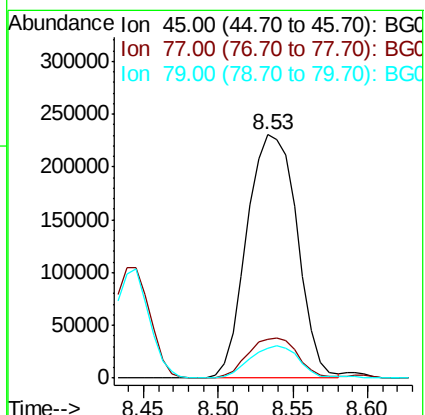
Tgt Ion: 45 Resp: 536163

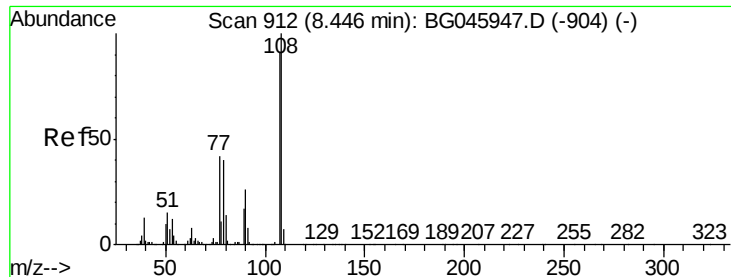
Ion Ratio Lower Upper

45 100

77 15.9 0.0 37.6

79 12.3 0.0 32.6

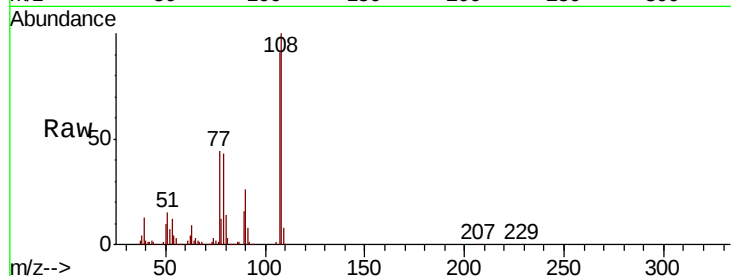




#17
2-Methylphenol
Concen: 46.657 ng
RT: 8.44 min Scan# 912
Delta R.T. -0.00 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

Instrument :
BNA_G
ClientSampleId :
MH-D19MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.6	88.2	132.4
77	47.7	37.0	55.4
79	47.0	35.4	53.0



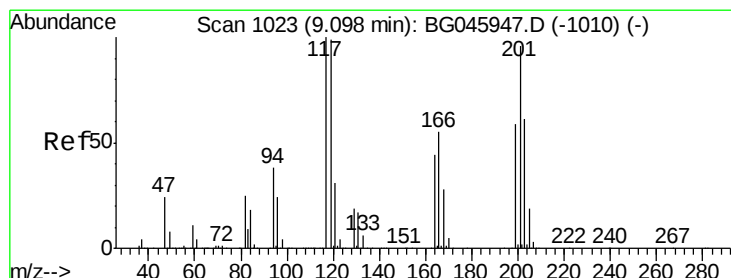
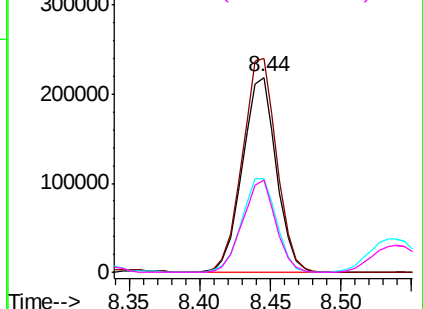
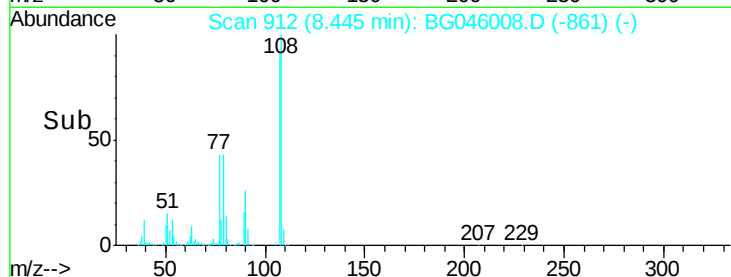
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

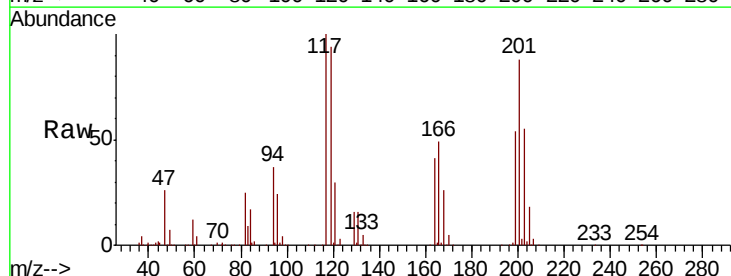
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 43.688 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	79.5	119.3
201	88.0	77.0	115.4

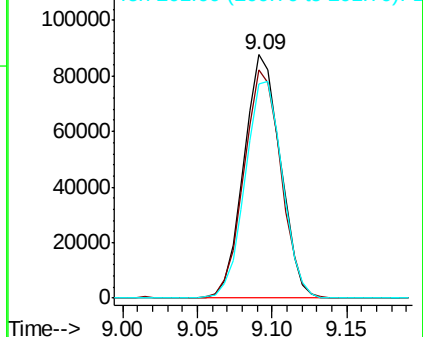
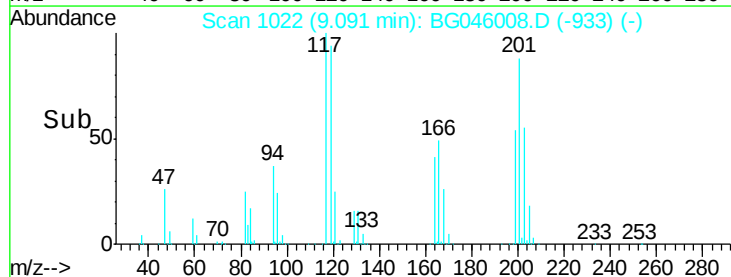


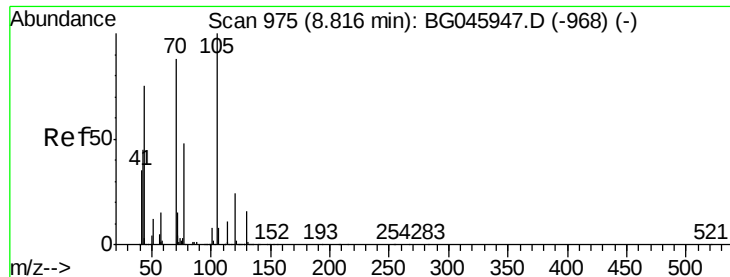
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

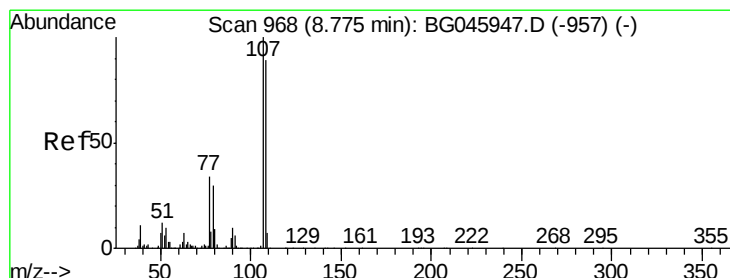
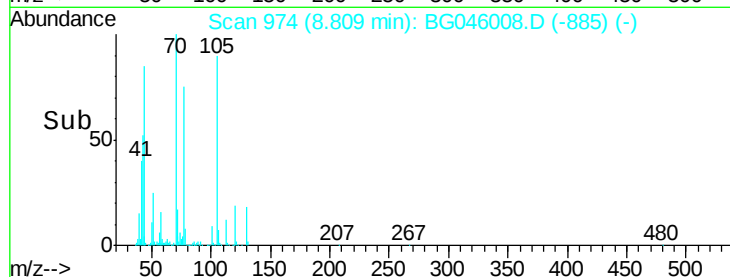
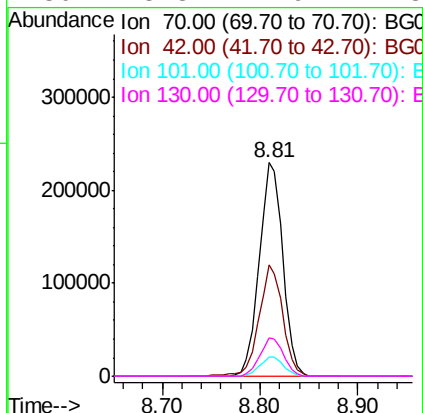
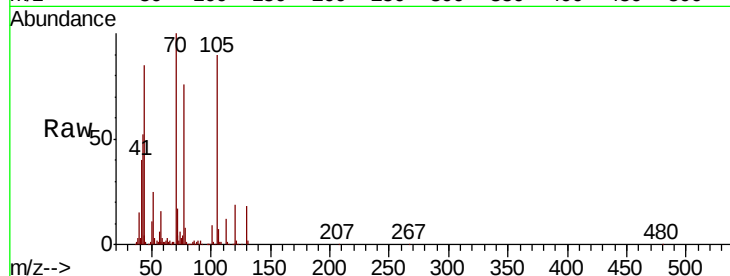




#19
n-Nitroso-di-n-propylamine
Concen: 53.421 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

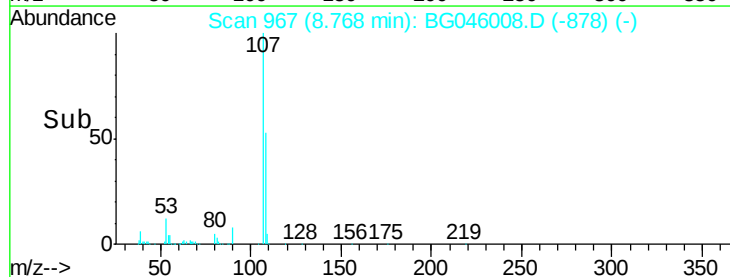
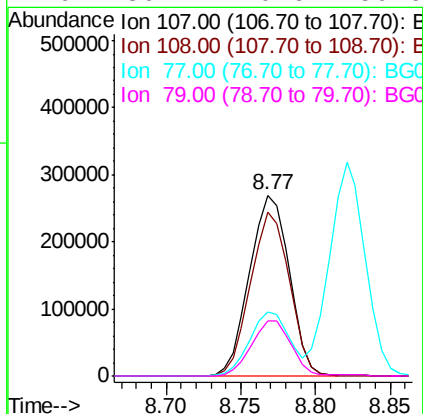
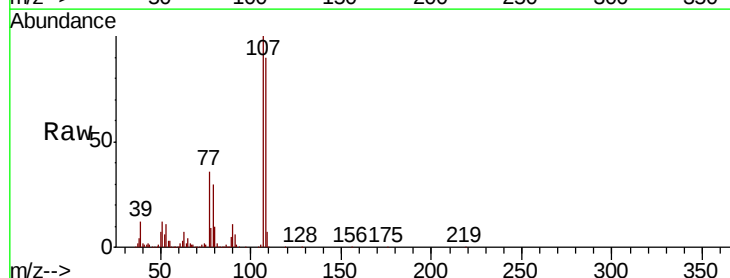
Instrument :
BNA_G
ClientSampleId :
MH-D19MSD

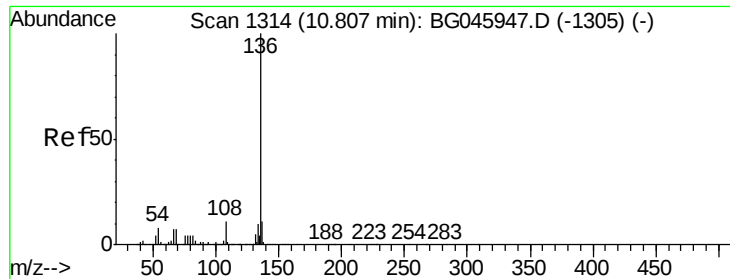
Tot Ion:	70	Resp:	390884
Ion	Ratio	Lower	Upper
70	100		
42	52.3	41.4	62.0
101	9.1	7.1	10.7
130	18.3	14.9	22.3



#20
3+4-Methylphenols
Concen: 46.600 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

Tgt Ion:	107	Resp:	497906
Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.7	108.7
77	35.7	14.6	54.6
79	30.4	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_G

ClientSampleId :

MH-D19MSD

Tot Ion:136 Resp: 488887

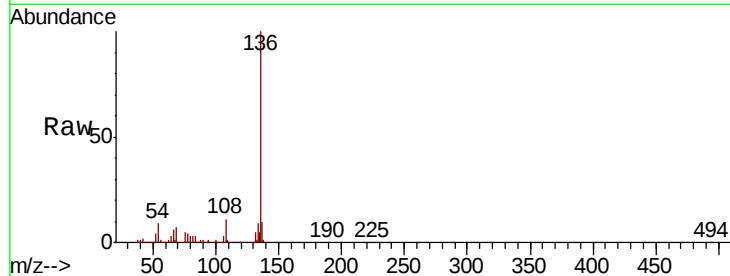
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 9.2 6.2 9.4

68 6.9 5.8 8.8

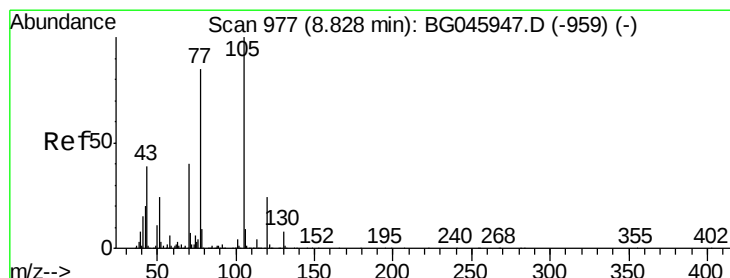
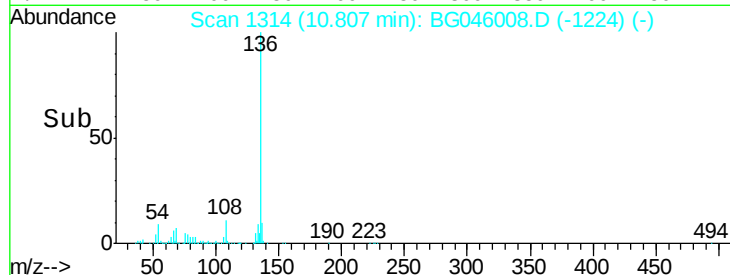
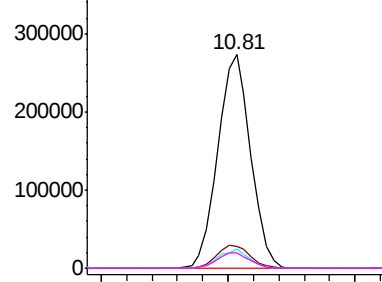


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 49.461 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Tgt Ion:105 Resp: 645995

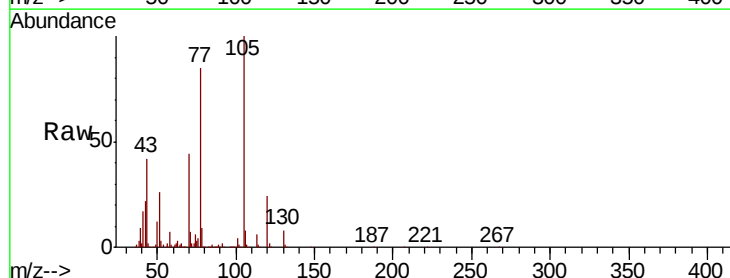
Ion Ratio Lower Upper

105 100

71 7.0 6.2 9.2

51 26.1 19.7 29.5

120 23.5 19.2 28.8

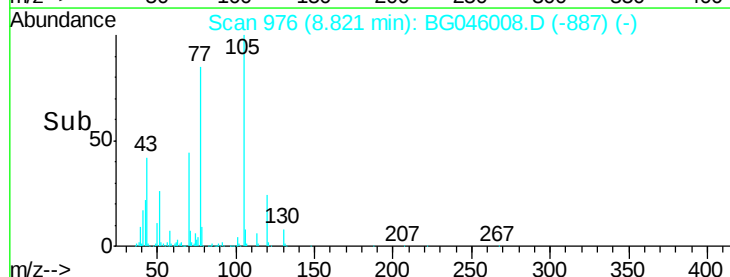
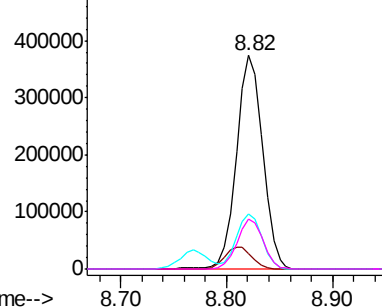


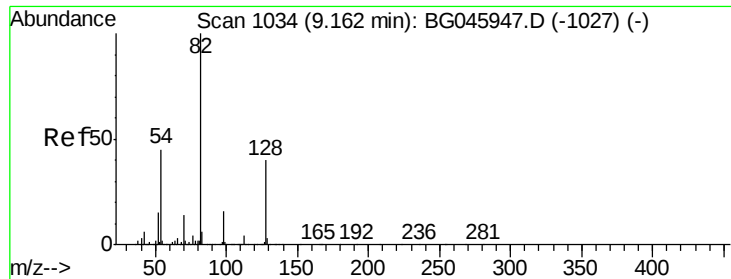
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

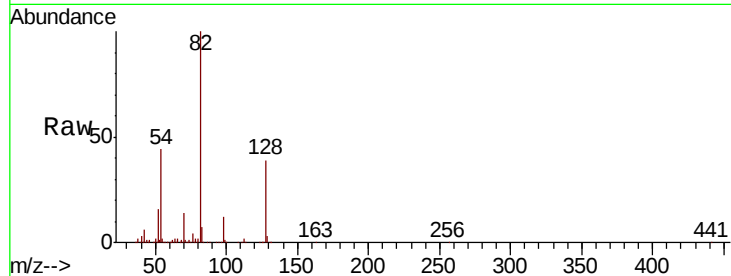




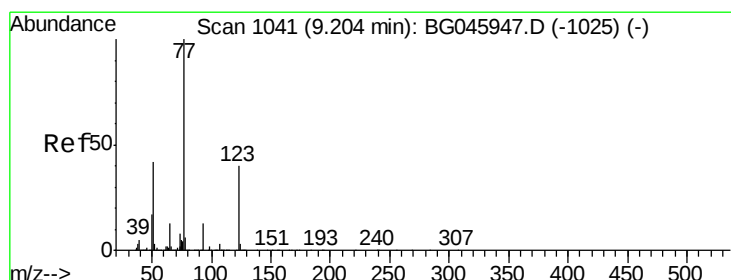
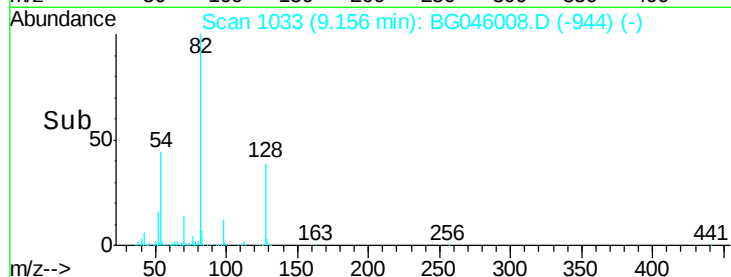
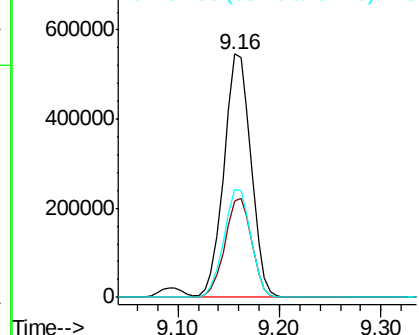
#23
 Nitrobenzene-d5
 Concen: 118.819 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG046008.D
 Acq: 10 Jul 2020 15:48

Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MSD

Tot Ion: 82 Resp: 1009227
 Ion Ratio Lower Upper
 82 100
 128 39.4 32.2 48.4
 54 44.5 35.8 53.6

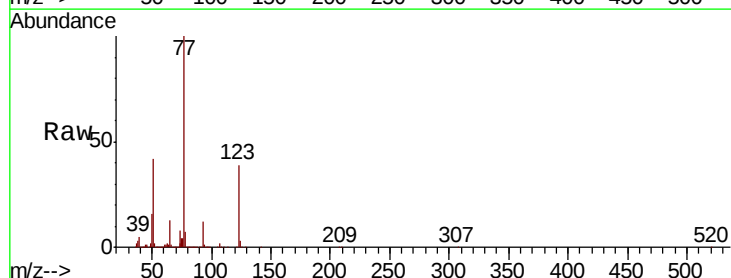


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

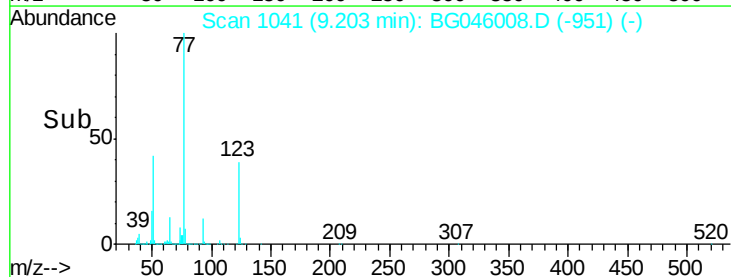
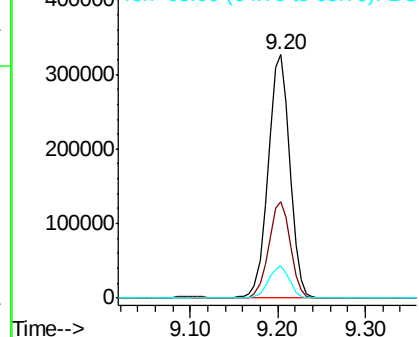


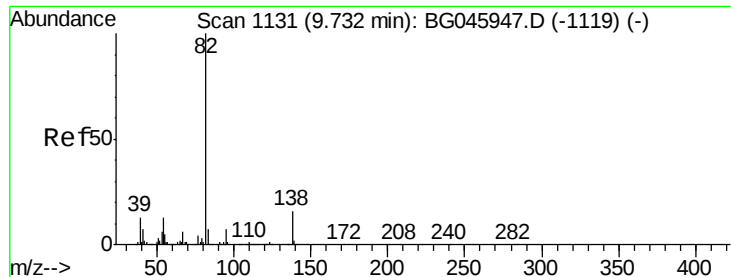
#24
 Nitrobenzene
 Concen: 59.572 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG046008.D
 Acq: 10 Jul 2020 15:48

Tgt Ion: 77 Resp: 558483
 Ion Ratio Lower Upper
 77 100
 123 39.4 32.7 49.1
 65 13.1 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 50.792 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_G

ClientSampleId :

MH-D19MSD

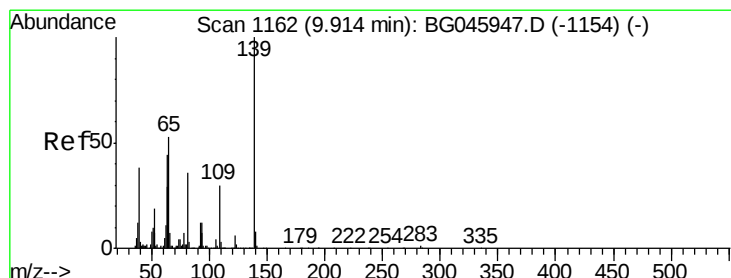
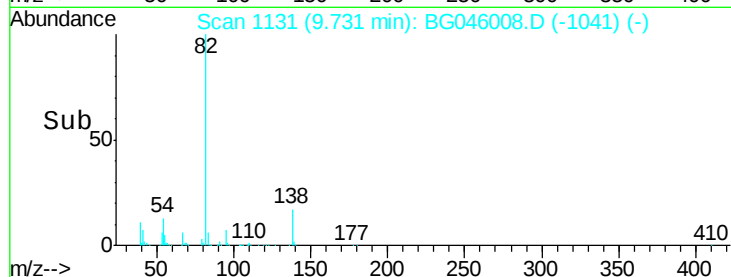
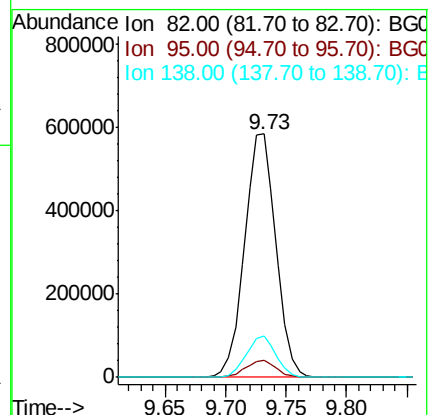
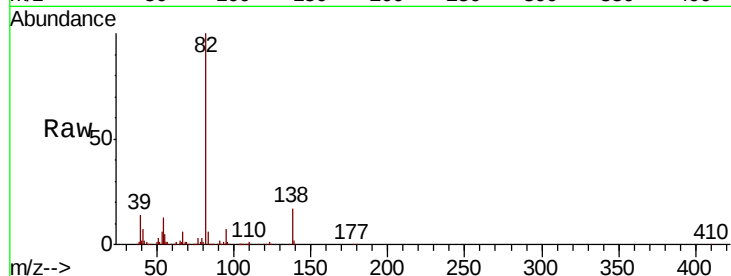
Tot Ion: 82 Resp: 1053189

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

138 17.2 12.9 19.3



#26

2-Nitrophenol

Concen: 69.591 ng

RT: 9.91 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

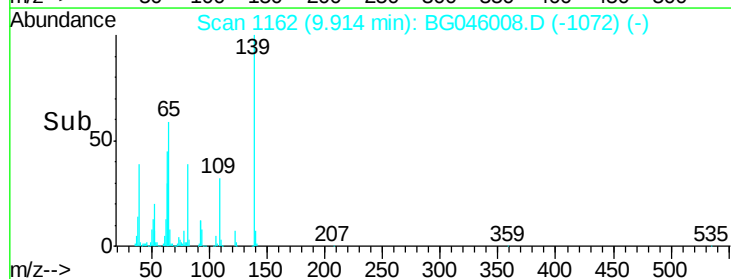
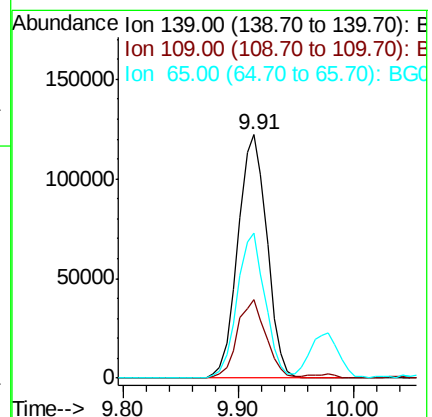
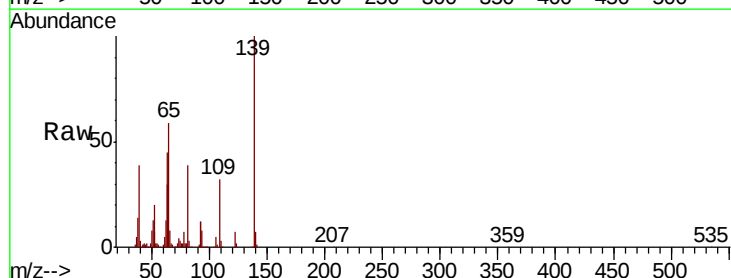
Tgt Ion: 139 Resp: 212650

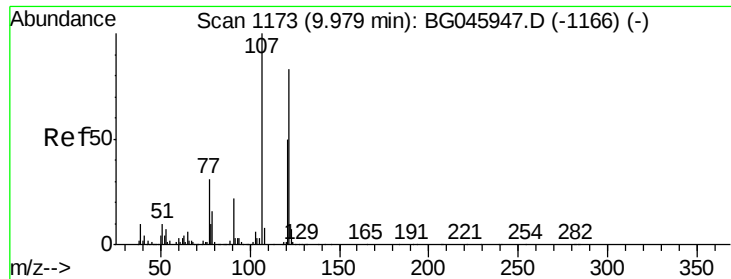
Ion Ratio Lower Upper

139 100

109 32.4 24.6 37.0

65 59.5 42.6 64.0

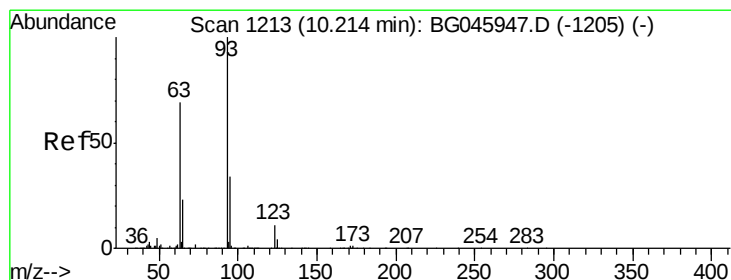
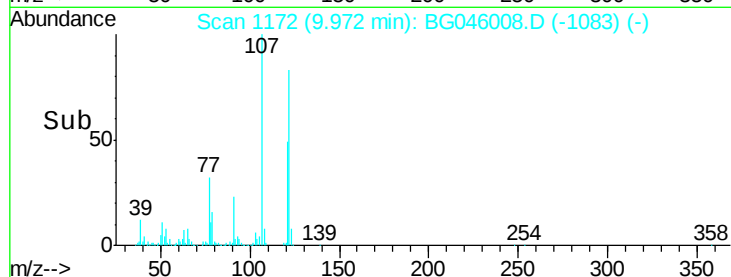
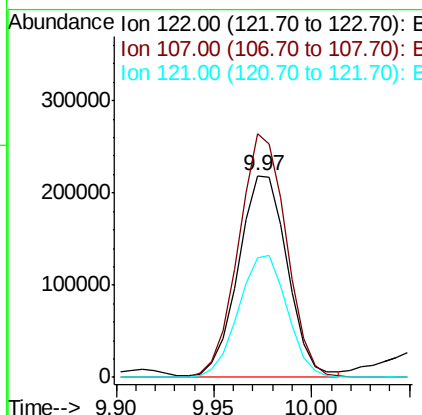
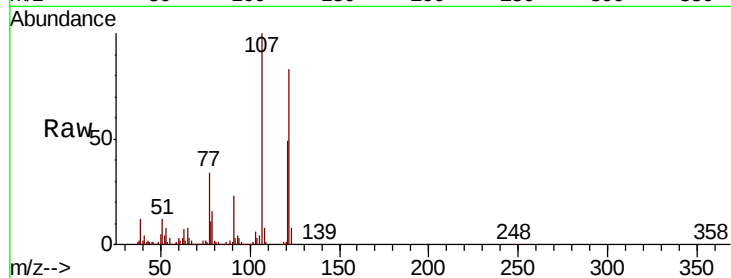




#27
2,4-Dimethylphenol
Concen: 51.215 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

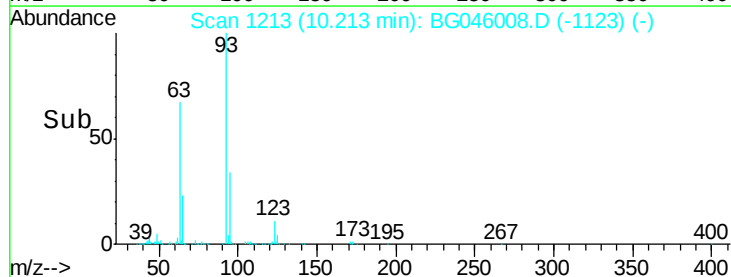
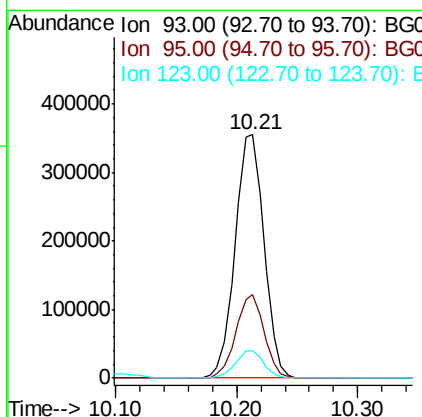
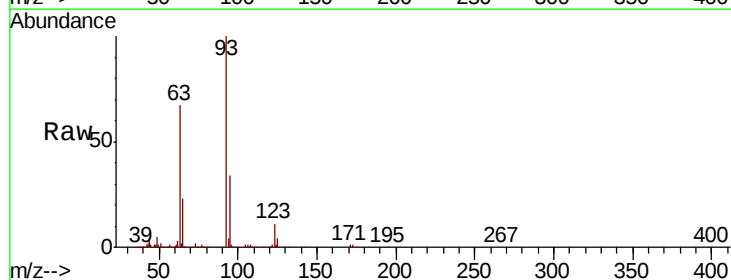
Instrument :
BNA_G
ClientSampleId :
MH-D19MSD

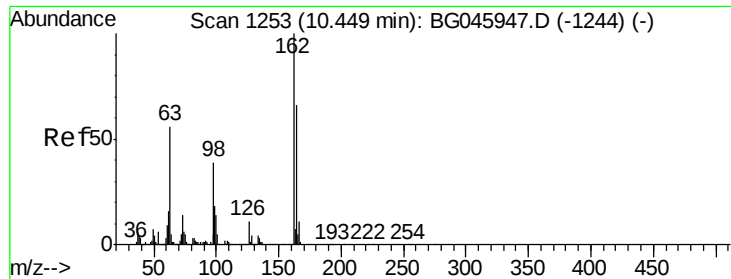
Tot Ion:122 Resp: 377999
Ion Ratio Lower Upper
122 100
107 120.8 95.6 143.4
121 59.5 47.7 71.5



#28
bis(2-Chloroethoxy)methane
Concen: 51.121 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

Tgt Ion: 93 Resp: 595247
Ion Ratio Lower Upper
93 100
95 34.3 27.5 41.3
123 11.0 9.2 13.8

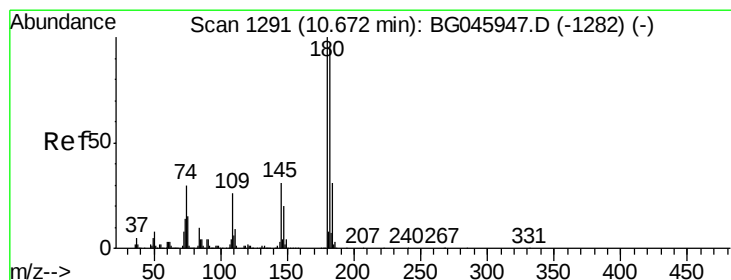
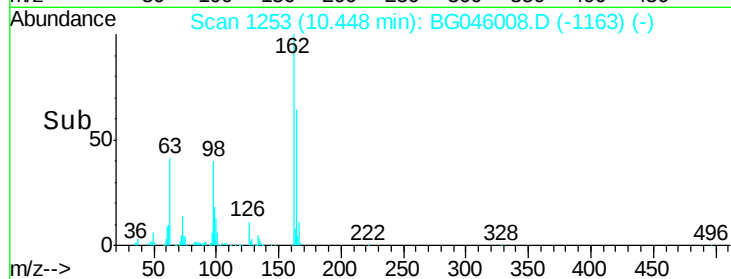
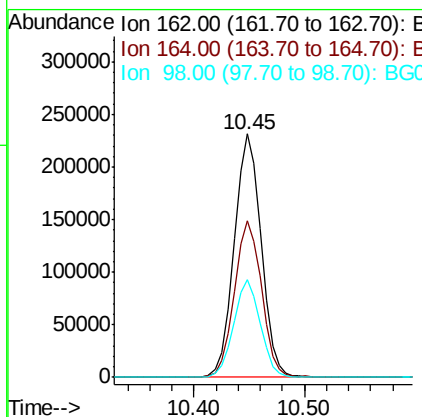
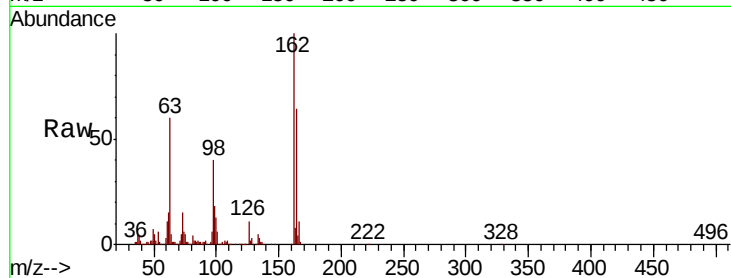




#29
 2,4-Dichlorophenol
 Concen: 51.857 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG046008.D
 Acq: 10 Jul 2020 15:48

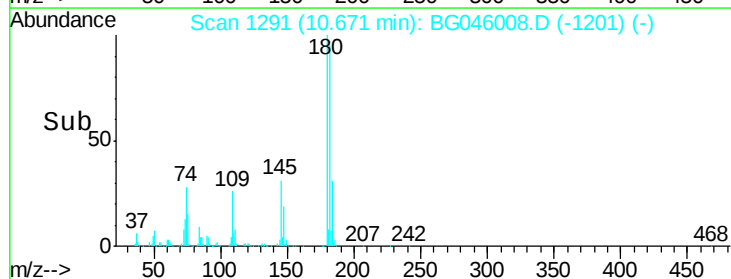
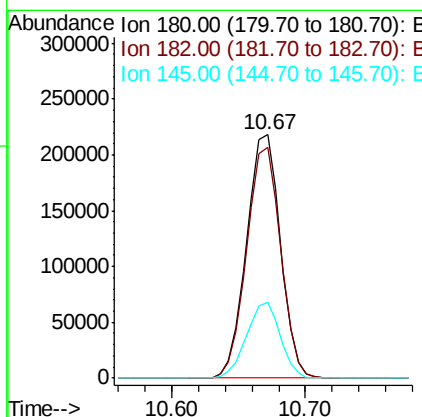
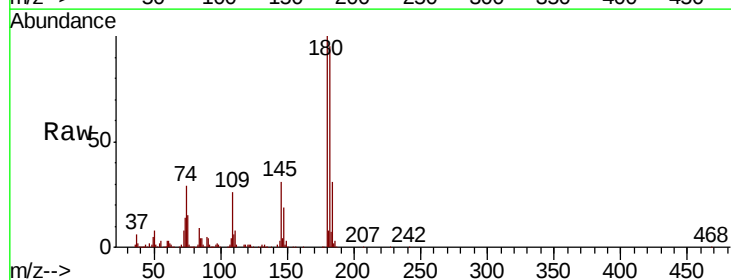
Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MSD

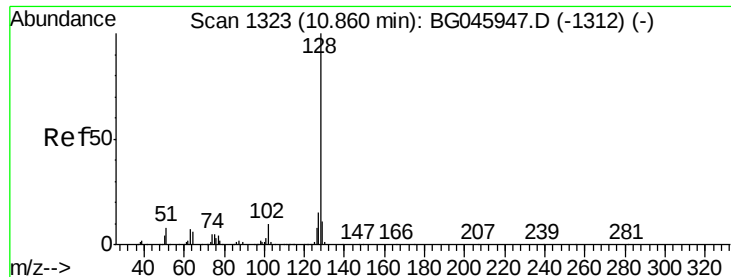
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	46.0	86.0
98	40.2	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 45.044 ng
 RT: 10.67 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BG046008.D
 Acq: 10 Jul 2020 15:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.3	114.5
145	31.4	24.8	37.2

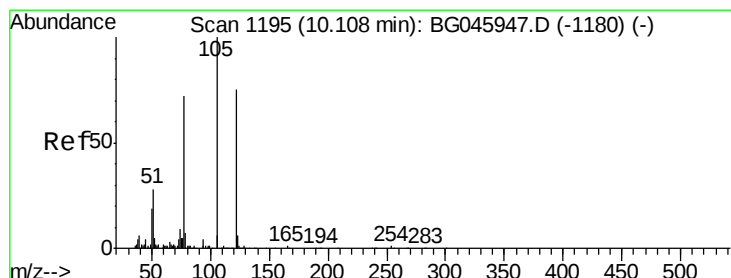
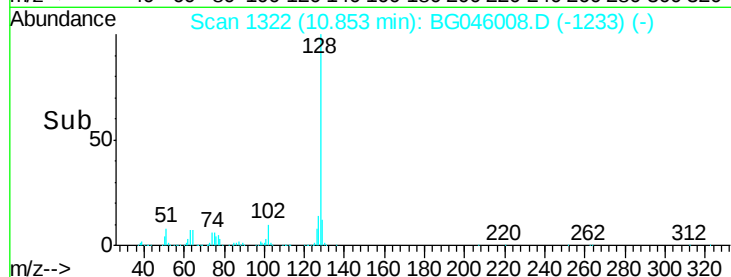
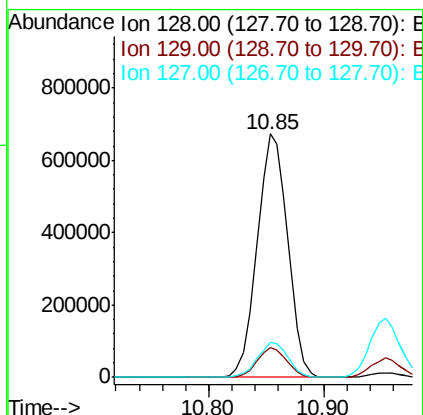
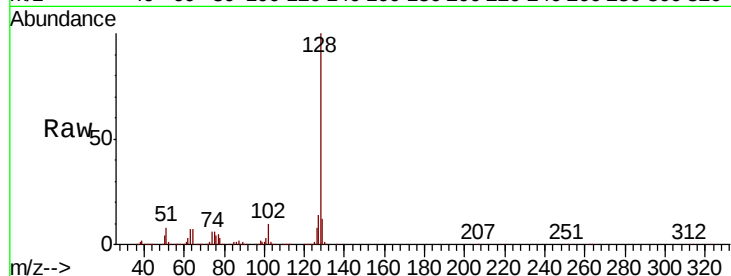




#31
Naphthalene
Concen: 47.083 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

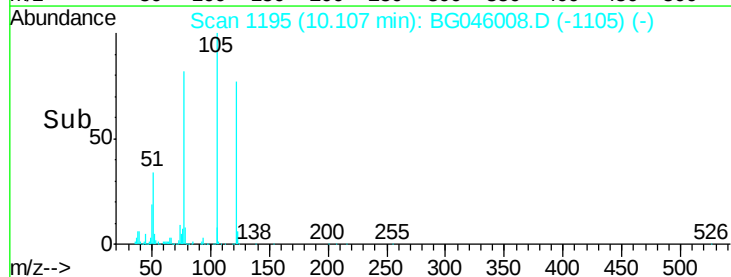
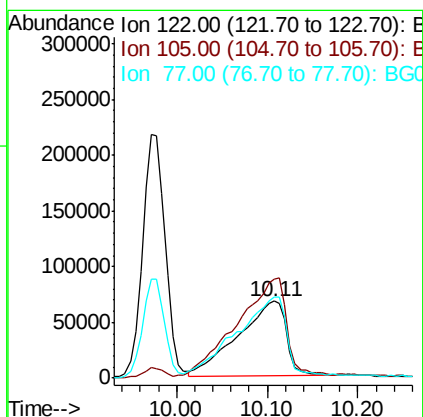
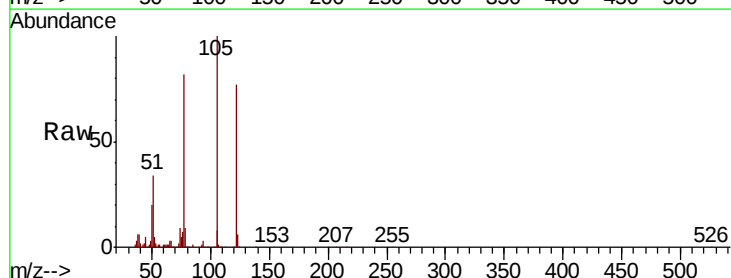
Instrument :
BNA_G
ClientSampleId :
MH-D19MSD

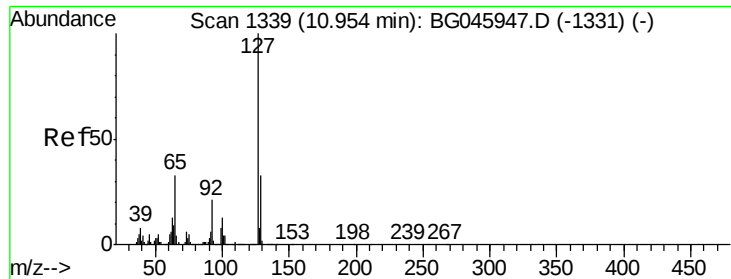
Tot Ion:128 Resp: 1233981
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 14.3 11.8 17.6



#32
Benzoic acid
Concen: 55.142 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

Tgt Ion:122 Resp: 253607
Ion Ratio Lower Upper
122 100
105 129.1 110.8 150.8
77 106.0 76.4 116.4

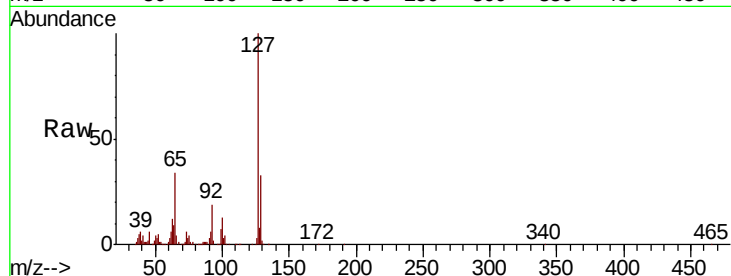




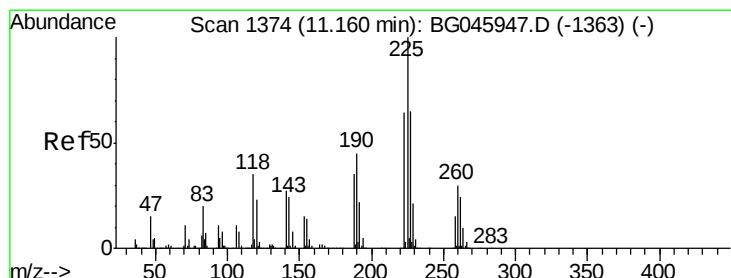
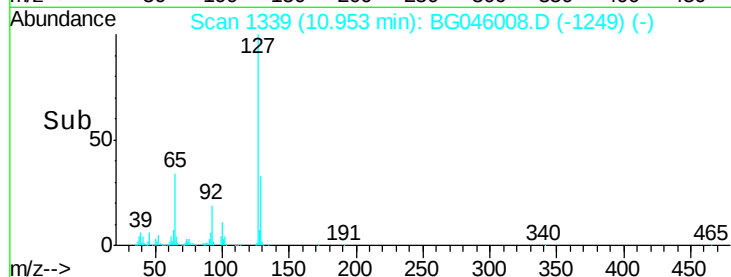
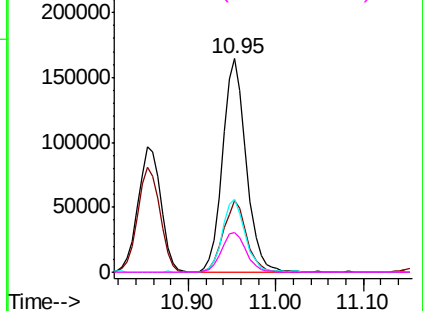
#33
4-Chloroaniline
Concen: 26.066 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

Instrument :
BNA_G
ClientSampleId :
MH-D19MSD

Tot Ion:127	Resp:	305271
Ion Ratio	Lower	Upper
127	100	
129	33.3	26.6 39.8
65	34.1	26.8 40.2
92	18.8	17.0 25.4

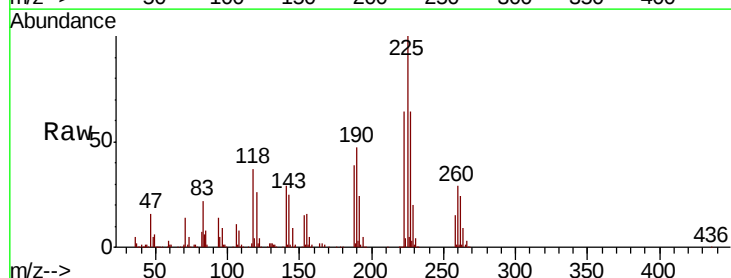


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

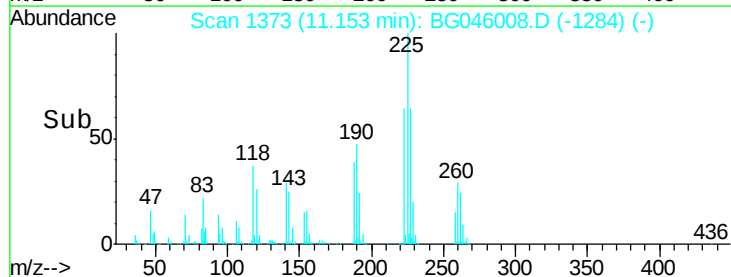
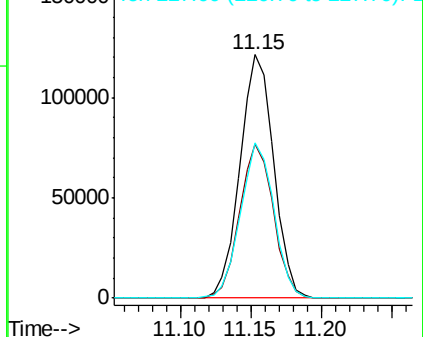


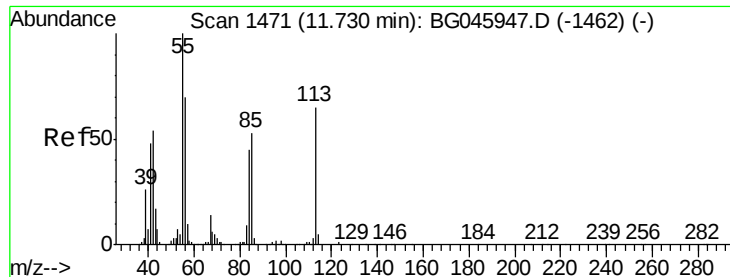
#34
Hexachlorobutadiene
Concen: 41.024 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

Tgt Ion:225	Resp:	202779
Ion Ratio	Lower	Upper
225	100	
223	63.5	51.2 76.8
227	64.0	52.3 78.5



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

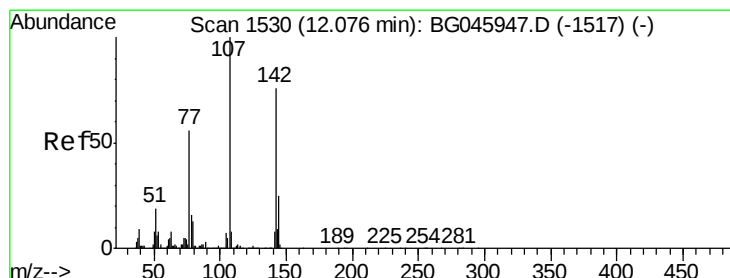
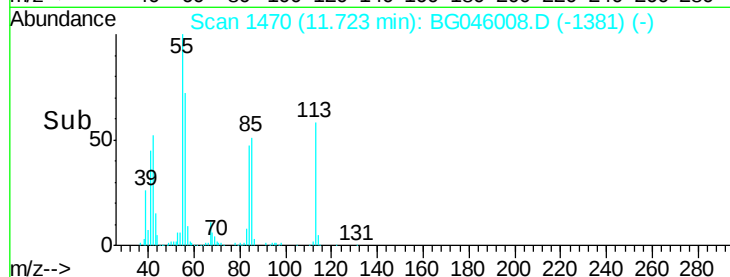
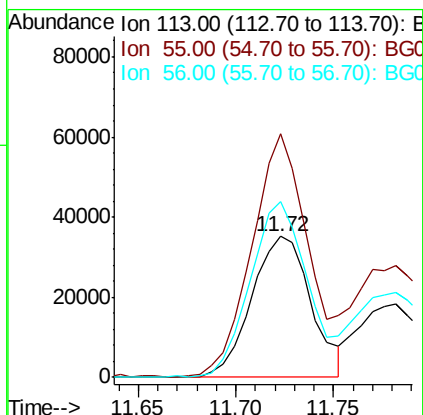
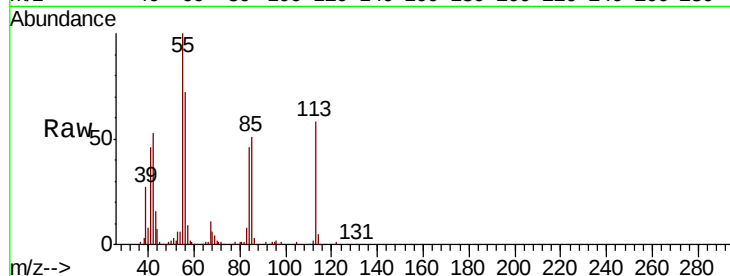




#35
 Caprolactam
 Concen: 25.514 ng
 RT: 11.72 min Scan# 1470
 Delta R.T. -0.01 min
 Lab File: BG046008.D
 Acq: 10 Jul 2020 15:48

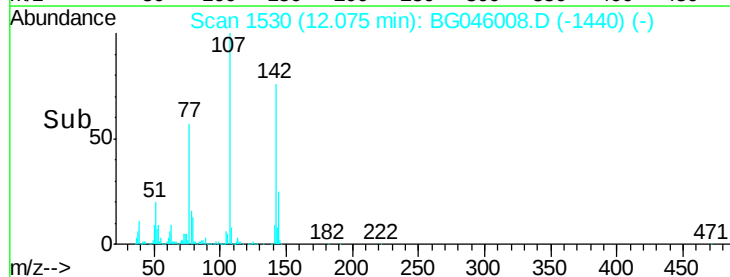
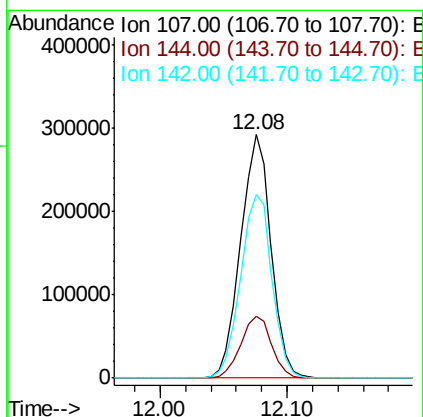
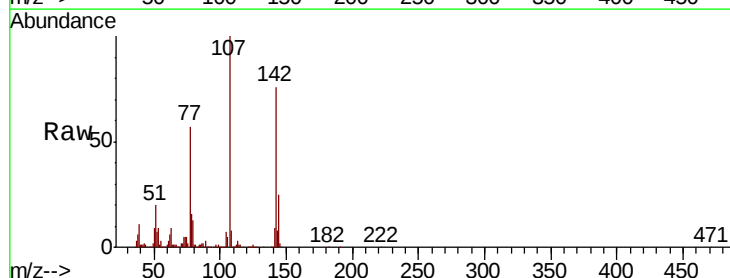
Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MSD

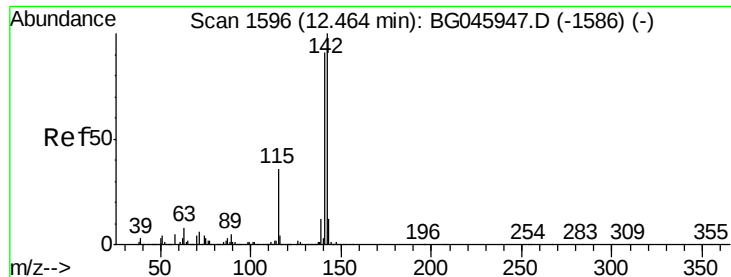
Tot Ion:113 Resp: 74011
 Ion Ratio Lower Upper
 113 100
 55 172.7 141.6 181.6
 56 124.8 89.6 129.6



#36
 4-Chloro-3-methylphenol
 Concen: 55.886 ng
 RT: 12.08 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: BG046008.D
 Acq: 10 Jul 2020 15:48

Tgt Ion:107 Resp: 486327
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.0 30.0
 142 75.5 61.1 91.7





#37

2-Methylnaphthalene

Concen: 50.268 ng

RT: 12.46 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_G

ClientSampleId :

MH-D19MSD

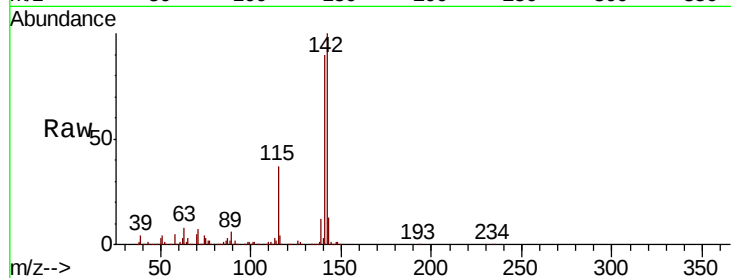
Tot Ion:142 Resp: 936513

Ion Ratio Lower Upper

142 100

141 90.5 73.0 109.6

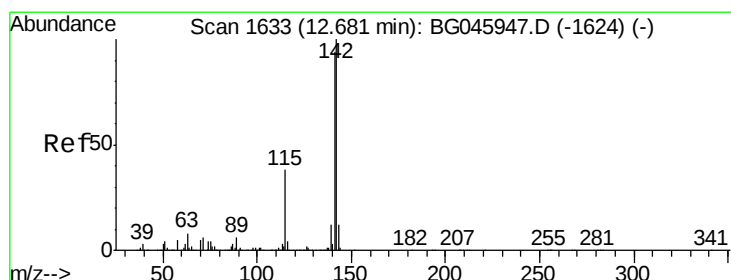
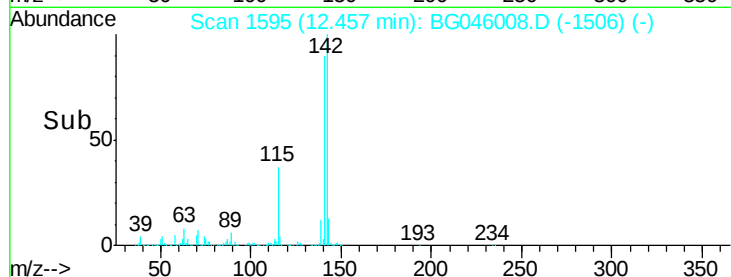
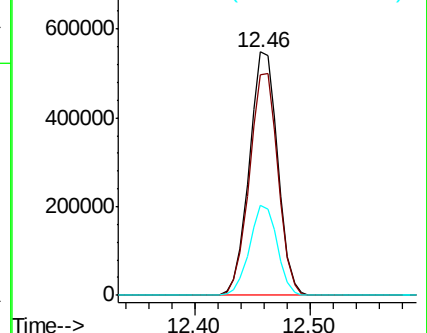
115 37.2 28.8 43.2



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: 51.318 ng

RT: 12.68 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

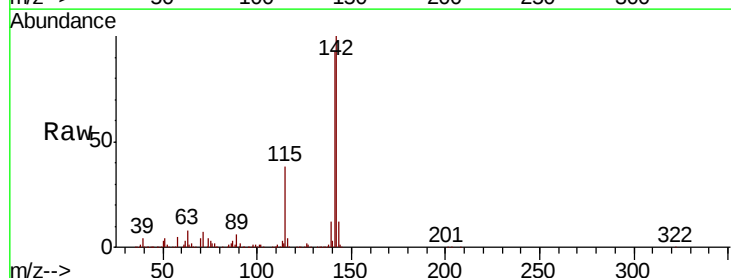
Tgt Ion:142 Resp: 902285

Ion Ratio Lower Upper

142 100

141 92.8 75.2 112.8

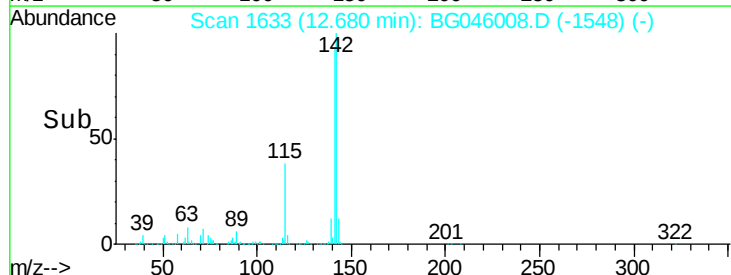
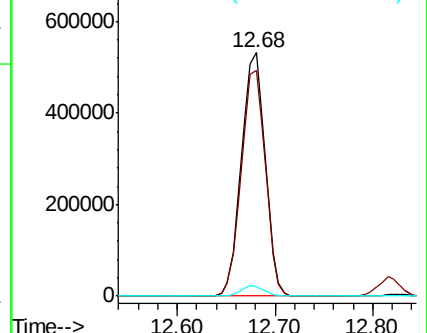
116 3.9 3.1 4.7

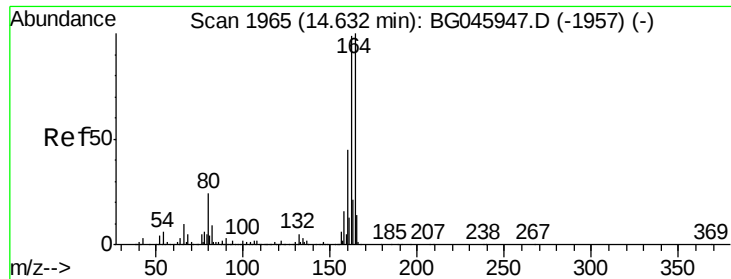


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_G

ClientSampled :

MH-D19MSD

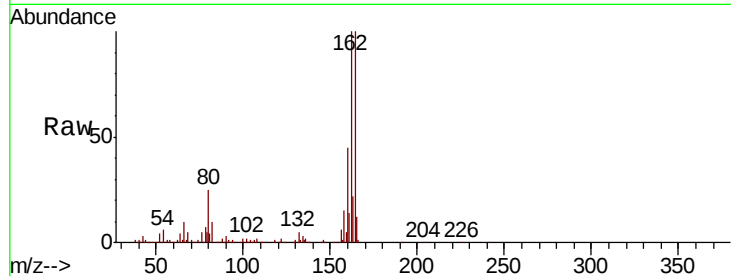
Tot Ion:164 Resp: 319141

Ion Ratio Lower Upper

164 100

162 100.3 79.3 118.9

160 45.3 35.7 53.5

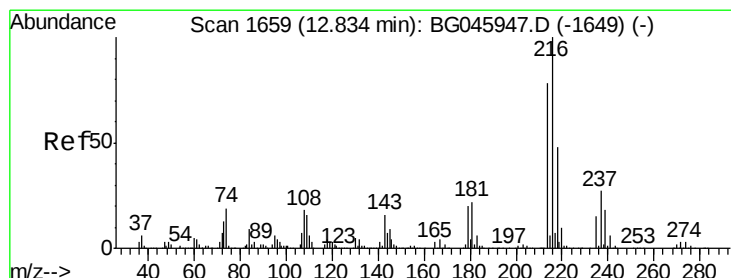
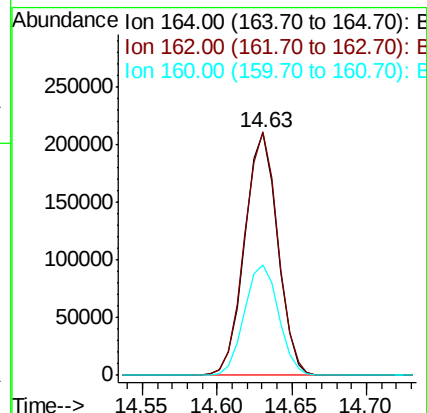
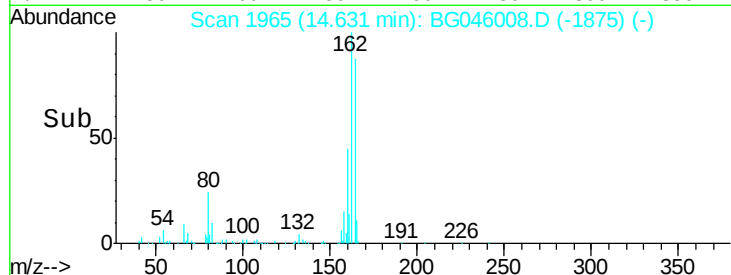


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time--> 14.55 14.60 14.65 14.70



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.099 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Tgt Ion:216 Resp: 405726

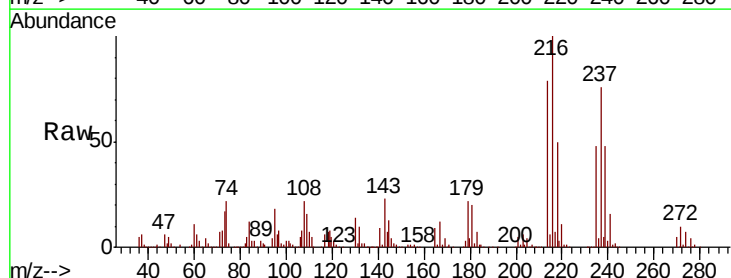
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 22.0 17.0 25.6

108 24.2 17.3 25.9



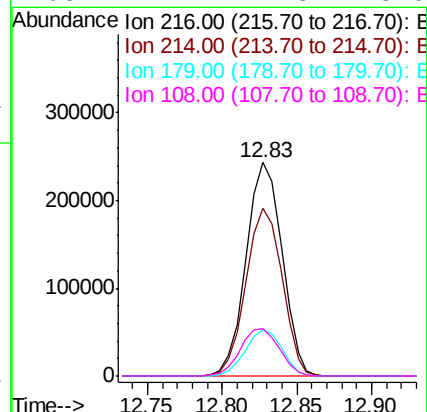
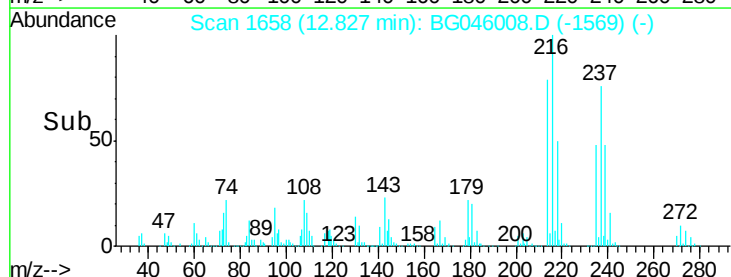
Abundance Ion 216.00 (215.70 to 216.70): E

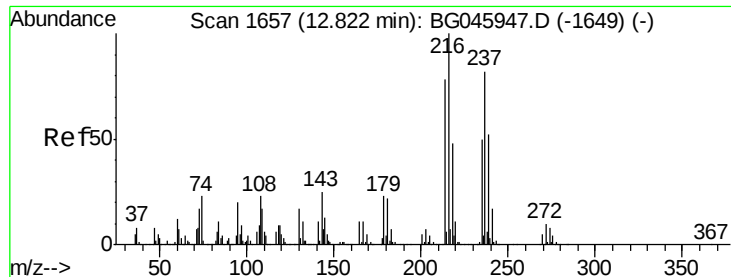
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time--> 12.75 12.80 12.85 12.90





#41

Hexachlorocyclopentadiene

Concen: 82.213 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_G

ClientSampleId :

MH-D19MSD

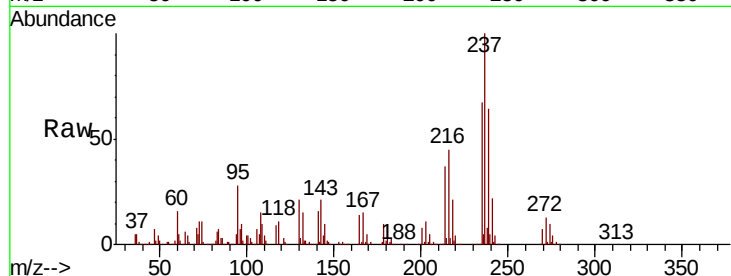
Tot Ion:237 Resp: 438864

Ion Ratio Lower Upper

237 100

235 66.6 41.5 81.5

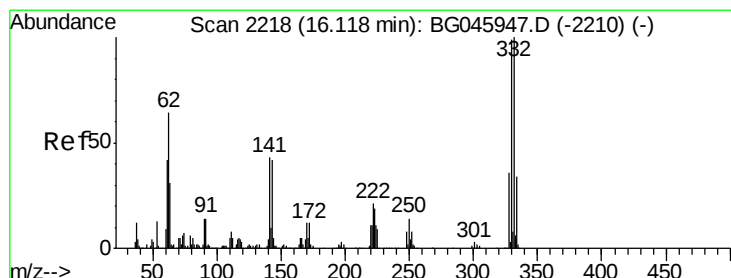
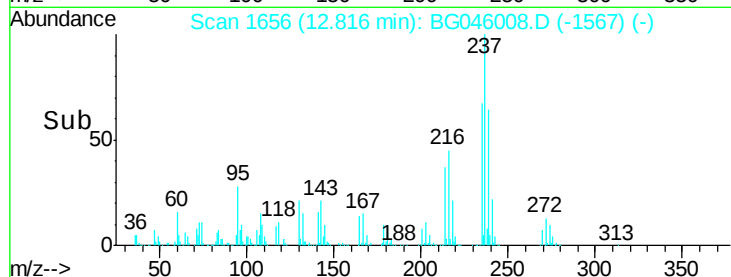
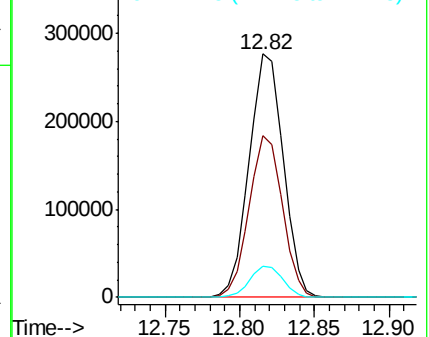
272 12.6 0.0 31.7



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: 167.721 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

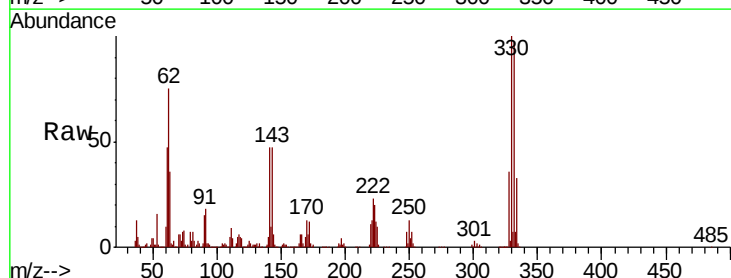
Tgt Ion:330 Resp: 496783

Ion Ratio Lower Upper

330 100

332 96.7 78.3 117.5

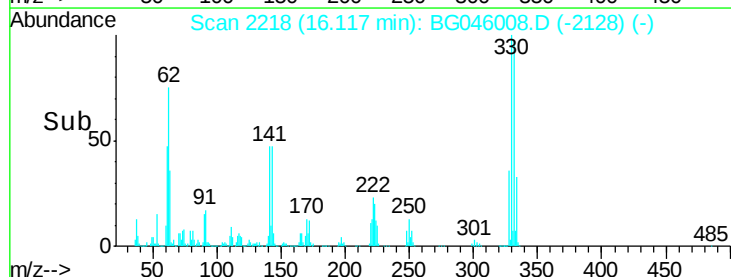
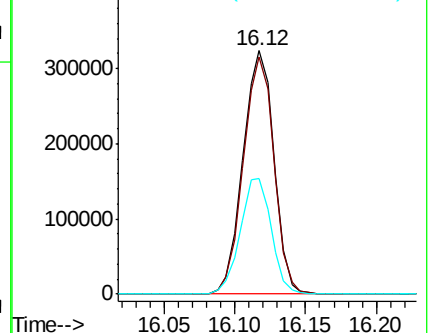
141 47.7 36.6 54.8

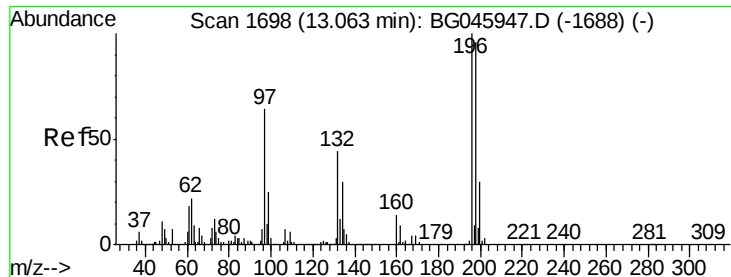


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

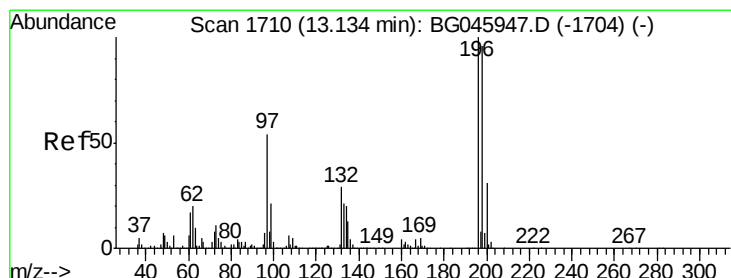
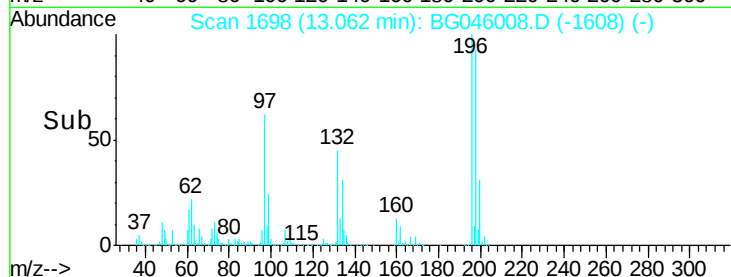
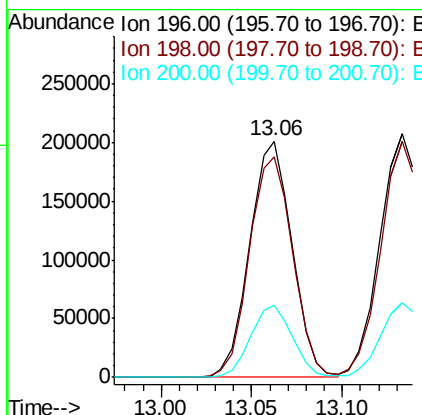
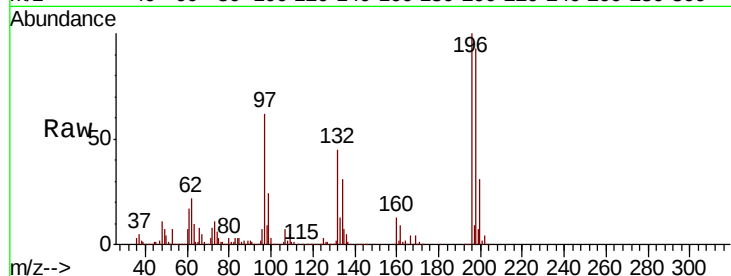




#43
 2,4,6-Trichlorophenol
 Concen: 53.712 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG046008.D
 Acq: 10 Jul 2020 15:48

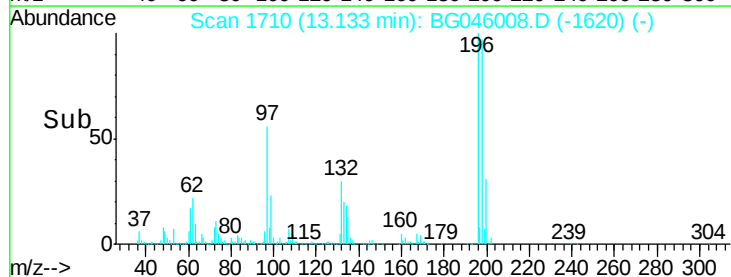
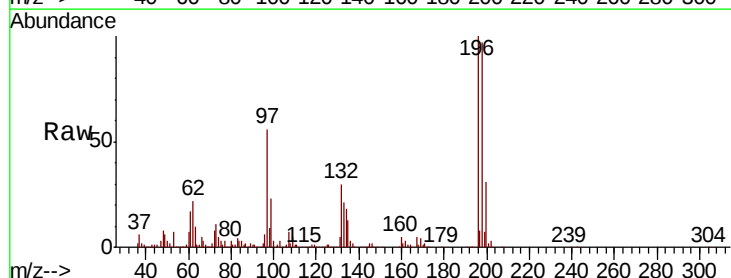
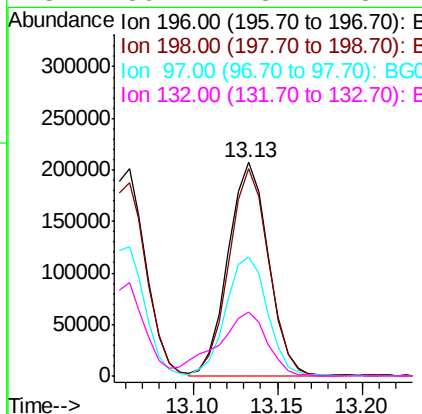
Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MSD

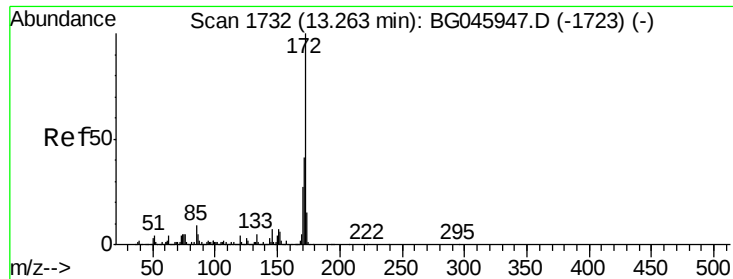
Tot Ion	196	Resp	326795
Ion Ratio	Lower	Upper	
196	100		
198	93.4	76.7	115.1
200	30.5	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 49.991 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG046008.D
 Acq: 10 Jul 2020 15:48

Tgt Ion	196	Resp	343898
Ion Ratio	Lower	Upper	
196	100		
198	96.9	77.0	115.6
97	55.7	44.3	66.5
132	30.1	23.1	34.7

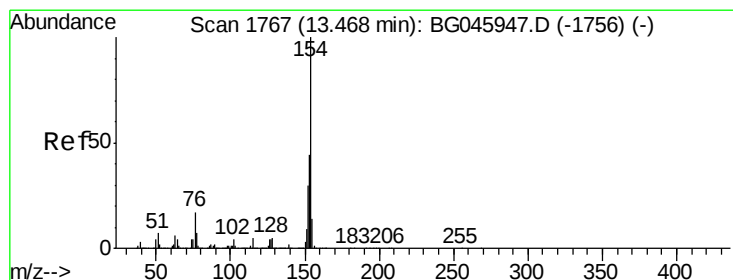
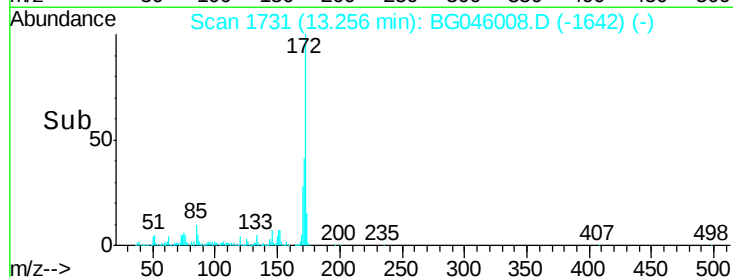
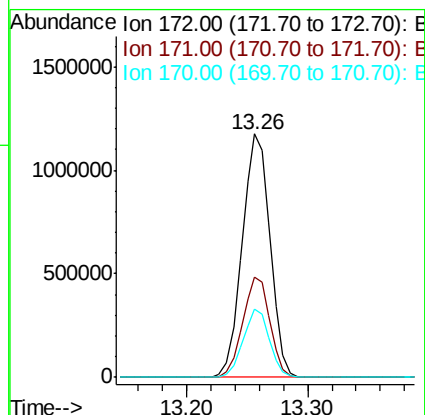
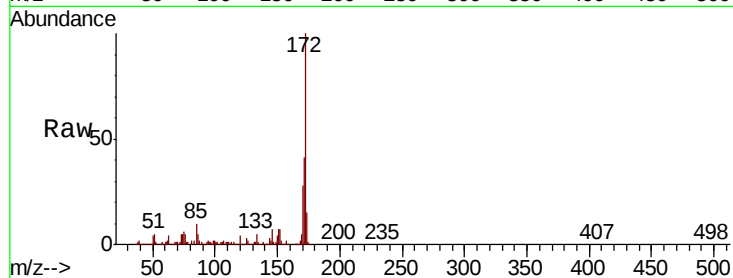




#45
2-Fluorobiphenyl
Concen: 92.101 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

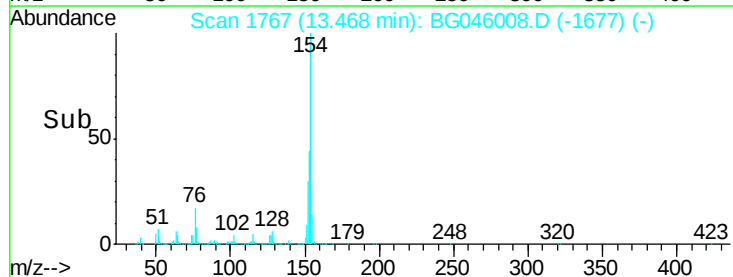
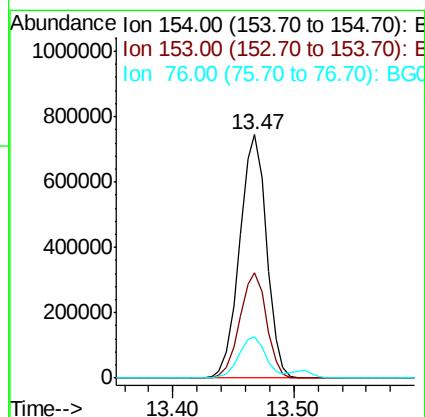
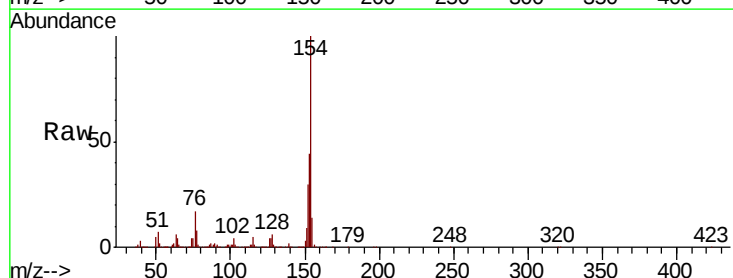
Instrument :
BNA_G
ClientSampleId :
MH-D19MSD

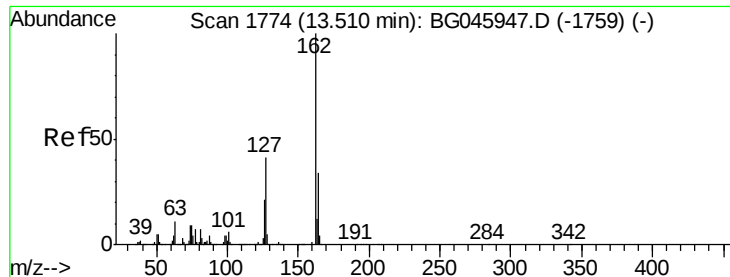
Tot Ion:172 Resp: 1884393
Ion Ratio Lower Upper
172 100
171 40.9 32.9 49.3
170 27.8 21.8 32.6



#46
1,1'-Biphenyl
Concen: 48.083 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

Tgt Ion:154 Resp: 1154352
Ion Ratio Lower Upper
154 100
153 43.5 23.6 63.6
76 17.1 0.0 36.9

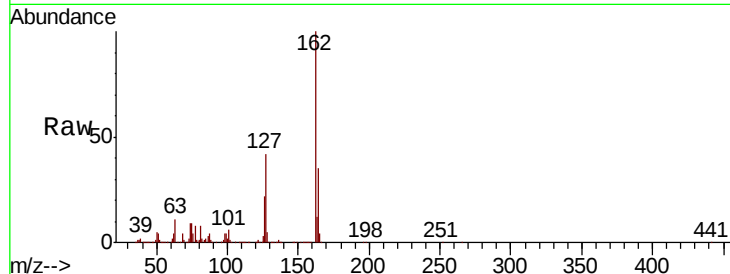




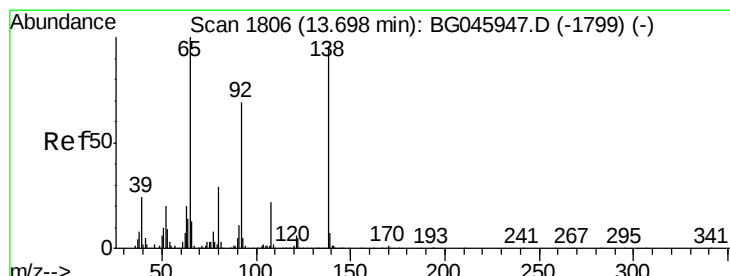
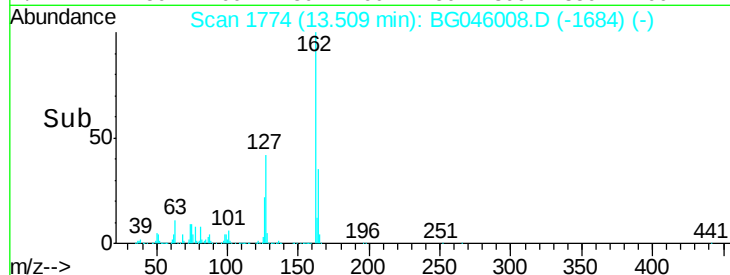
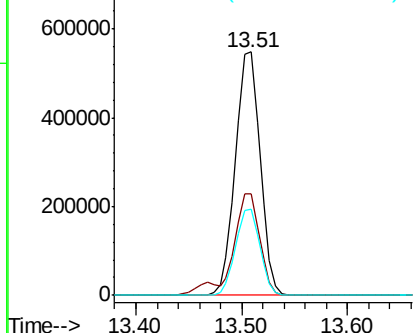
#47
 2-Chloronaphthalene
 Concen: 46.585 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BG046008.D
 Acq: 10 Jul 2020 15:48

Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	32.5	48.7
164	35.3	27.2	40.8

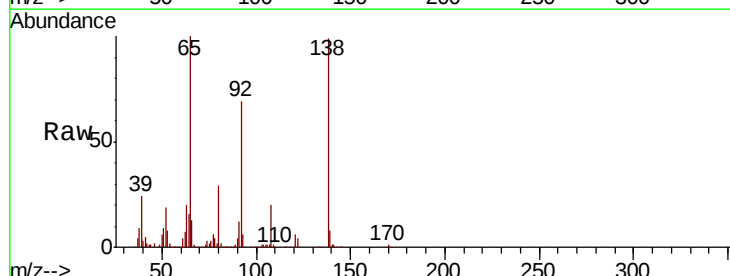


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

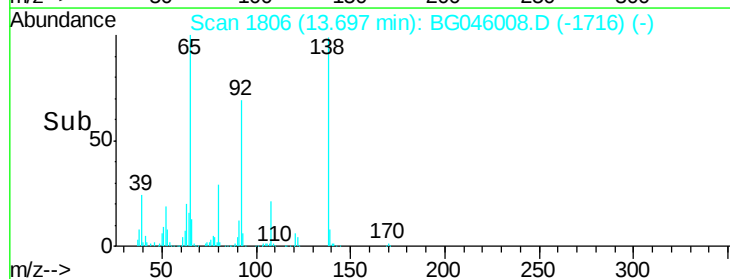
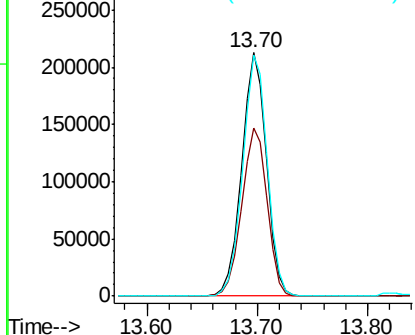


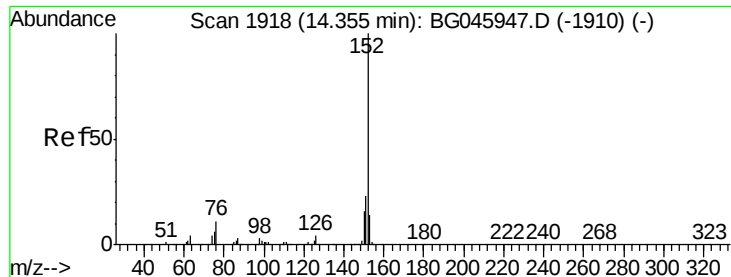
#48
 2-Nitroaniline
 Concen: 61.923 ng
 RT: 13.70 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG046008.D
 Acq: 10 Jul 2020 15:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.0	55.4	83.0
138	98.8	77.0	115.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.594 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_G

ClientSampleId :

MH-D19MSD

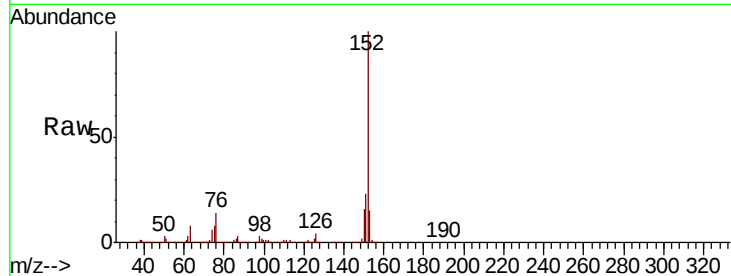
Tot Ion:152 Resp: 1485132

Ion Ratio Lower Upper

152 100

151 23.0 18.1 27.1

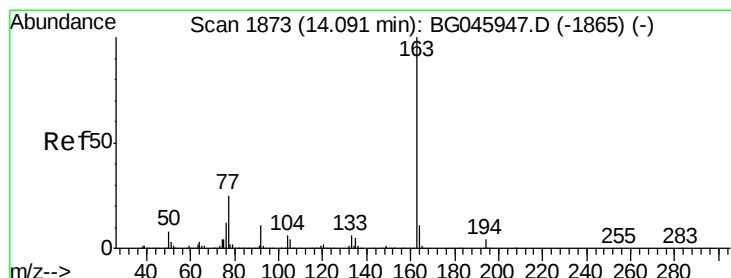
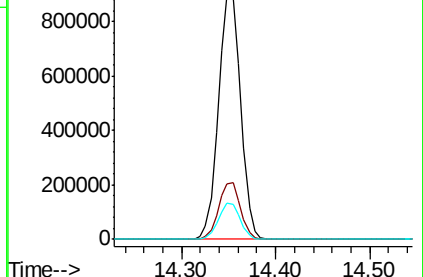
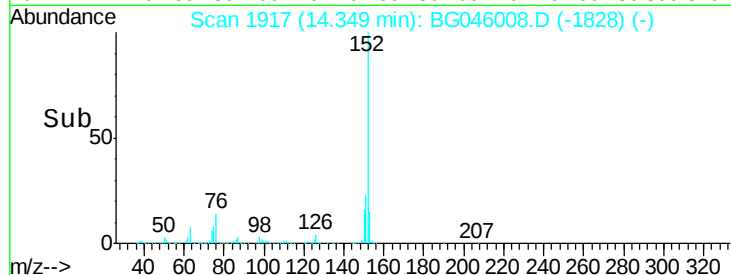
153 14.9 11.5 17.3



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: 50.854 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

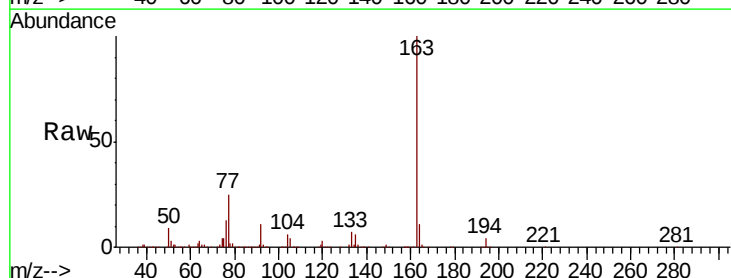
Tgt Ion:163 Resp: 1217986

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

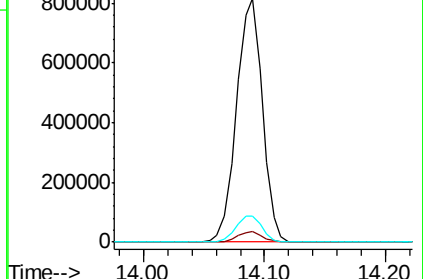
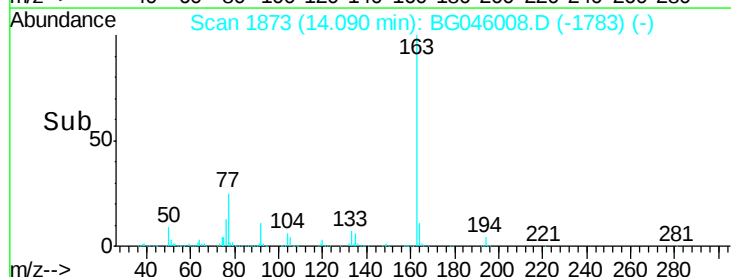
164 10.9 8.9 13.3

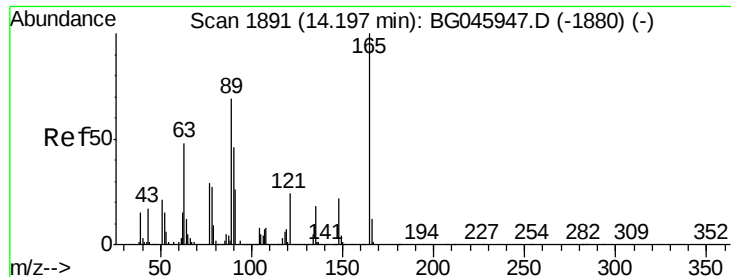


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 64.075 ng

RT: 14.20 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_G

ClientSampleId :

MH-D19MSD

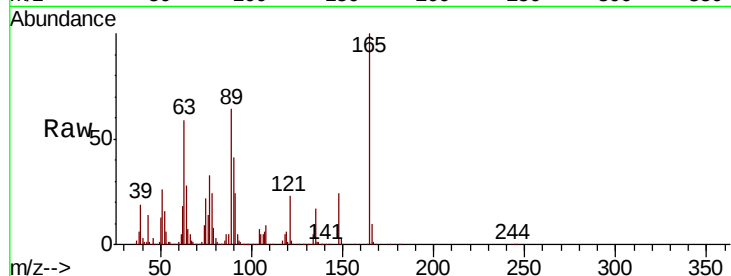
Tot Ion:165 Resp: 279588

Ion Ratio Lower Upper

165 100

63 59.5 51.0 76.4

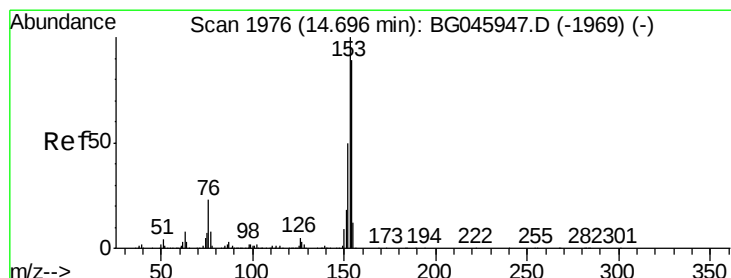
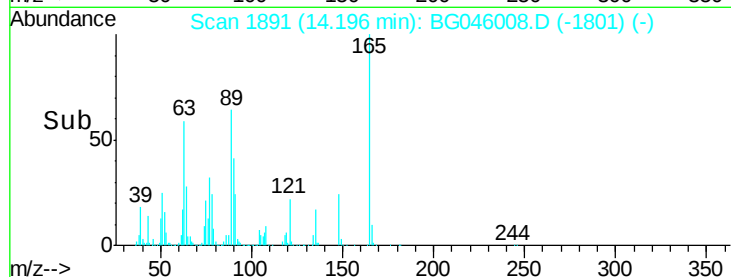
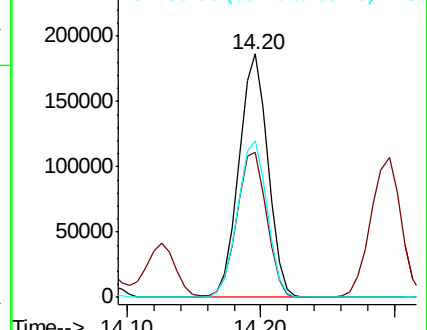
89 64.4 55.7 83.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 54.094 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

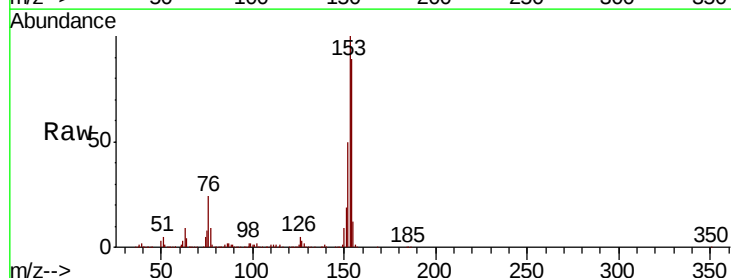
Tgt Ion:154 Resp: 1042777

Ion Ratio Lower Upper

154 100

153 112.5 89.7 134.5

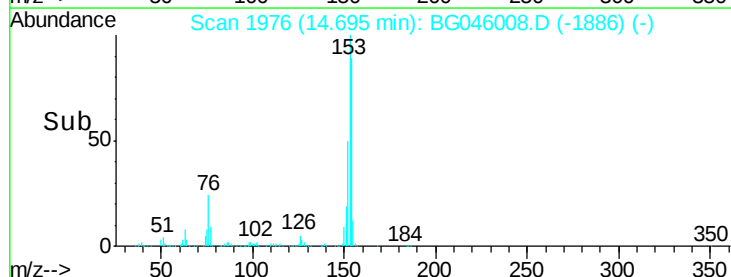
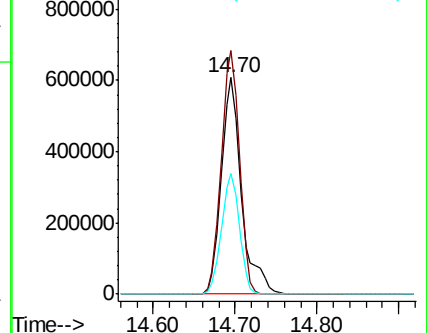
152 55.9 44.7 67.1

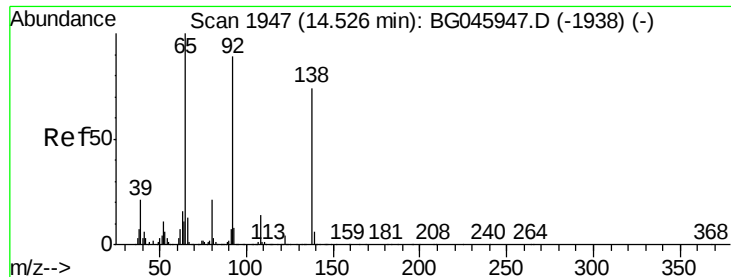


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

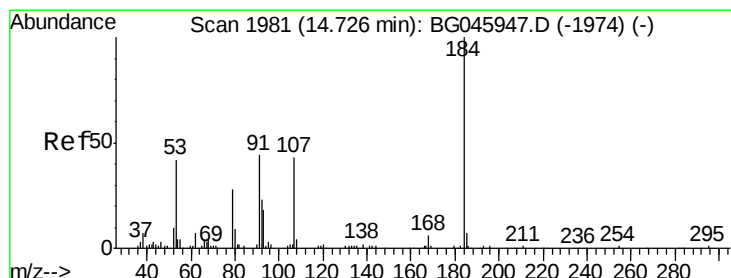
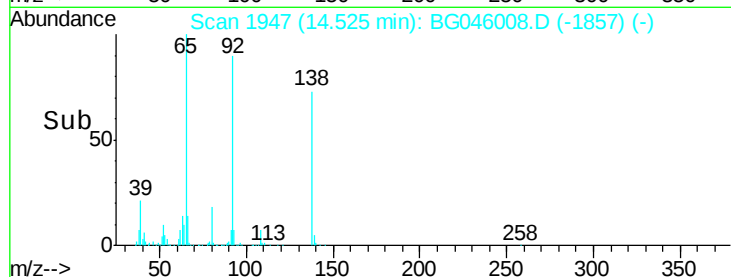
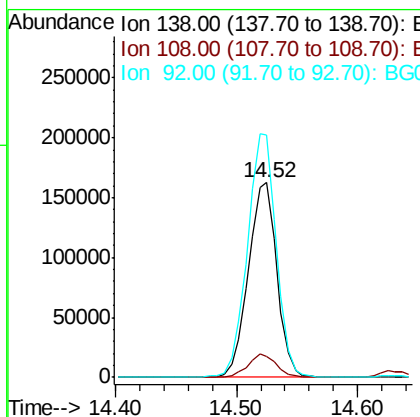
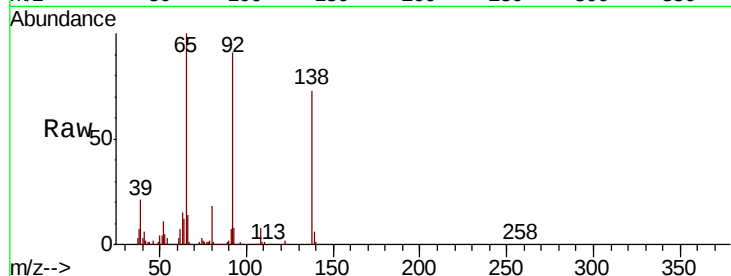




#53
3-Nitroaniline
Concen: 50.672 ng
RT: 14.52 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

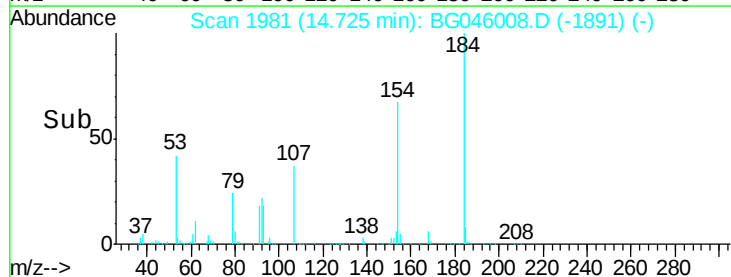
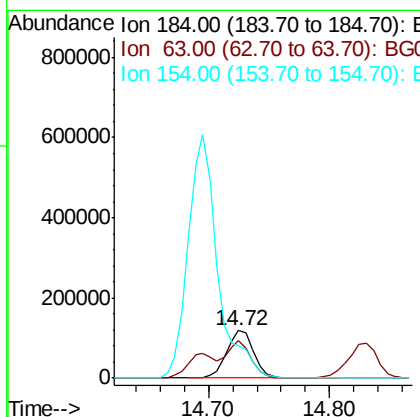
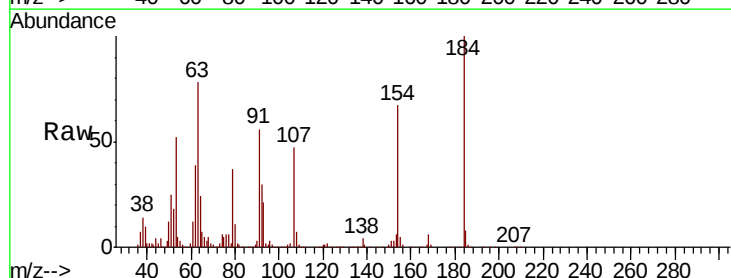
Instrument :
BNA_G
ClientSampleId :
MH-D19MSD

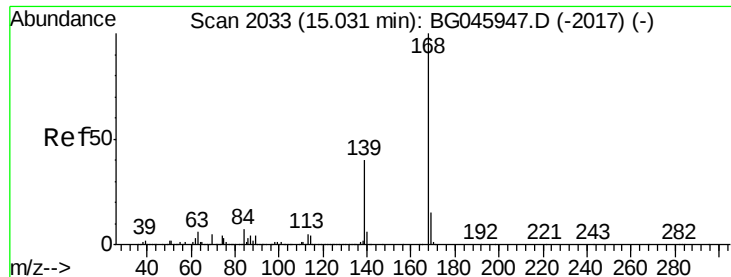
Tot Ion:138 Resp: 267281
Ion Ratio Lower Upper
138 100
108 10.7 15.4 23.2#
92 124.8 95.9 143.9



#54
2,4-Dinitrophenol
Concen: 114.568 ng
RT: 14.72 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

Tgt Ion:184 Resp: 188183
Ion Ratio Lower Upper
184 100
63 78.4 46.0 69.0#
154 66.9 58.2 87.2

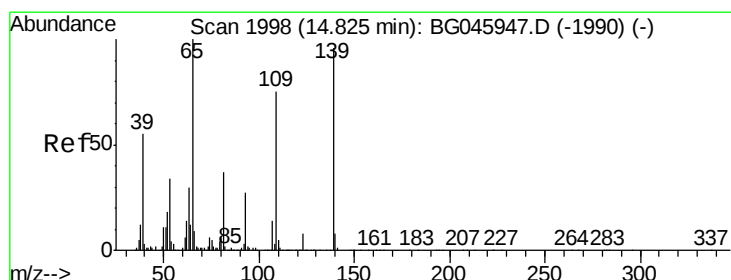
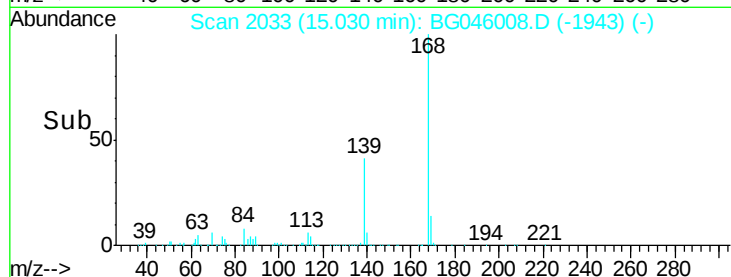
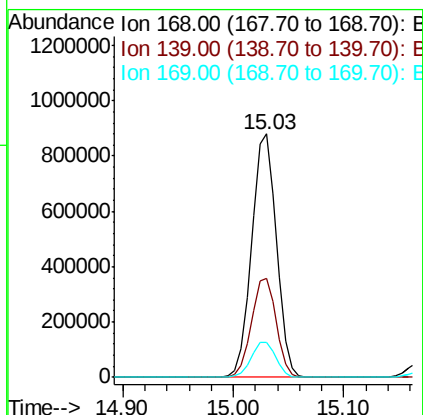
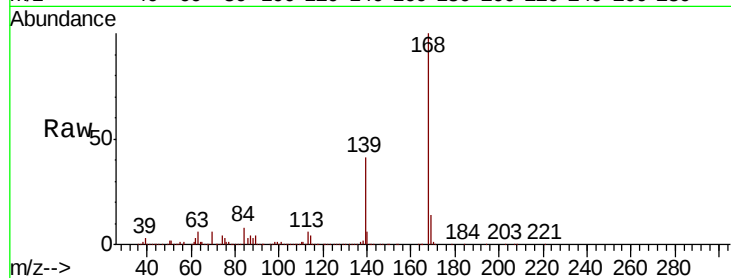




#55
Dibenzofuran
Concen: 49.149 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

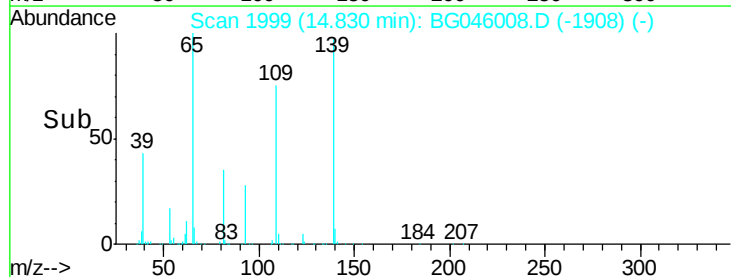
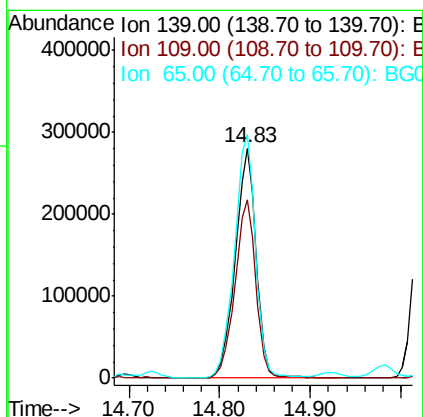
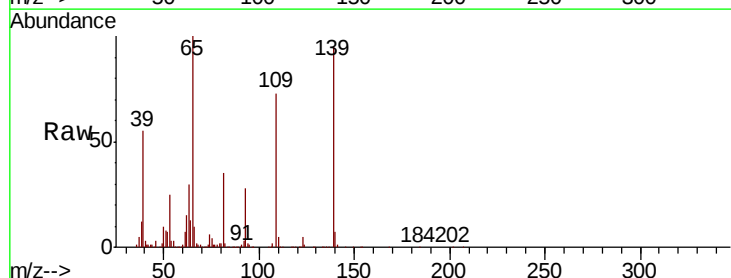
Instrument :
BNA_G
ClientSampleId :
MH-D19MSD

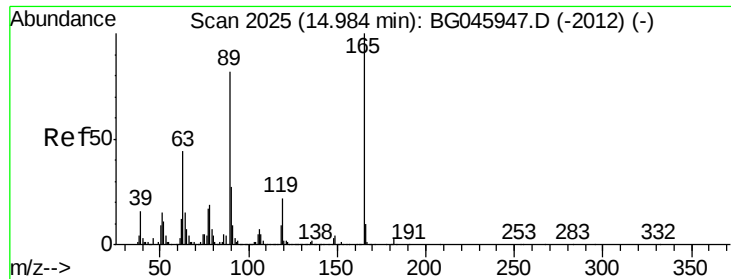
Tot Ion:168 Resp: 1388850
Ion Ratio Lower Upper
168 100
139 40.9 32.2 48.2
169 14.5 11.8 17.8



#56
4-Nitrophenol
Concen: 115.755 ng
RT: 14.83 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

Tgt Ion:139 Resp: 451684
Ion Ratio Lower Upper
139 100
109 77.6 58.5 98.5
65 105.8 84.7 124.7

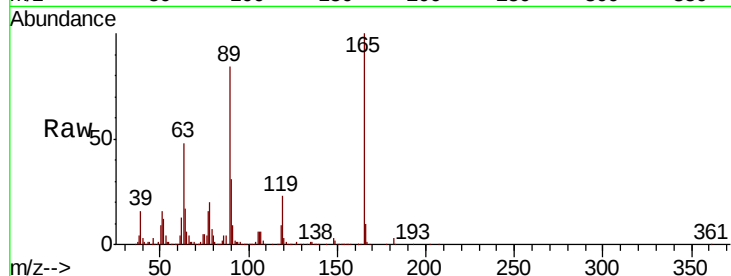




#57
2,4-Dinitrotoluene
Concen: 68.253 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

Instrument :
BNA_G
ClientSampleId :
MH-D19MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.1	35.4	53.0
89	84.1	65.4	98.2
182	2.6	2.0	3.0



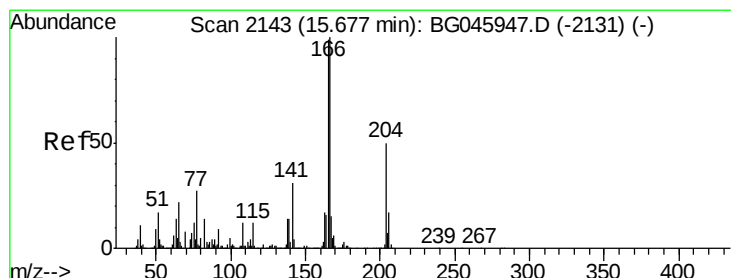
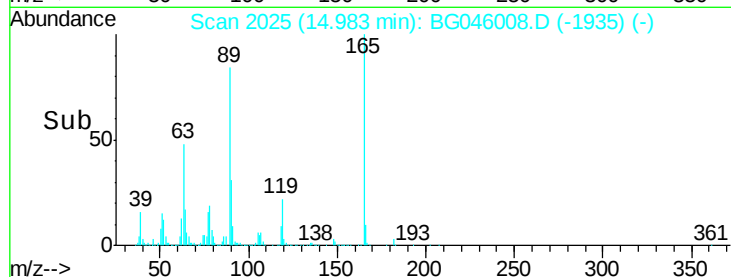
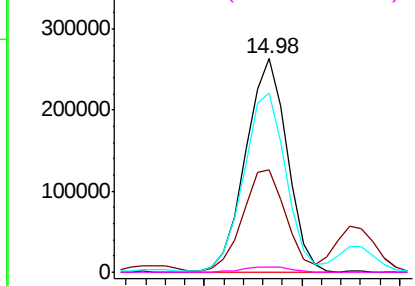
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

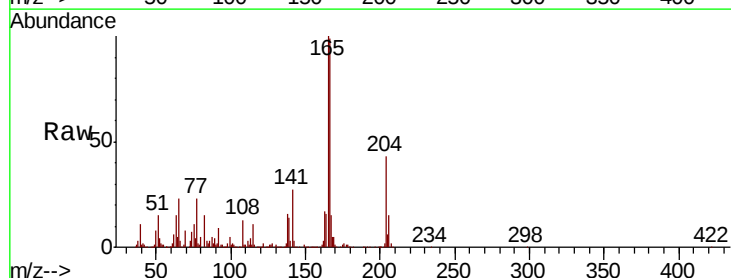
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 50.772 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.8	78.9	118.3
167	15.5	12.1	18.1

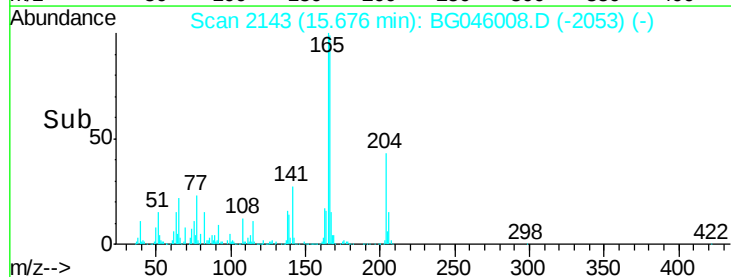
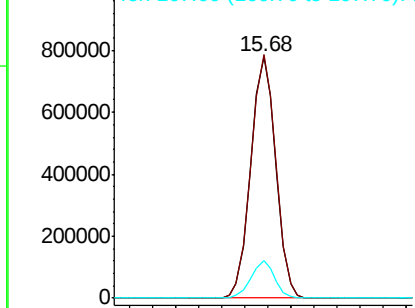


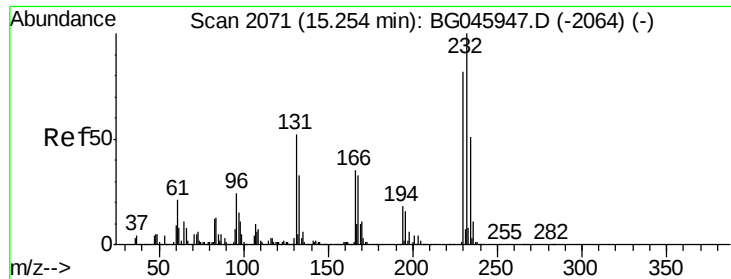
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 58.840 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.08 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_G

ClientSampleId :

MH-D19MSD

Tot Ion:232 Resp: 312519

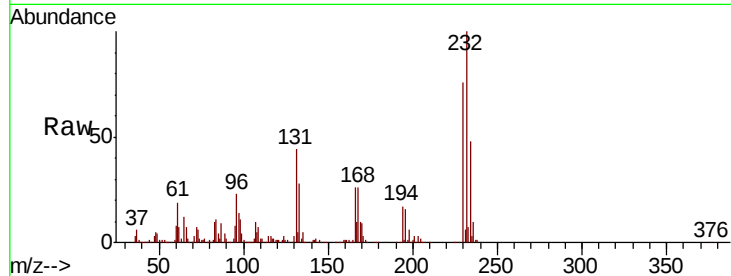
Ion Ratio Lower Upper

232 100

131 45.3 35.8 53.6

130 3.0 2.5 3.7

166 27.5 21.8 32.8

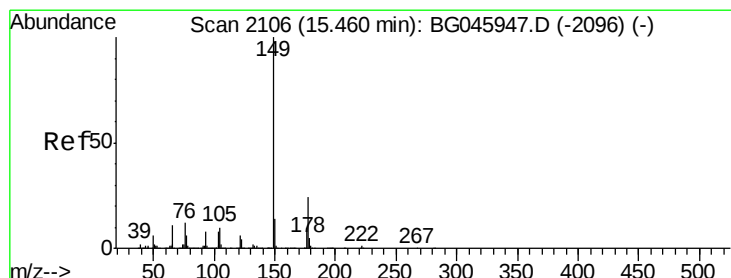
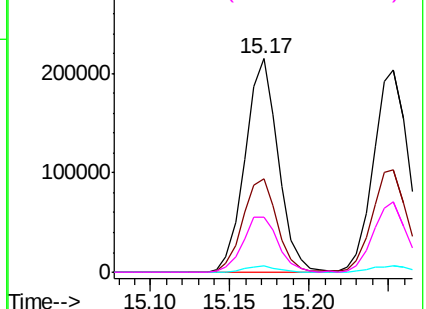
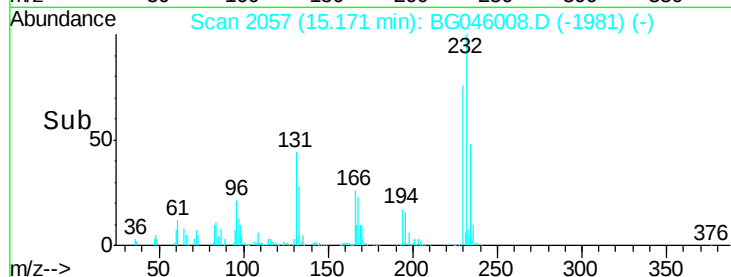


Abundance Ion 232.00 (231.70 to 232.70): E

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: 51.407 ng

RT: 15.45 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

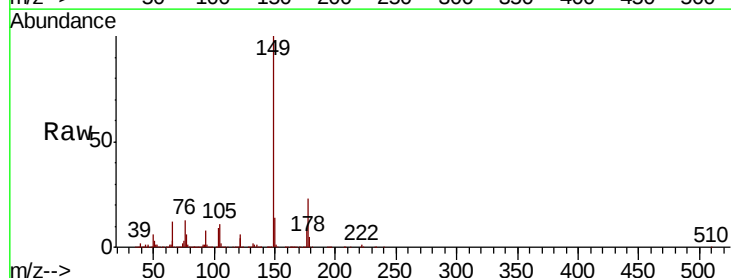
Tgt Ion:149 Resp: 1291235

Ion Ratio Lower Upper

149 100

177 23.2 19.0 28.4

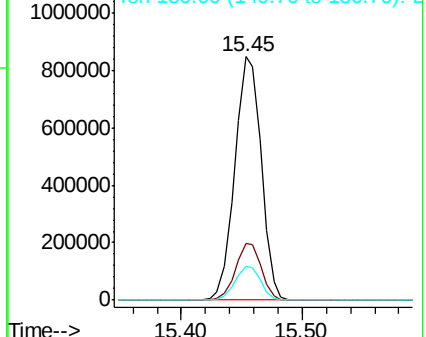
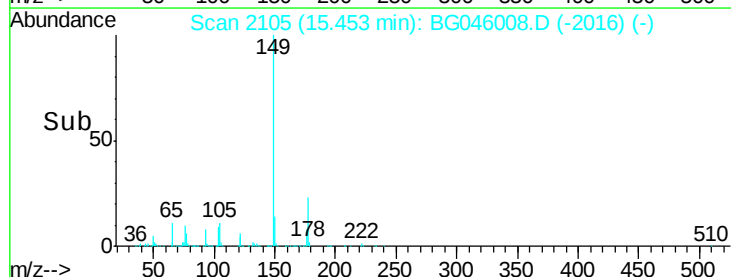
150 13.8 11.0 16.4

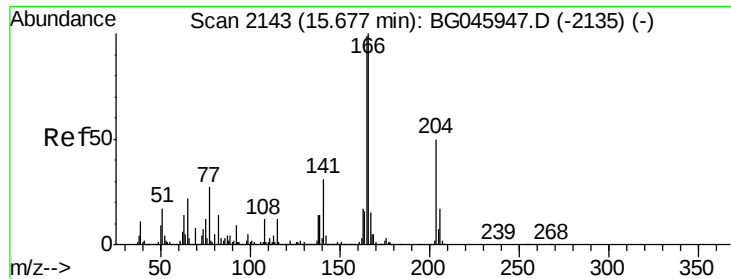


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

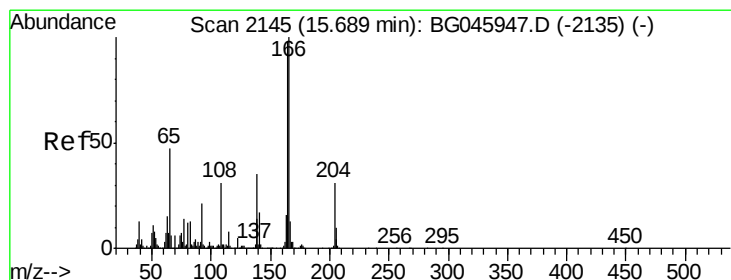
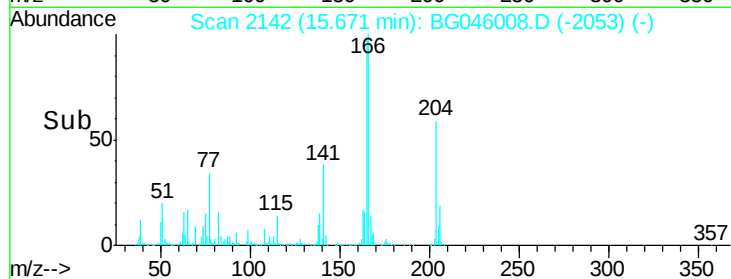
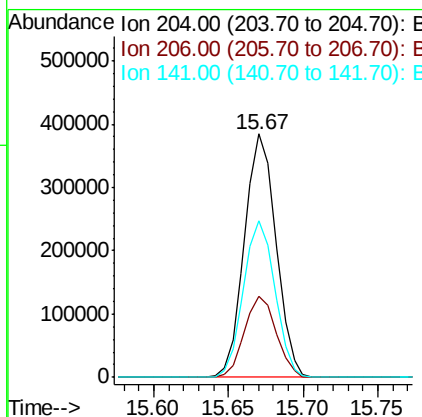
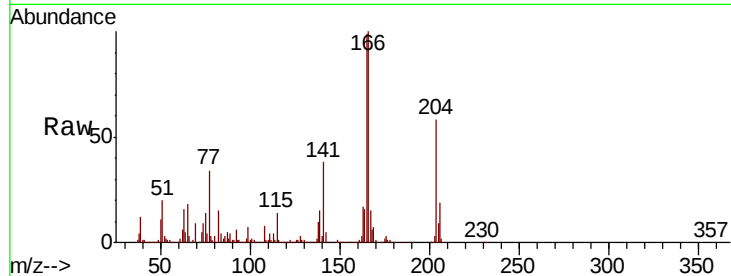




#61
4-Chlorophenyl-phenylether
Concen: 48.676 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

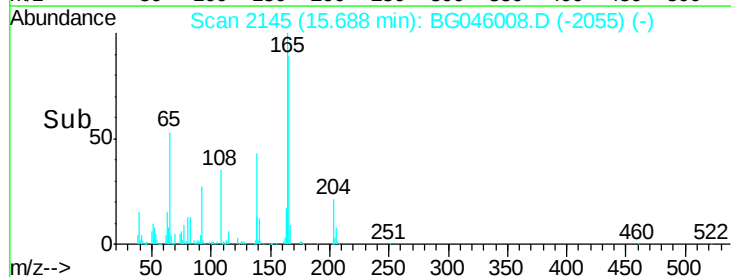
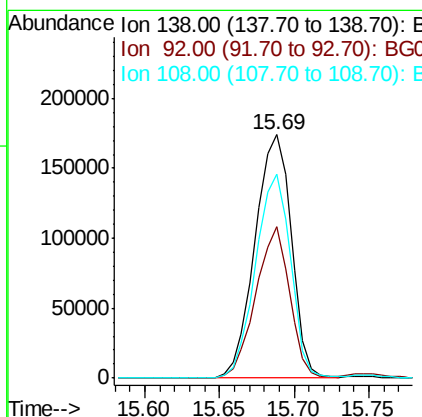
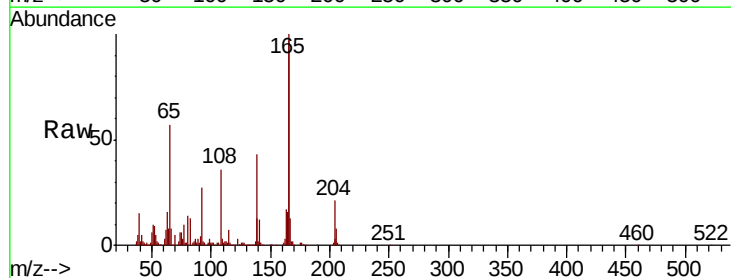
Instrument :
BNA_G
ClientSampleId :
MH-D19MSD

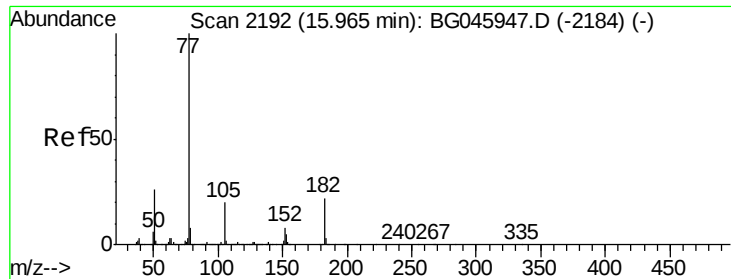
Tot Ion:204 Resp: 561356
Ion Ratio Lower Upper
204 100
206 33.1 27.1 40.7
141 64.3 49.8 74.8



#62
4-Nitroaniline
Concen: 59.183 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

Tgt Ion:138 Resp: 292966
Ion Ratio Lower Upper
138 100
92 62.4 40.3 80.3
108 84.0 68.0 108.0

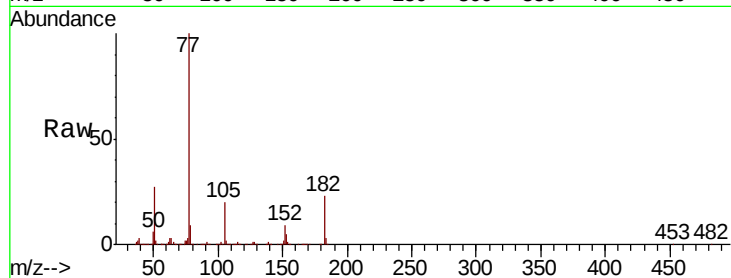




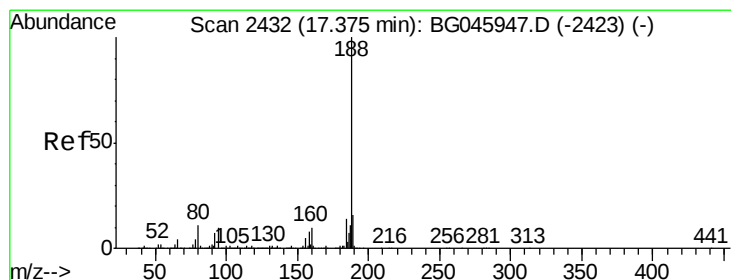
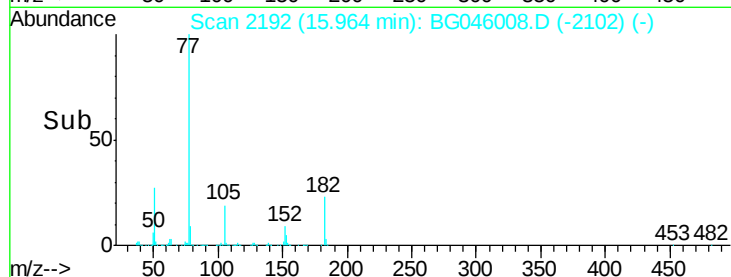
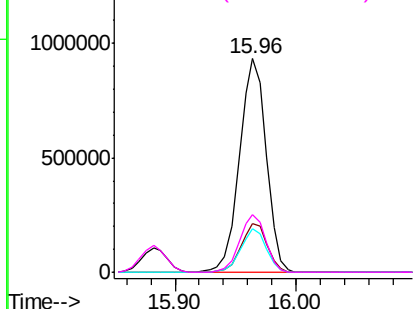
#63
Azobenzene
Concen: 53.348 ng
RT: 15.96 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

Instrument :
BNA_G
ClientSampleId :
MH-D19MSD

Tot Ion: 77 Resp: 1438214
Ion Ratio Lower Upper
77 100
182 22.8 2.4 42.4
105 20.3 0.3 40.3
51 26.9 6.3 46.3

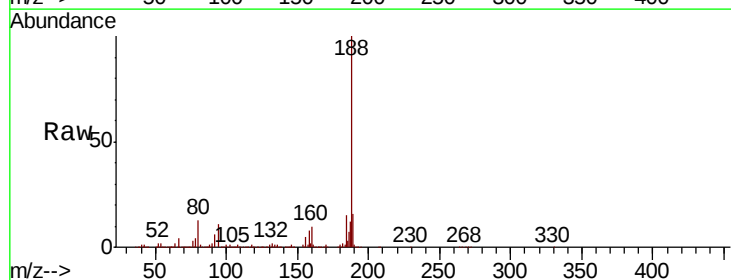


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

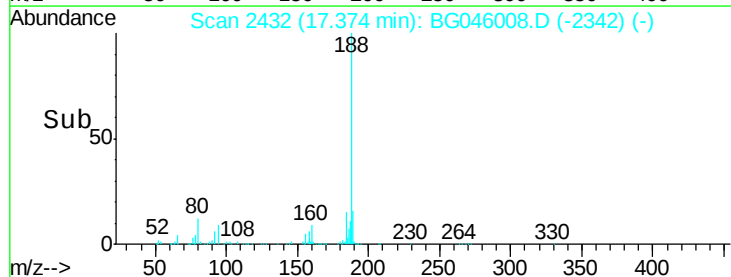
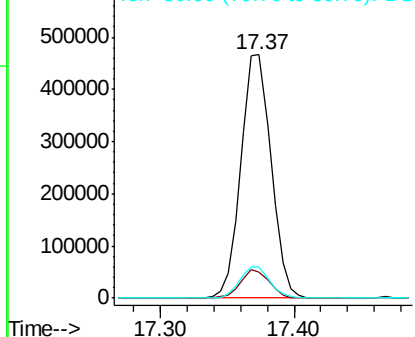


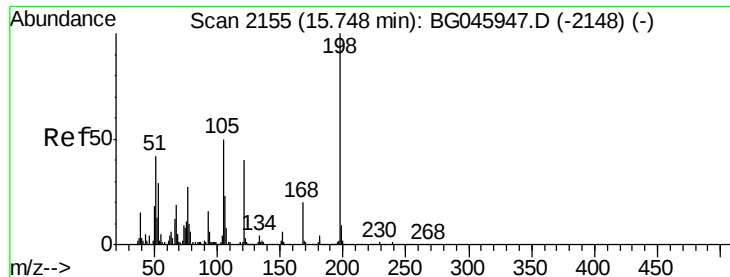
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

Tgt Ion: 188 Resp: 727679
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.4
80 12.6 9.0 13.6



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

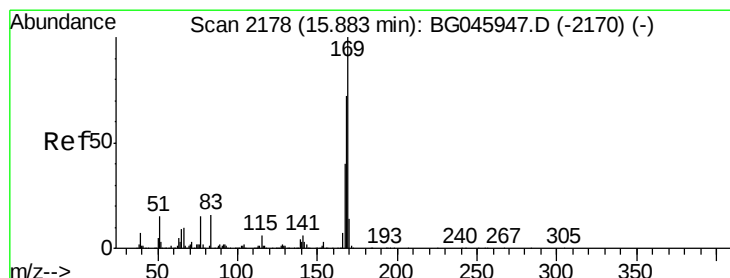
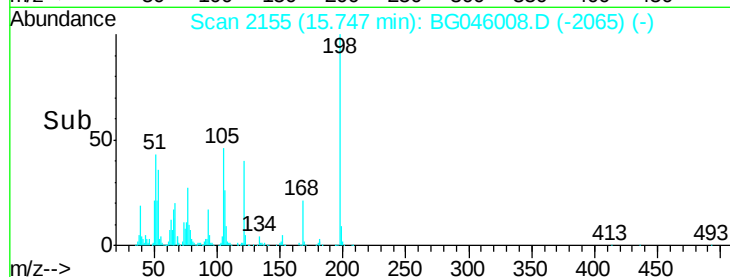
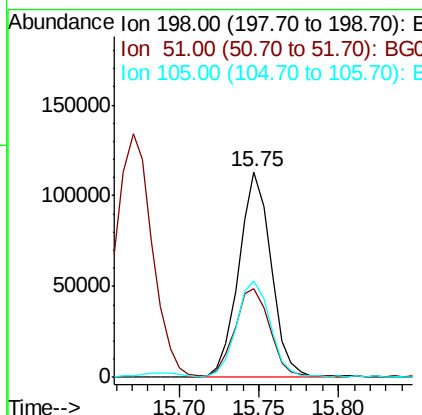
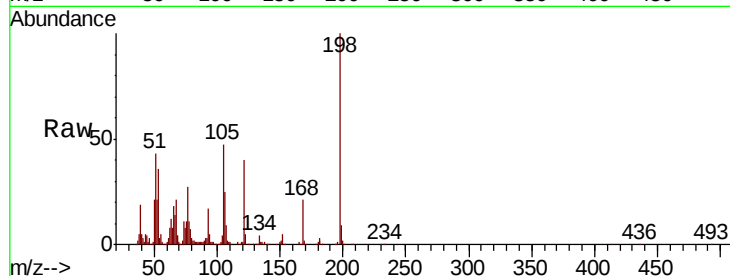




#65
 4,6-Dinitro-2-methylphenol
 Concen: 61.853 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG046008.D
 Acq: 10 Jul 2020 15:48

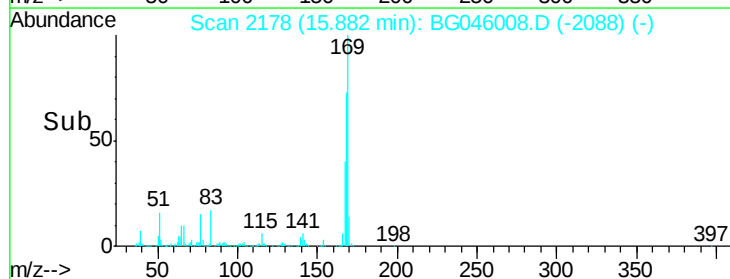
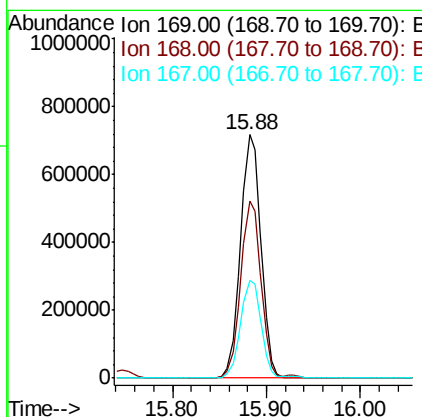
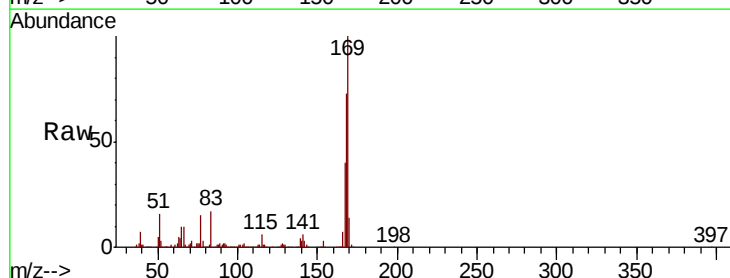
Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MSD

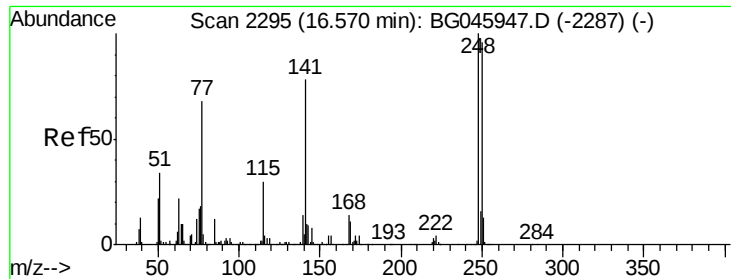
Tot Ion	Ratio	Lower	Upper
198	100		
51	43.4	24.5	64.5
105	46.7	30.9	70.9



#66
 n-Nitrosodiphenylamine
 Concen: 47.867 ng
 RT: 15.88 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BG046008.D
 Acq: 10 Jul 2020 15:48

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.8	57.3	85.9
167	40.4	32.1	48.1

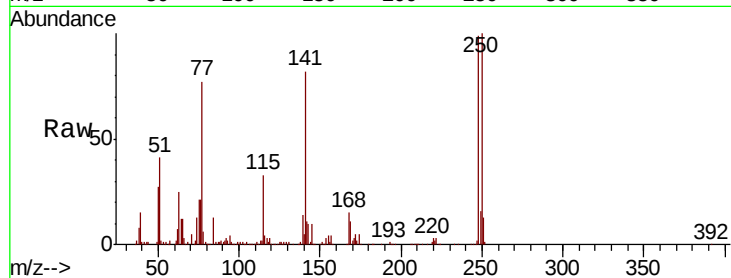




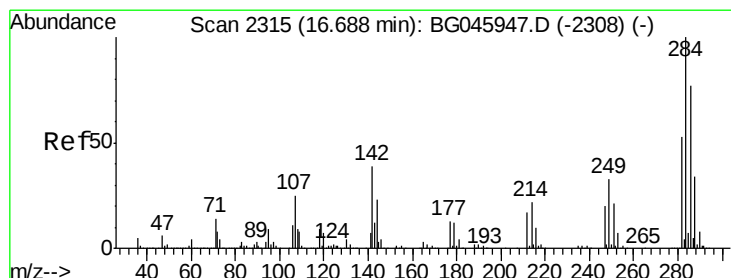
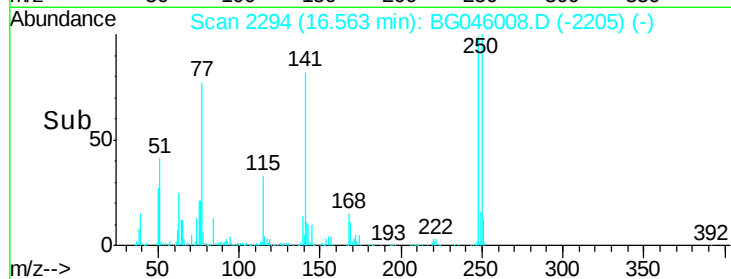
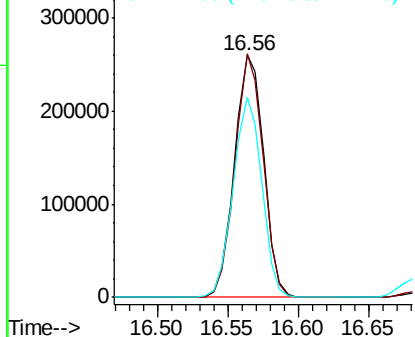
#67
4-Bromophenyl-phenylether
Concen: 46.228 ng
RT: 16.56 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

Instrument :
BNA_G
ClientSampleId :
MH-D19MSD

Tot Ion:248 Resp: 375705
Ion Ratio Lower Upper
248 100
250 100.7 76.6 114.8
141 83.0 62.7 94.1

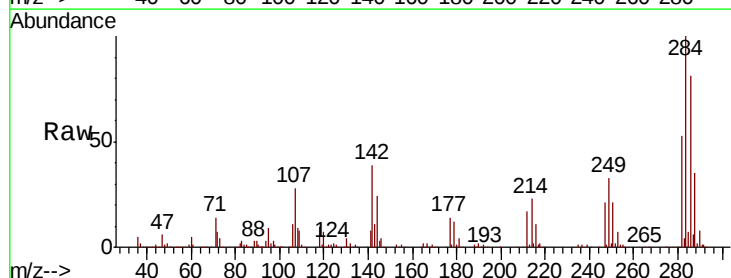


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

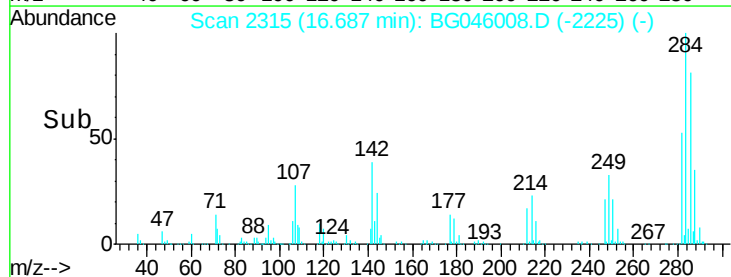
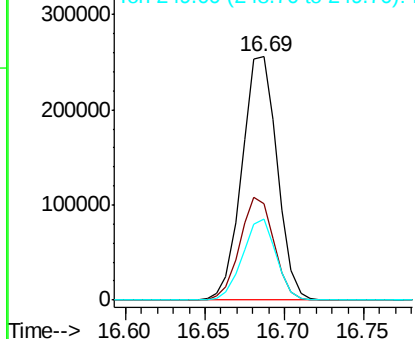


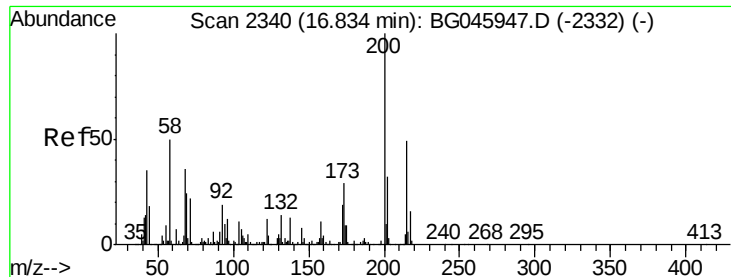
#68
Hexachlorobenzene
Concen: 48.250 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

Tgt Ion:284 Resp: 393500
Ion Ratio Lower Upper
284 100
142 39.4 31.3 46.9
249 33.3 26.8 40.2



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





#69

Atrazine

Concen: 55.385 ng

RT: 16.83 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_G

ClientSampleId :

MH-D19MSD

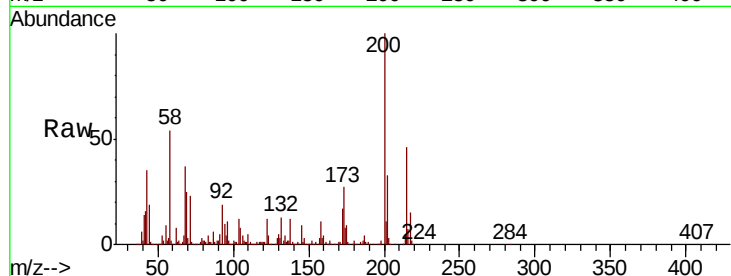
Tot Ion:200 Resp: 369248

Ion Ratio Lower Upper

200 100

173 26.8 9.1 49.1

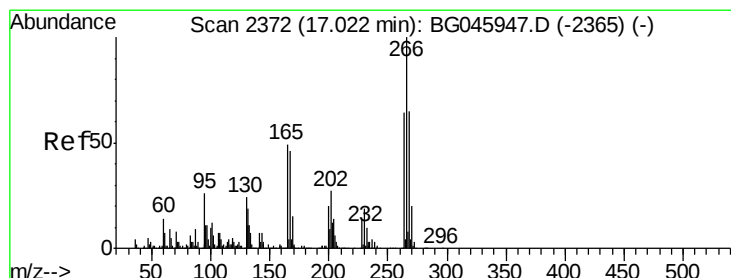
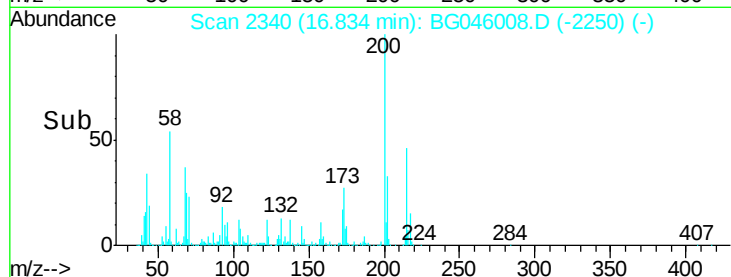
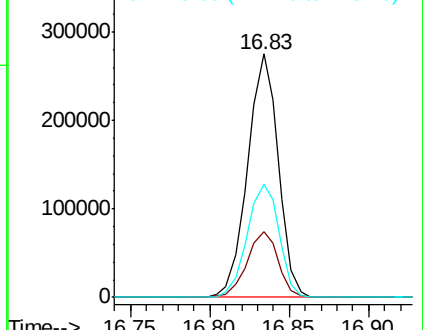
215 46.4 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 108.142 ng

RT: 17.02 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

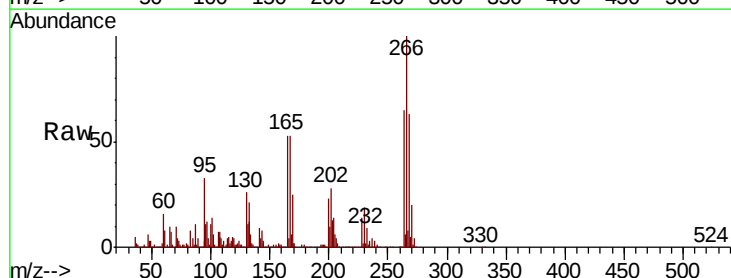
Tgt Ion:266 Resp: 490348

Ion Ratio Lower Upper

266 100

268 63.1 51.8 77.8

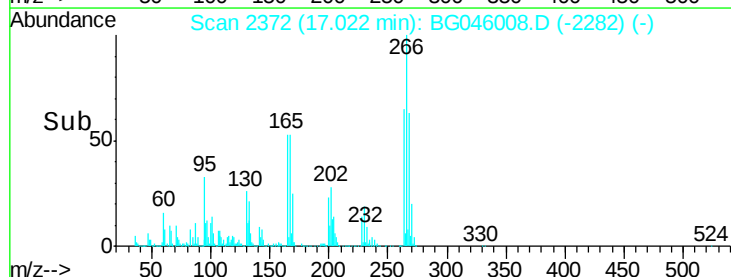
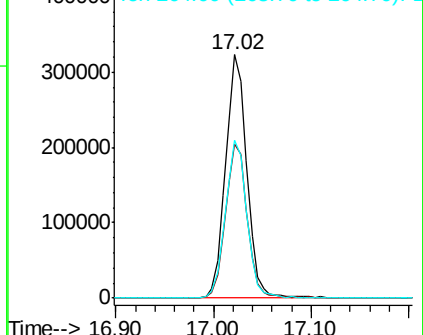
264 65.0 51.4 77.0

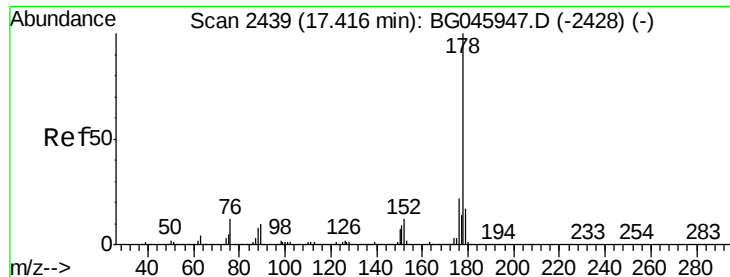


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.404 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_G

ClientSampleId :

MH-D19MSD

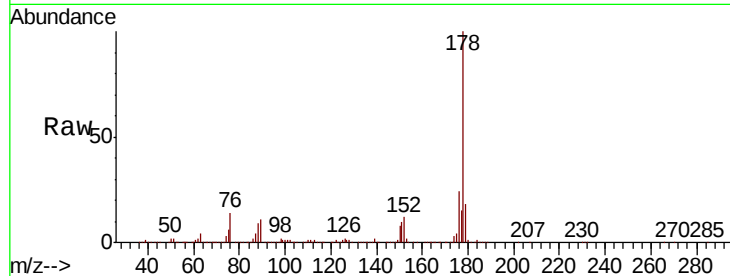
Tot Ion:178 Resp: 1862116

Ion Ratio Lower Upper

178 100

176 23.8 17.4 26.2

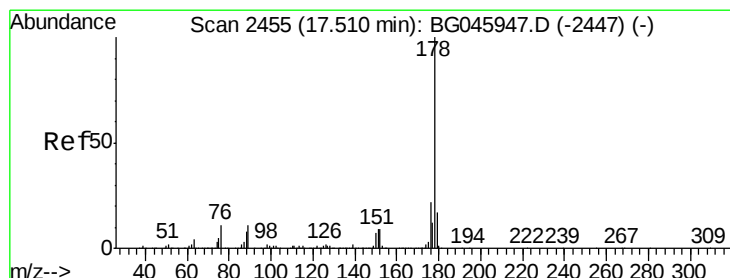
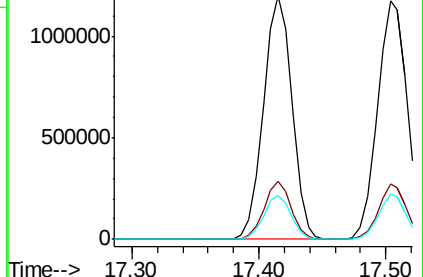
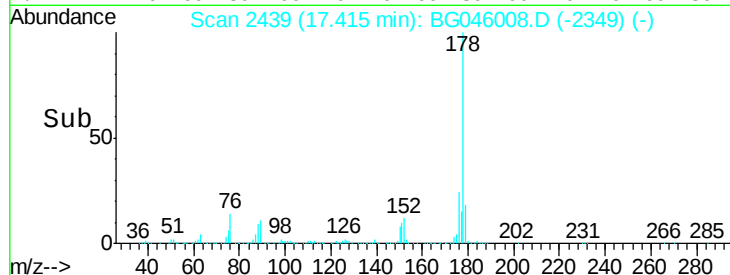
179 18.1 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.847 ng

RT: 17.50 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

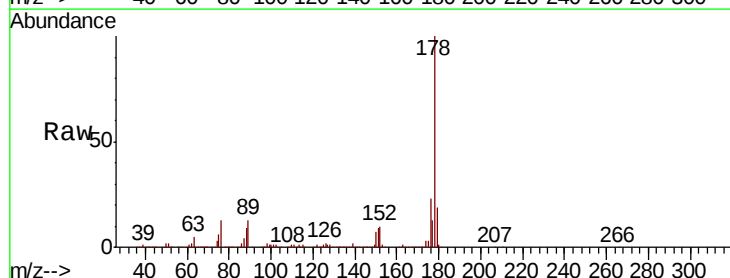
Tgt Ion:178 Resp: 1907058

Ion Ratio Lower Upper

178 100

176 23.4 17.2 25.8

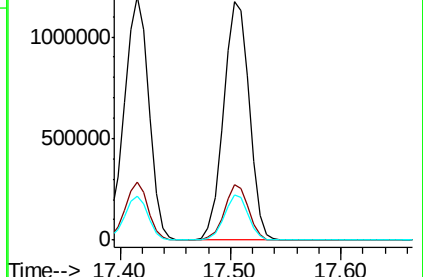
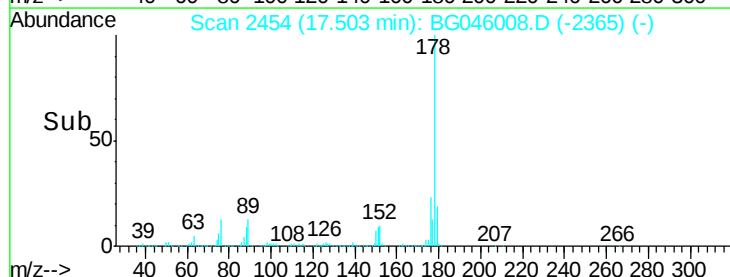
179 18.8 14.0 21.0

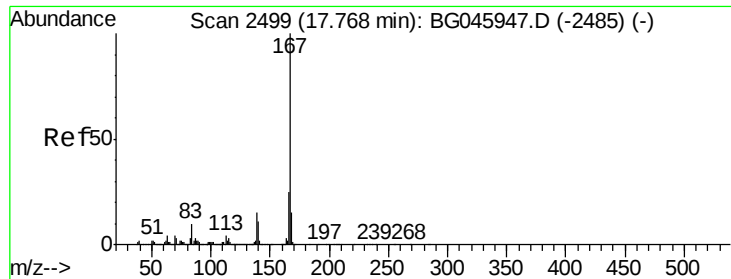


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 47.599 ng

RT: 17.77 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Instrument :

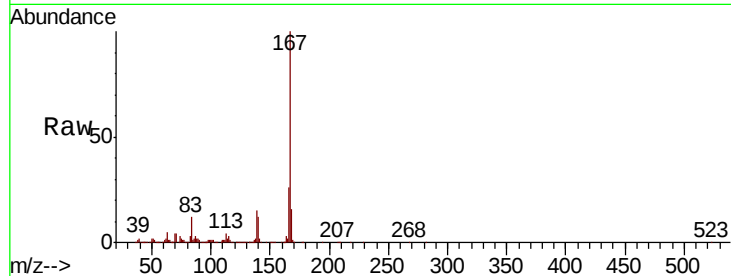
BNA_G

ClientSampleId :

MH-D19MSD

Tot Ion:167 Resp: 1862688

Ion	Ratio	Lower	Upper
167	100		
166	26.0	20.4	30.6
139	15.0	11.8	17.8

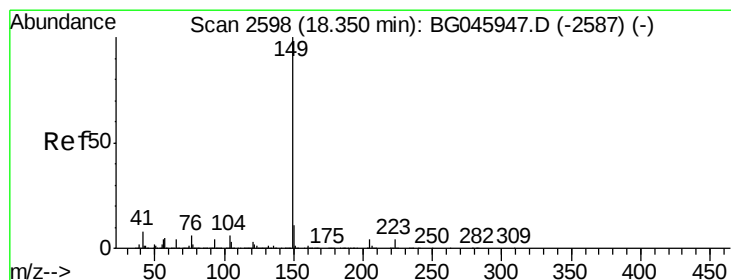
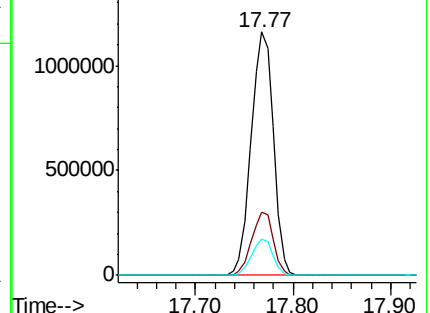
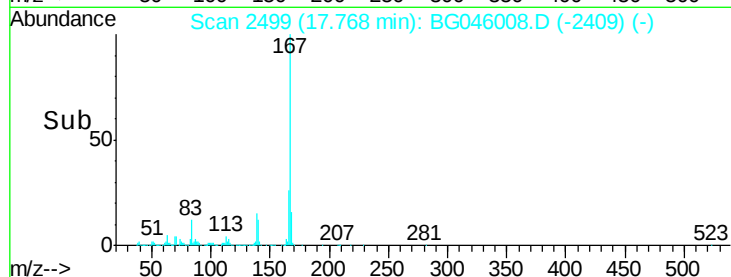


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.134 ng

RT: 18.34 min Scan# 2597

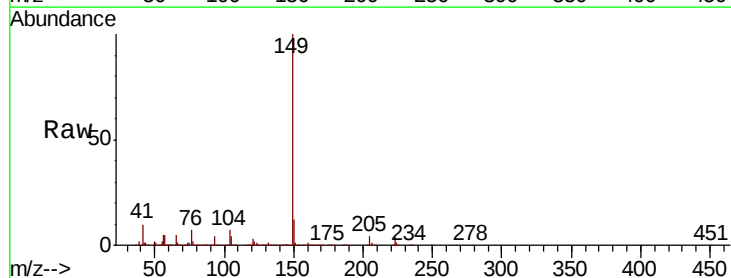
Delta R.T. -0.01 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Tgt Ion:149 Resp: 2228893

Ion	Ratio	Lower	Upper
149	100		
150	12.0	9.0	13.4
104	7.0	5.2	7.8

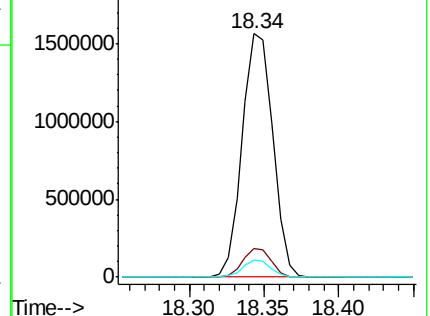
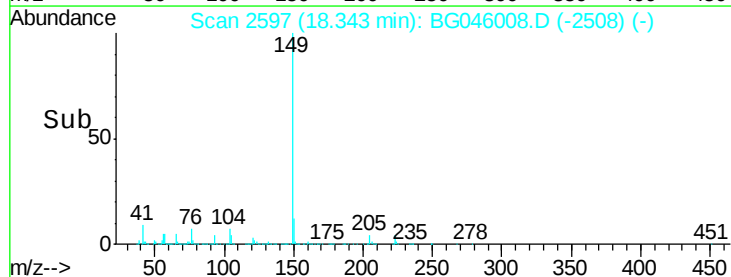


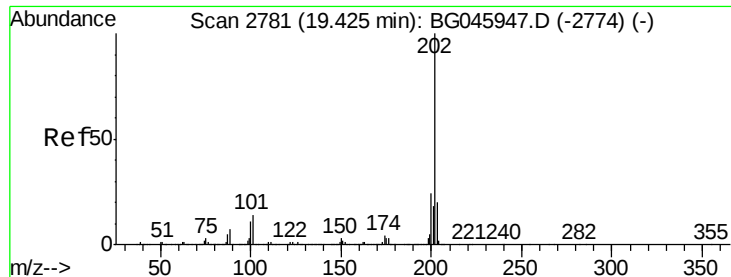
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.665 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_G

ClientSampleId :

MH-D19MSD

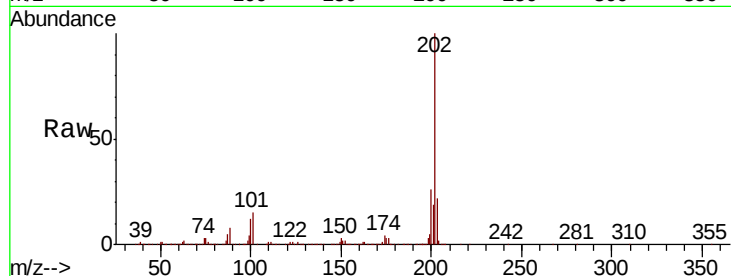
Tot Ion:202 Resp: 2164254

Ion Ratio Lower Upper

202 100

101 15.2 0.0 33.8

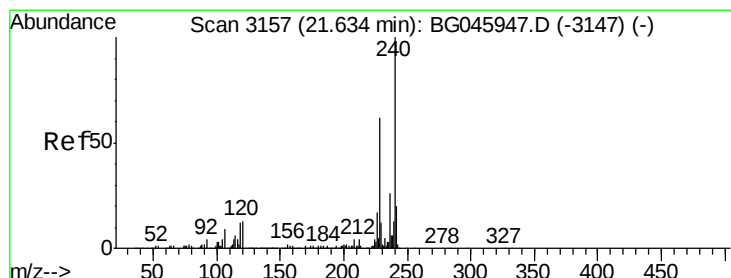
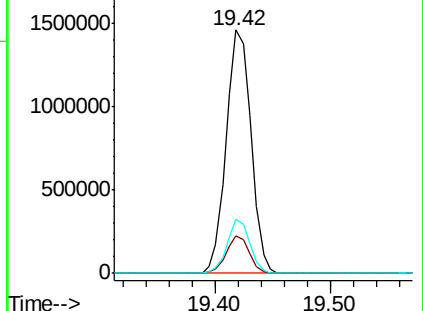
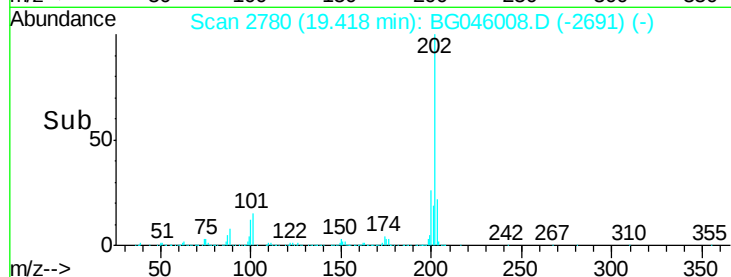
203 22.2 0.4 40.4



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: 21.63 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

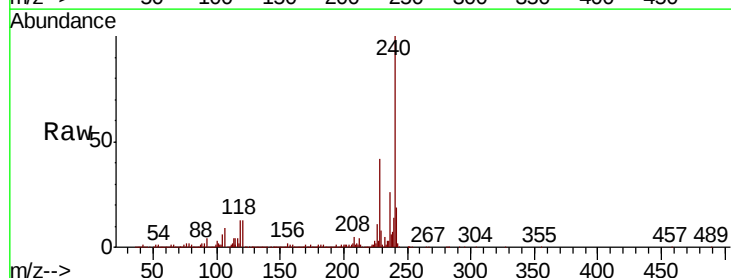
Tgt Ion:240 Resp: 604173

Ion Ratio Lower Upper

240 100

120 13.3 10.6 16.0

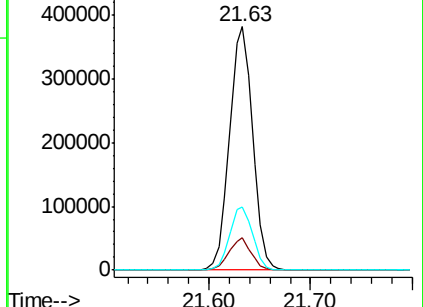
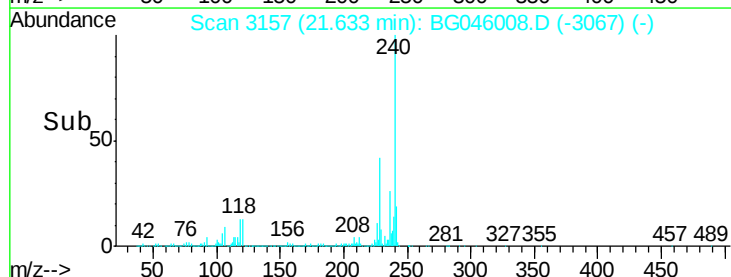
236 25.7 20.4 30.6

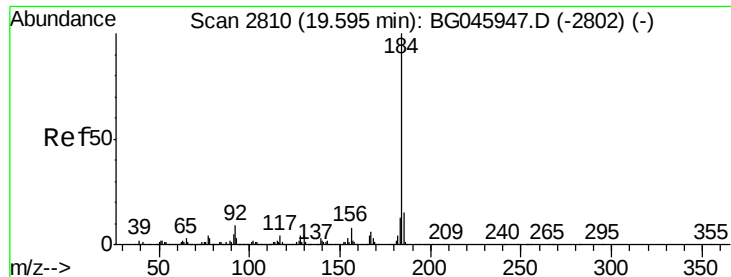


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

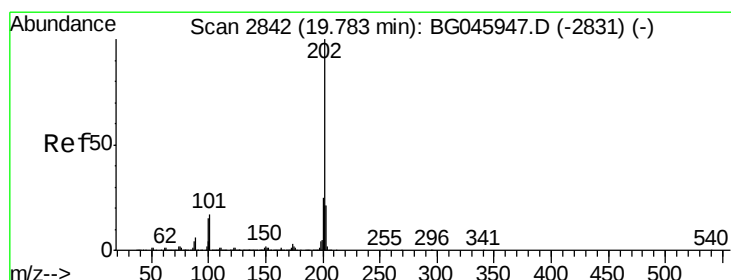
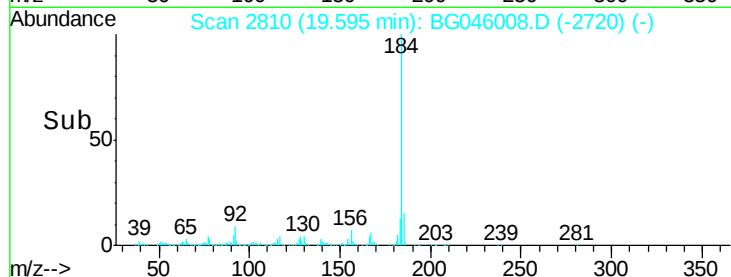
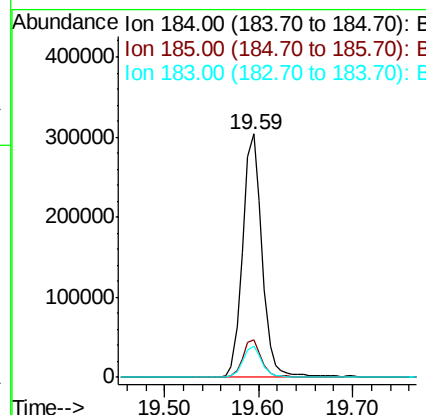
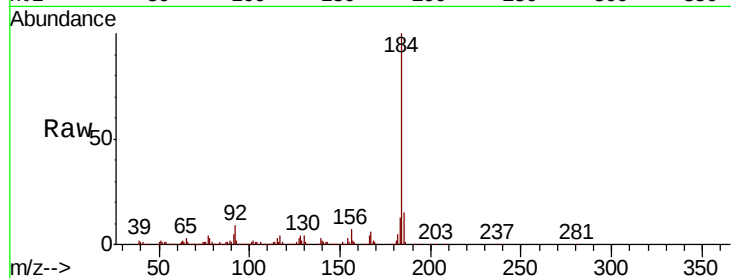




#77
Benzidine
Concen: 25.290 ng
RT: 19.59 min Scan# 2810
Delta R.T. -0.00 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

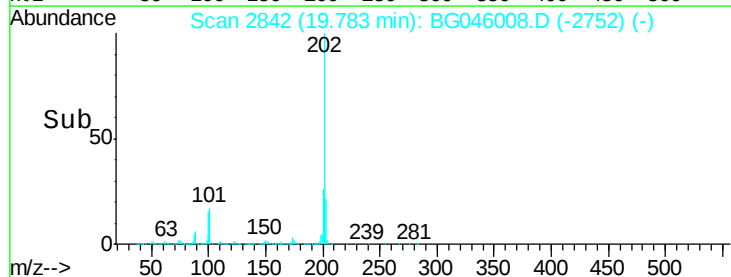
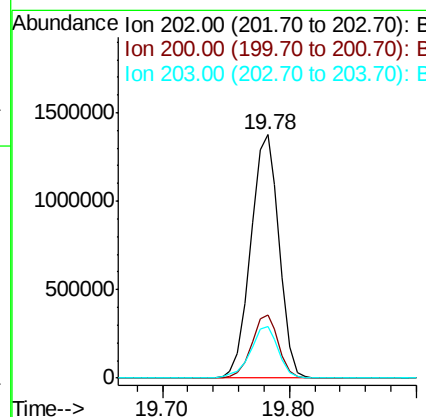
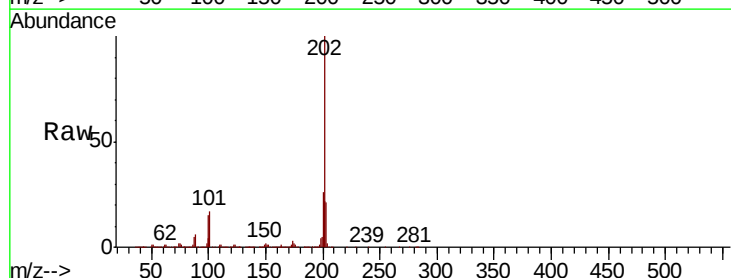
Instrument :
BNA_G
ClientSampleId :
MH-D19MSD

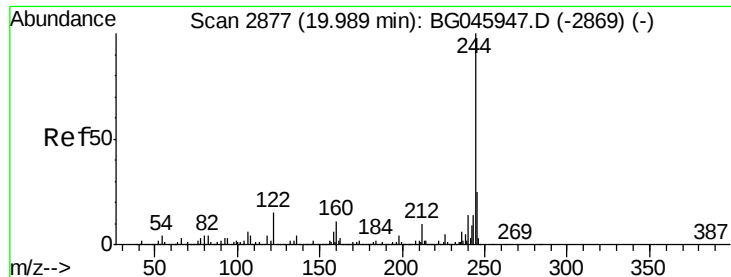
Tot Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.6	17.4
183	12.8	10.4	15.6



#78
Pyrene
Concen: 51.617 ng
RT: 19.78 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BG046008.D
Acq: 10 Jul 2020 15:48

Tgt Ion	Ratio	Lower	Upper
202	100		
200	26.0	20.1	30.1
203	21.3	16.5	24.7





#79

Terphenyl-d14

Concen: 102.320 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_G

ClientSampleId :

MH-D19MSD

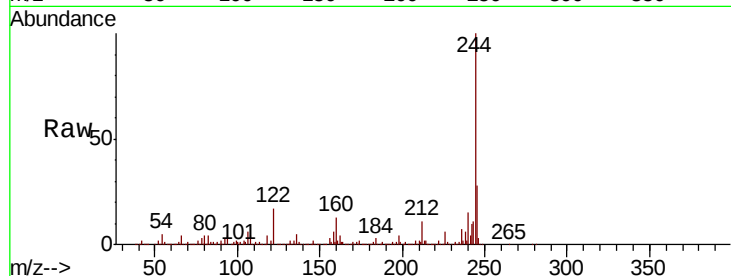
Tot Ion:244 Resp: 2777734

Ion	Ratio	Lower	Upper
244	100		
212	11.2	8.3	12.5
122	16.5	12.1	18.1

244 100

212 11.2 8.3 12.5

122 16.5 12.1 18.1

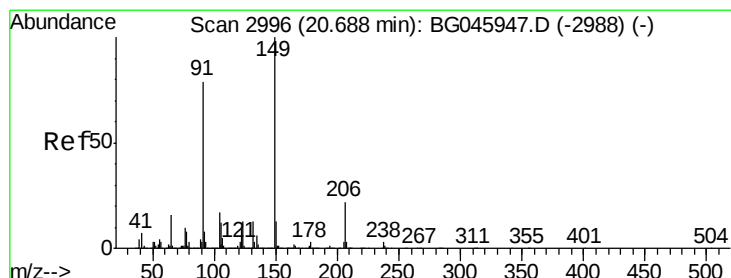
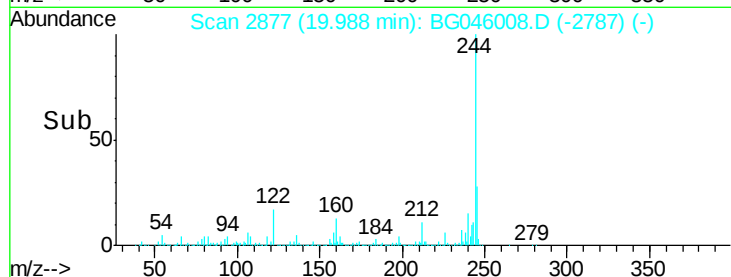
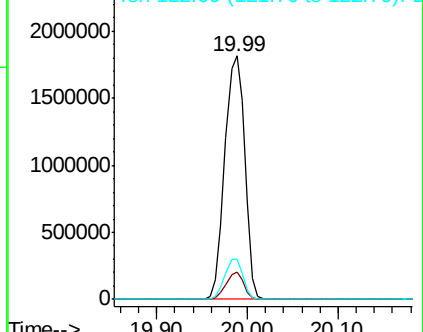


Abundance

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: 53.414 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

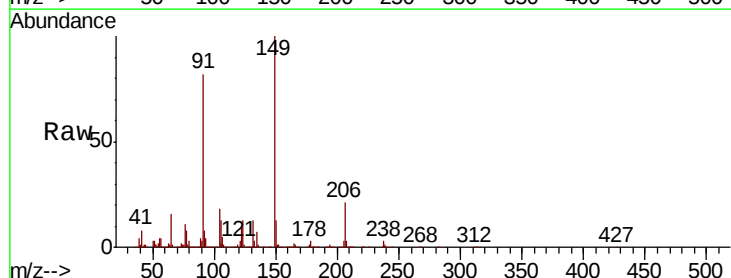
Tgt Ion:149 Resp: 1040983

Ion	Ratio	Lower	Upper
149	100		
91	82.0	63.1	94.7
206	21.1	17.4	26.0

149 100

91 82.0 63.1 94.7

206 21.1 17.4 26.0

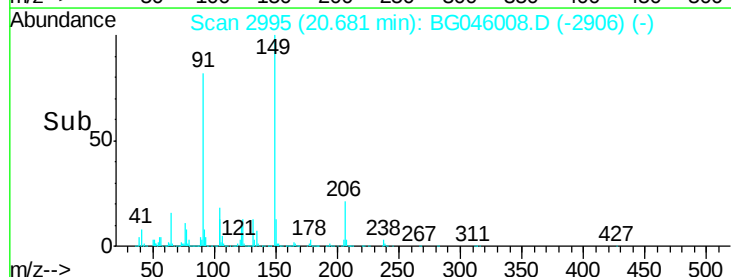
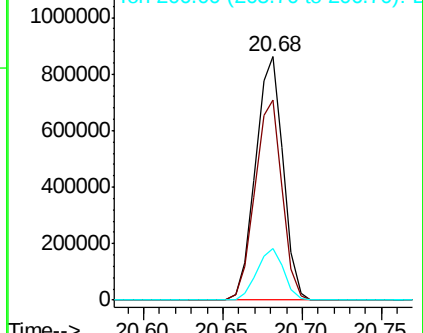


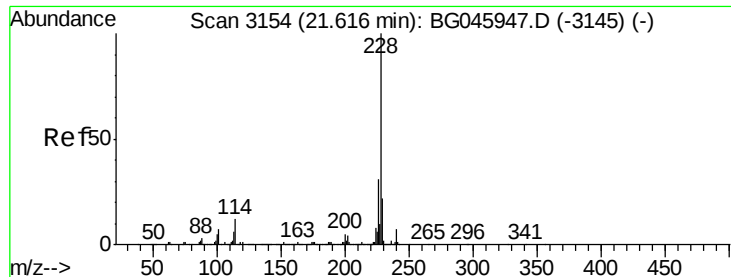
Abundance

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: 48.497 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_G

ClientSampled :

MH-D19MSD

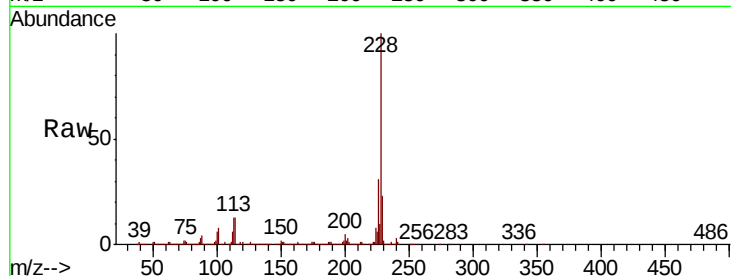
Tot Ion:228 Resp: 1926620

Ion Ratio Lower Upper

228 100

226 31.4 24.8 37.2

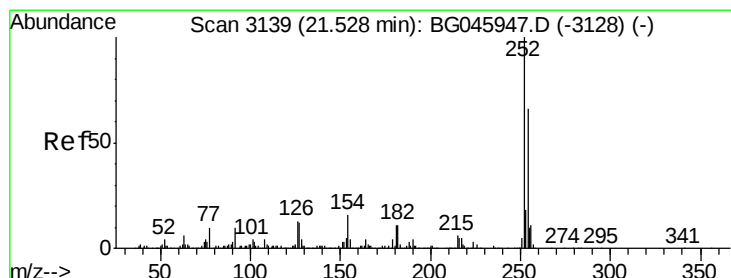
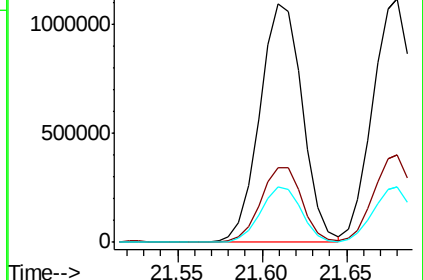
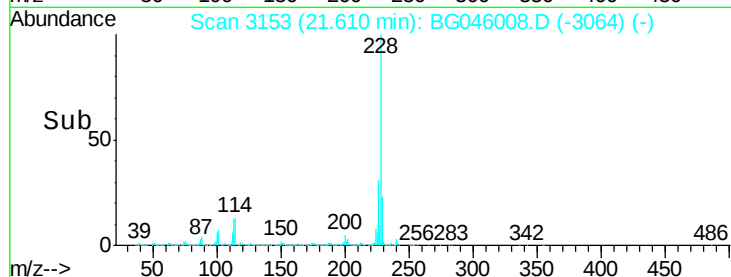
229 23.4 17.8 26.8



Abundance Ion 228.00 (227.70 to 228.70): E

1500000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.944 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

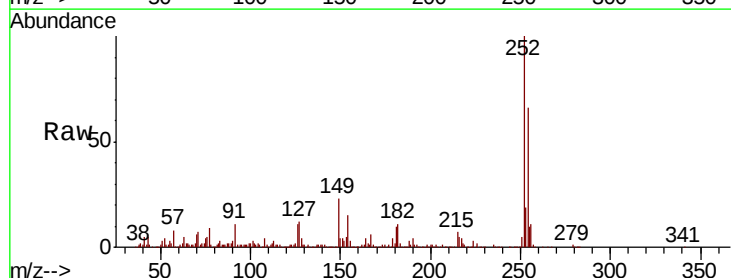
Tgt Ion:252 Resp: 527639

Ion Ratio Lower Upper

252 100

254 66.3 52.9 79.3

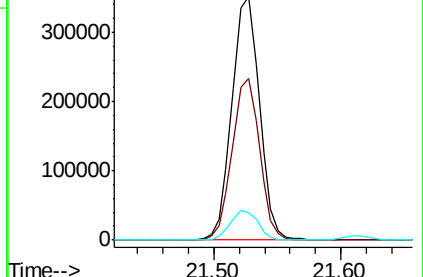
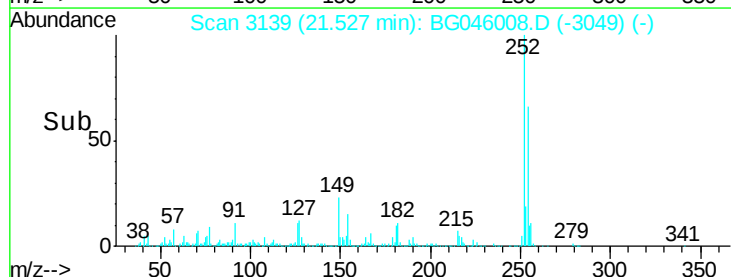
126 11.3 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

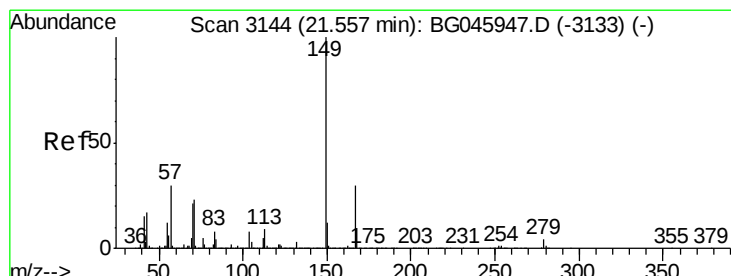
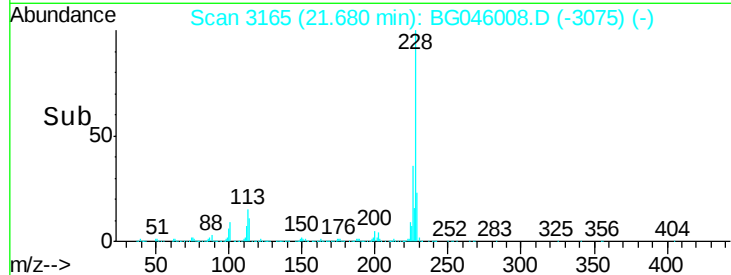
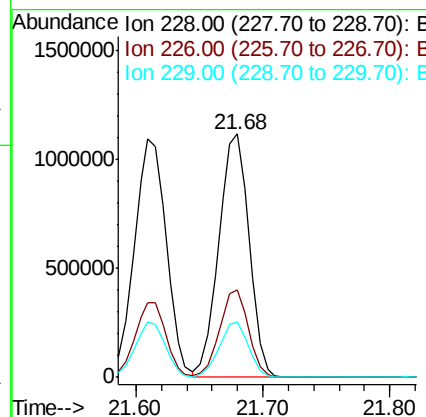
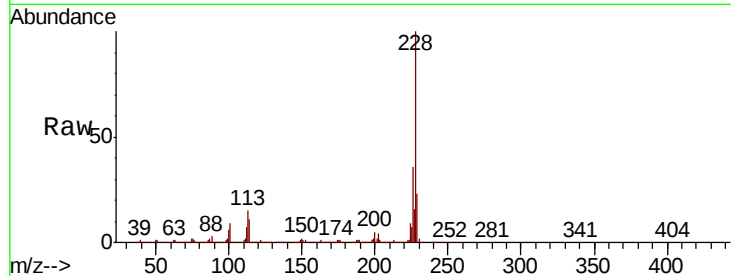




#83
 Chrvsene
 Concen: 49.080 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.00 min
 Lab File: BG046008.D
 Acq: 10 Jul 2020 15:48

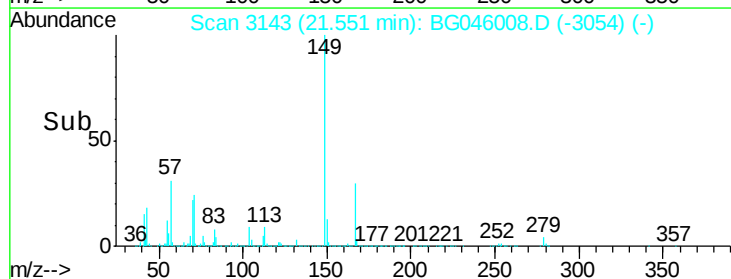
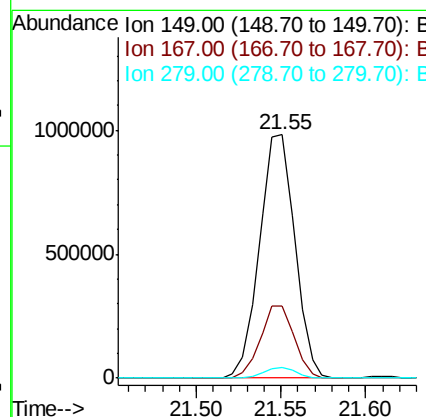
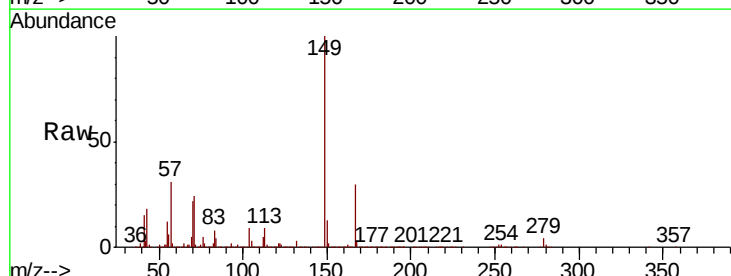
Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MSD

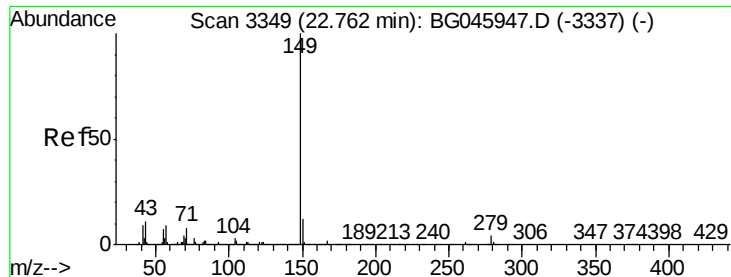
Tot Ion:228 Resp: 1857498
 Ion Ratio Lower Upper
 228 100
 226 35.9 26.7 40.1
 229 22.9 17.3 25.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.344 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. -0.01 min
 Lab File: BG046008.D
 Acq: 10 Jul 2020 15:48

Tgt Ion:149 Resp: 1424219
 Ion Ratio Lower Upper
 149 100
 167 29.7 23.8 35.8
 279 4.1 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 49.115 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.01 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_G

ClientSampleId :

MH-D19MSD

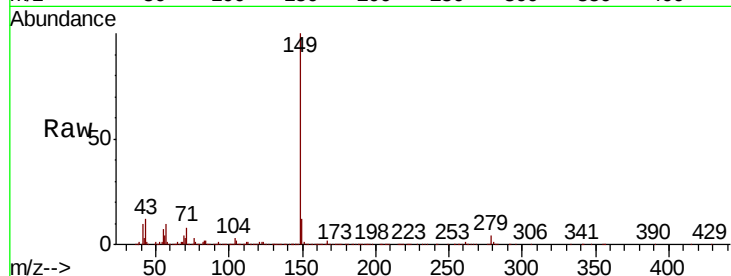
Tot Ion:149 Resp: 2411195

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

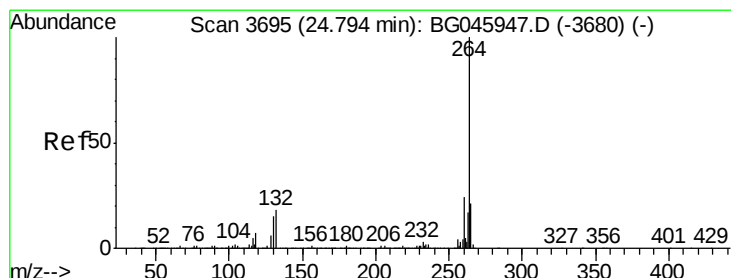
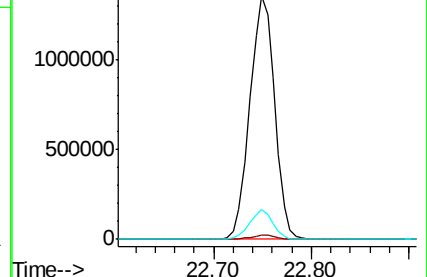
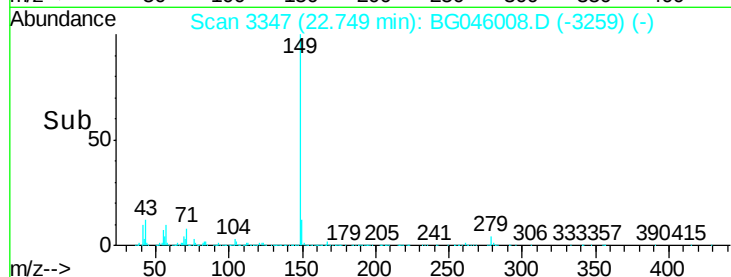
43 11.2 8.6 12.8



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): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3693

Delta R.T. -0.01 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

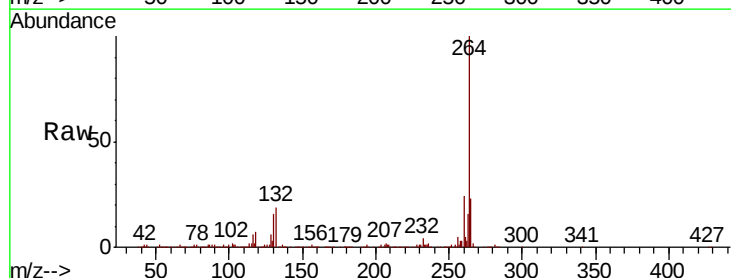
Tgt Ion:264 Resp: 609515

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

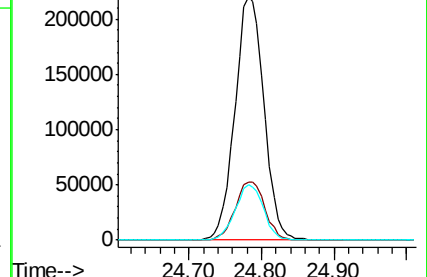
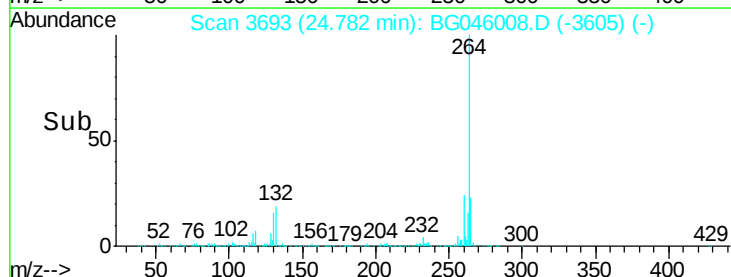
265 22.6 16.9 25.3

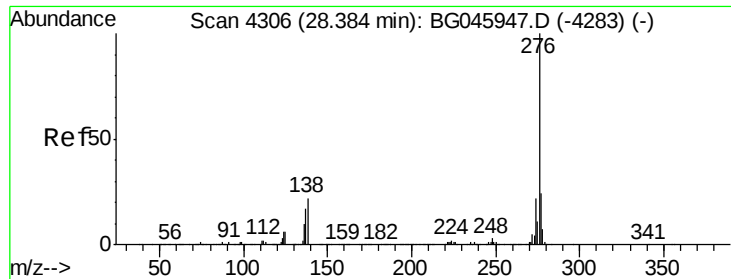


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

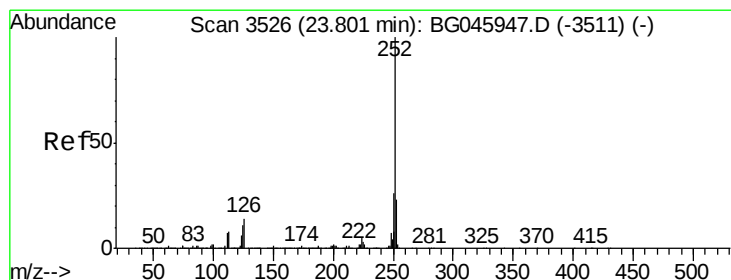
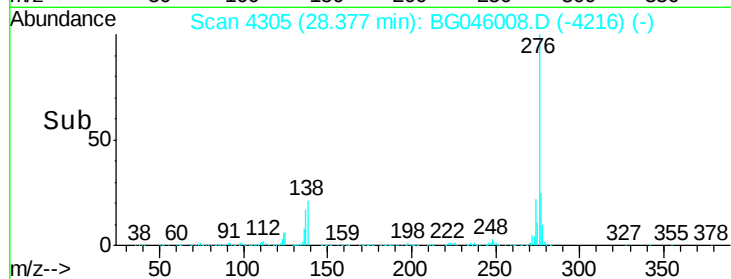
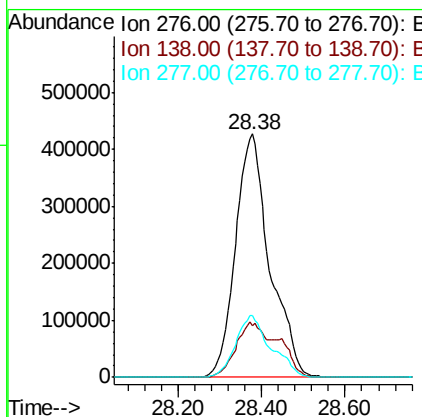
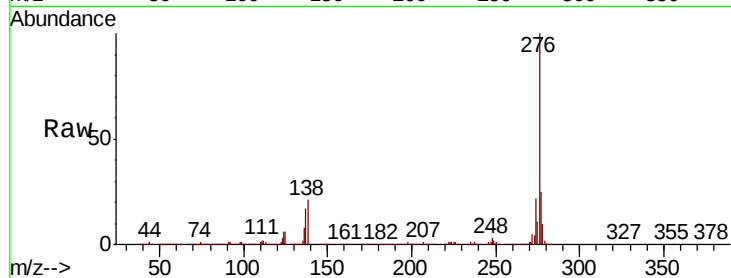




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 54.725 ng
 RT: 28.38 min Scan# 4305
 Delta R.T. -0.01 min
 Lab File: BG046008.D
 Acq: 10 Jul 2020 15:48

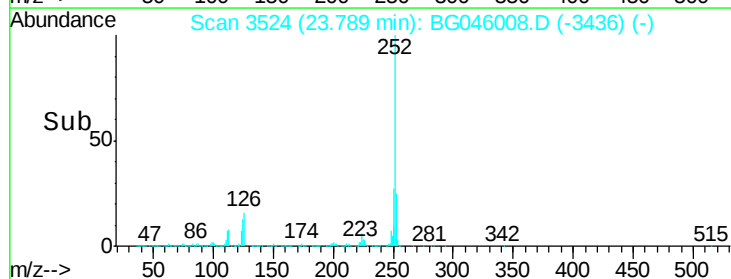
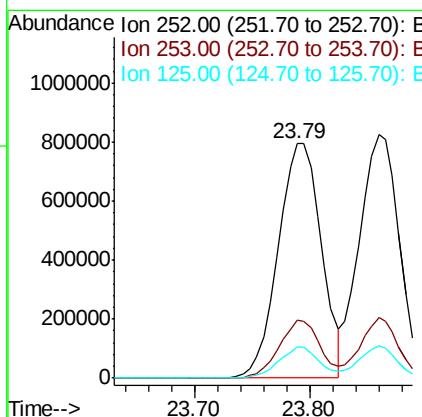
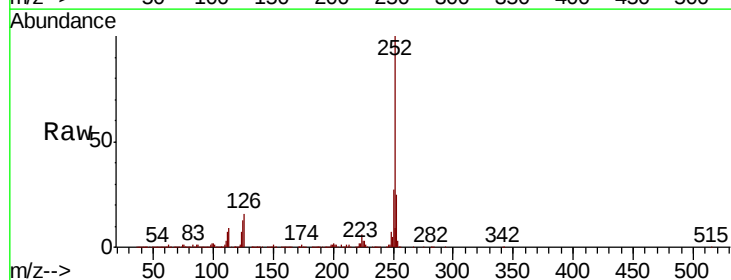
Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MSD

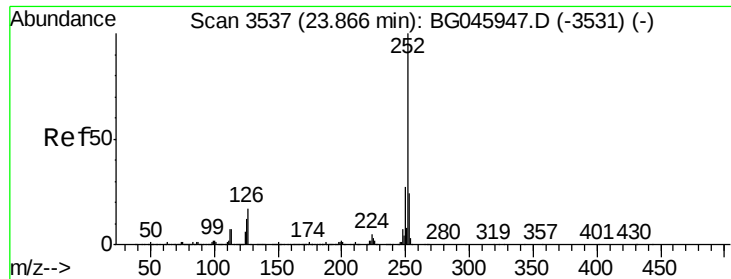
Tot Ion:276 Resp: 2440216
 Ion Ratio Lower Upper
 276 100
 138 28.1 16.4 24.6#
 277 26.2 20.6 31.0



#88
 Benzo(b)fluoranthene
 Concen: 53.195 ng
 RT: 23.79 min Scan# 3524
 Delta R.T. -0.01 min
 Lab File: BG046008.D
 Acq: 10 Jul 2020 15:48

Tgt Ion:252 Resp: 2058246
 Ion Ratio Lower Upper
 252 100
 253 24.7 18.5 27.7
 125 13.3 9.2 13.8





#89

Benzo(k)fluoranthene

Concen: 54.078 ng

RT: 23.86 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_G

ClientSampleId :

MH-D19MSD

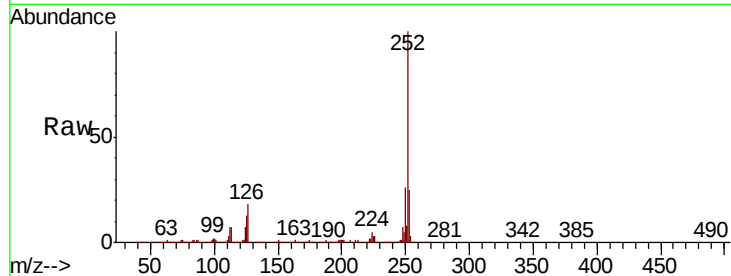
Tot Ion:252 Resp: 1978517

Ion Ratio Lower Upper

252 100

253 25.0 18.9 28.3

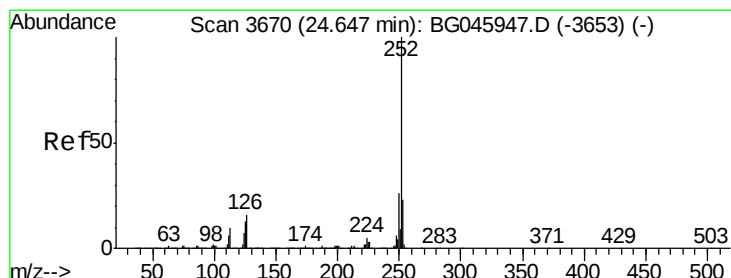
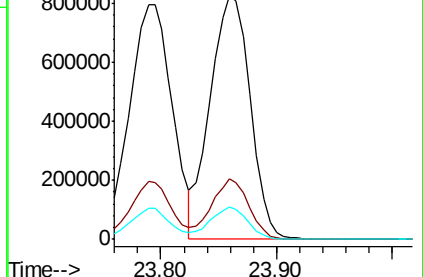
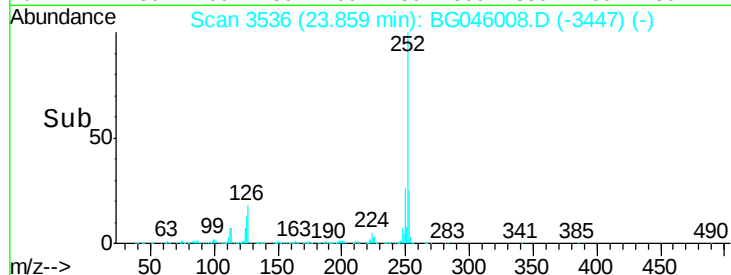
125 13.2 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 52.062 ng

RT: 24.64 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

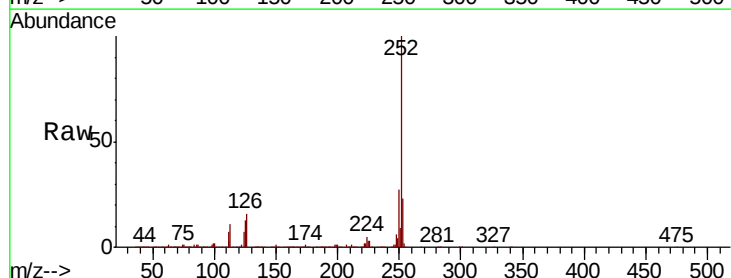
Tgt Ion:252 Resp: 1894211

Ion Ratio Lower Upper

252 100

253 23.3 18.6 28.0

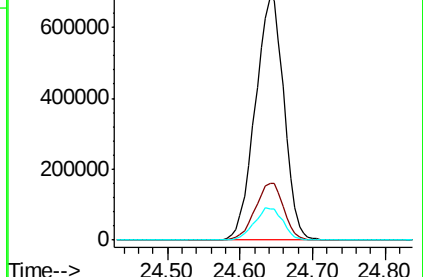
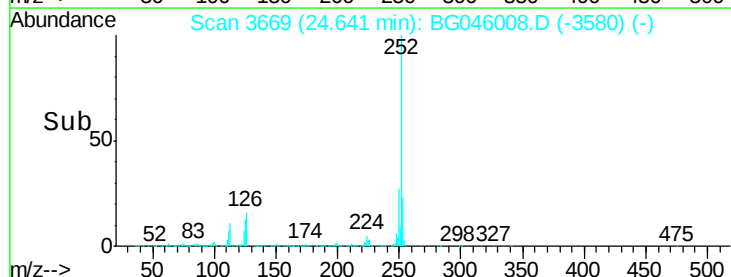
125 13.0 10.5 15.7

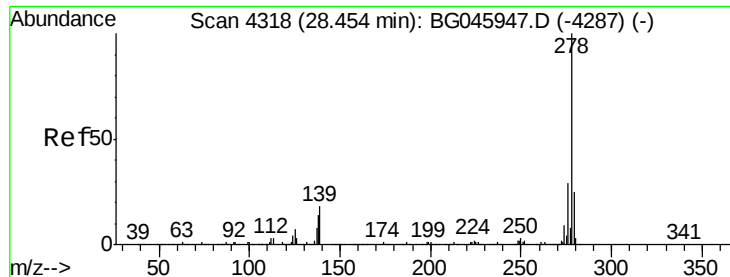


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 54.432 ng

RT: 28.45 min Scan# 4317

Delta R.T. -0.01 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_G

ClientSampleId :

MH-D19MSD

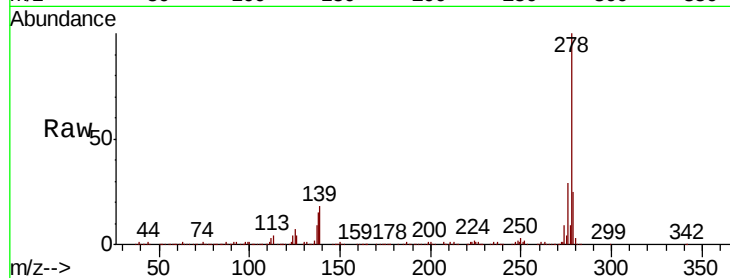
Tot Ion:278 Resp: 1957646

Ion Ratio Lower Upper

278 100

139 18.2 14.3 21.5

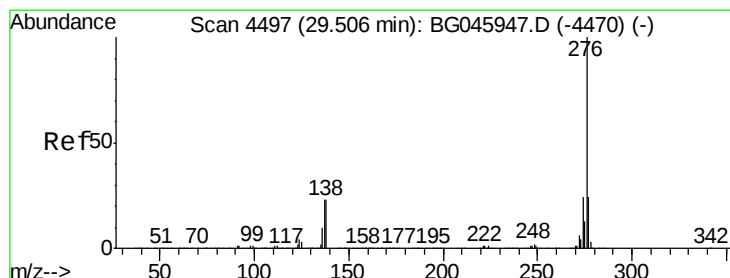
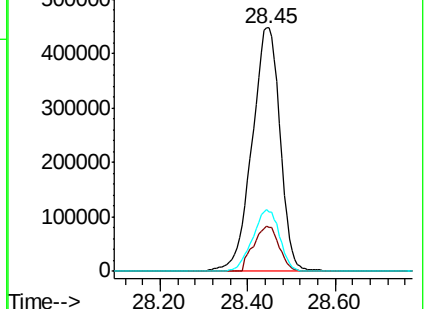
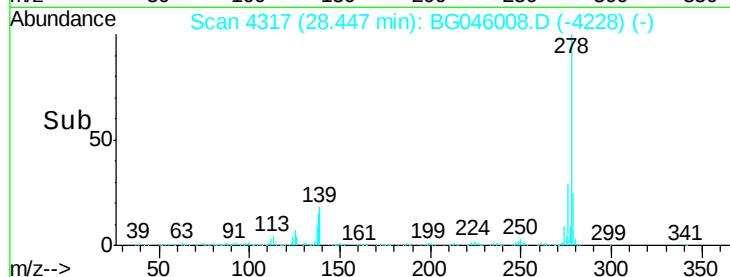
279 24.6 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 54.665 ng

RT: 29.49 min Scan# 4494

Delta R.T. -0.02 min

Lab File: BG046008.D

Acq: 10 Jul 2020 15:48

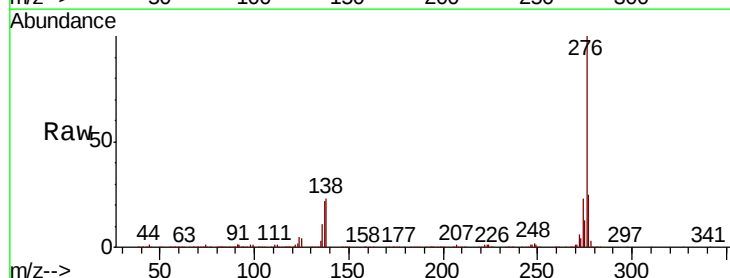
Tgt Ion:276 Resp: 1978496

Ion Ratio Lower Upper

276 100

277 24.8 19.4 29.0

138 23.2 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

