

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
 Data File : BG046190.D
 Acq On : 7 Aug 2020 12:35
 Operator : CG/JU
 Sample : L3545-03MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

Quant Time: Aug 07 13:38:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	104481	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	416032	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	285394	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	708172	20.00	ng	0.00
76) Chrysene-d12	21.57	240	721685	20.00	ng	0.00
86) Perylene-d12	24.67	264	803749	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	737962	122.78	ng	0.00
7) Phenol-d6	7.12	99	963780	117.66	ng	0.00
23) Nitrobenzene-d5	9.10	82	621815	80.92	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	645026	147.15	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1472100	74.93	ng	0.00
79) Terphenyl-d14	19.93	244	2138694	60.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	91836	33.570	ng	95
3) Pyridine	3.83	79	211946	28.143	ng	94
4) n-Nitrosodimethylamine	3.75	42	112450	35.084	ng	92
6) Aniline	7.27	93	247433	25.376	ng	99
8) 2-Chlorophenol	7.52	128	305046	45.920	ng	96
9) Benzaldehyde	7.08	77	195190	40.157	ng	98
10) Phenol	7.15	94	364716	44.315	ng	96
11) bis(2-Chloroethyl)ether	7.37	93	270249	41.282	ng	97
12) 1,3-Dichlorobenzene	7.84	146	339259	42.133	ng	98
13) 1,4-Dichlorobenzene	7.99	146	337174	41.701	ng	99
14) 1,2-Dichlorobenzene	8.31	146	329757	43.244	ng	100
15) Benzyl Alcohol	8.19	79	257600	45.521	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	413915	38.566	ng	98
17) 2-Methylphenol	8.39	107	260199	46.830	ng	98
18) Hexachloroethane	9.04	117	114900	42.490	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	219112	41.102	ng	98
20) 3+4-Methylphenols	8.72	107	361071	47.478	ng	98
22) Acetophenone	8.77	105	434072	40.655	ng	# 95
24) Nitrobenzene	9.15	77	307058	37.481	ng	96
25) Isophorone	9.67	82	606205	39.648	ng	97
26) 2-Nitrophenol	9.86	139	189079	50.925	ng	99
27) 2,4-Dimethylphenol	9.93	122	289801	47.974	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	374014	44.987	ng	100
29) 2,4-Dichlorophenol	10.40	162	337778	47.535	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	343891	41.311	ng	98
31) Naphthalene	10.80	128	883102	40.117	ng	99
32) Benzoic acid	10.00	122	23263	13.621	ng	93
33) 4-Chloroaniline	10.90	127	178543	19.848	ng	96
34) Hexachlorobutadiene	11.10	225	222568	40.164	ng	98
35) Caprolactam	11.67	113	135865	58.416	ng	99
36) 4-Chloro-3-methylphenol	12.03	107	330799	47.437	ng	96
37) 2-Methylnaphthalene	12.41	142	706465	41.708	ng	99
38) 1-Methylnaphthalene	12.62	142	677121	42.245	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	413447	40.208	ng	99

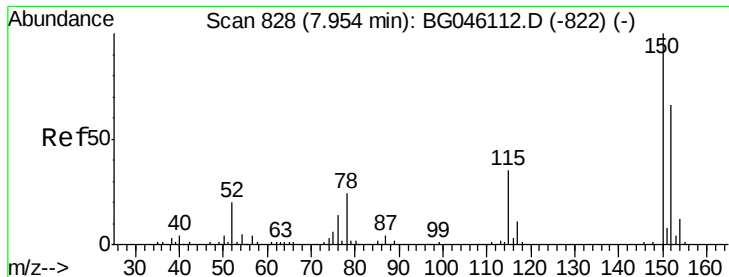
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	512613	86.911	ng	97
43) 2,4,6-Trichlorophenol	13.01	196	333132	50.779	ng	97
44) 2,4,5-Trichlorophenol	13.08	196	354523	49.528	ng	96
46) 1,1'-Biphenyl	13.41	154	896621	40.049	ng	99
47) 2-Chloronaphthalene	13.45	162	708762	39.688	ng	99
48) 2-Nitroaniline	13.65	65	205006	43.795	ng	95
49) Acenaphthylene	14.30	152	1137570	41.022	ng	98
50) Dimethylphthalate	14.03	163	1151904	52.588	ng	99
51) 2,6-Dinitrotoluene	14.15	165	213921	41.963	ng	93
52) Acenaphthene	14.64	154	705957	38.573	ng	99
53) 3-Nitroaniline	14.47	138	117693	23.287	ng	99
54) 2,4-Dinitrophenol	14.68	184	68284	26.341	ng	100
55) Dibenzofuran	14.98	168	1099834	39.826	ng	99
56) 4-Nitrophenol	14.79	139	411334	93.744	ng	99
57) 2,4-Dinitrotoluene	14.93	165	303581	43.312	ng	93
58) Fluorene	15.63	166	915354	40.929	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	360257	53.432	ng	97
60) Diethylphthalate	15.40	149	926915	43.017	ng	97
61) 4-Chlorophenyl-phenylether	15.62	204	494590	42.342	ng	96
62) 4-Nitroaniline	15.64	138	237455	46.716	ng	98
63) Azobenzene	15.91	77	803291	39.778	ng	96
65) 4,6-Dinitro-2-methylphenol	15.70	198	97325	20.780	ng	87
66) n-Nitrosodiphenylamine	15.83	169	847434	39.532	ng	97
67) 4-Bromophenyl-phenylether	16.51	248	366821	41.928	ng	96
68) Hexachlorobenzene	16.64	284	407770	41.566	ng	95
69) Atrazine	16.78	200	330598	40.051	ng	98
70) Pentachlorophenol	16.98	266	372141	58.464	ng	99
71) Phenanthrene	17.37	178	1513624	39.019	ng	98
72) Anthracene	17.45	178	1576736	40.863	ng	97
73) Carbazole	17.72	167	1449754	38.965	ng	98
74) Di-n-butylphthalate	18.29	149	1590891	40.906	ng	98
75) Fluoranthene	19.37	202	1804516	37.260	ng	97
77) Benzidine	19.54	184	801349	39.201	ng	99
78) Pyrene	19.73	202	1843358	38.015	ng	98
80) Butylbenzylphthalate	20.63	149	741298	42.202	ng	98
81) Benzo(a)anthracene	21.55	228	1868520	38.689	ng	97
82) 3,3'-Dichlorobenzidine	21.47	252	359118	17.906	ng	99
83) Chrysene	21.61	228	1790241	37.840	ng	97
84) Bis(2-ethylhexyl)phthalate	21.48	149	1060042	42.211	ng	98
85) Di-n-octyl phthalate	22.65	149	1846386	43.424	ng	100
87) Indeno(1,2,3-cd)pyrene	28.20	276	2568491	41.901	ng	99
88) Benzo(b)fluoranthene	23.70	252	2086645	38.741	ng	99
89) Benzo(k)fluoranthene	23.76	252	2008390	38.017	ng	99
90) Benzo(a)pyrene	24.53	252	1943788	38.783	ng	98
91) Dibenzo(a,h)anthracene	28.26	278	2101115	41.003	ng	98
92) Benzo(g,h,i)perylene	29.29	276	2164311	41.821	ng	98

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

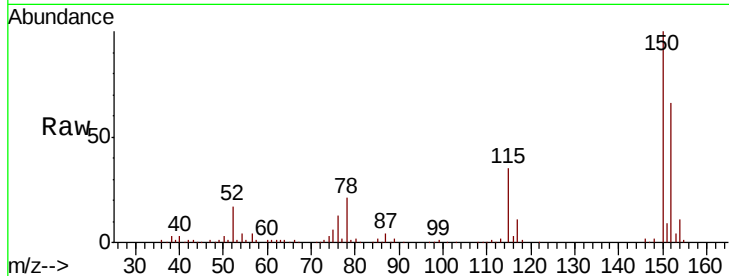


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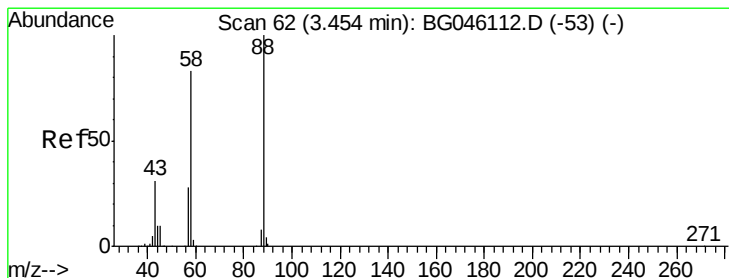
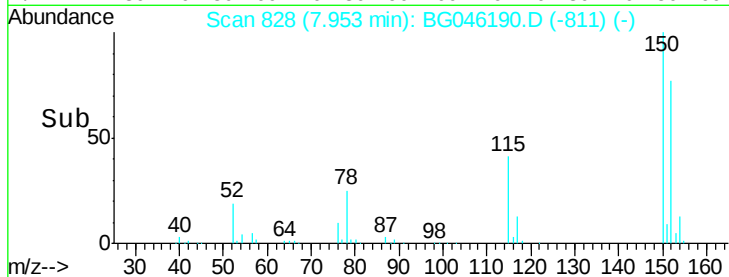
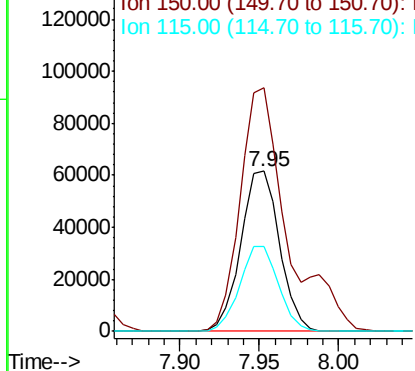
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion:152 Resp: 104481
Ion Ratio Lower Upper
152 100
150 152.0 122.1 183.1
115 52.9 43.2 64.8



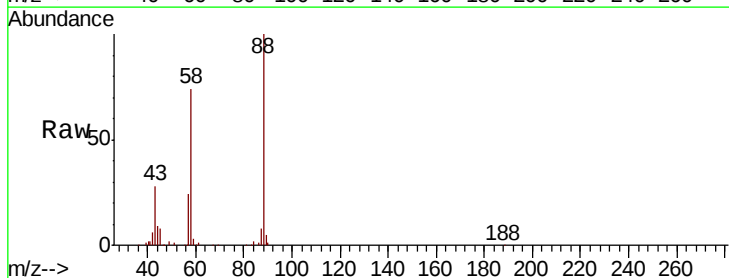
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



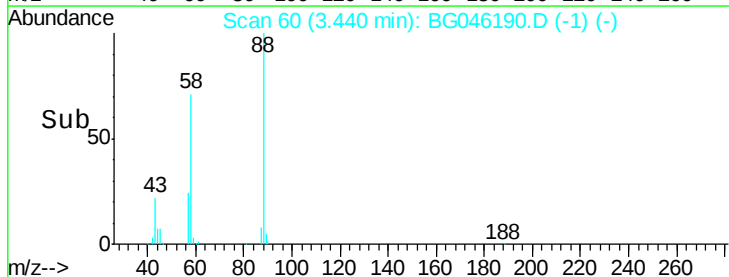
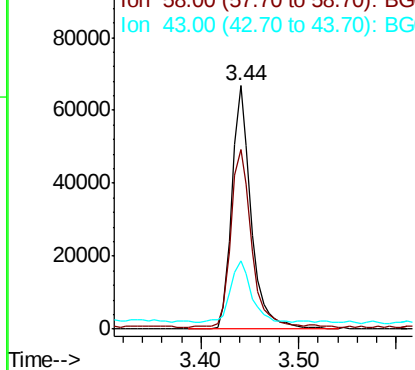
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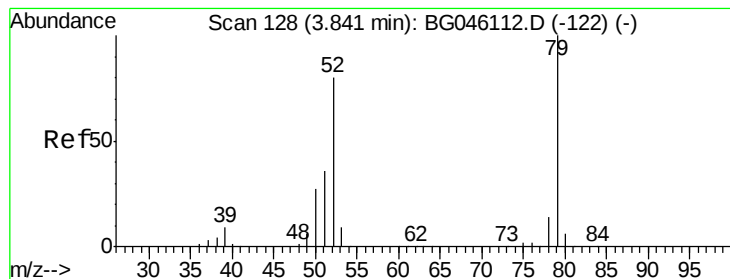
1,4-Dioxane
Concen: 33.570 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.01 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion: 88 Resp: 91836
Ion Ratio Lower Upper
88 100
58 77.8 66.5 99.7
43 27.4 23.8 35.8



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





#3

Pvridine

Concen: 28.143 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

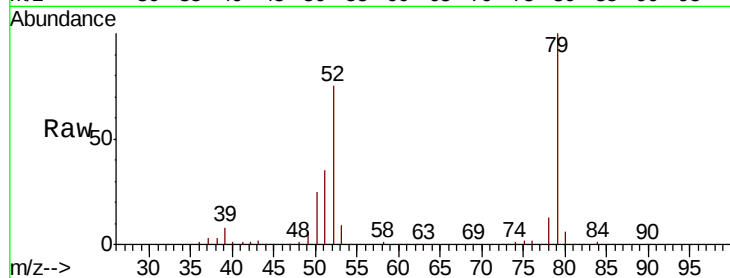
Tot Ion: 79 Resp: 211946

Ion Ratio Lower Upper

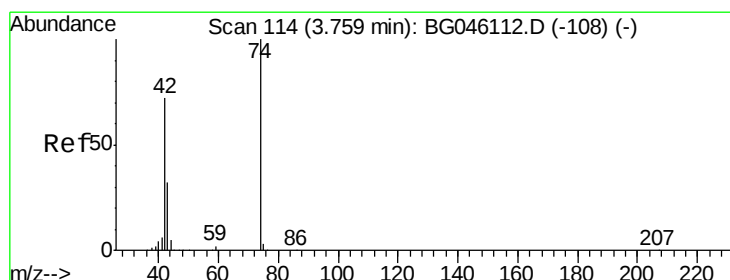
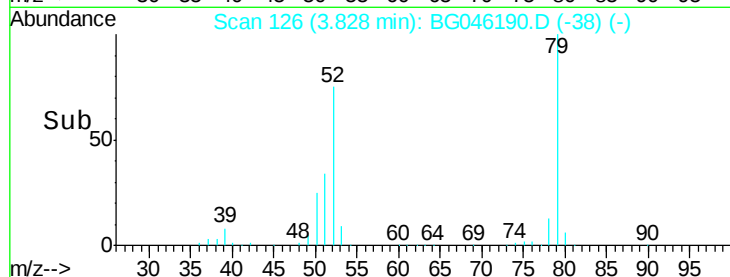
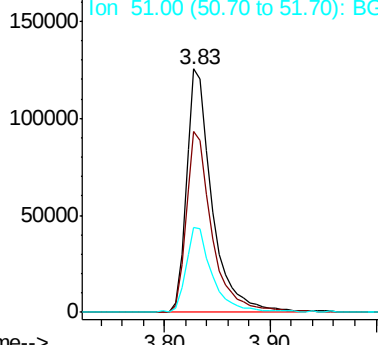
79 100

52 74.5 64.3 96.5

51 35.0 29.8 44.6



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: 35.084 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

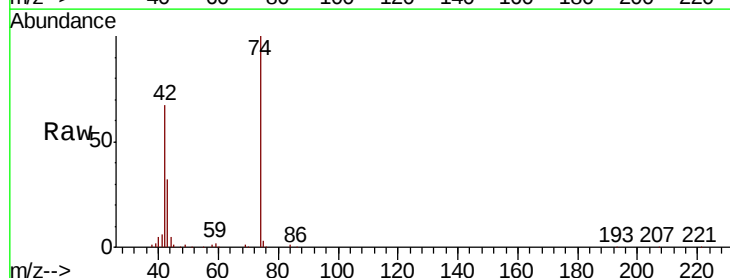
Tgt Ion: 42 Resp: 112450

Ion Ratio Lower Upper

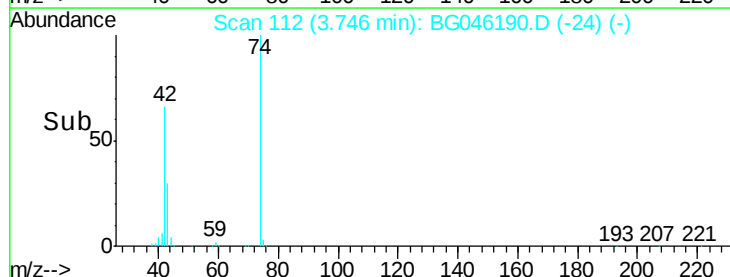
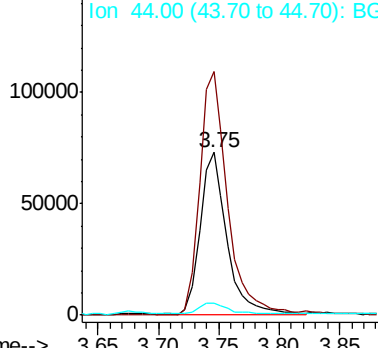
42 100

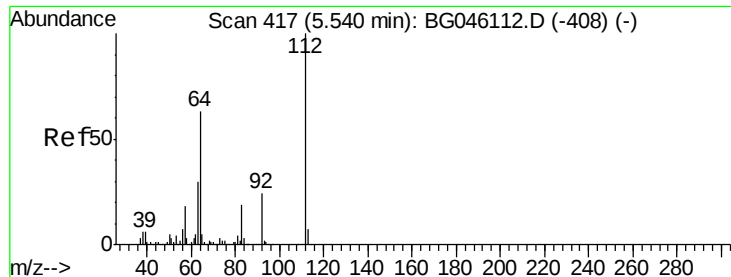
74 149.5 111.6 167.4

44 7.4 5.7 8.5



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: 122.783 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

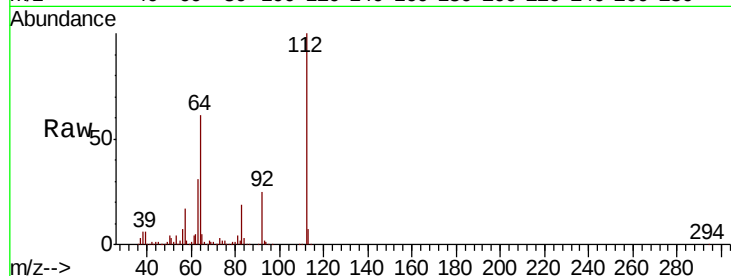
Tot Ion:112 Resp: 737962

Ion Ratio Lower Upper

112 100

64 61.2 50.2 75.2

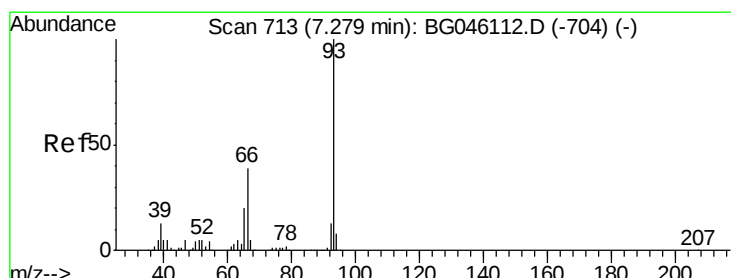
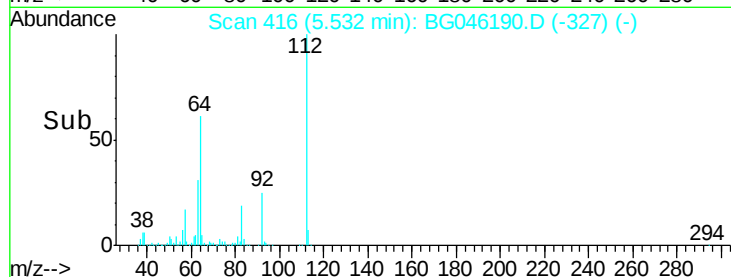
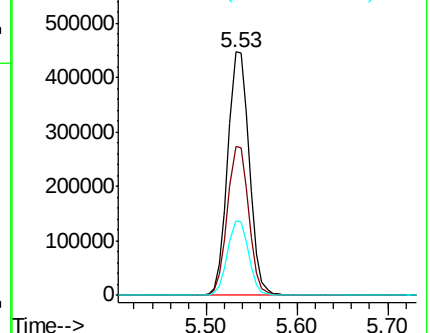
63 30.7 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.376 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

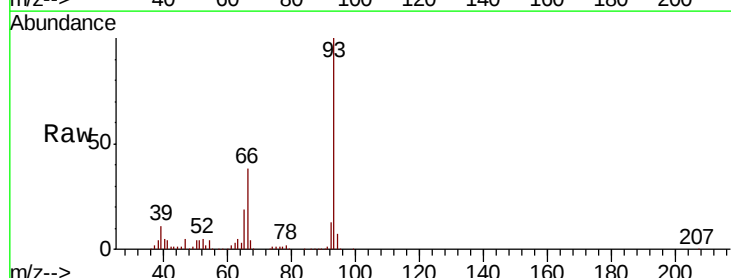
Tgt Ion: 93 Resp: 247433

Ion Ratio Lower Upper

93 100

66 38.5 31.0 46.4

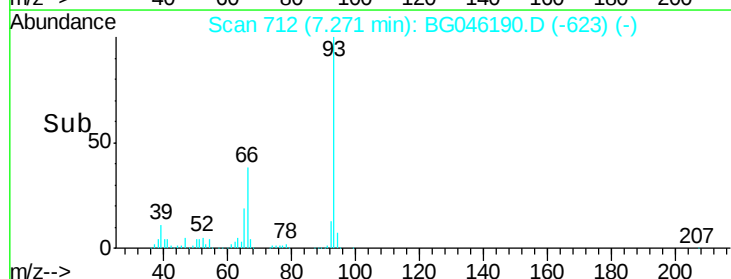
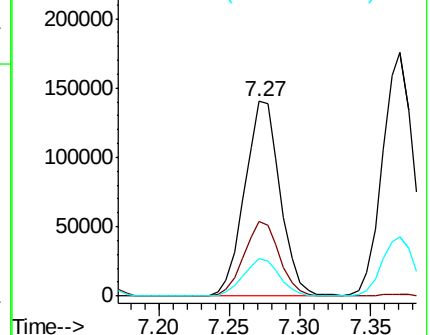
65 19.3 15.9 23.9

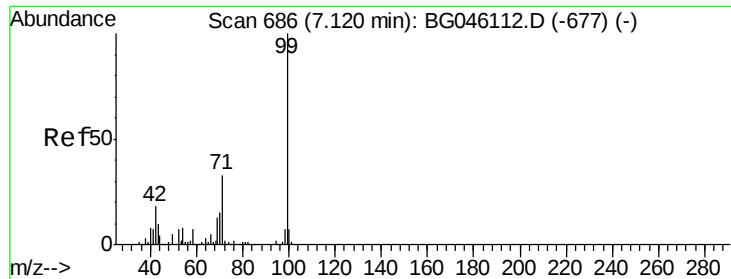


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.660 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

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ClientSampleId :

SB-1MSD

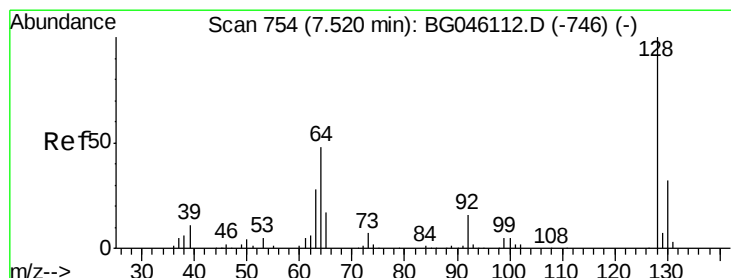
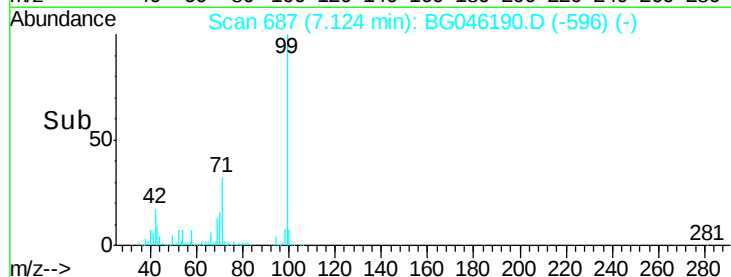
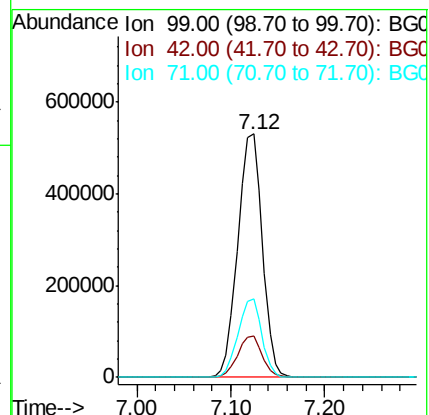
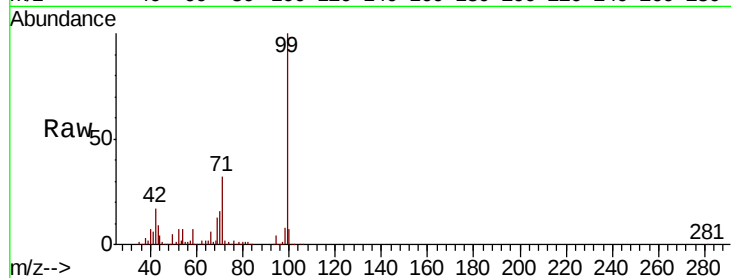
Tot Ion: 99 Resp: 963780

Ion Ratio Lower Upper

99 100

42 16.9 14.7 22.1

71 32.1 26.5 39.7



#8

2-Chlorophenol

Concen: 45.920 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

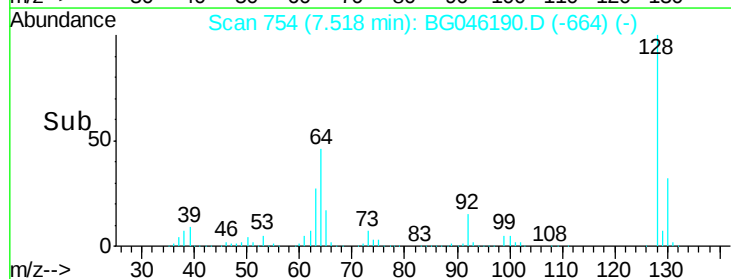
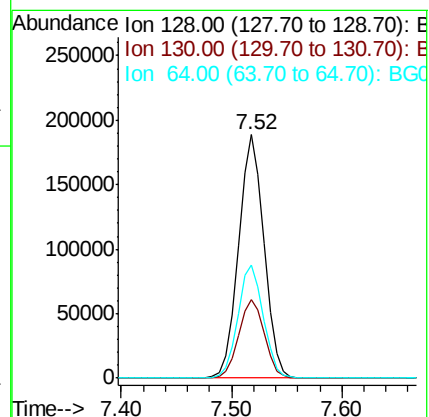
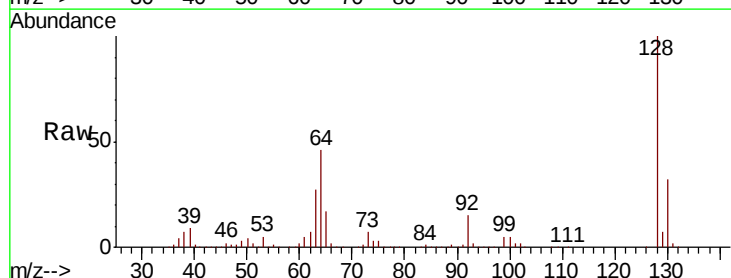
Tgt Ion: 128 Resp: 305046

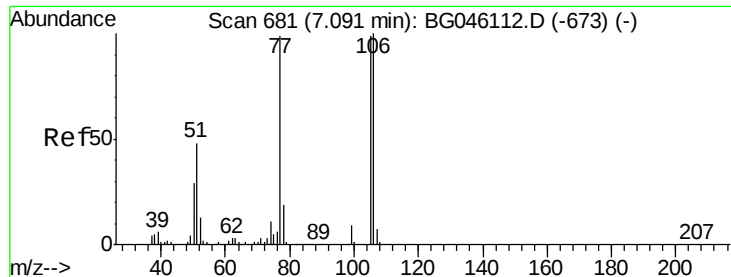
Ion Ratio Lower Upper

128 100

130 32.4 11.6 51.6

64 46.2 30.6 70.6





#9

Benzaldehyde

Concen: 40.157 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

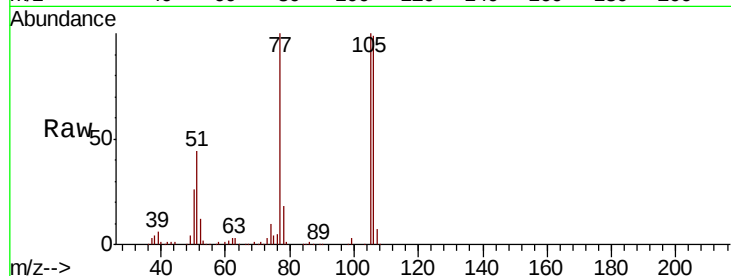
Tot Ion: 77 Resp: 195190

Ion Ratio Lower Upper

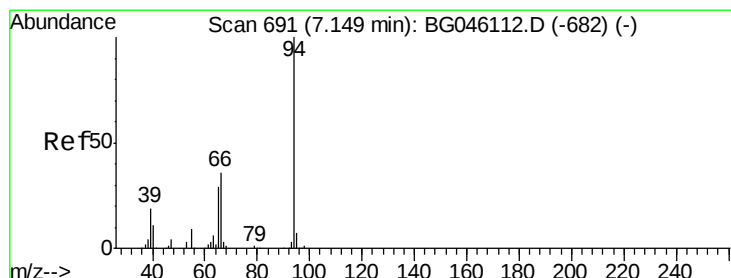
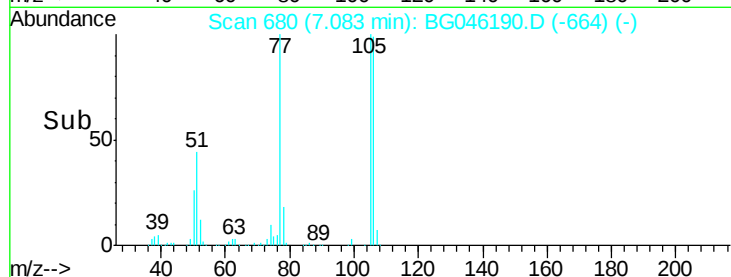
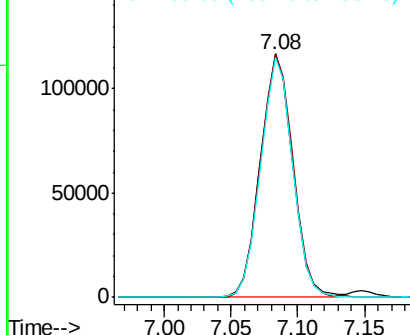
77 100

105 99.9 80.3 120.3

106 98.5 81.5 121.5



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: 44.315 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

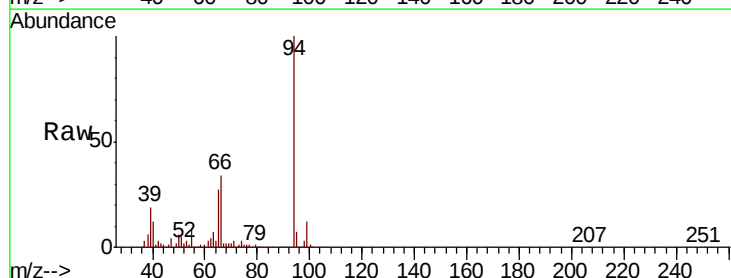
Tgt Ion: 94 Resp: 364716

Ion Ratio Lower Upper

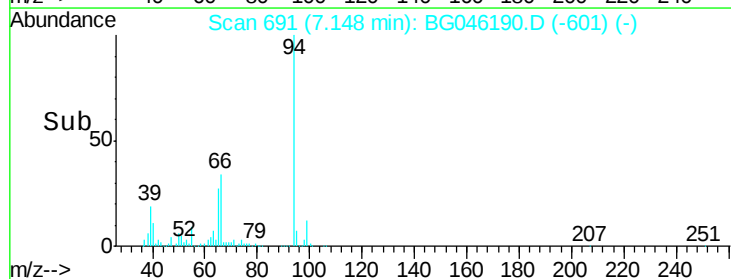
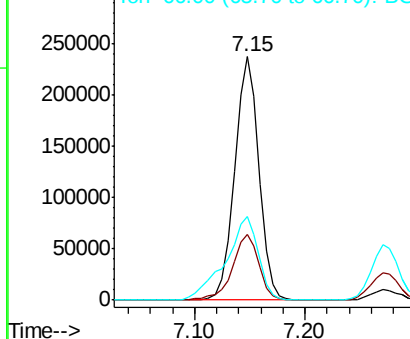
94 100

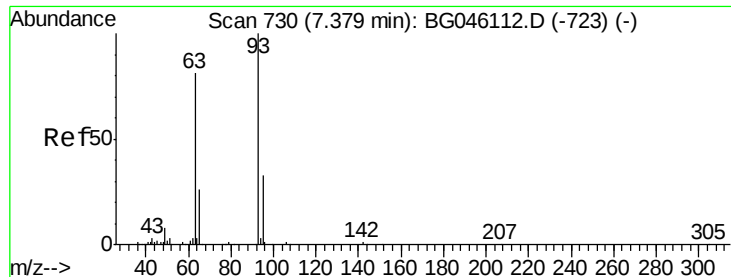
65 27.0 9.6 49.6

66 34.1 16.3 56.3



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

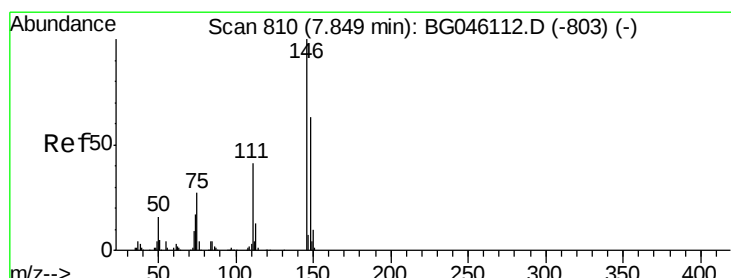
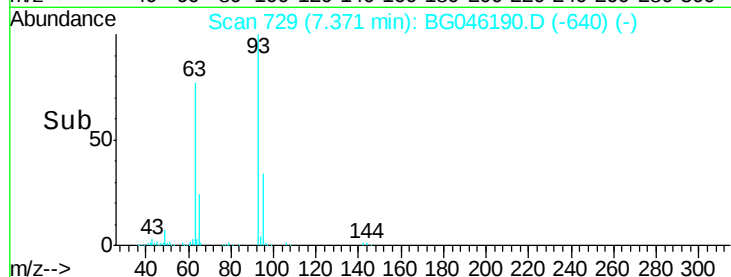
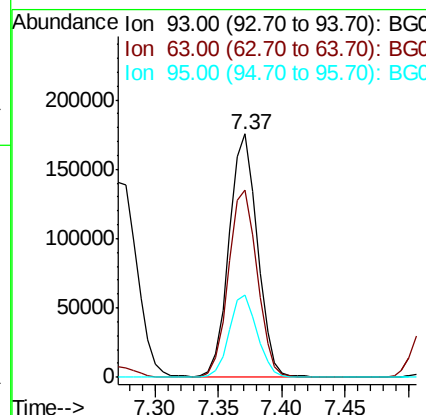
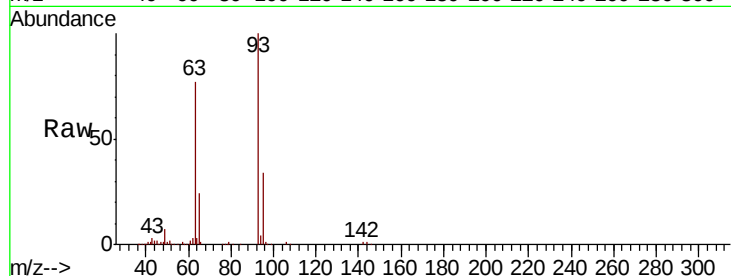




#11
bis(2-Chloroethyl)ether
Concen: 41.282 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

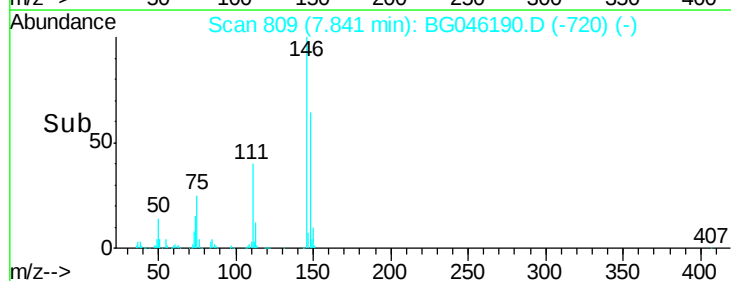
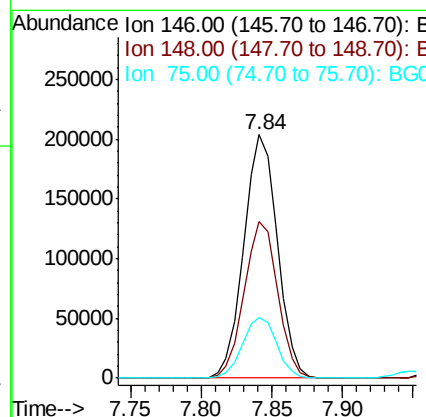
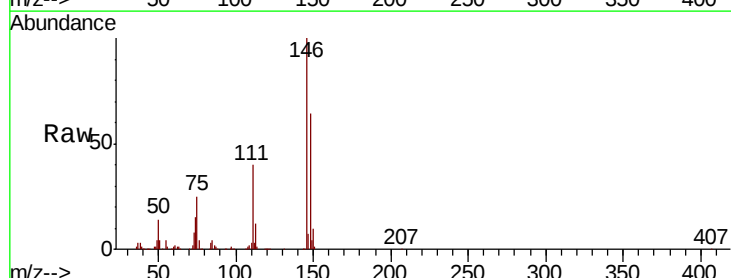
Instrument :
BNA_G
ClientSampleId :
SB-1MSD

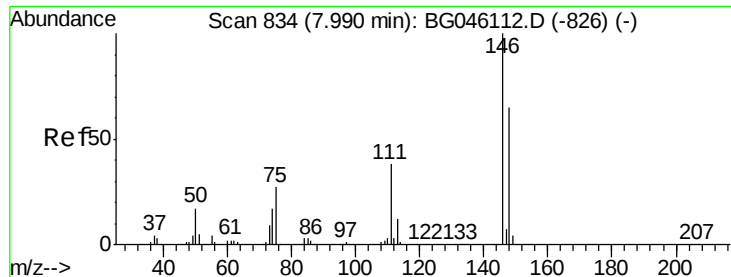
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.0	60.0	100.0
95	33.9	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 42.133 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.5	75.7
75	25.0	21.6	32.4

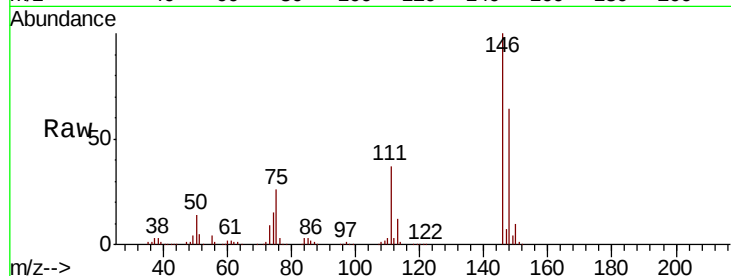




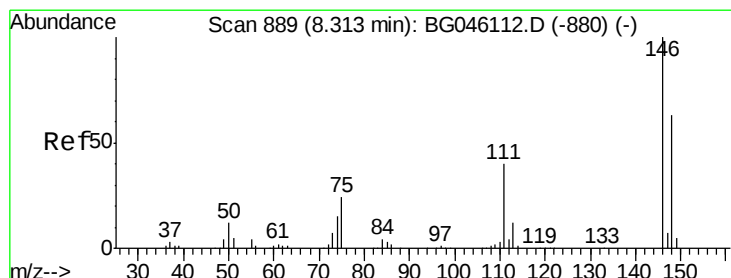
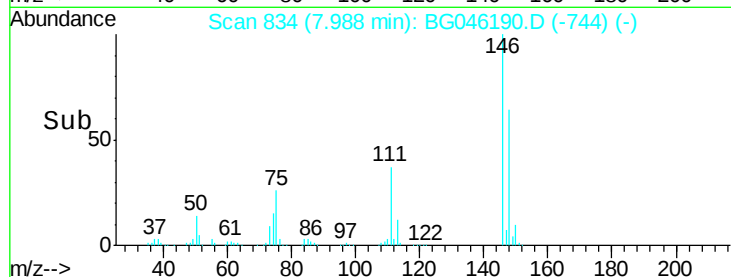
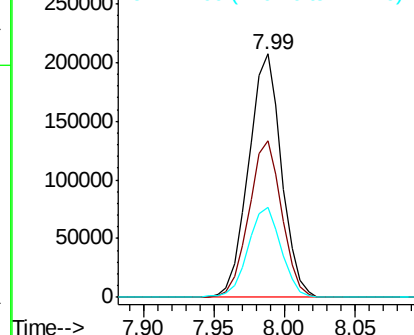
#13
 1,4-Dichlorobenzene
 Concen: 41.701 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Instrument :
 BNA_G
 ClientSampled :
 SB-1MSD

Tot Ion:146 Resp: 337174
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.8 77.6
 111 37.0 30.7 46.1

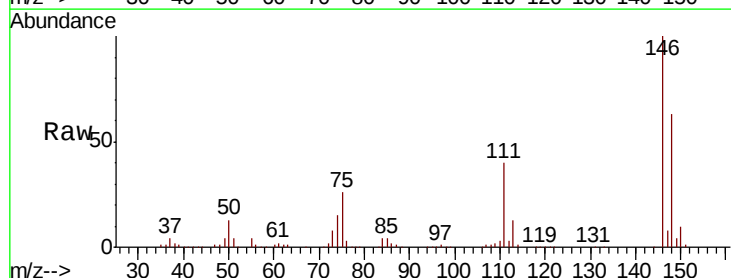


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

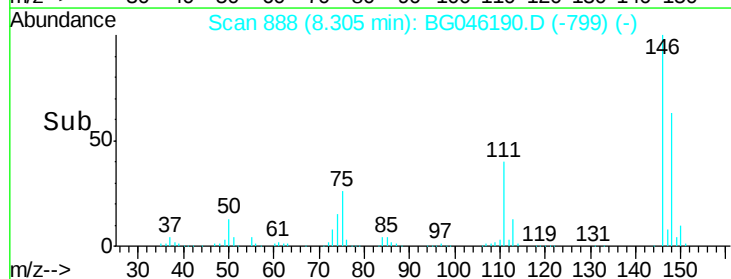
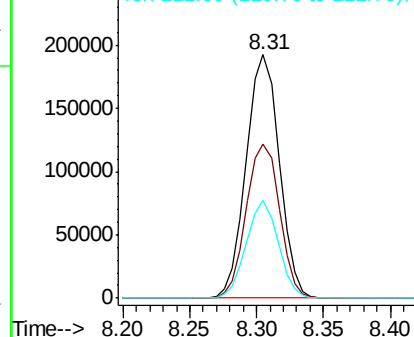


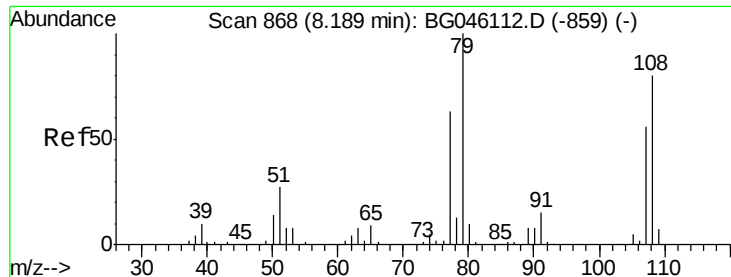
#14
 1,2-Dichlorobenzene
 Concen: 43.244 ng
 RT: 8.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Tgt Ion:146 Resp: 329757
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.8 76.2
 111 39.9 32.4 48.6



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





#15

Benzyl Alcohol

Concen: 45.521 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

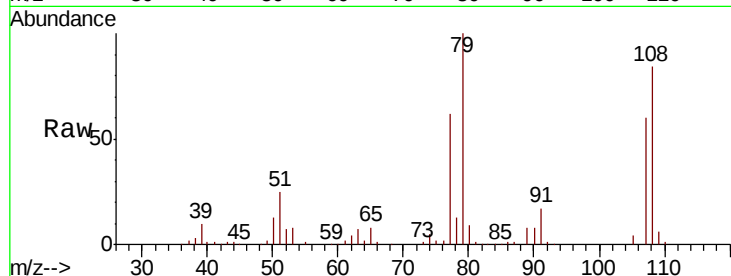
Tot Ion: 79 Resp: 257600

Ion Ratio Lower Upper

79 100

108 84.0 64.1 96.1

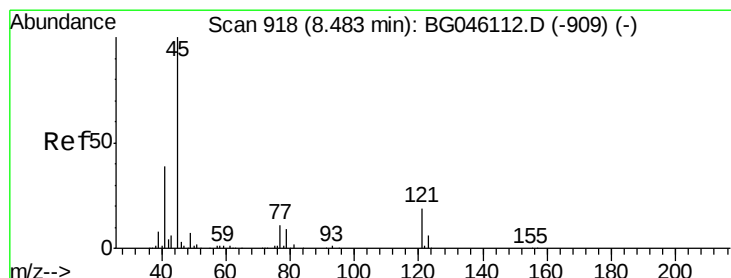
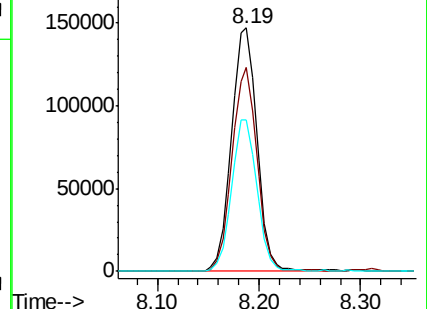
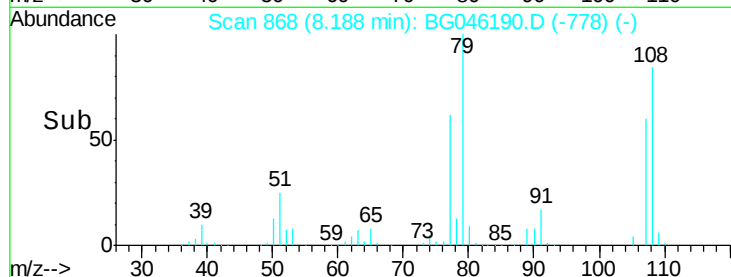
77 62.0 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.566 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

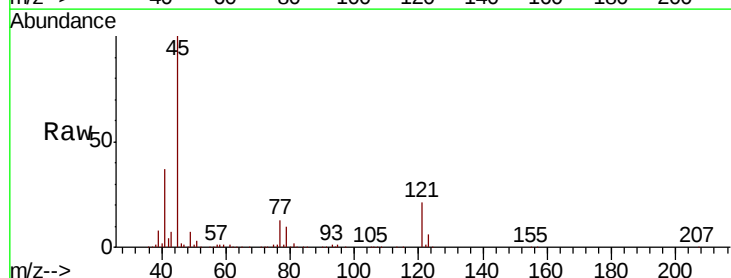
Tgt Ion: 45 Resp: 413915

Ion Ratio Lower Upper

45 100

77 13.1 0.0 31.9

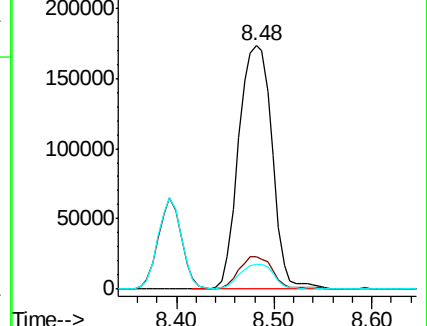
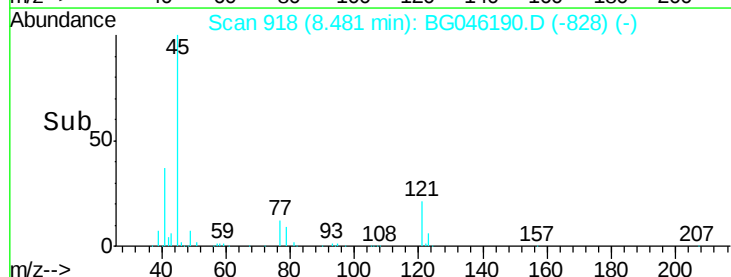
79 9.9 0.0 29.5

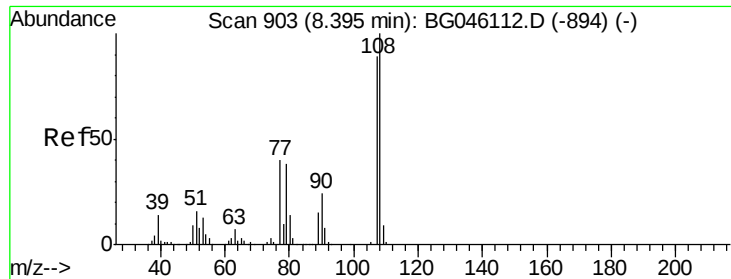


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

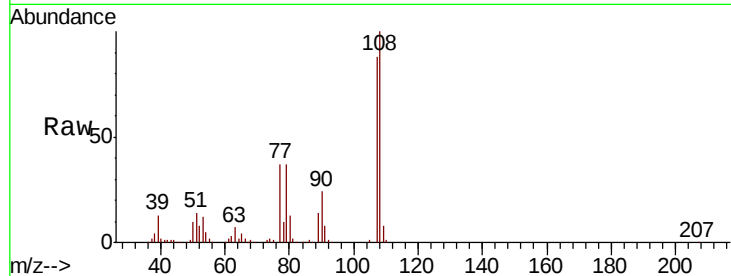




#17
2-Methylphenol
Concen: 46.830 ng
RT: 8.39 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion:	107	Resp:	260199
Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.0	135.0
77	42.0	35.6	53.4
79	42.2	34.4	51.6



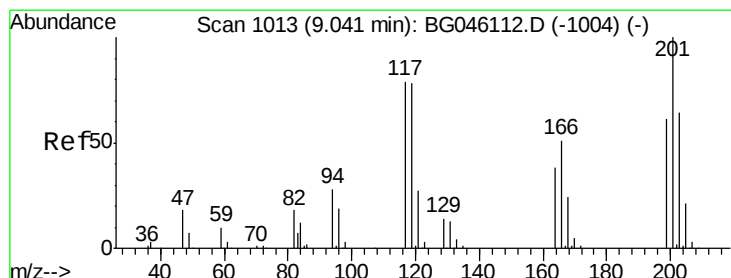
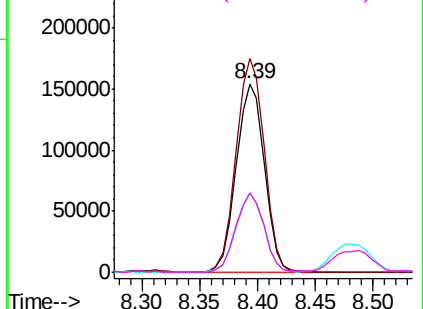
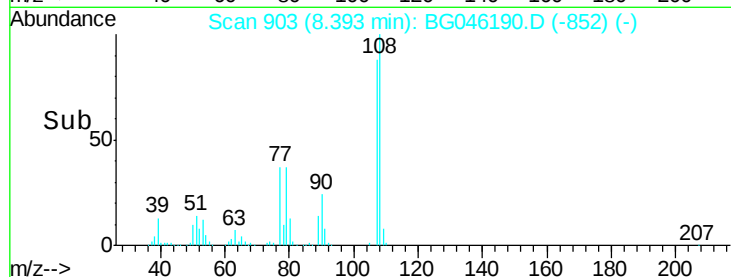
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

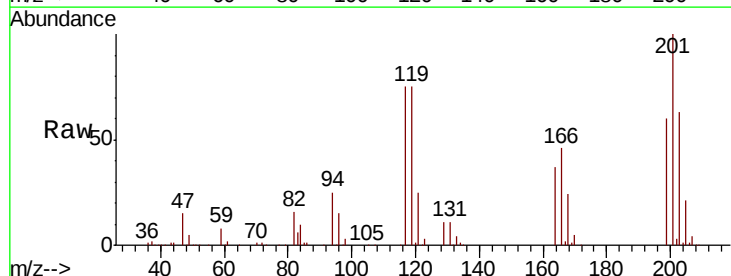
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.490 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion:	117	Resp:	114900
Ion	Ratio	Lower	Upper
117	100		
119	99.7	78.5	117.7
201	133.8	101.0	151.4

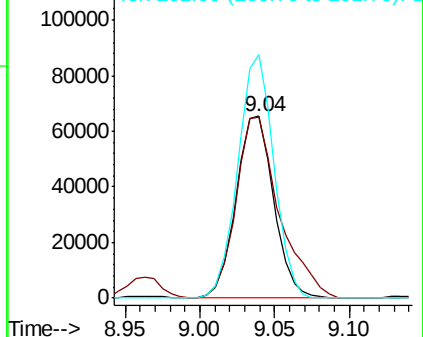
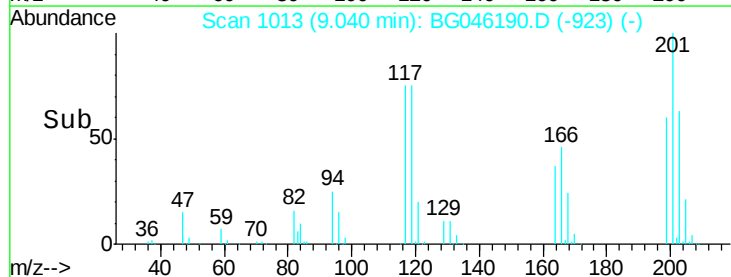


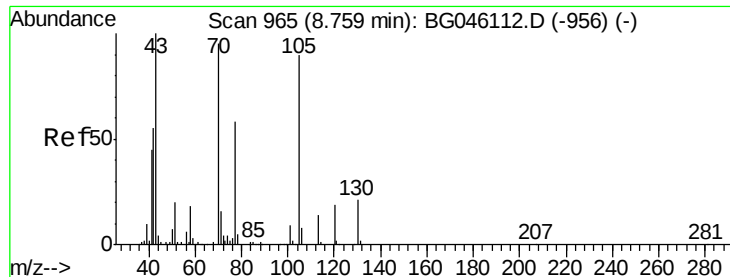
Abundance

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

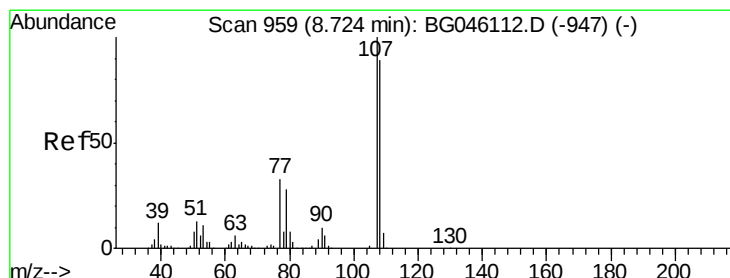
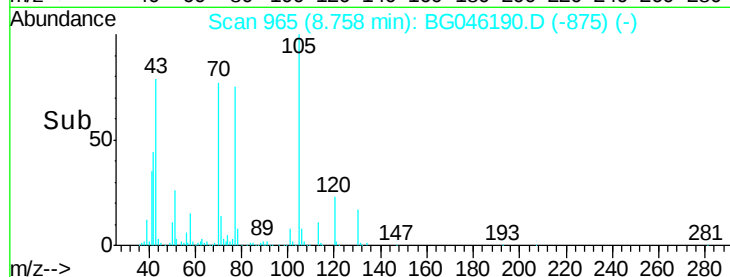
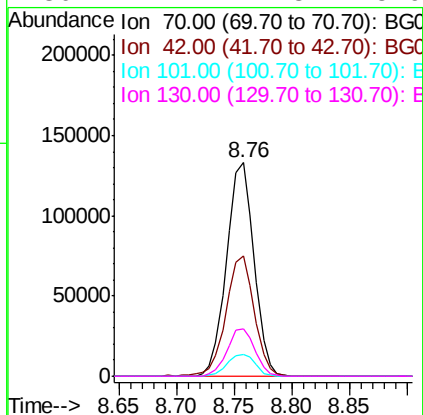
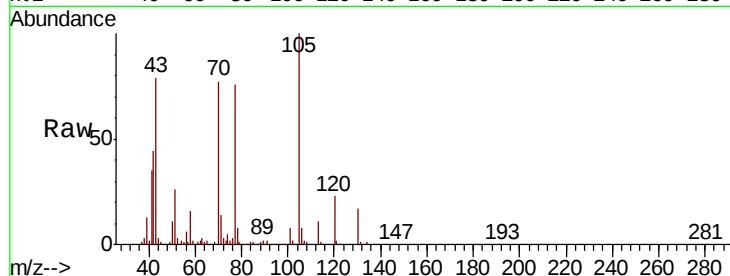




#19
n-Nitroso-di-n-propylamine
Concen: 41.102 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

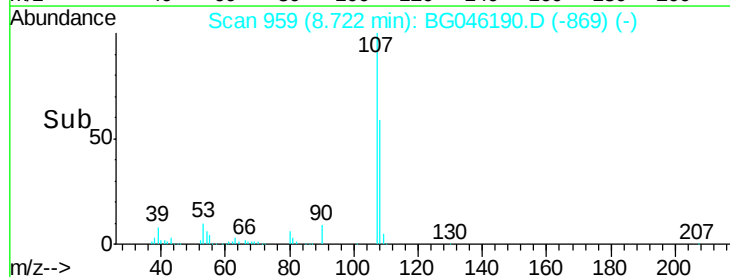
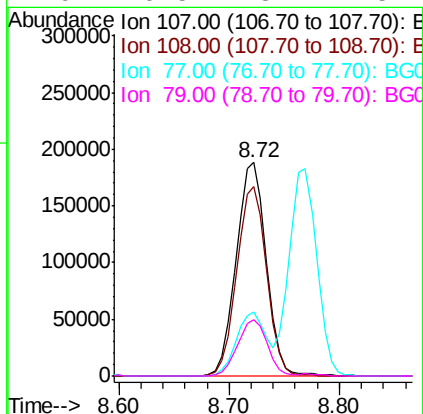
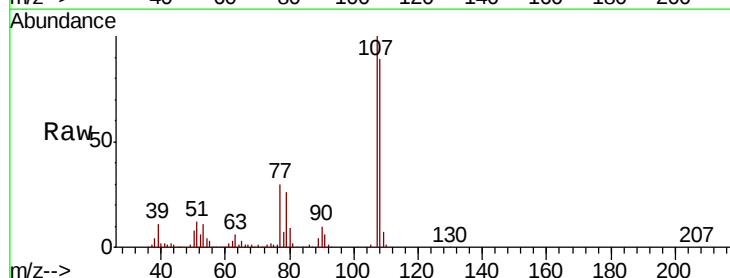
Instrument :
BNA_G
ClientSampleId :
SB-1MSD

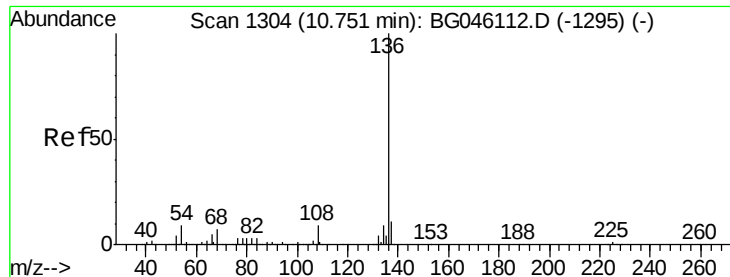
Tot Ion:	70	Resp:	219112
Ion	Ratio	Lower	Upper
70	100		
42	56.5	46.5	69.7
101	10.4	7.6	11.4
130	22.4	17.3	25.9



#20
3+4-Methylphenols
Concen: 47.478 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion:	107	Resp:	361071
Ion	Ratio	Lower	Upper
107	100		
108	88.9	69.1	109.1
77	29.8	12.5	52.5
79	26.5	8.4	48.4

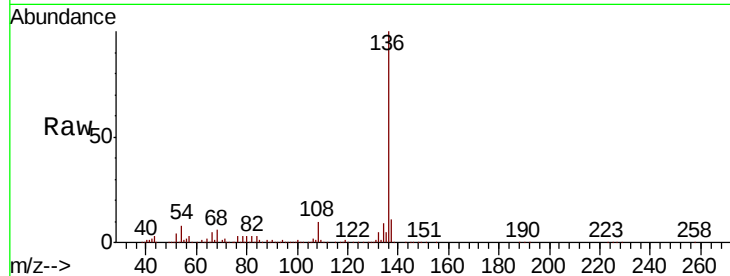




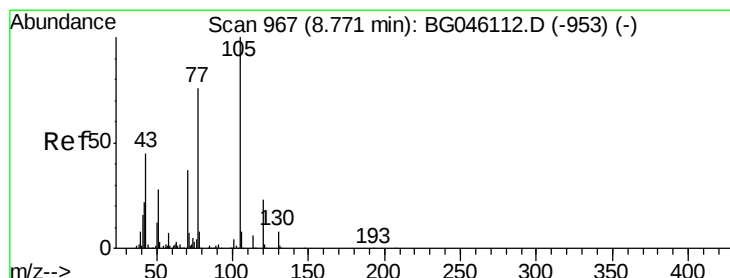
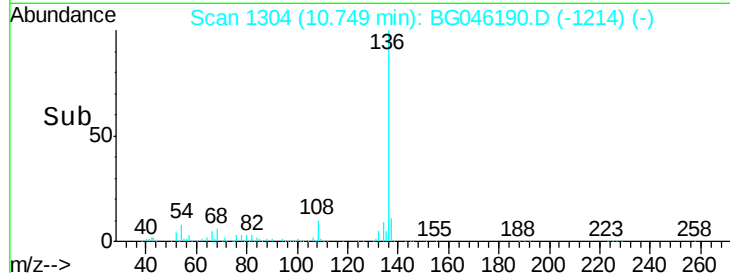
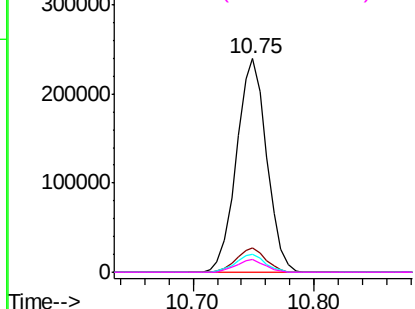
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion:136	Resp:	416032
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.8 13.2
54	8.4	7.0 10.4
68	5.8	5.3 7.9

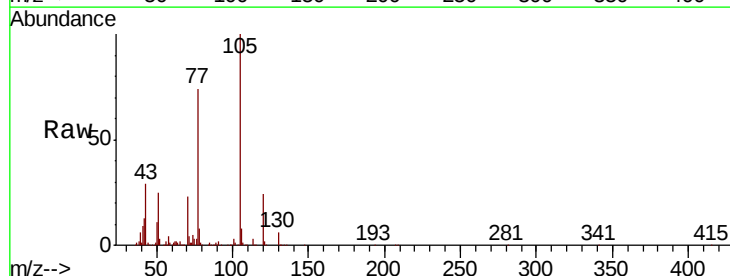


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

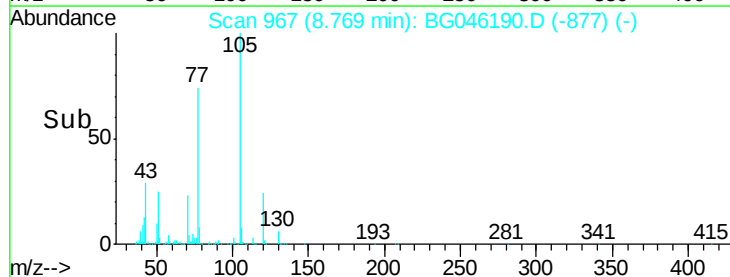
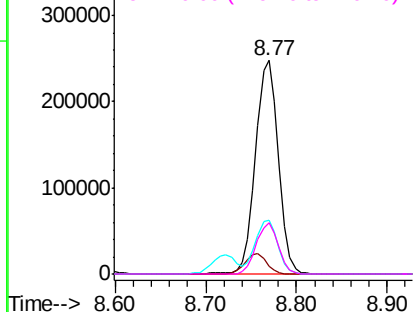


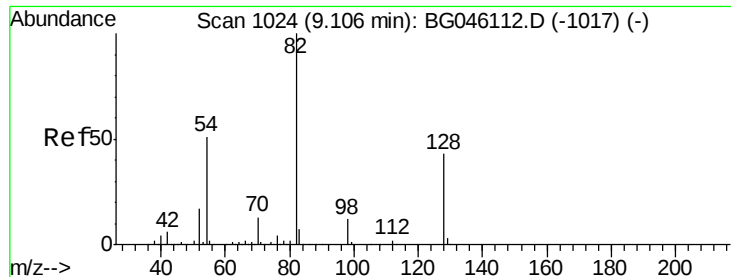
#22
Acetophenone
Concen: 40.655 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion:105	Resp:	434072
Ion	Ratio	Lower Upper
105	100	
71	3.8	5.3 7.9#
51	24.9	22.7 34.1
120	23.8	18.7 28.1



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

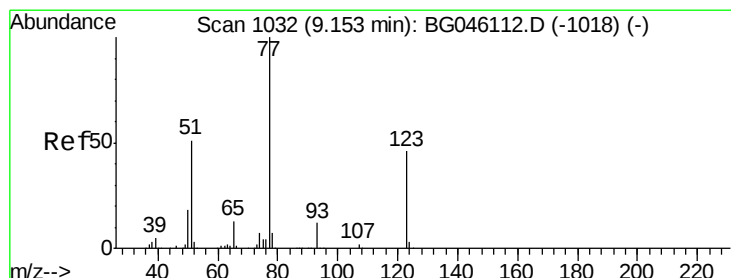
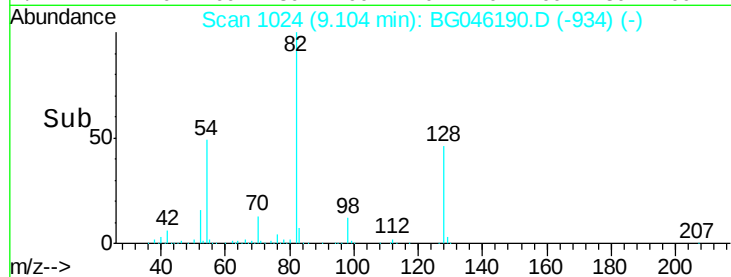
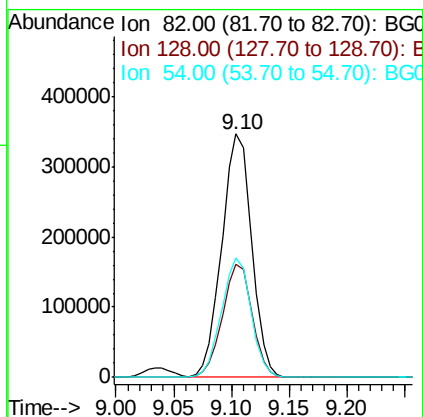
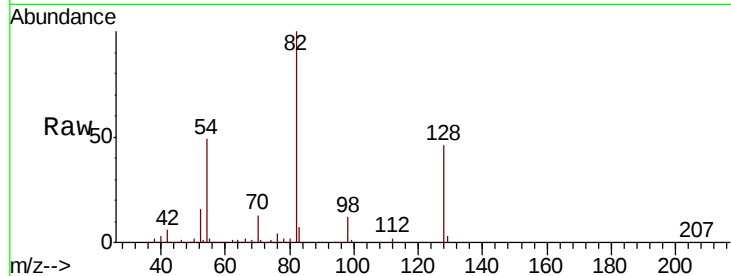




#23
 Nitrobenzene-d5
 Concen: 80.924 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

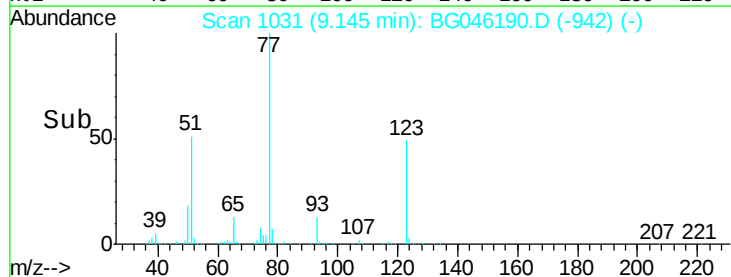
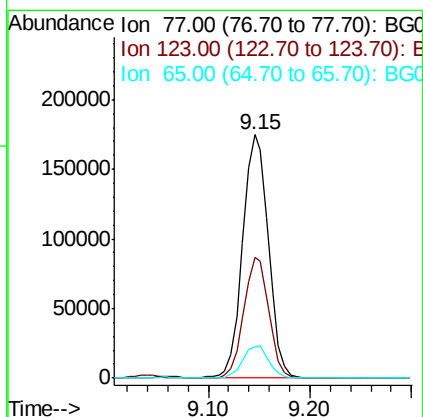
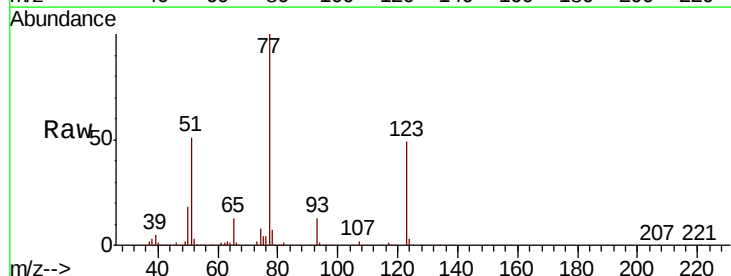
Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

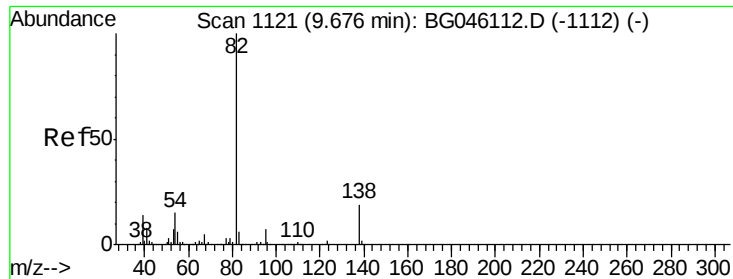
Tot Ion	82	Resp	621815
Ion Ratio	100	Lower	Upper
128	46.2	34.4	51.6
54	49.2	40.8	61.2



#24
 Nitrobenzene
 Concen: 37.481 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Tgt Ion	77	Resp	307058
Ion Ratio	100	Lower	Upper
123	49.3	36.8	55.2
65	12.7	10.2	15.2

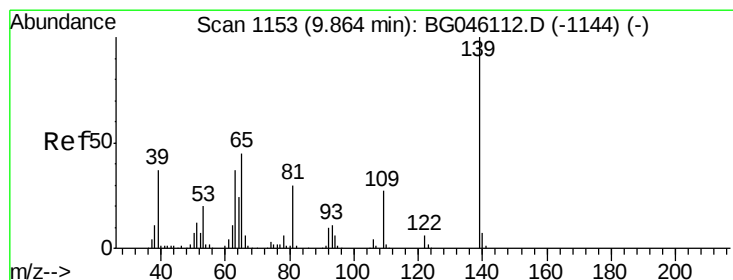
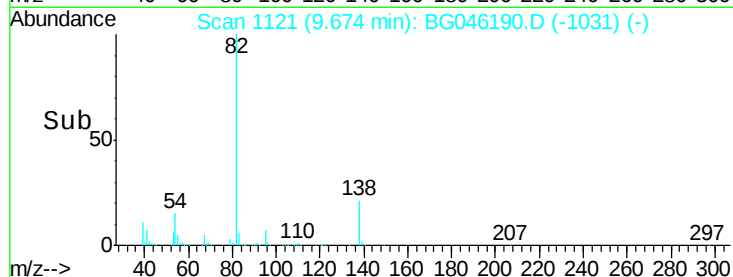
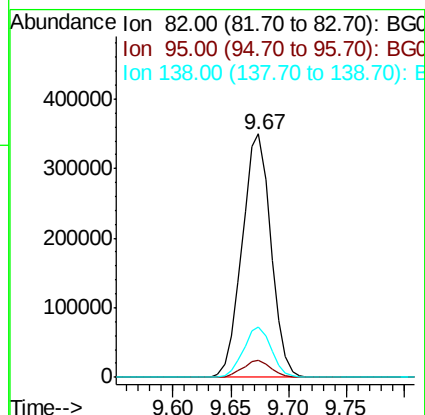
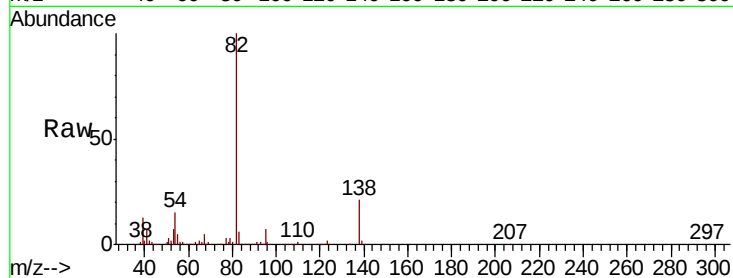




#25
Isophorone
Concen: 39.648 ng
RT: 9.67 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

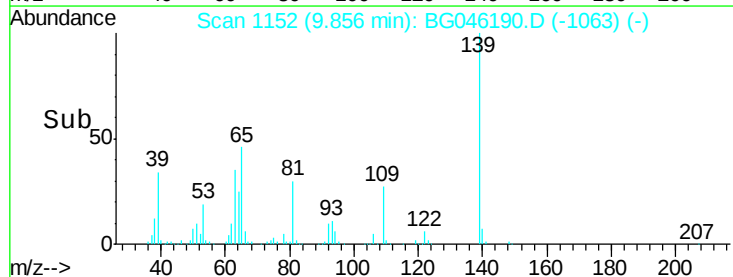
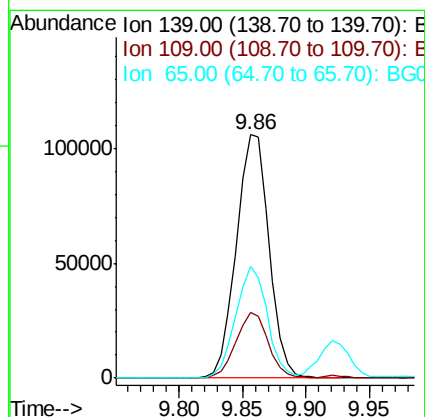
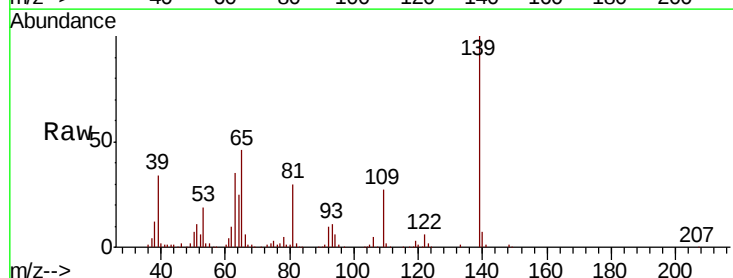
Instrument :
BNA_G
ClientSampleId :
SB-1MSD

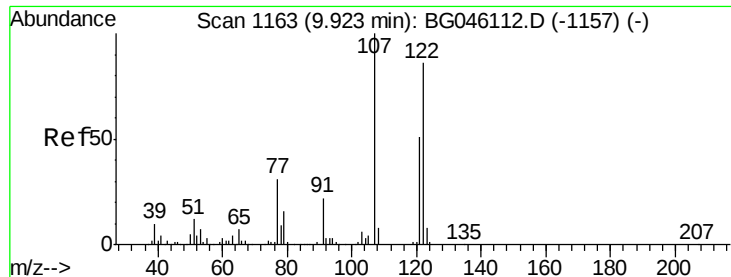
Tot Ion	82	Resp	606205
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.5	8.3
138	20.9	15.3	22.9



#26
2-Nitrophenol
Concen: 50.925 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion	139	Resp	189079
Ion Ratio	Lower	Upper	
139	100		
109	26.9	21.8	32.8
65	46.1	36.2	54.2





#27

2,4-Dimethylphenol

Concen: 47.974 ng

RT: 9.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

ClientSampled :

SB-1MSD

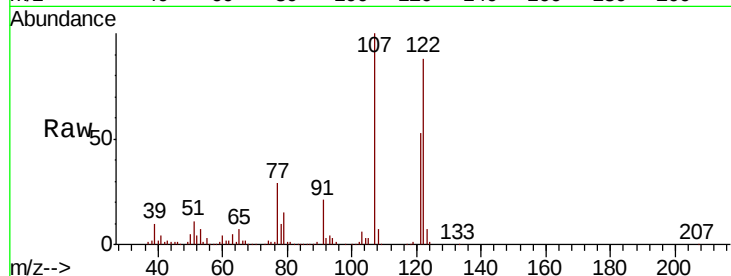
Tot Ion:122 Resp: 289801

Ion Ratio Lower Upper

122 100

107 113.1 92.4 138.6

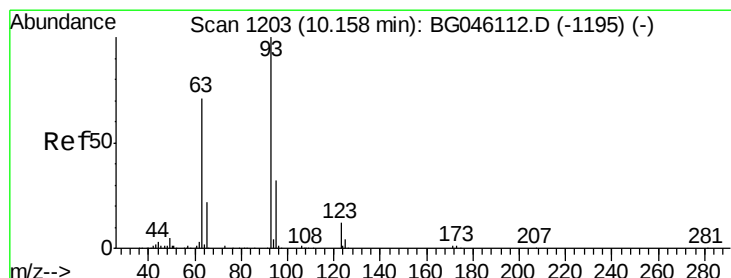
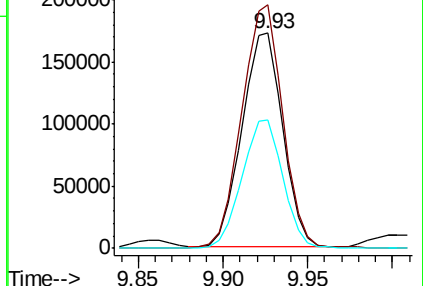
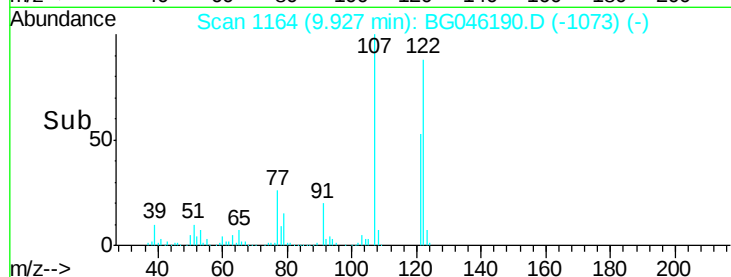
121 59.5 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.987 ng

RT: 10.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

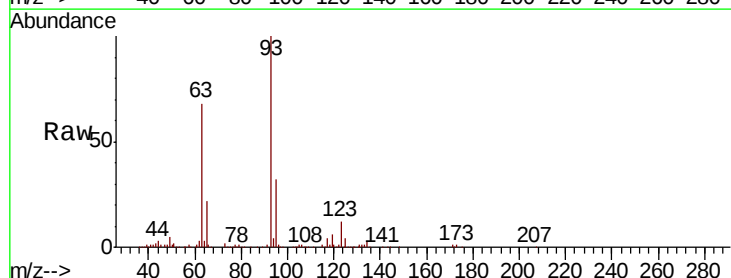
Tgt Ion: 93 Resp: 374014

Ion Ratio Lower Upper

93 100

95 32.2 26.0 39.0

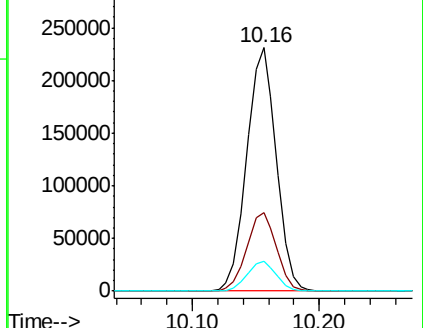
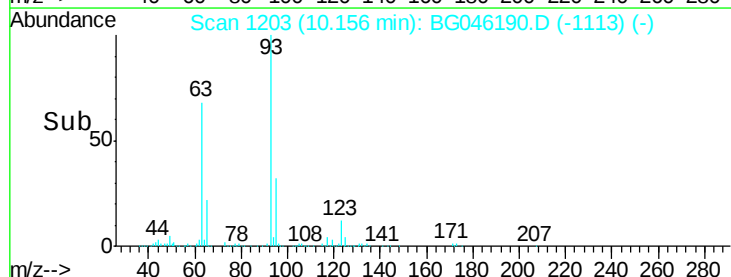
123 12.3 9.7 14.5

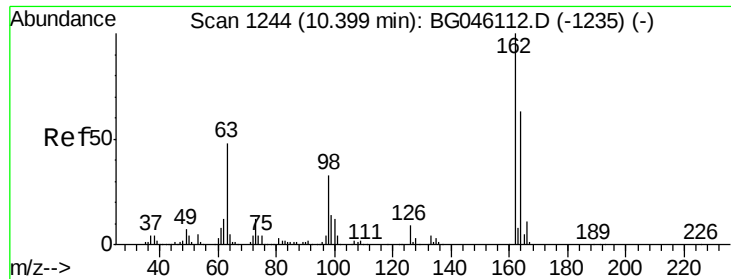


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

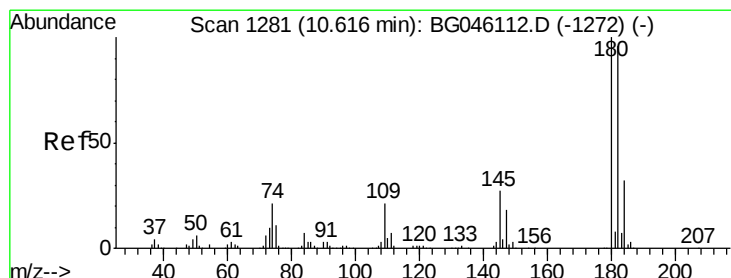
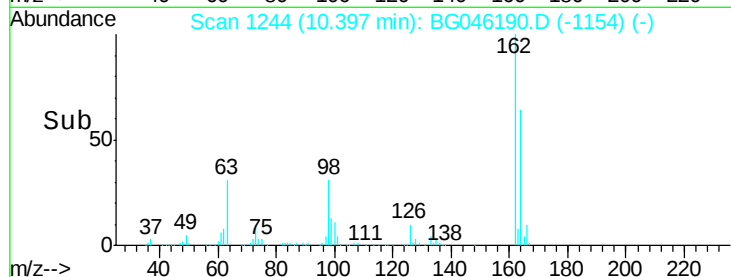
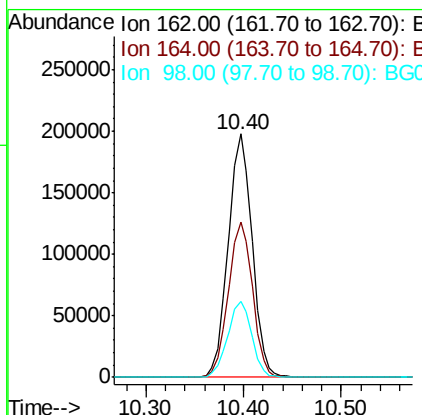
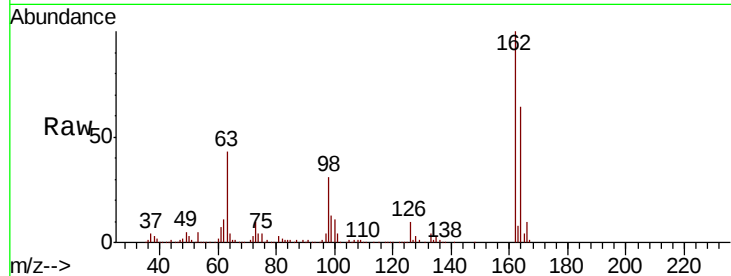




#29
 2,4-Dichlorophenol
 Concen: 47.535 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

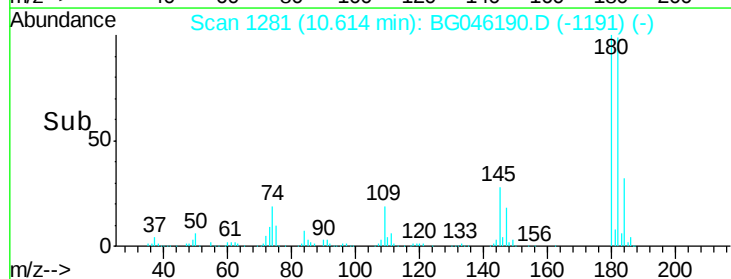
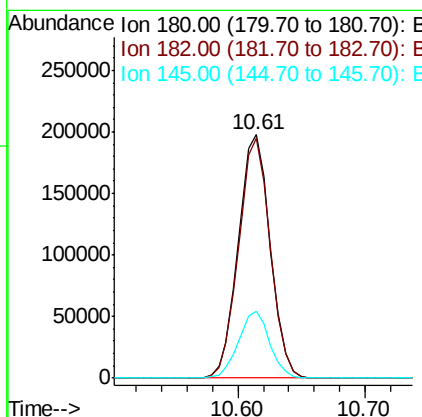
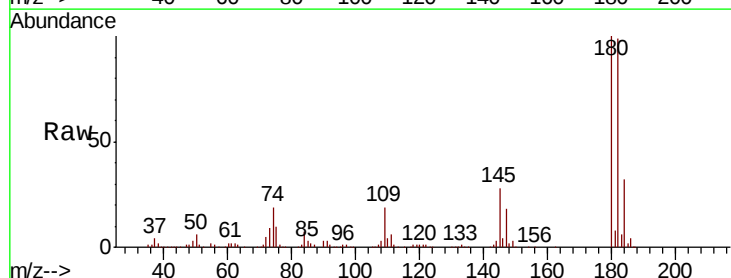
Instrument :
 BNA_G
 ClientSampled :
 SB-1MSD

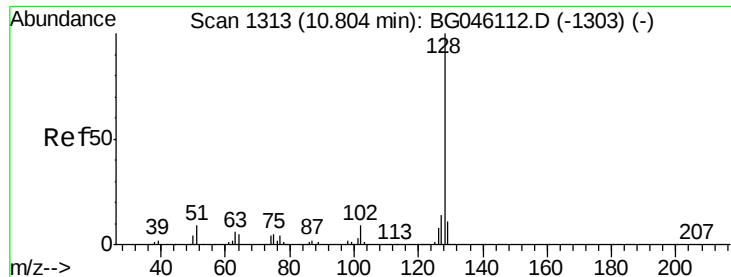
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.3	83.3
98	31.4	13.1	53.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.311 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	76.7	115.1
145	27.6	21.8	32.8

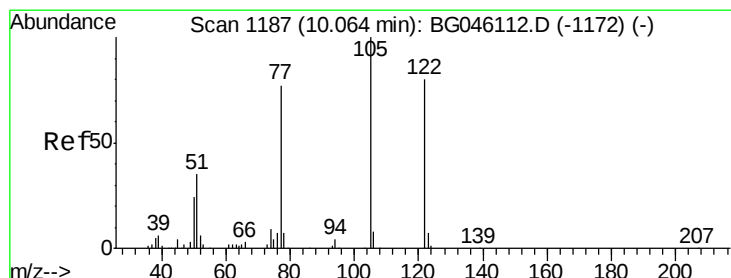
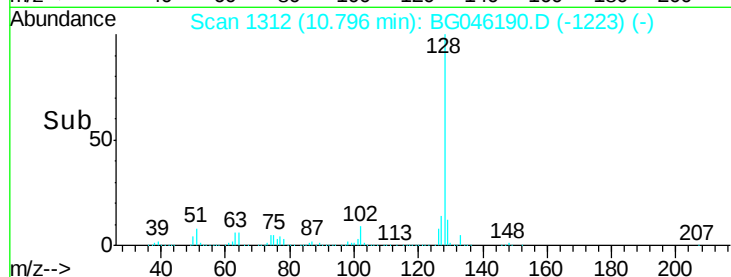
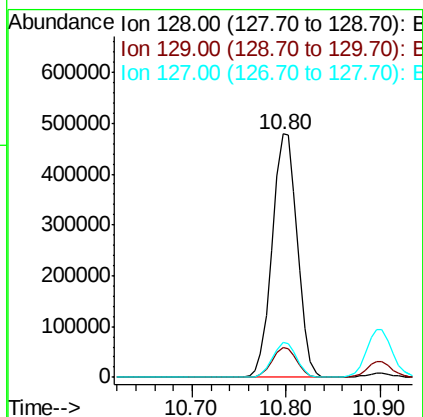
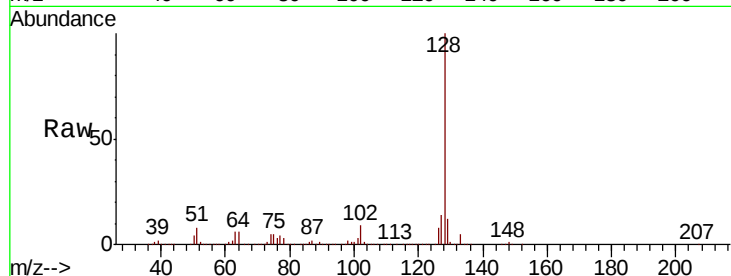




#31
Naphthalene
Concen: 40.117 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

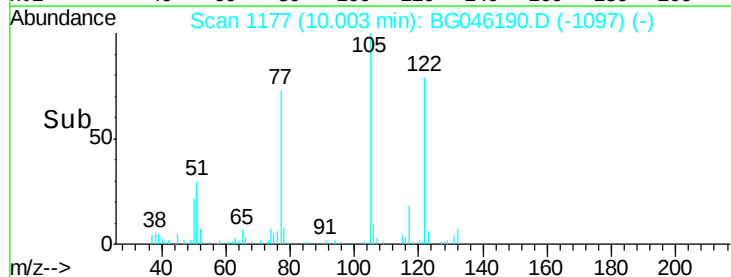
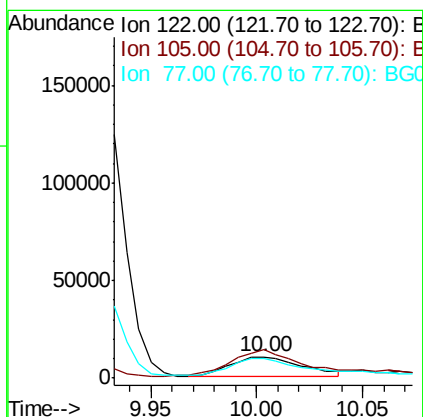
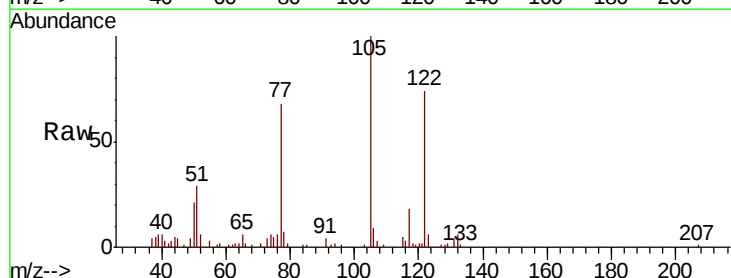
Instrument :
BNA_G
ClientSampleId :
SB-1MSD

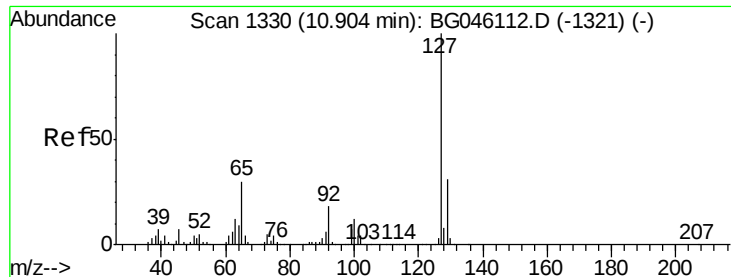
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.1	13.7
127	14.4	11.3	16.9



#32
Benzoic acid
Concen: 13.621 ng
RT: 10.00 min Scan# 1177
Delta R.T. -0.06 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.2	103.0	143.0
77	92.2	75.2	115.2

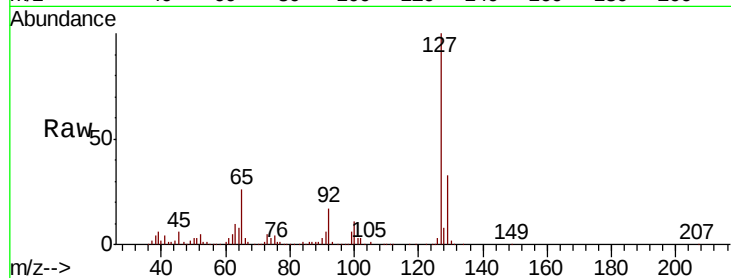




#33
4-Chloroaniline
Concen: 19.848 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion:	127	Resp:	178543
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.2	37.8
65	26.3	24.2	36.2
92	16.8	14.5	21.7



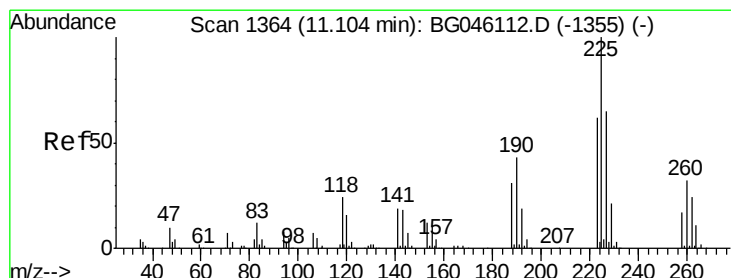
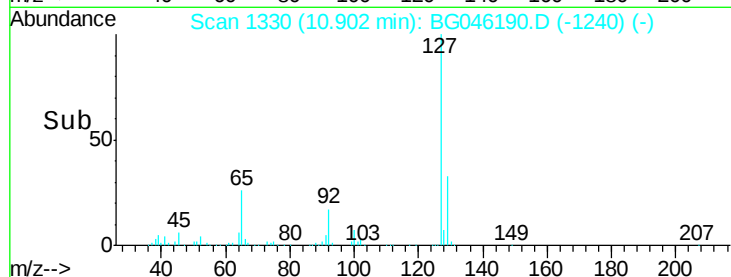
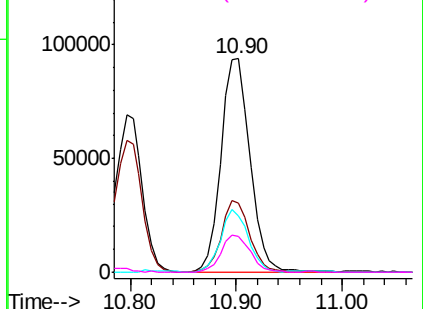
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

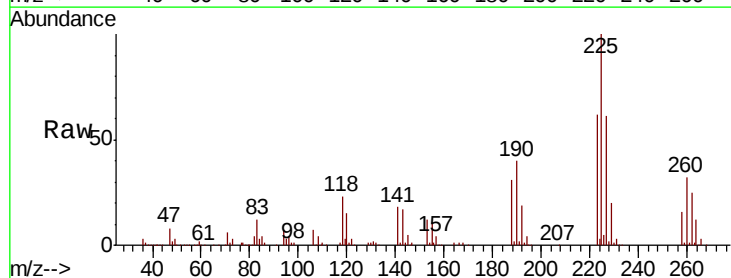
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 40.164 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion:	225	Resp:	222568
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.8	74.6
227	61.3	51.9	77.9

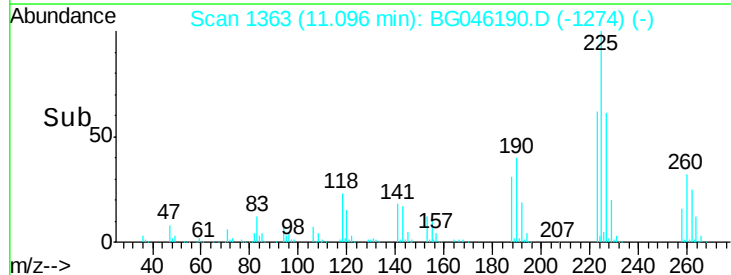
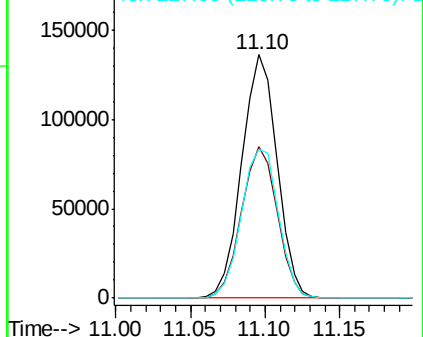


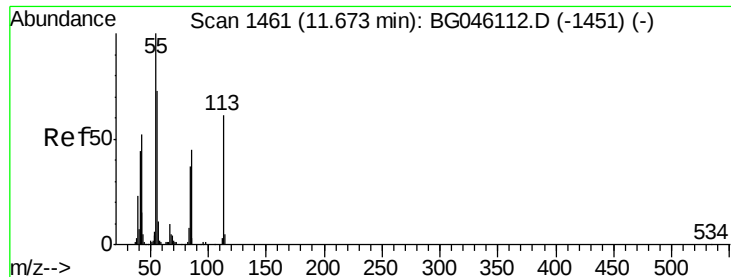
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 58.416 ng

RT: 11.67 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

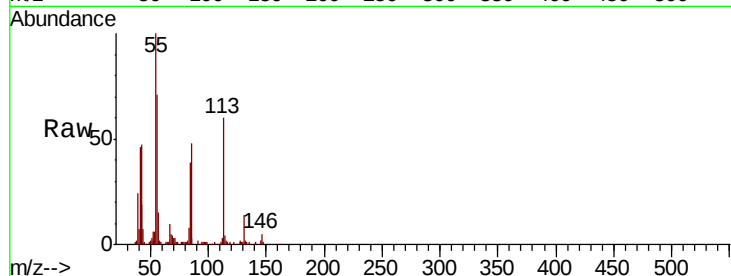
Tot Ion:113 Resp: 135865

Ion Ratio Lower Upper

113 100

55 166.6 144.7 184.7

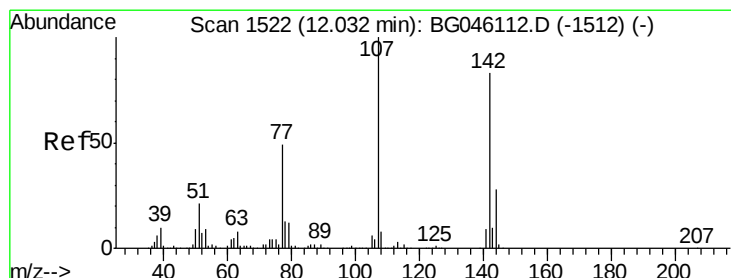
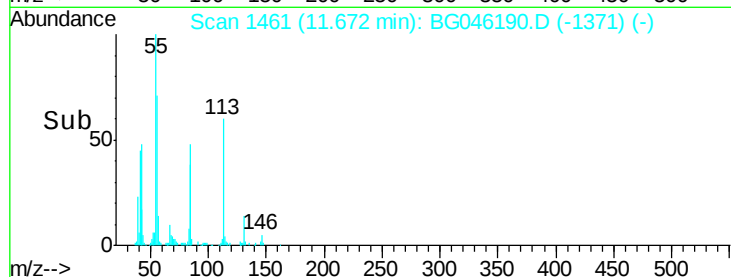
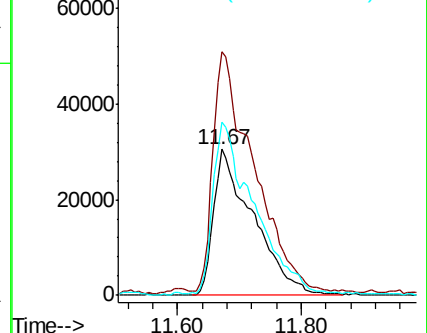
56 118.7 99.4 139.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.437 ng

RT: 12.03 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

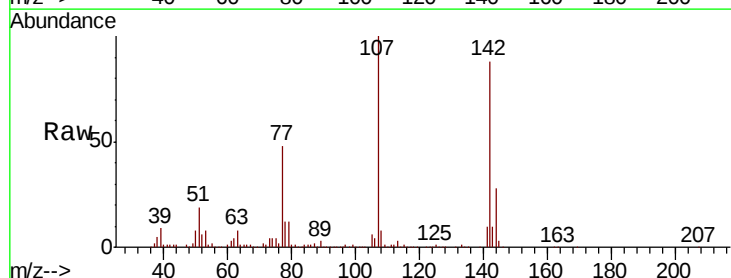
Tgt Ion:107 Resp: 330799

Ion Ratio Lower Upper

107 100

144 28.2 22.4 33.6

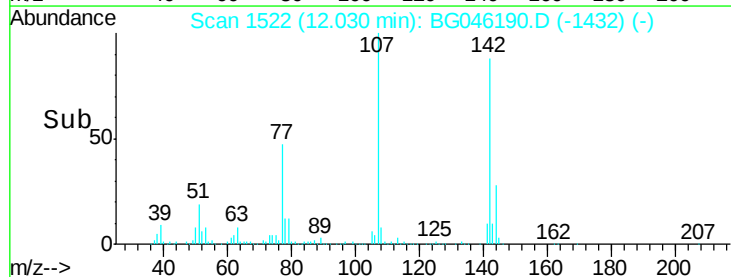
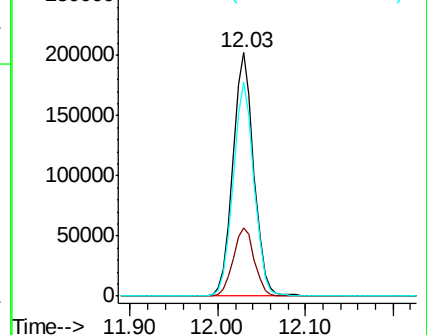
142 88.0 66.6 100.0

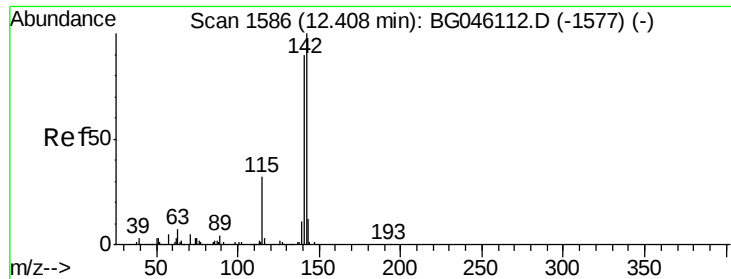


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

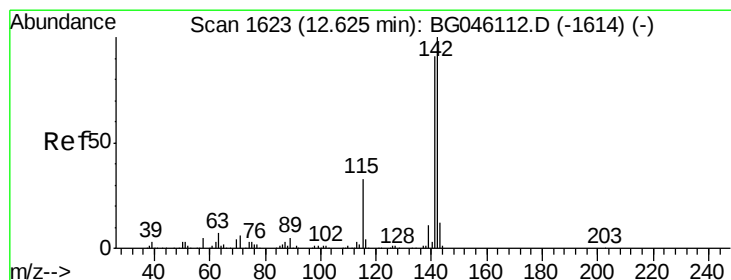
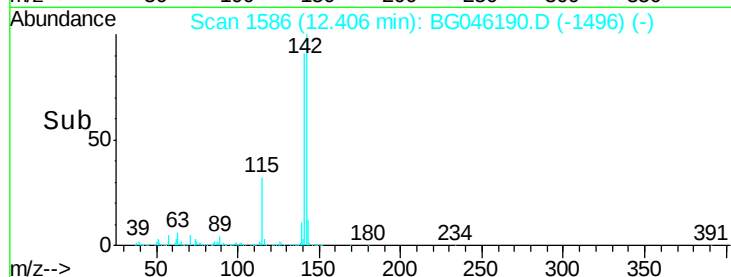
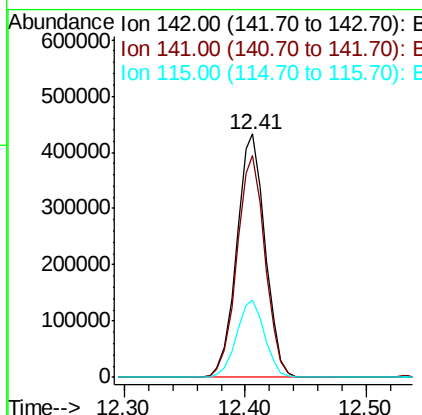
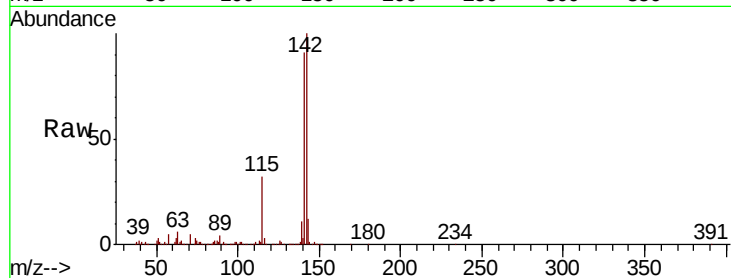




#37
2-Methylnaphthalene
Concen: 41.708 ng
RT: 12.41 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

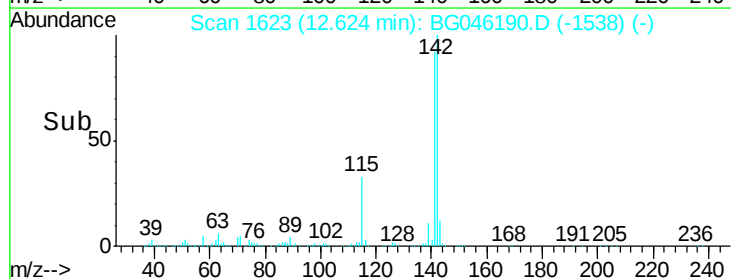
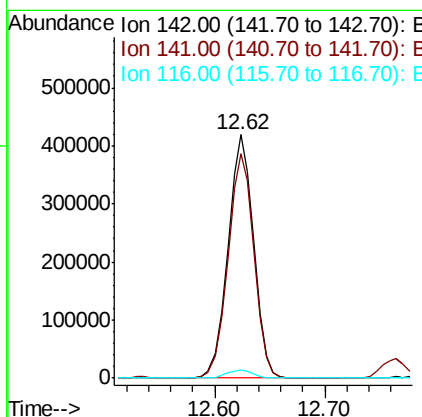
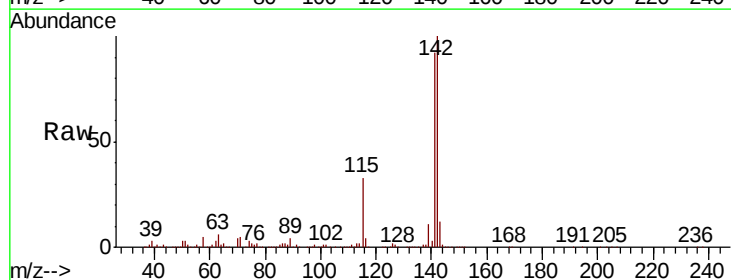
Instrument :
BNA_G
ClientSampleId :
SB-1MSD

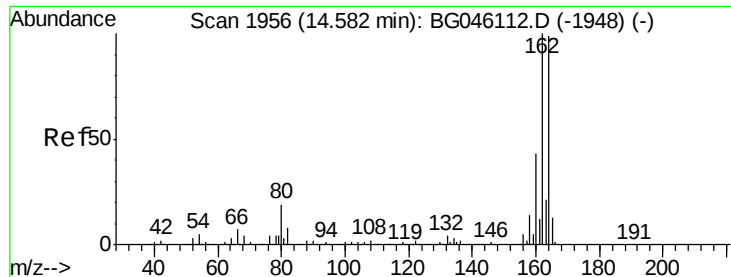
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.7	107.5
115	31.8	25.8	38.8



#38
1-Methylnaphthalene
Concen: 42.245 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.0	109.4
116	3.5	2.8	4.2

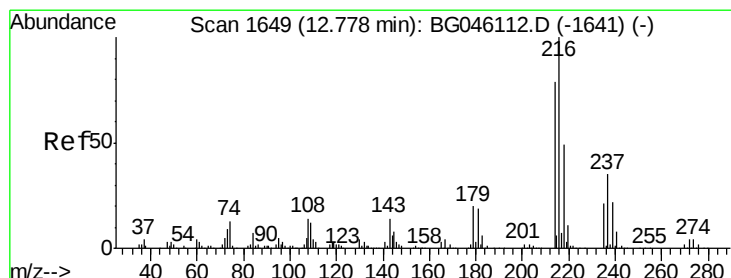
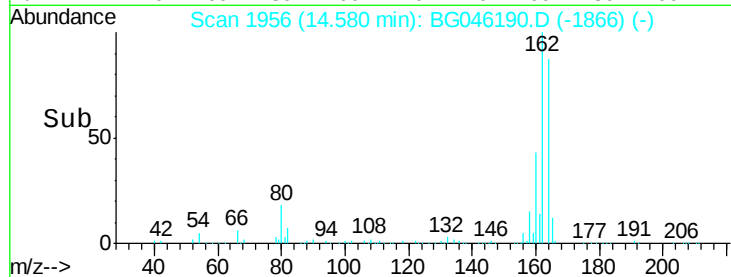
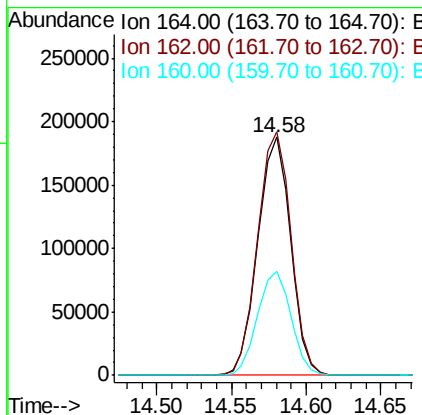
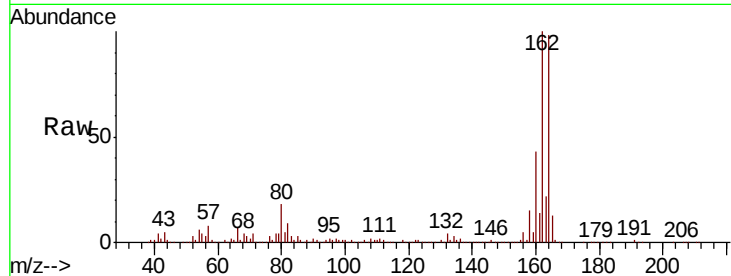




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

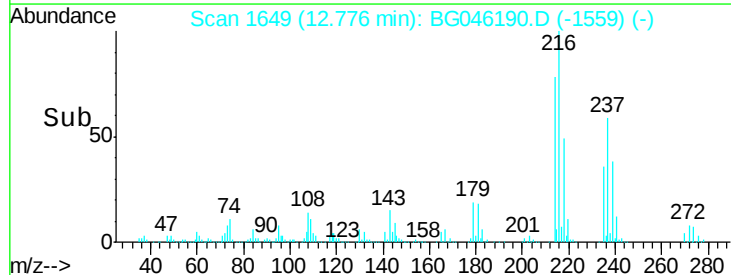
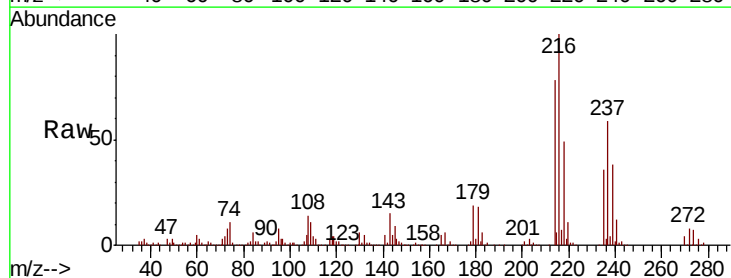
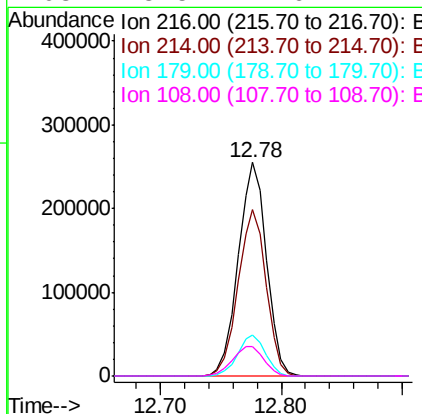
Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

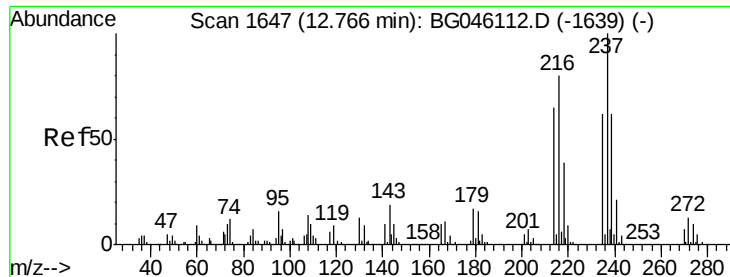
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	121.0
160	43.7	34.9	52.3



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.208 ng
 RT: 12.78 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	62.7	94.1
179	18.9	15.0	22.6
108	15.5	11.6	17.4





#41

Hexachlorocyclopentadiene

Concen: 86.911 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

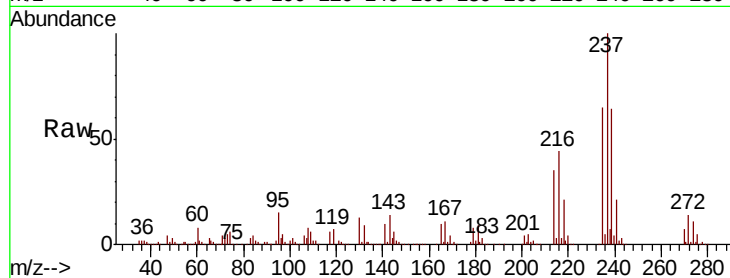
Tot Ion:237 Resp: 512613

Ion Ratio Lower Upper

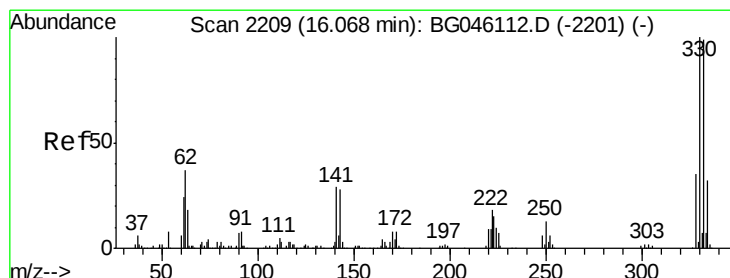
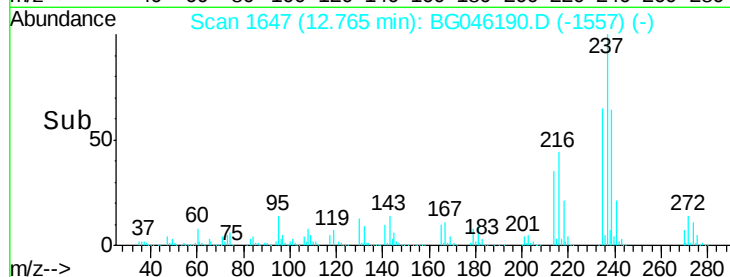
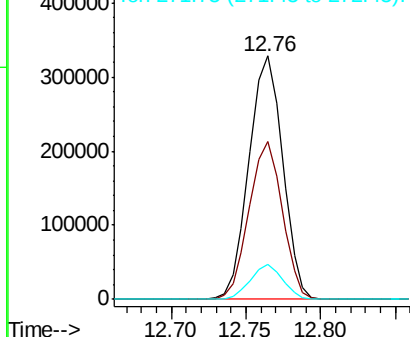
237 100

235 64.8 42.3 82.3

272 14.1 0.0 32.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 147.145 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

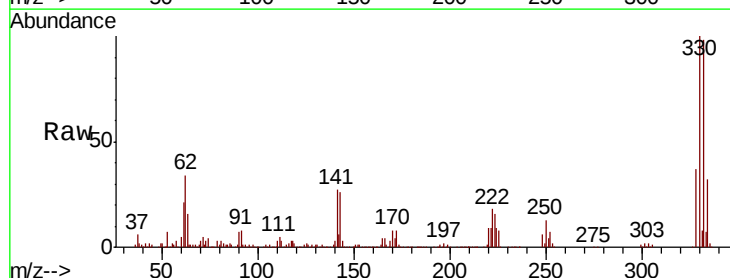
Tgt Ion:330 Resp: 645026

Ion Ratio Lower Upper

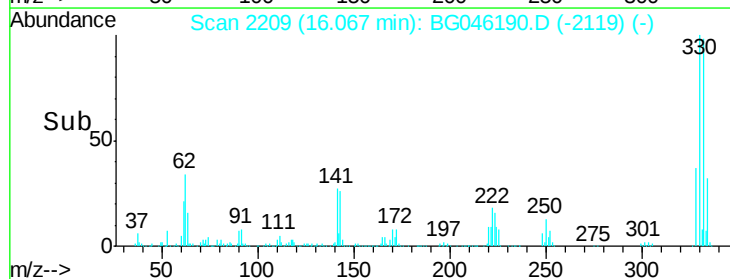
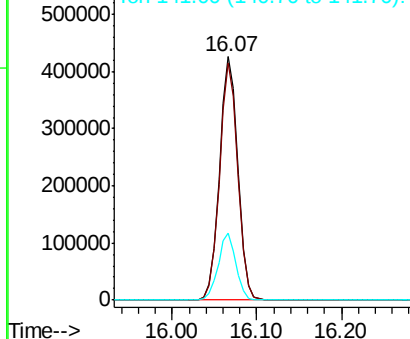
330 100

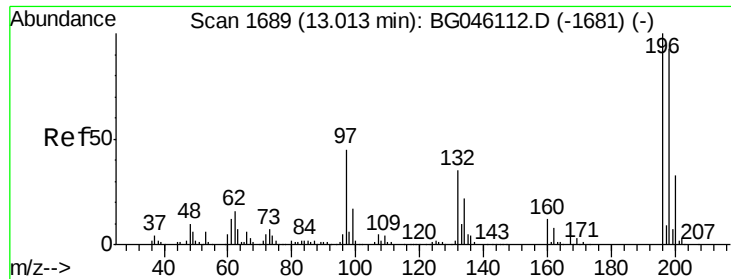
332 96.6 77.4 116.2

141 26.4 23.4 35.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

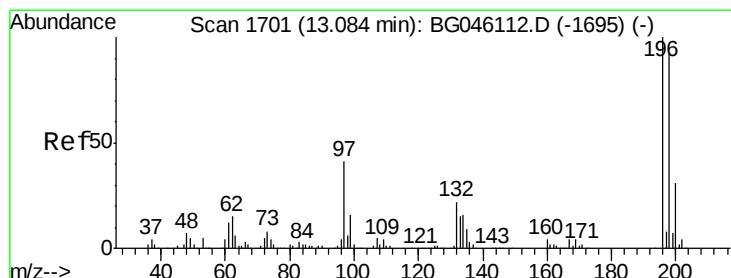
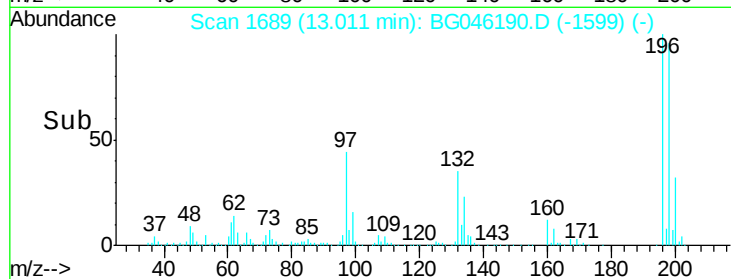
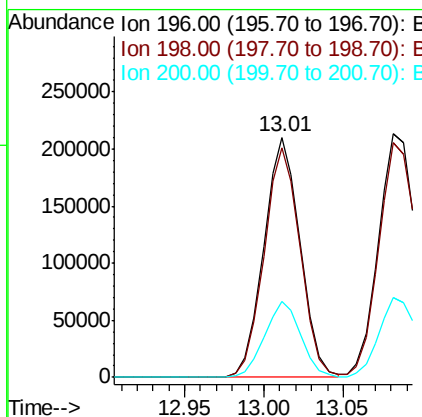
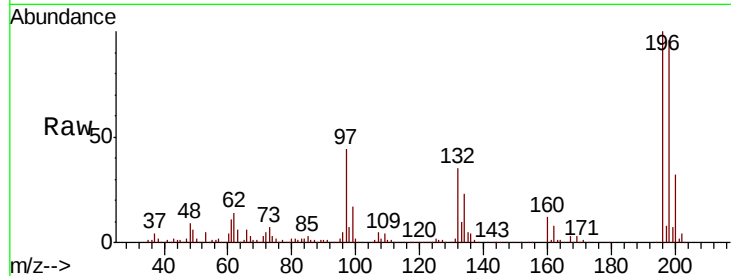




#43
 2,4,6-Trichlorophenol
 Concen: 50.779 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

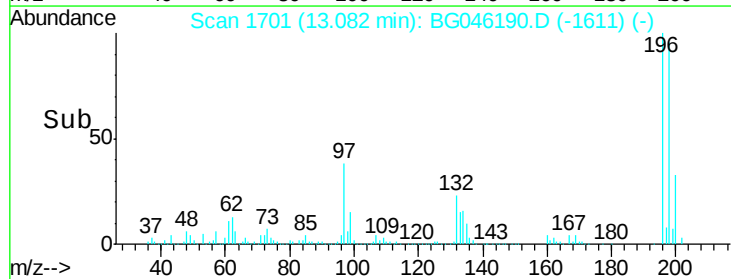
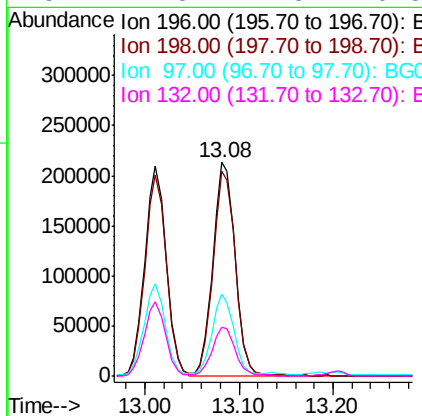
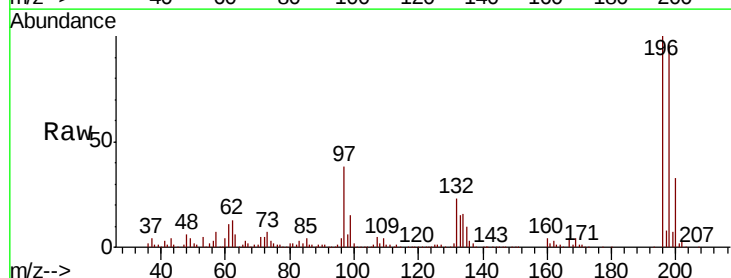
Instrument :
 BNA_G
 ClientSampled :
 SB-1MSD

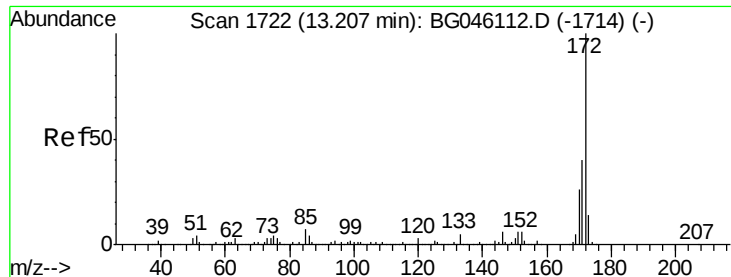
Tot Ion:196 Resp: 333132
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.2 111.4
 200 31.8 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 49.528 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Tgt Ion:196 Resp: 354523
 Ion Ratio Lower Upper
 196 100
 198 96.2 73.9 110.9
 97 38.4 32.7 49.1
 132 22.8 17.8 26.8

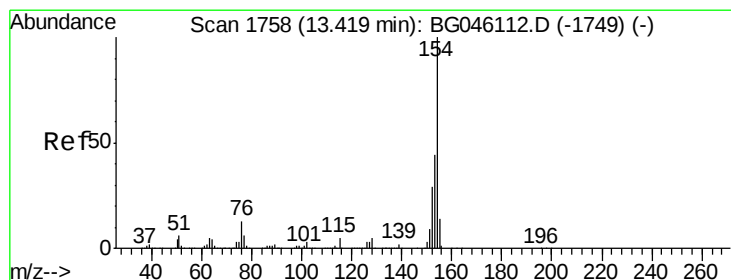
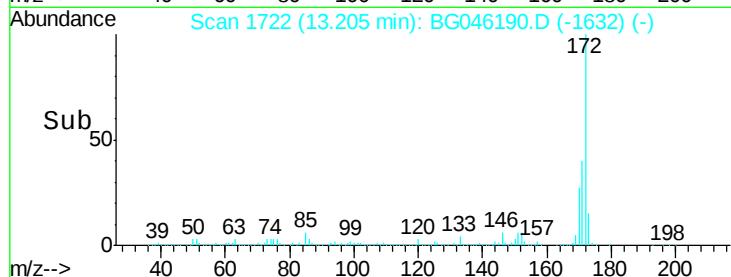
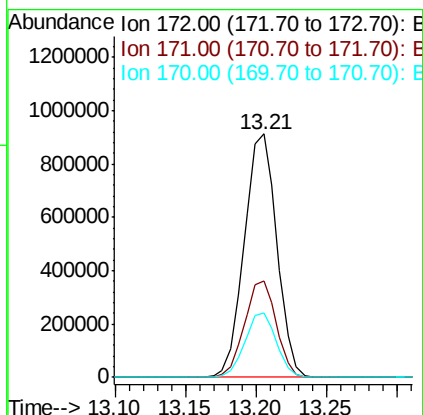
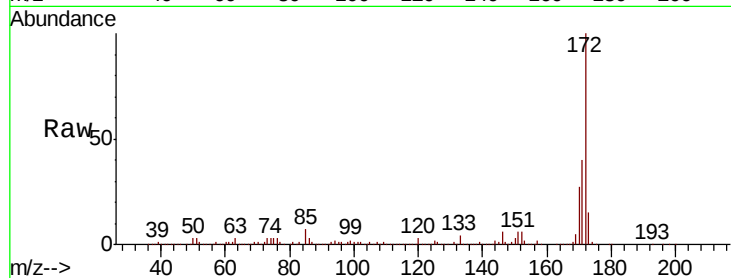




#45
2-Fluorobiphenyl
Concen: 74.929 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

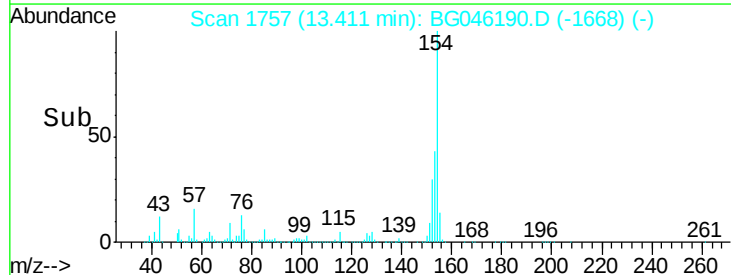
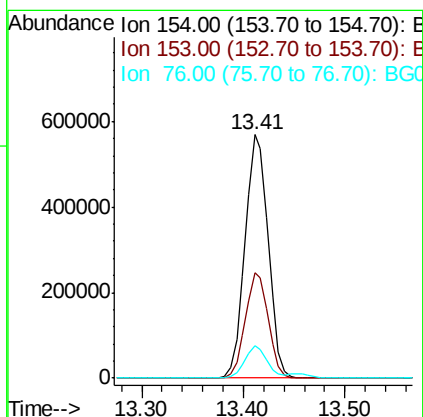
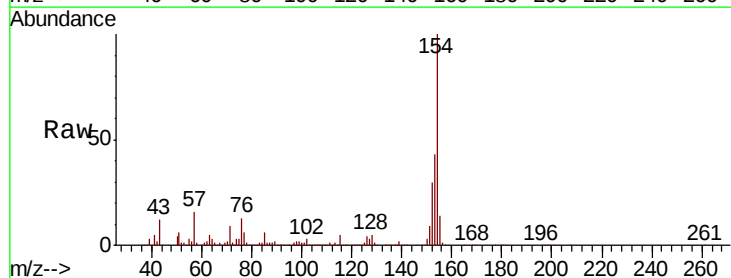
Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion:172 Resp: 1472100
Ion Ratio Lower Upper
172 100
171 39.8 31.7 47.5
170 26.7 20.9 31.3



#46
1,1'-Biphenyl
Concen: 40.049 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion:154 Resp: 896621
Ion Ratio Lower Upper
154 100
153 43.1 23.7 63.7
76 13.1 0.0 32.9

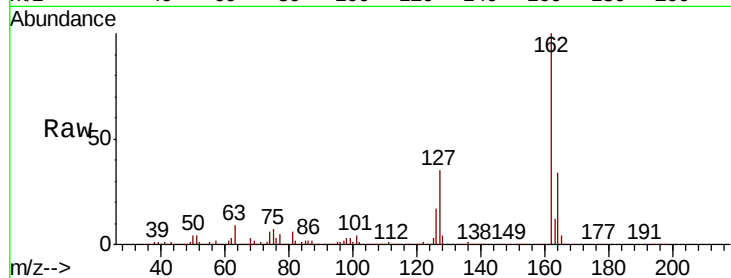




#47
2-Chloronaphthalene
Concen: 39.688 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.2	28.0	42.0
164	34.2	26.5	39.7

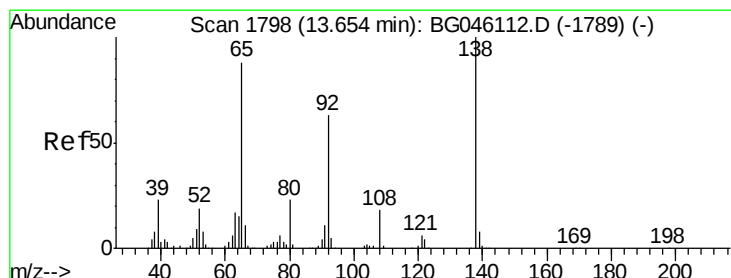
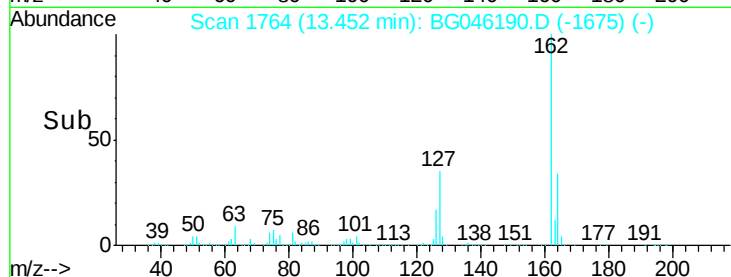
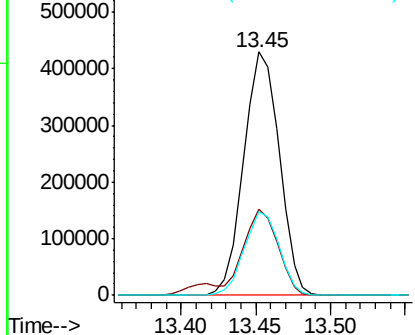


Abundance

Ion 162.00 (161.70 to 162.70): E

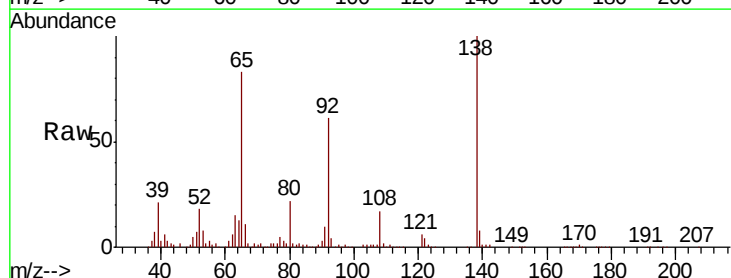
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.795 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.2	57.4	86.2
138	120.8	91.1	136.7

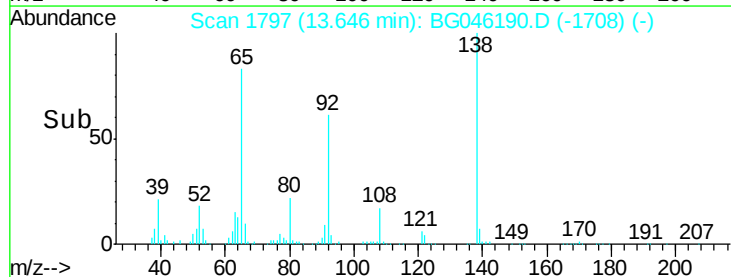
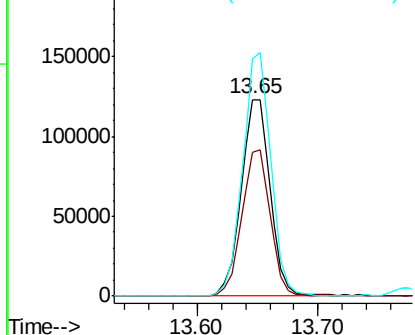


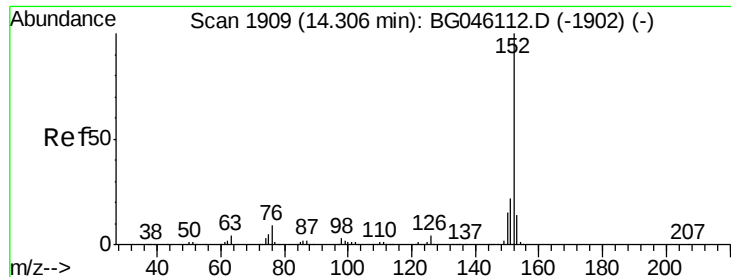
Abundance

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: 41.022 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

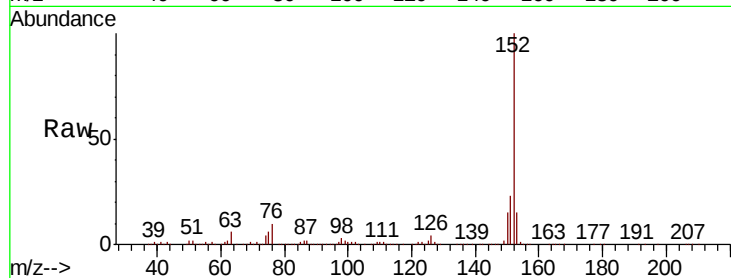
BNA_G

ClientSampleId :

SB-1MSD

Tot Ion:152 Resp: 1137570

Ion	Ratio	Lower	Upper
152	100		
151	22.7	17.4	26.2
153	14.6	10.9	16.3

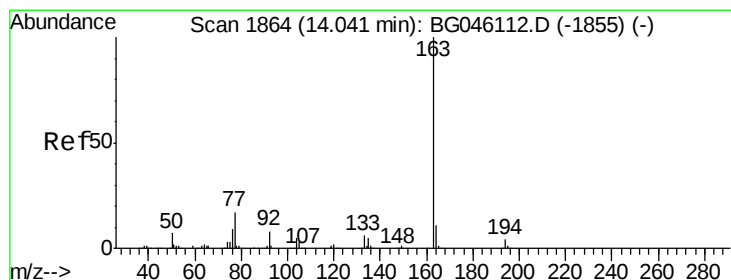
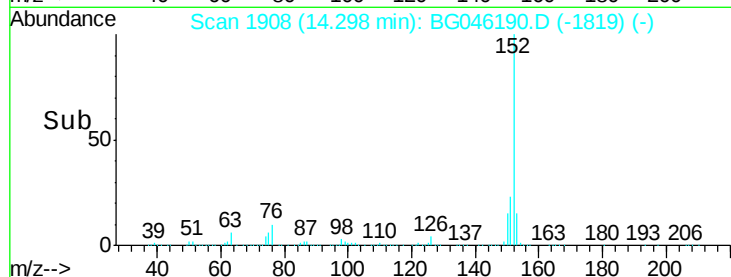
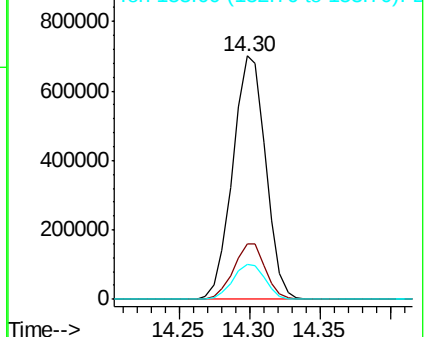


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.588 ng

RT: 14.03 min Scan# 1863

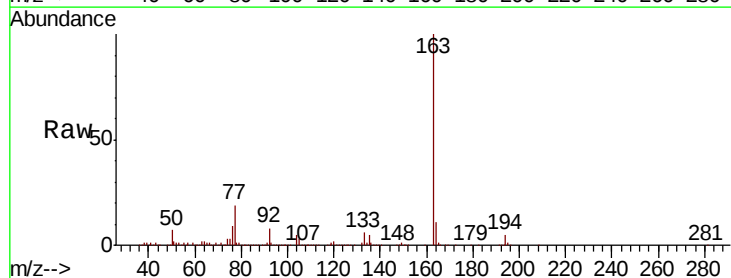
Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Tgt Ion:163 Resp: 1151904

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.5	5.3
164	11.1	8.8	13.2

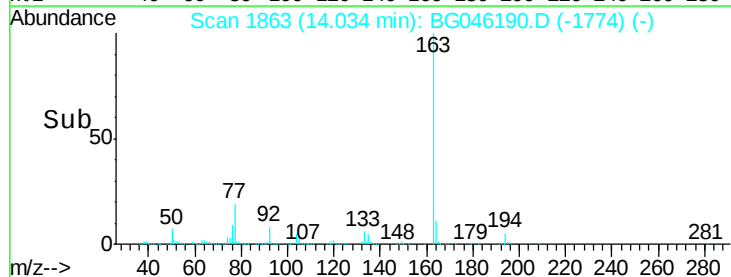
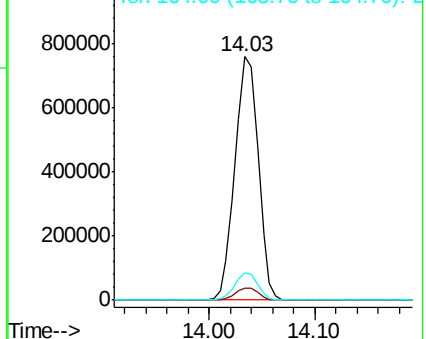


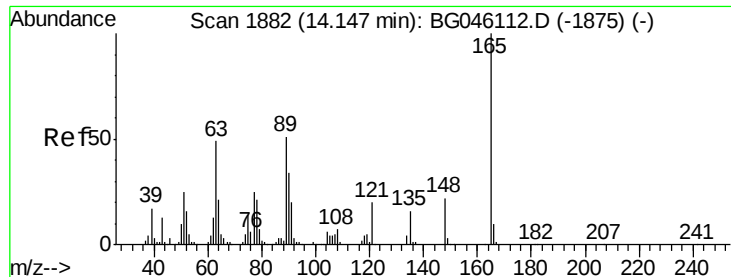
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

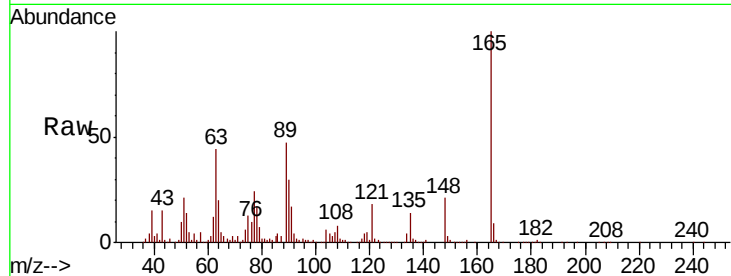




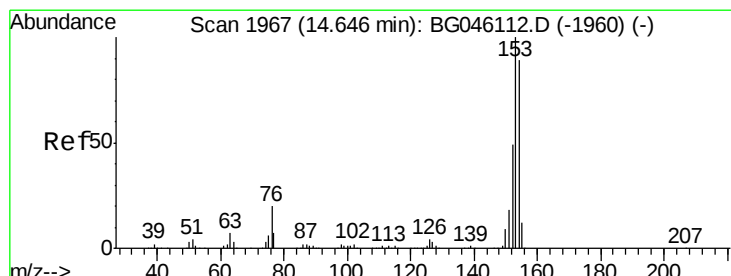
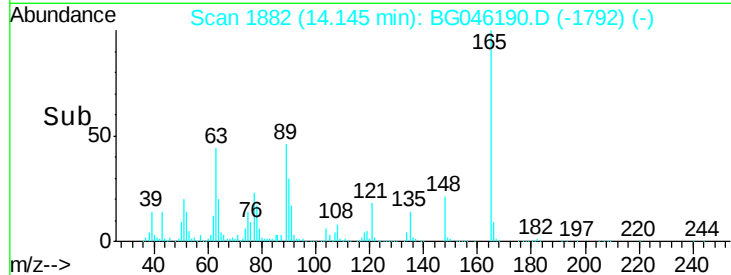
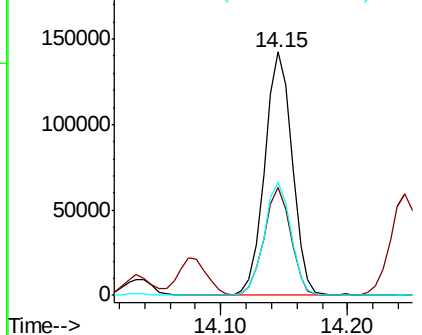
#51
2,6-Dinitrotoluene
Concen: 41.963 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion:165 Resp: 213921
Ion Ratio Lower Upper
165 100
63 44.2 39.7 59.5
89 46.5 41.0 61.6

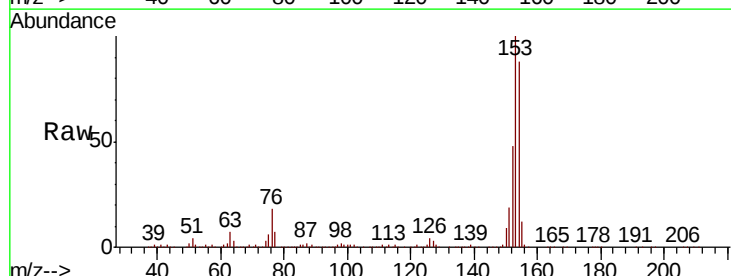


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

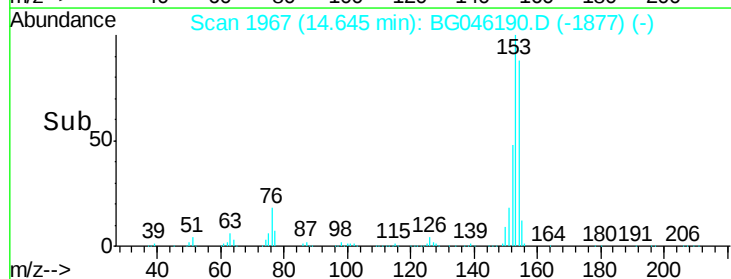
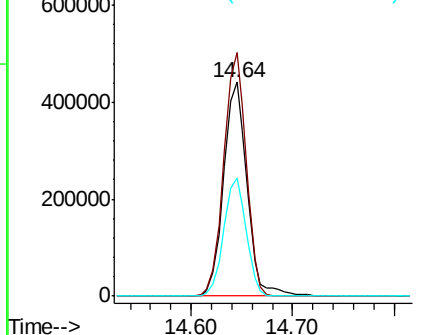


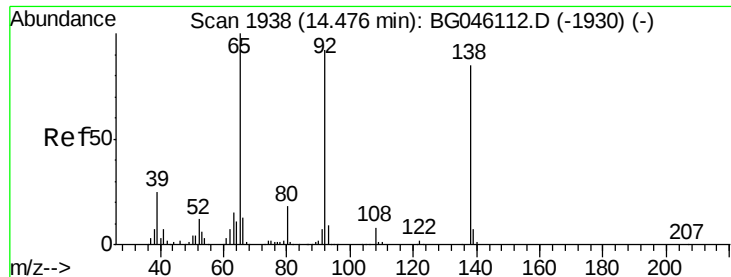
#52
Acenaphthene
Concen: 38.573 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion:154 Resp: 705957
Ion Ratio Lower Upper
154 100
153 114.0 89.8 134.8
152 55.3 44.5 66.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

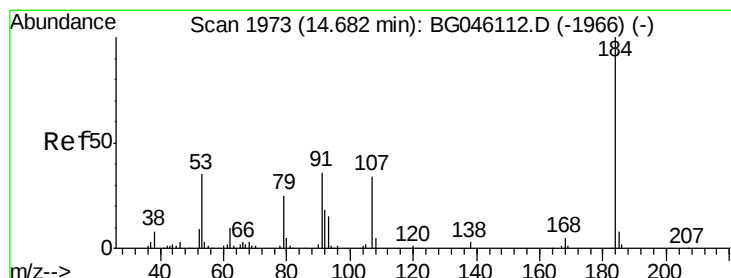
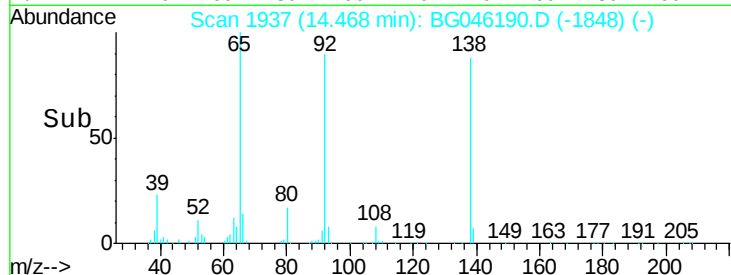
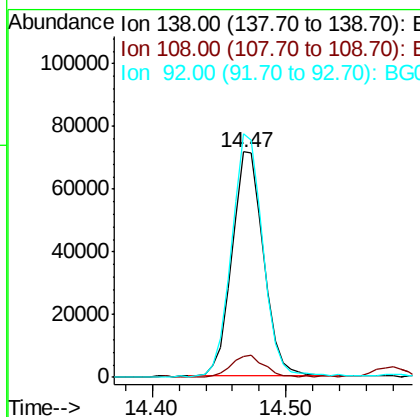
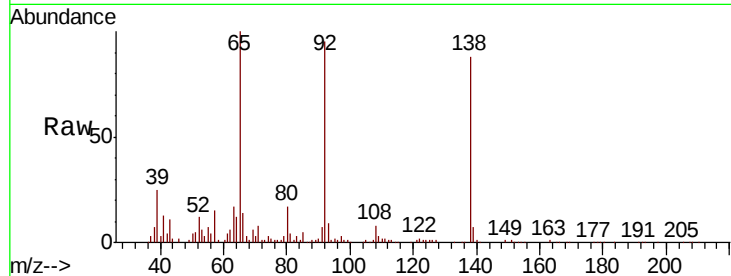




#53
3-Nitroaniline
Concen: 23.287 ng
RT: 14.47 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

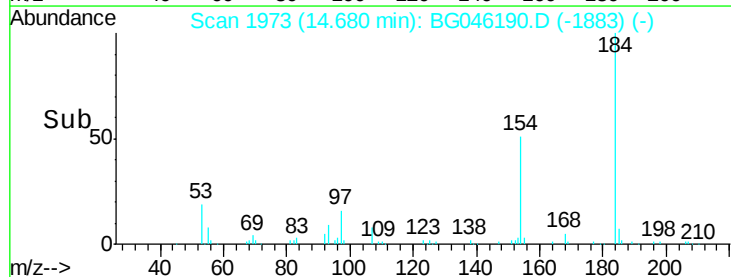
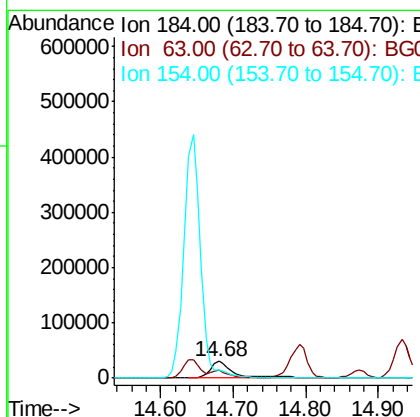
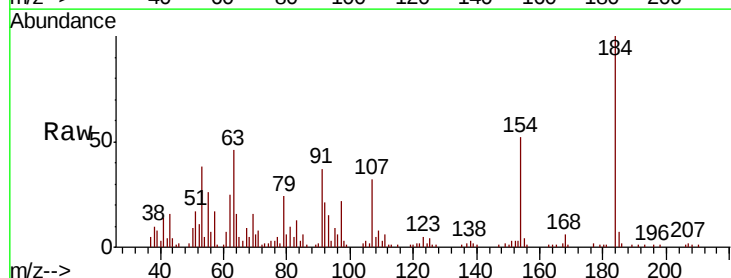
Instrument :
BNA_G
ClientSampleId :
SB-1MSD

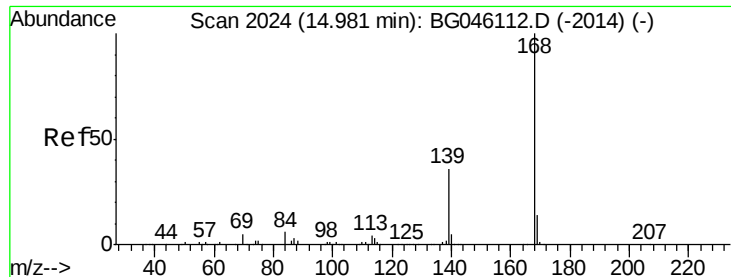
Tot Ion:138 Resp: 117693
Ion Ratio Lower Upper
138 100
108 9.5 7.2 10.8
92 108.1 87.5 131.3



#54
2,4-Dinitrophenol
Concen: 26.341 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion:184 Resp: 68284
Ion Ratio Lower Upper
184 100
63 46.2 36.7 55.1
154 52.0 41.3 61.9





#55

Dibenzenofuran

Concen: 39.826 ng

RT: 14.98 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

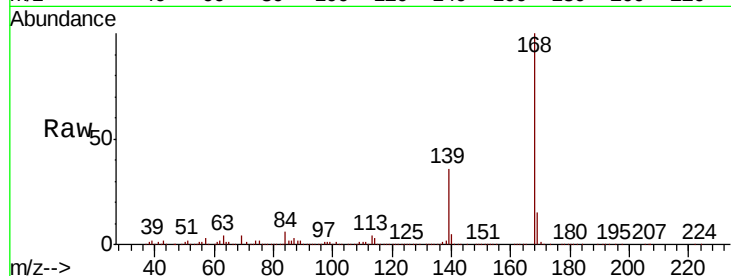
Tot Ion:168 Resp: 1099834

Ion Ratio Lower Upper

168 100

139 35.6 29.0 43.4

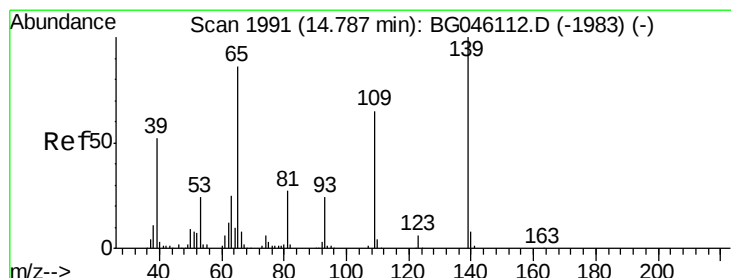
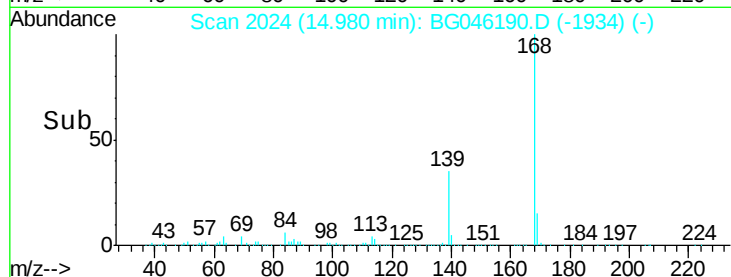
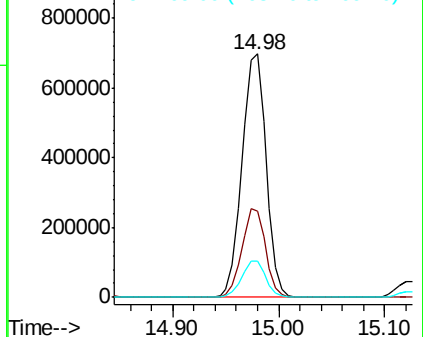
169 14.7 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 93.744 ng

RT: 14.79 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

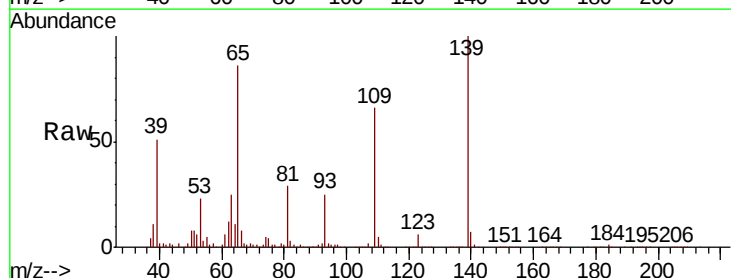
Tgt Ion:139 Resp: 411334

Ion Ratio Lower Upper

139 100

109 66.1 45.1 85.1

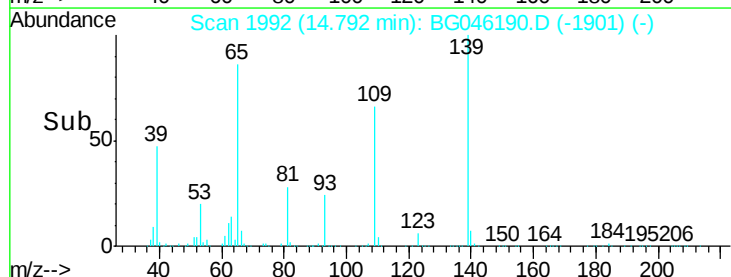
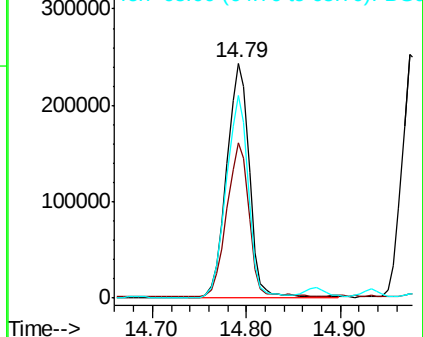
65 86.2 66.4 106.4

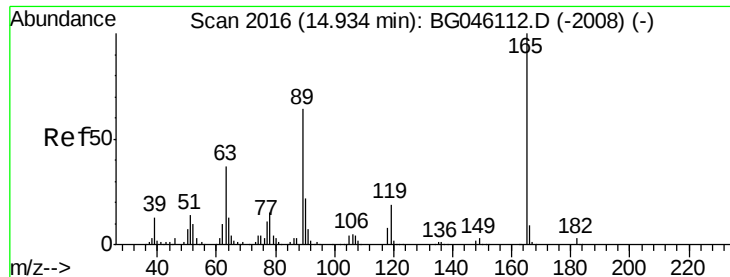


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

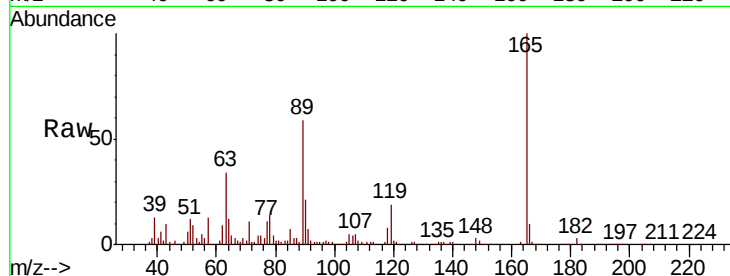




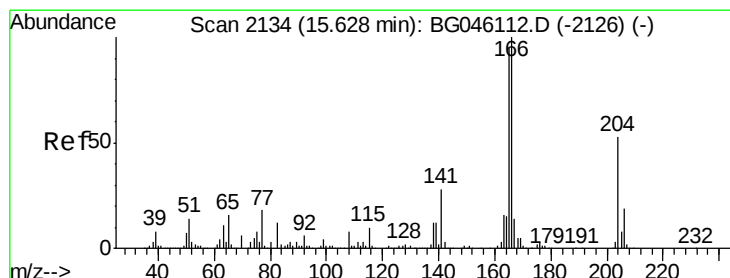
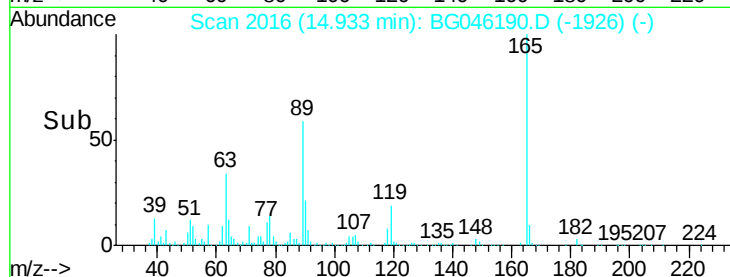
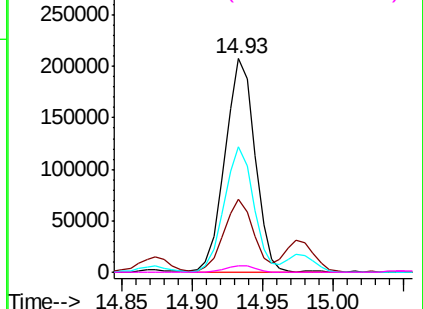
#57
 2,4-Dinitrotoluene
 Concen: 43.312 ng
 RT: 14.93 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

Tot Ion:165 Resp: 303581
 Ion Ratio Lower Upper
 165 100
 63 34.0 30.1 45.1
 89 58.6 51.4 77.2
 182 3.2 2.3 3.5

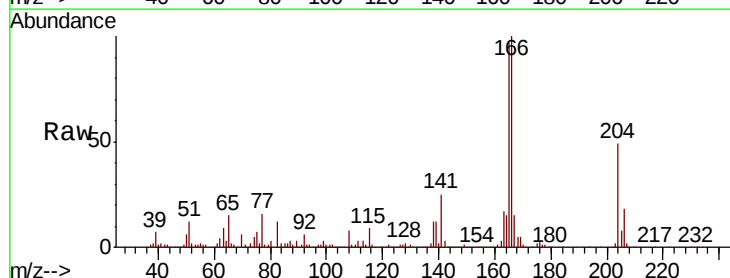


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

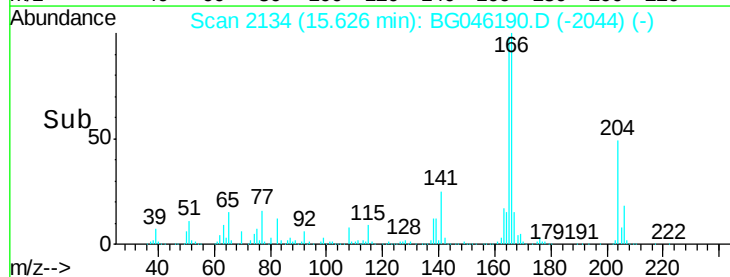
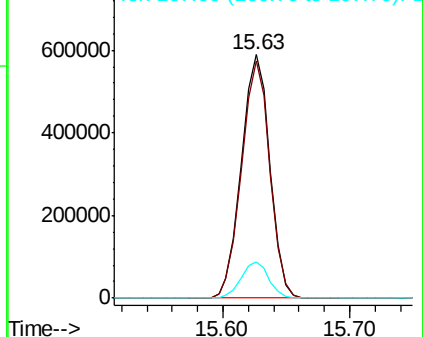


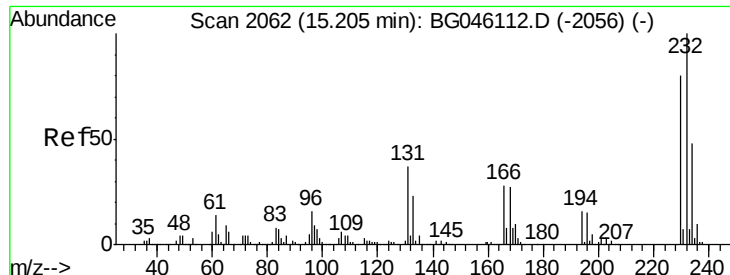
#58
 Fluorene
 Concen: 40.929 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Tgt Ion:166 Resp: 915354
 Ion Ratio Lower Upper
 166 100
 165 97.3 76.3 114.5
 167 14.7 11.0 16.6



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

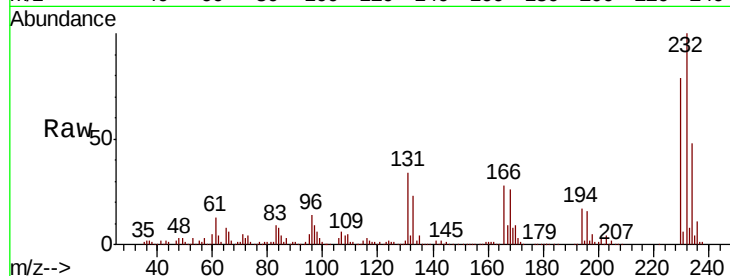




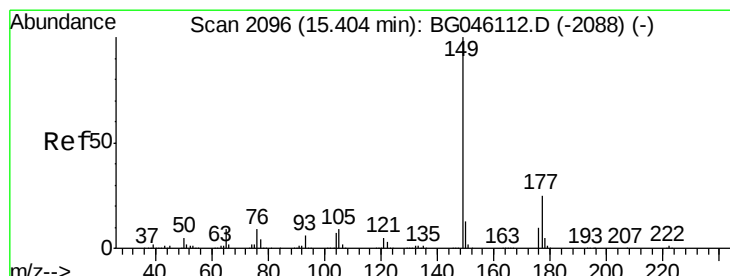
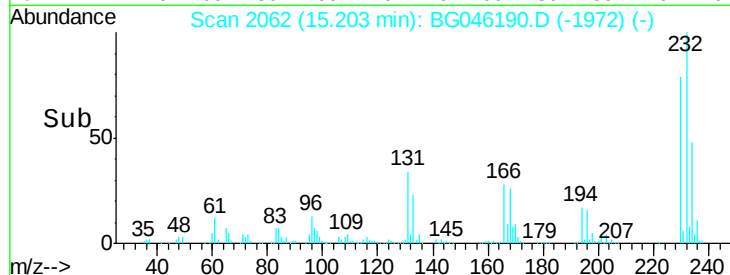
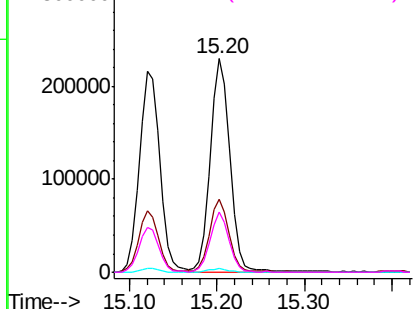
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.432 ng
RT: 15.20 min Scan# 2062
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion:232	Resp:	360257
Ion Ratio	Lower	Upper
232 100		
131 33.2	28.6	42.8
130 1.8	1.6	2.4
166 26.9	22.5	33.7

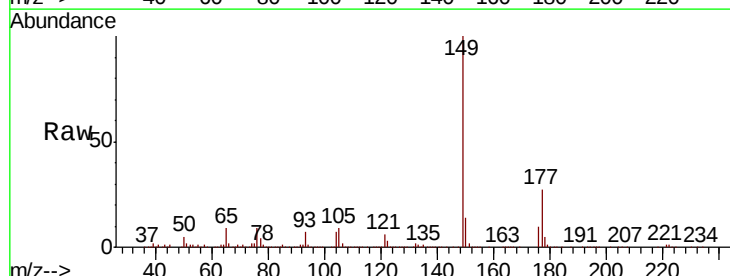


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

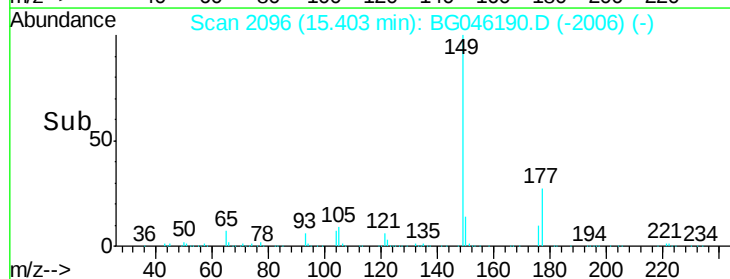
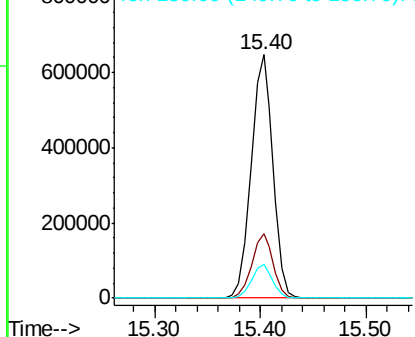


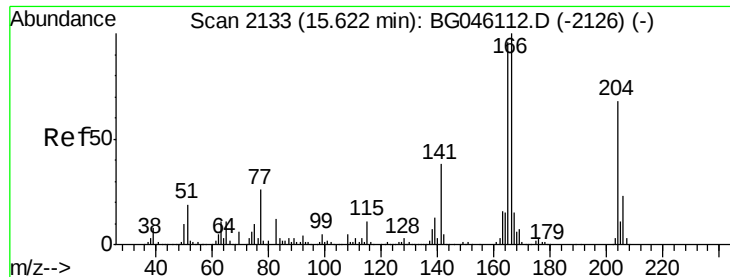
#60
Diethylphthalate
Concen: 43.017 ng
RT: 15.40 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion	149	Resp: Lower	926915 Upper
	Ratio		
149	100		
177	26.6	19.7	29.5
150	13.6	10.8	16.2



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

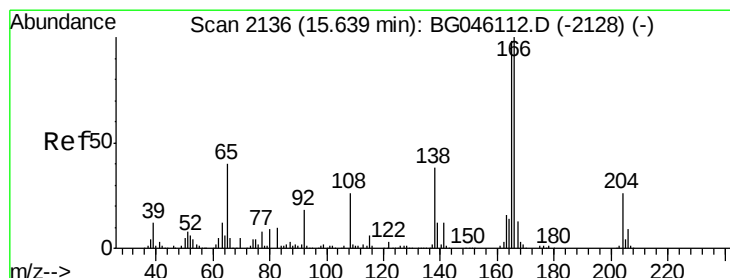
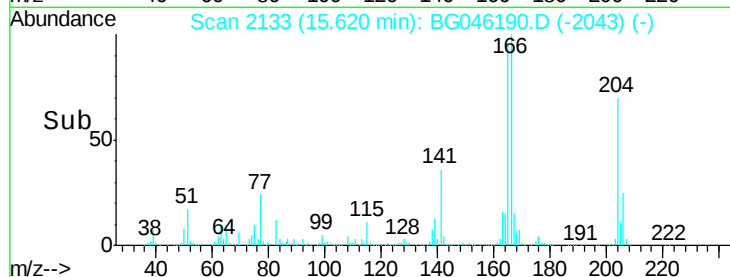
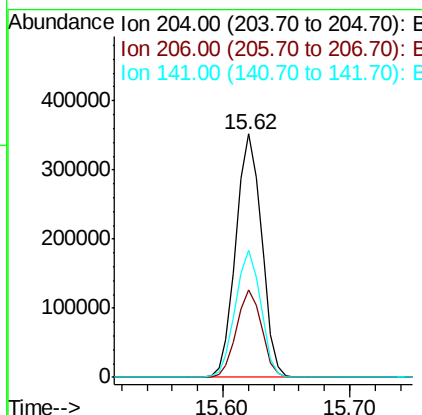
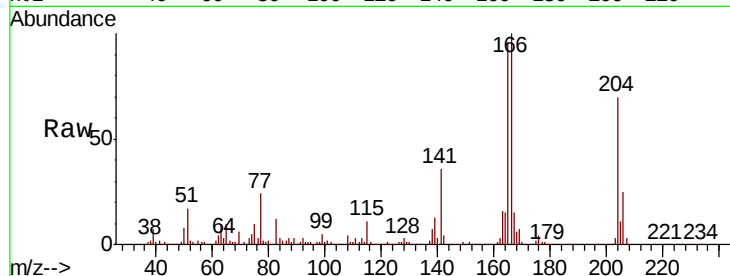




#61
 4-Chlorophenyl-phenylether
 Concen: 42.342 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

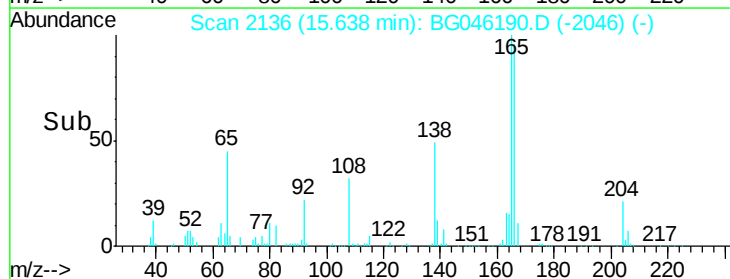
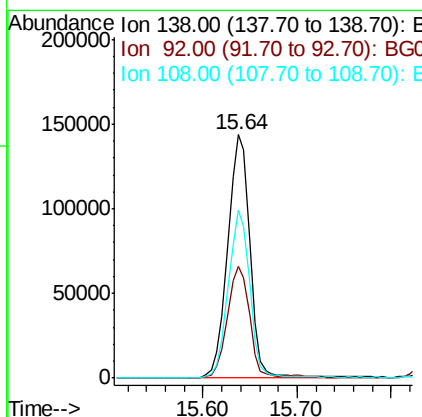
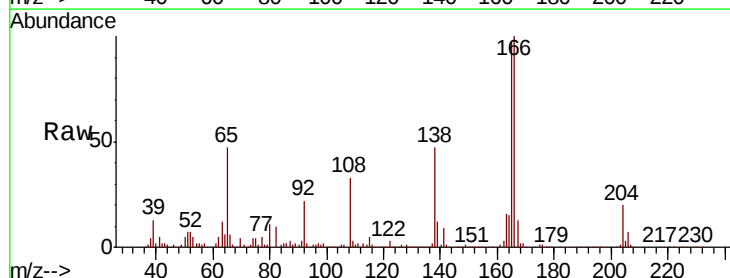
Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

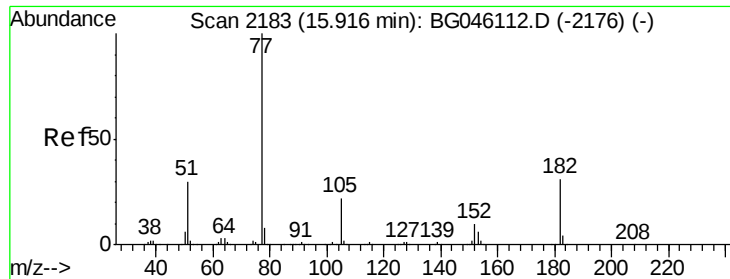
Tot Ion:204 Resp: 494590
 Ion Ratio Lower Upper
 204 100
 206 36.1 27.7 41.5
 141 52.0 44.7 67.1



#62
 4-Nitroaniline
 Concen: 46.716 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Tgt Ion:138 Resp: 237455
 Ion Ratio Lower Upper
 138 100
 92 46.2 28.3 68.3
 108 68.9 49.2 89.2

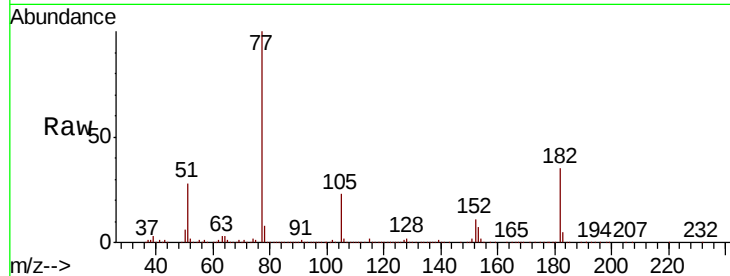




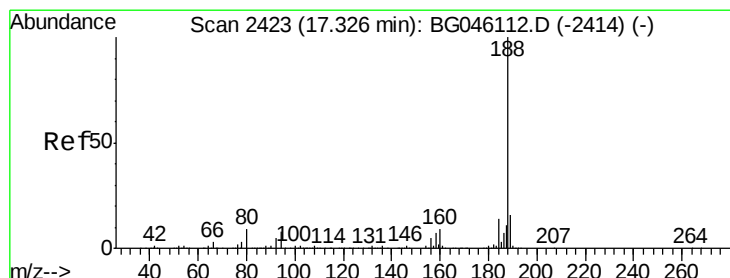
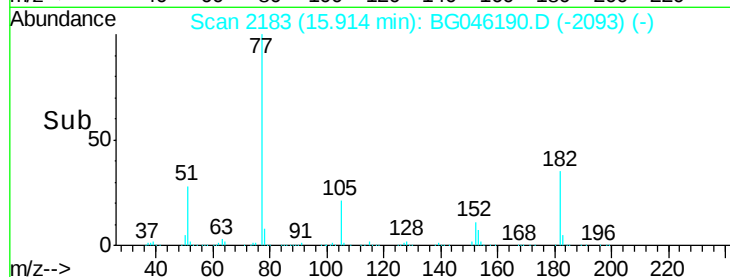
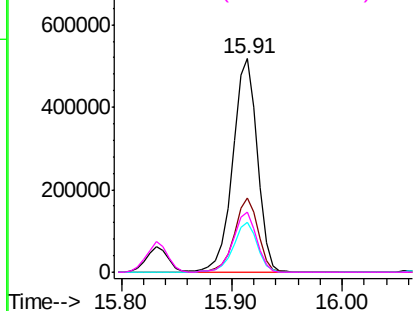
#63
Azobenzene
Concen: 39.778 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion:	77	Resp:	803291
Ion	Ratio	Lower	Upper
77	100		
182	34.7	10.7	50.7
105	23.5	1.9	41.9
51	28.2	9.5	49.5

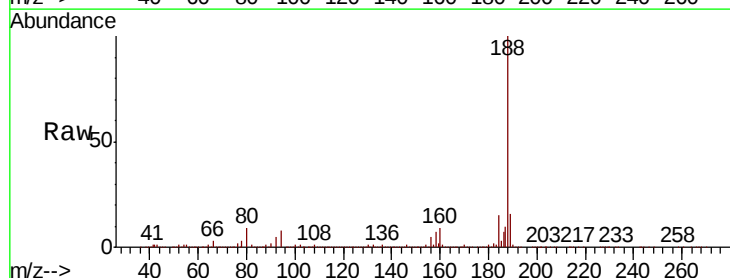


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

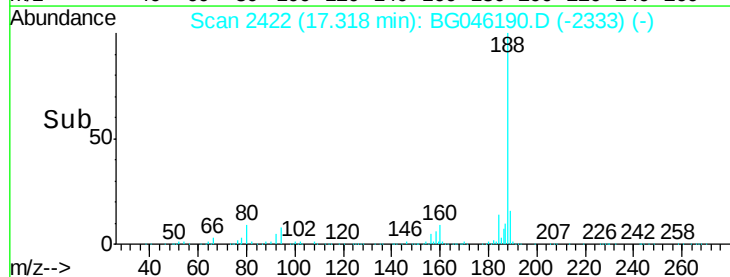
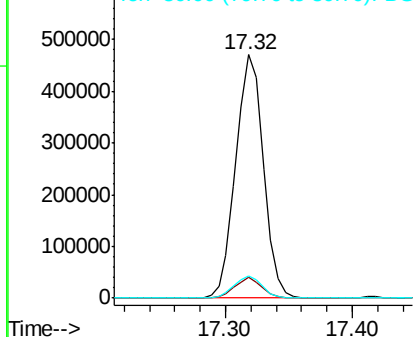


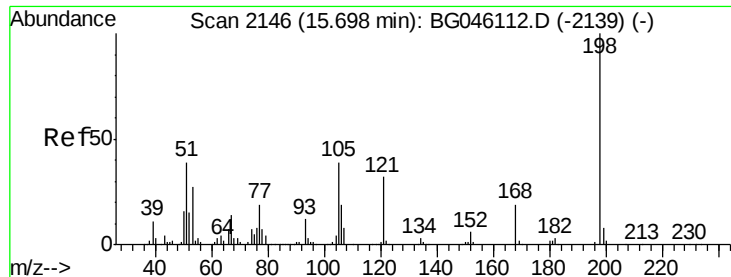
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion:	188	Resp:	708172
Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.4	9.6
80	9.2	7.4	11.0



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

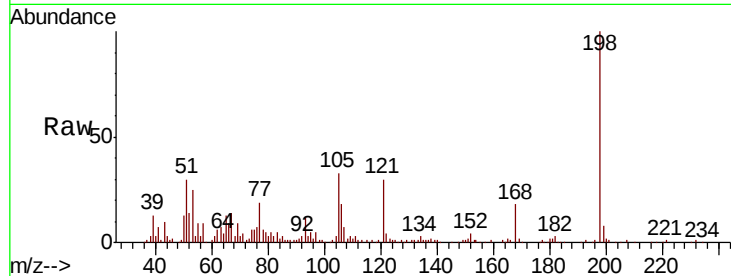




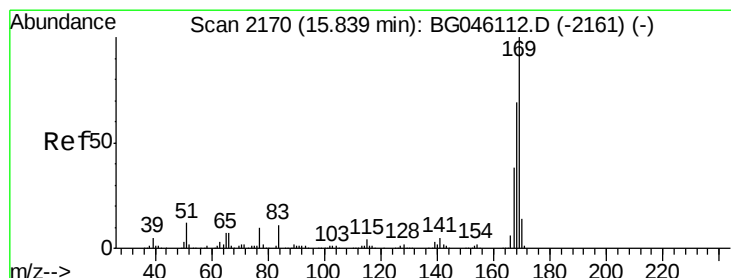
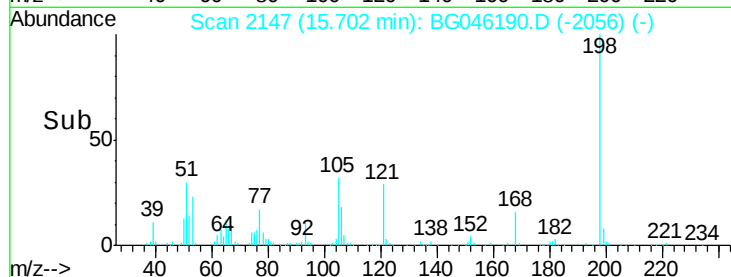
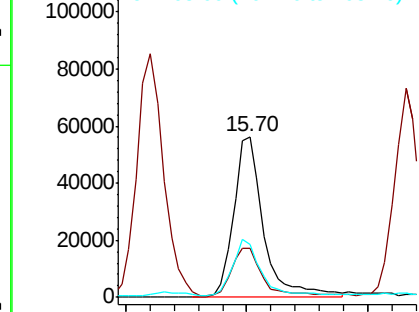
#65
4,6-Dinitro-2-methylphenol
Concen: 20.780 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion:198 Resp: 97325
Ion Ratio Lower Upper
198 100
51 30.3 20.1 60.1
105 32.6 19.2 59.2

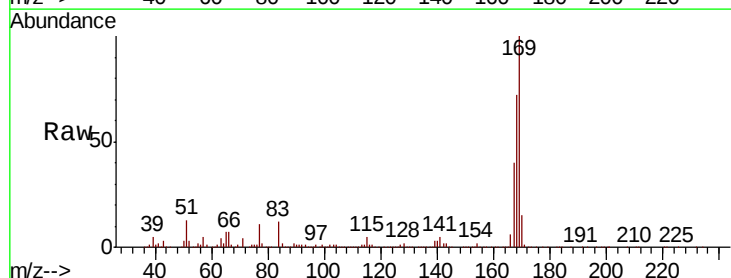


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

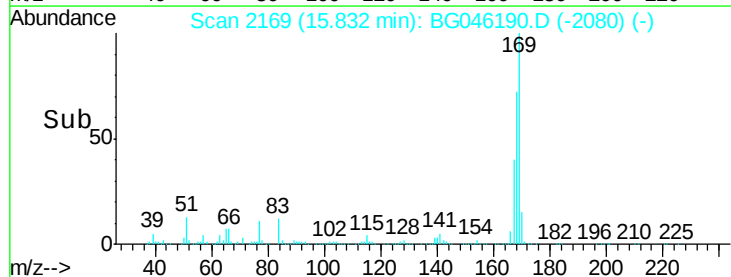
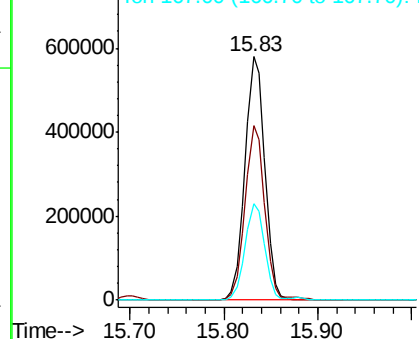


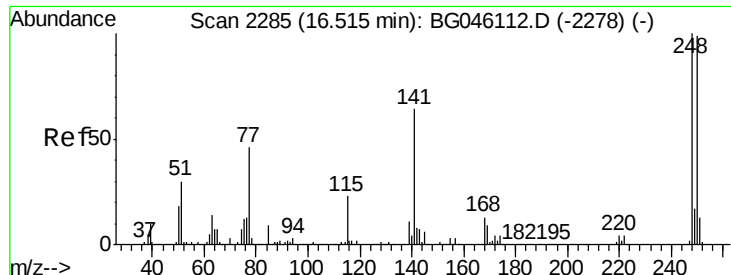
#66
n-Nitrosodiphenylamine
Concen: 39.532 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion:169 Resp: 847434
Ion Ratio Lower Upper
169 100
168 71.5 55.1 82.7
167 39.8 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

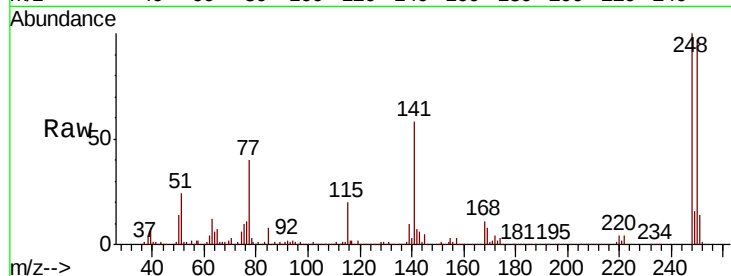




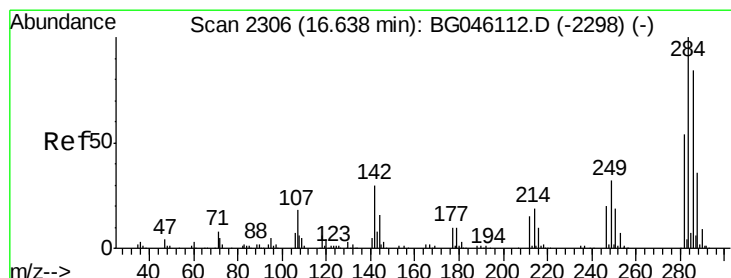
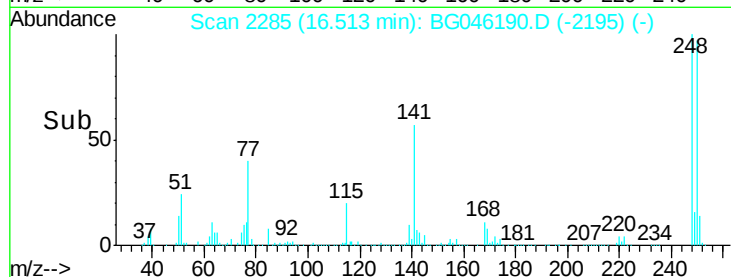
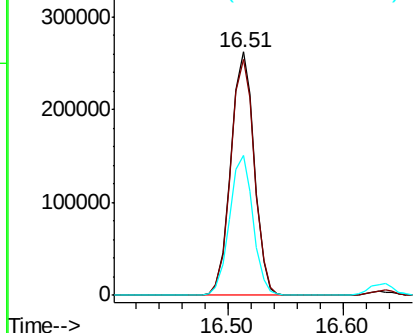
#67
4-Bromophenyl-phenylether
Concen: 41.928 ng
RT: 16.51 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion:248 Resp: 366821
Ion Ratio Lower Upper
248 100
250 96.9 79.4 119.0
141 57.6 50.9 76.3

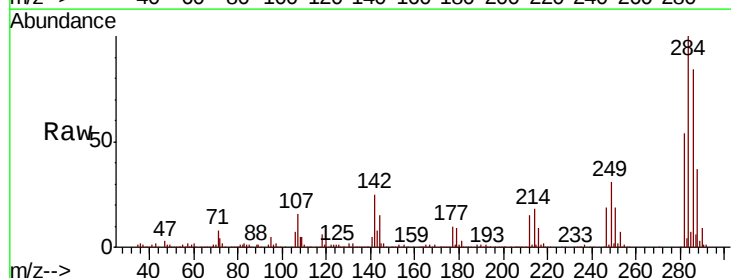


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

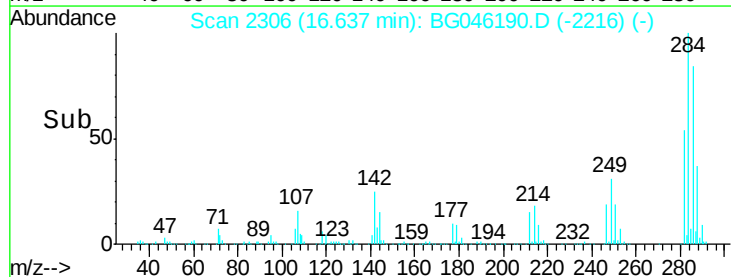
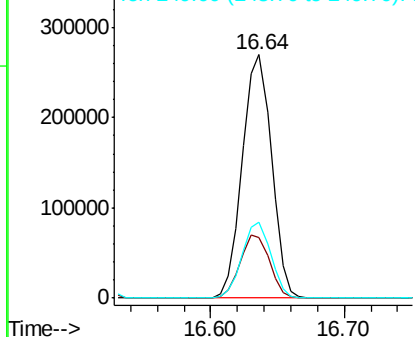


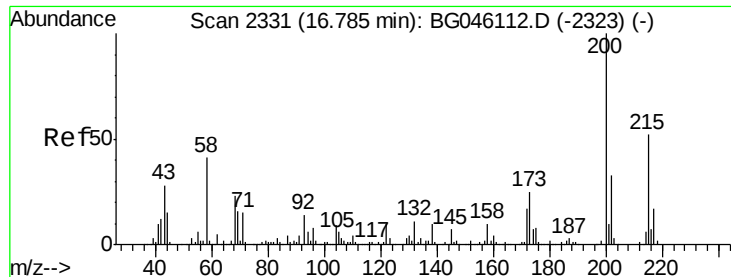
#68
Hexachlorobenzene
Concen: 41.566 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion:284 Resp: 407770
Ion Ratio Lower Upper
284 100
142 24.9 23.6 35.4
249 31.2 25.3 37.9



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

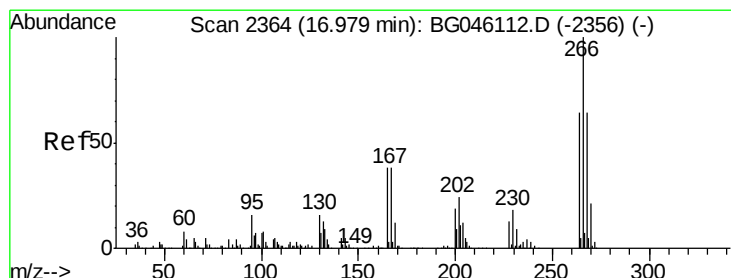
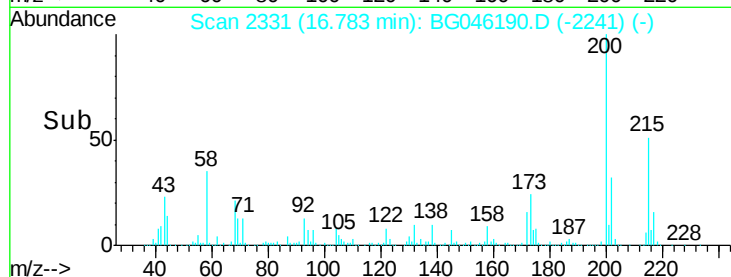
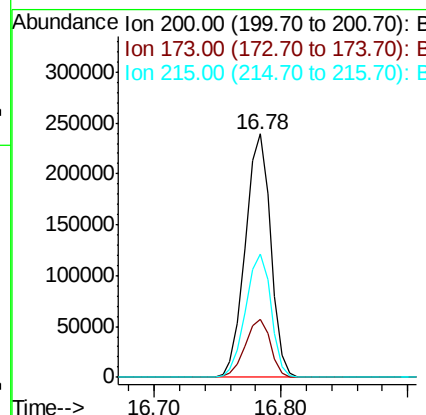
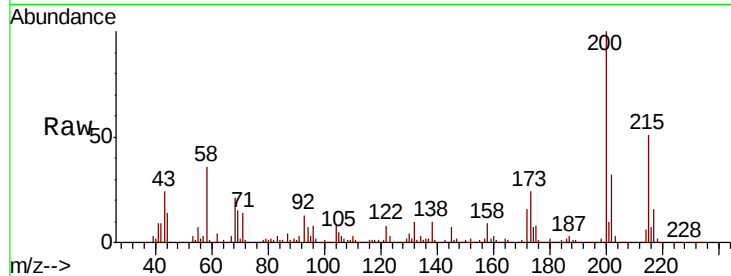




#69
 Atrazine
 Concen: 40.051 ng
 RT: 16.78 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

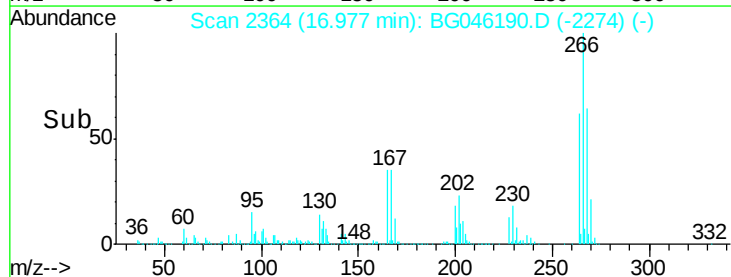
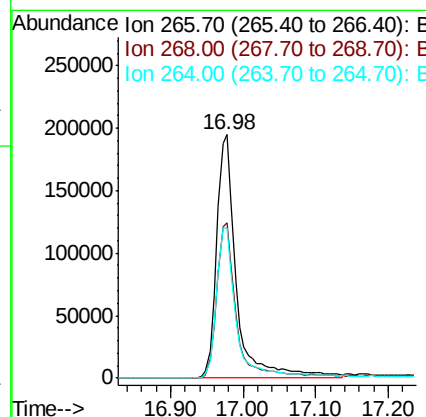
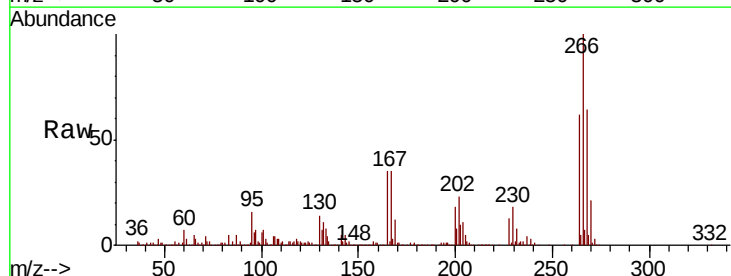
Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

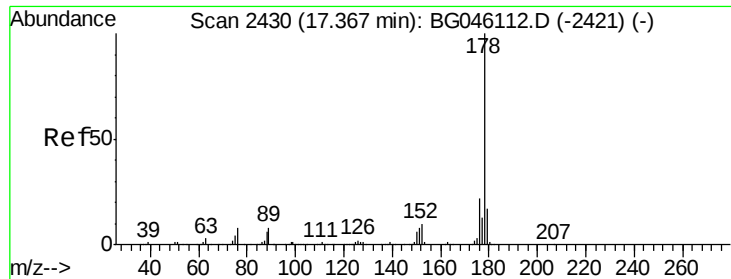
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.9	5.3	45.3
215	50.8	31.5	71.5



#70
 Pentachlorophenol
 Concen: 58.464 ng
 RT: 16.98 min Scan# 2364
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.2	76.8
264	61.9	51.1	76.7

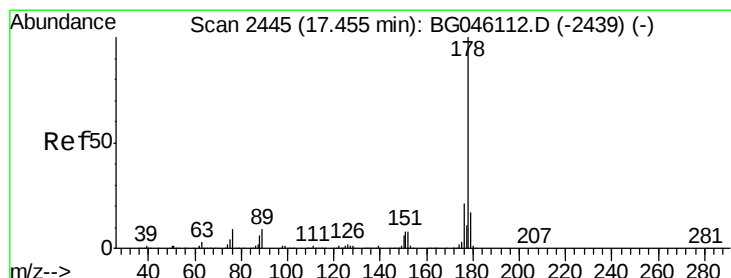
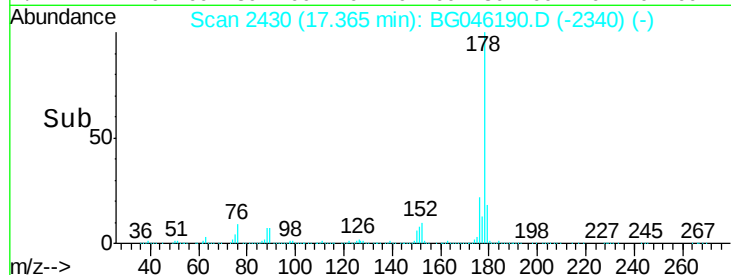
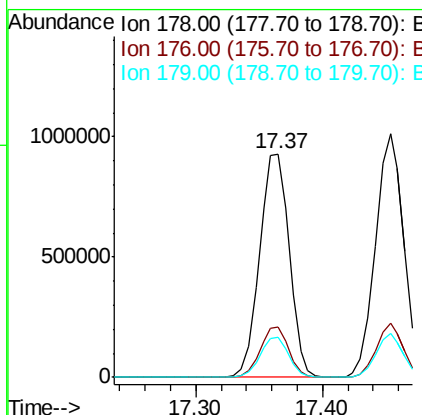
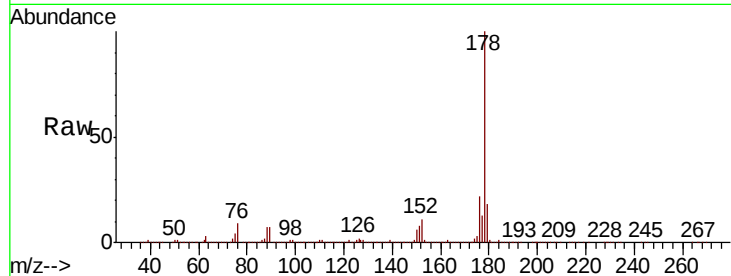




#71
Phenanthrene
Concen: 39.019 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

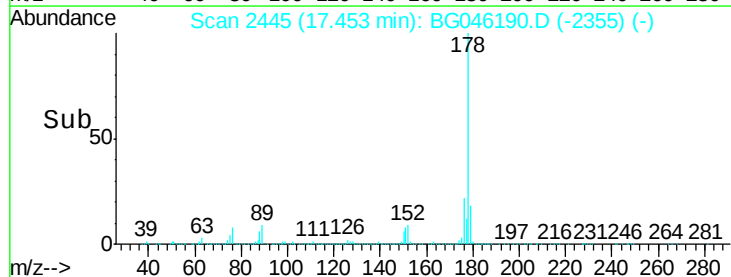
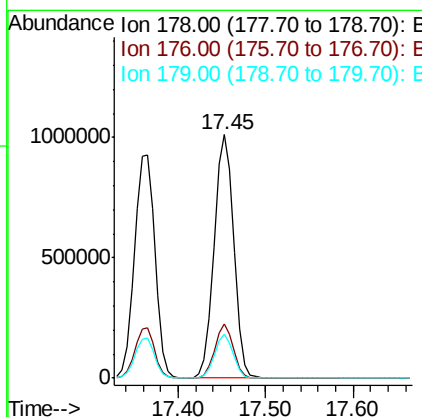
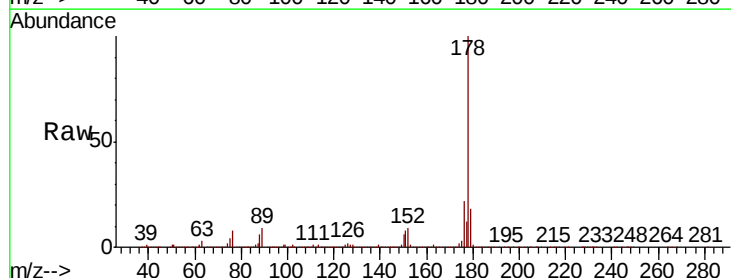
Instrument :
BNA_G
ClientSampleId :
SB-1MSD

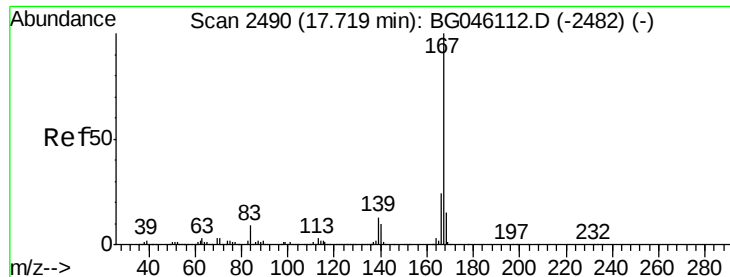
Tot Ion:178 Resp: 1513624
Ion Ratio Lower Upper
178 100
176 22.3 17.3 25.9
179 18.1 13.8 20.6



#72
Anthracene
Concen: 40.863 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion:178 Resp: 1576736
Ion Ratio Lower Upper
178 100
176 22.1 16.6 24.8
179 18.3 13.4 20.2





#73

Carbazole

Concen: 38.965 ng

RT: 17.72 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

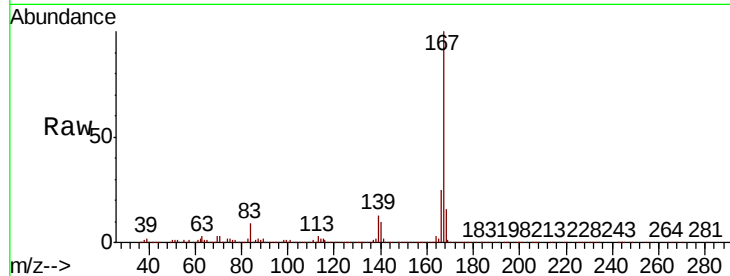
Tot Ion:167 Resp: 1449754

Ion Ratio Lower Upper

167 100

166 25.3 19.4 29.0

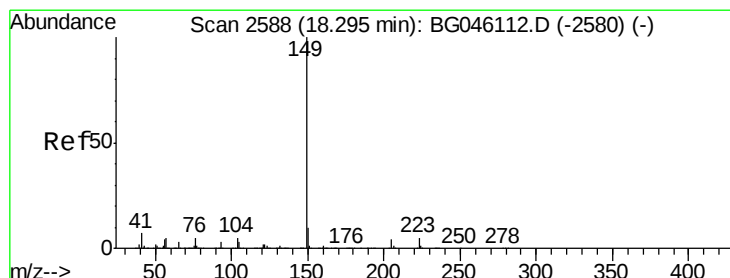
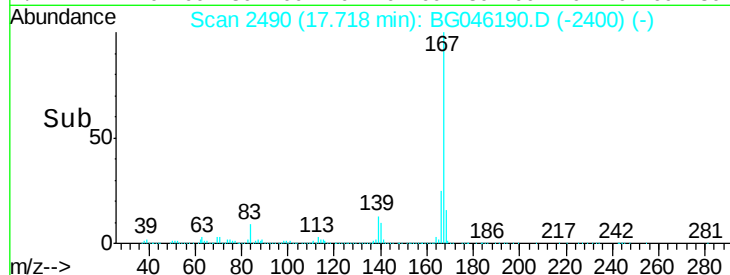
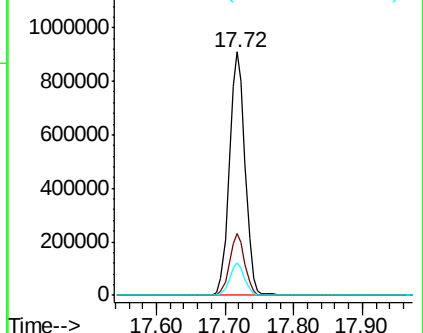
139 13.1 10.1 15.1



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: 40.906 ng

RT: 18.29 min Scan# 2587

Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

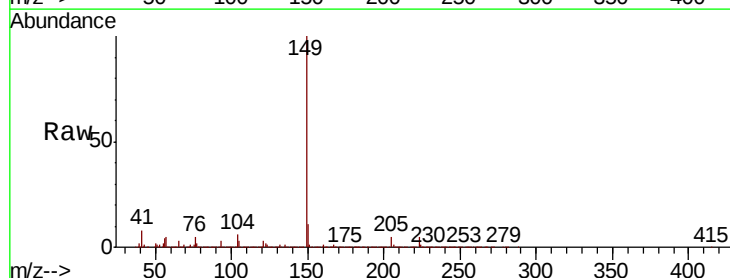
Tgt Ion:149 Resp: 1590891

Ion Ratio Lower Upper

149 100

150 11.4 8.4 12.6

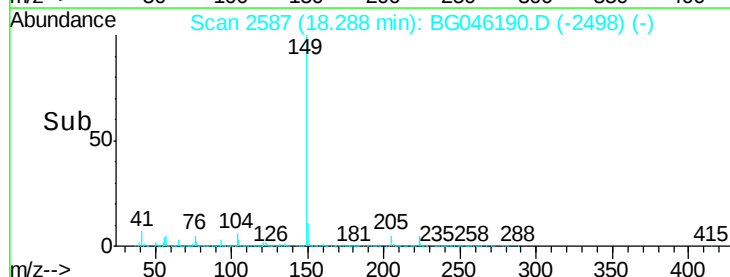
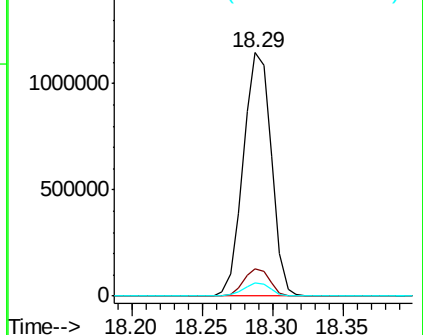
104 5.5 4.2 6.2

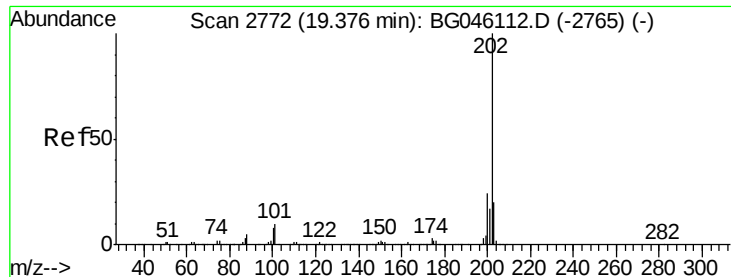


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.260 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

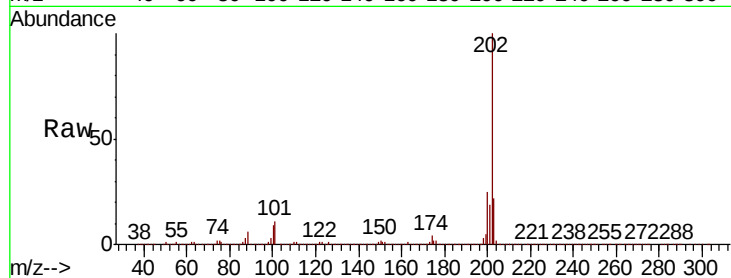
Tot Ion:202 Resp: 1804516

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.0

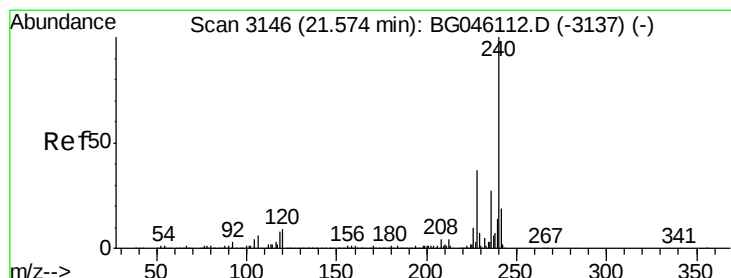
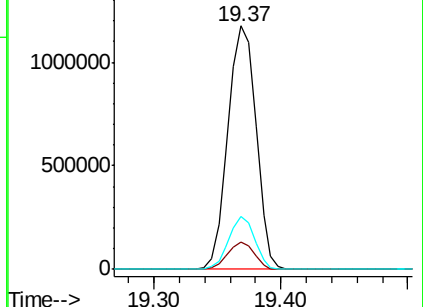
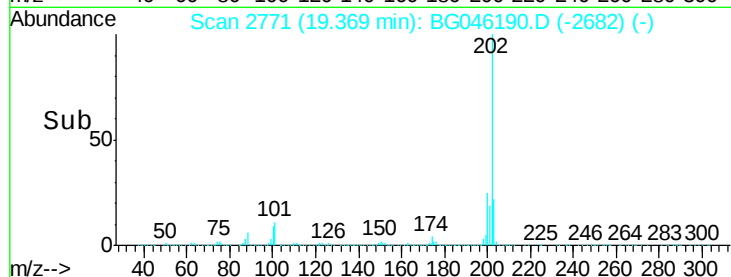
203 21.7 0.2 40.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

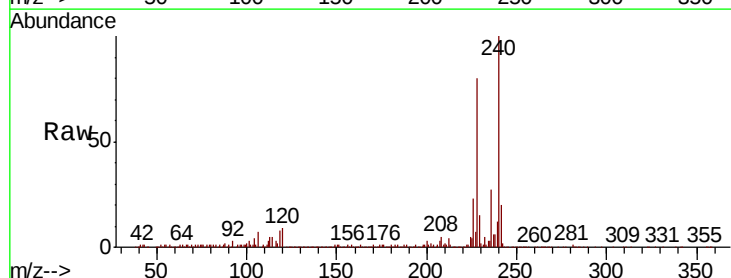
Tgt Ion:240 Resp: 721685

Ion Ratio Lower Upper

240 100

120 8.8 7.1 10.7

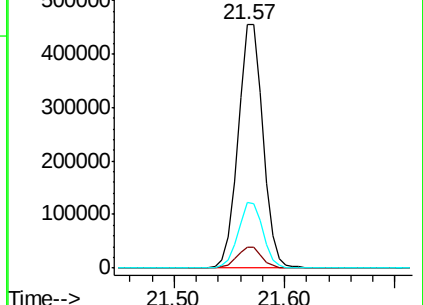
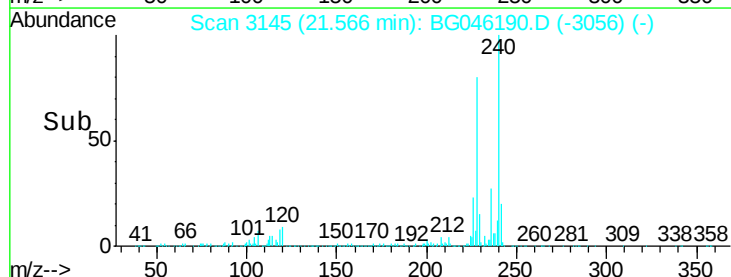
236 26.8 21.7 32.5

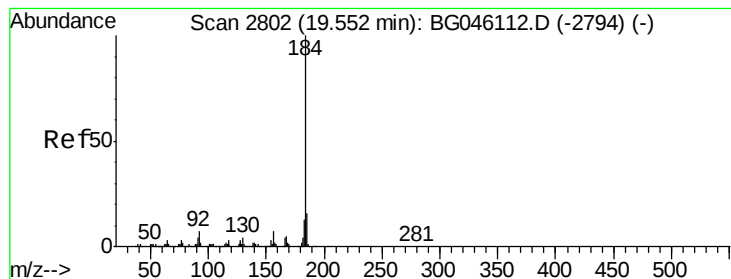


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.201 ng

RT: 19.54 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

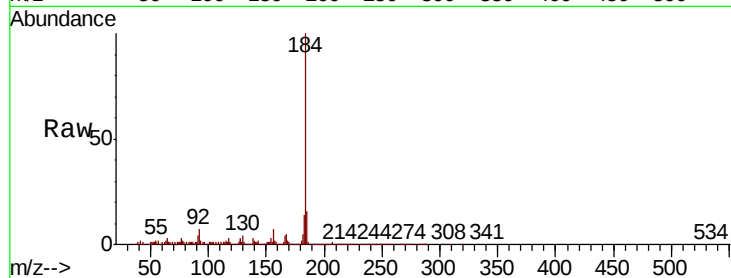
Tot Ion:184 Resp: 801349

Ion Ratio Lower Upper

184 100

185 16.1 13.0 19.4

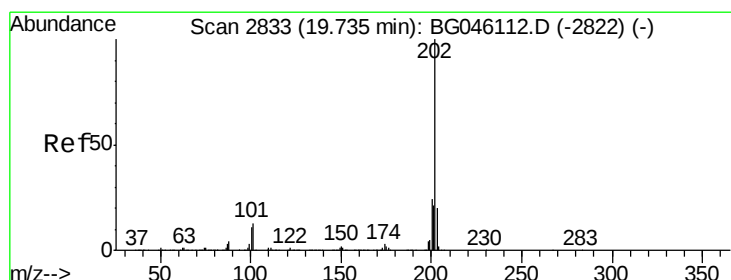
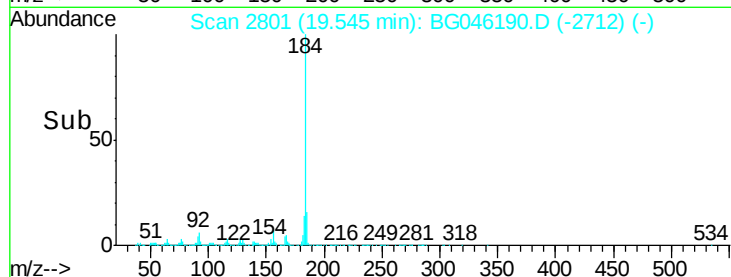
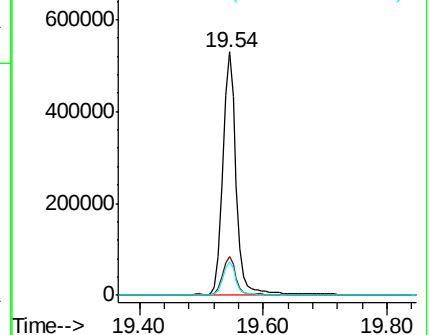
183 13.8 10.5 15.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.015 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

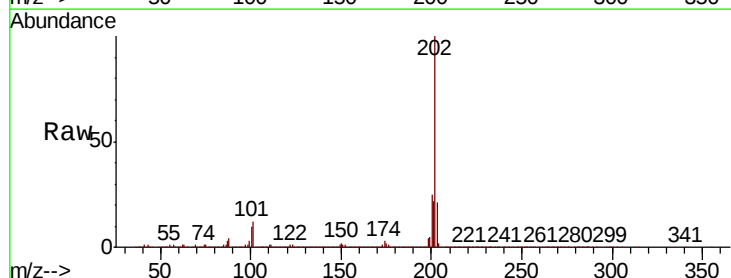
Tgt Ion:202 Resp: 1843358

Ion Ratio Lower Upper

202 100

200 25.5 19.5 29.3

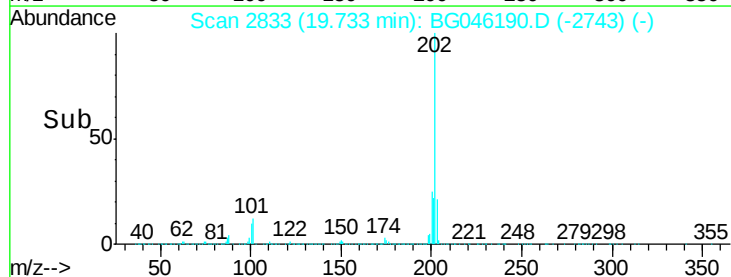
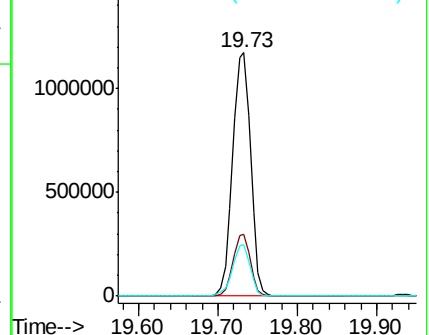
203 21.4 16.2 24.2

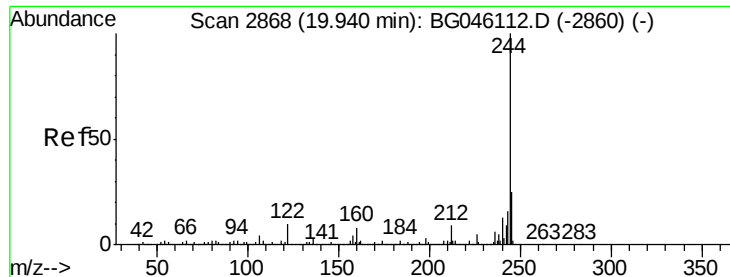


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 60.355 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

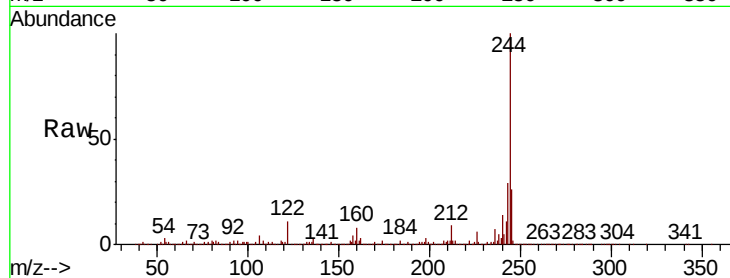
Tot Ion:244 Resp: 2138694

Ion Ratio Lower Upper

244 100

212 9.5 7.2 10.8

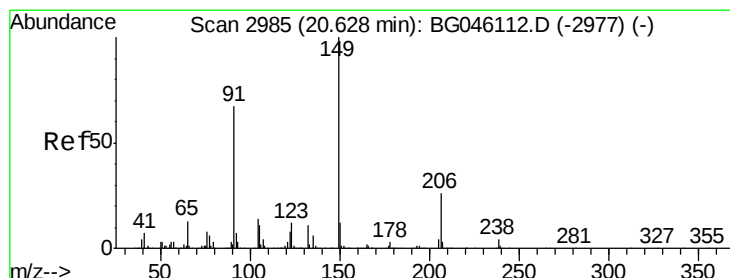
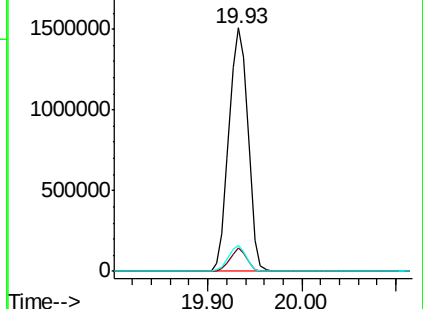
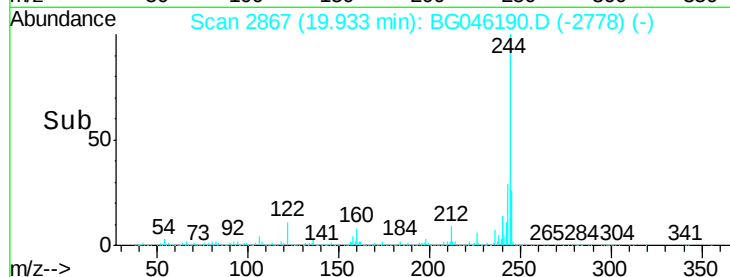
122 10.5 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.202 ng

RT: 20.63 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

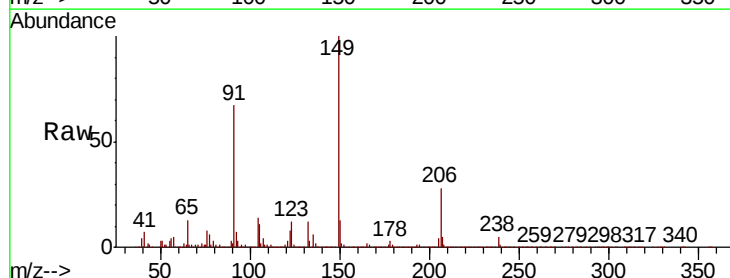
Tgt Ion:149 Resp: 741298

Ion Ratio Lower Upper

149 100

91 67.2 53.8 80.8

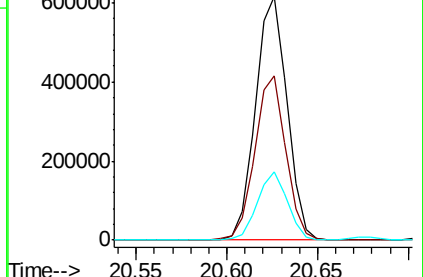
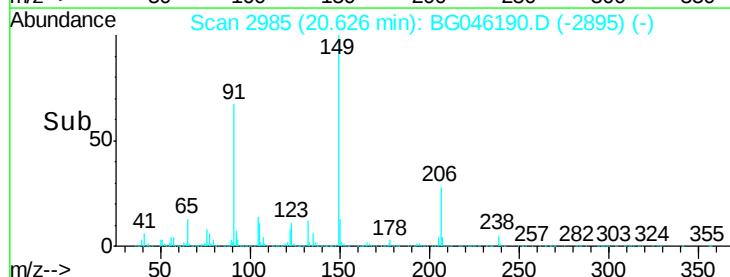
206 28.3 20.4 30.6

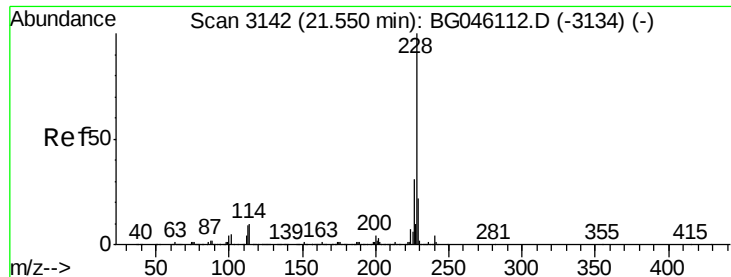


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.689 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

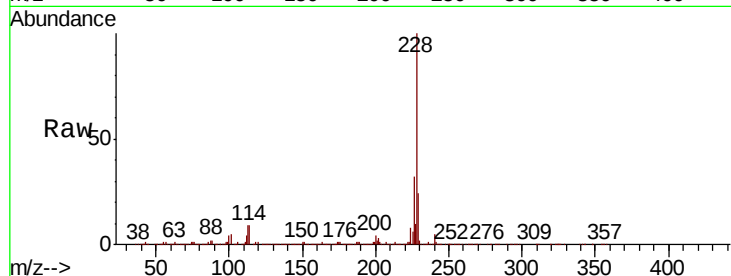
Tot Ion:228 Resp: 1868520

Ion Ratio Lower Upper

228 100

226 32.5 24.7 37.1

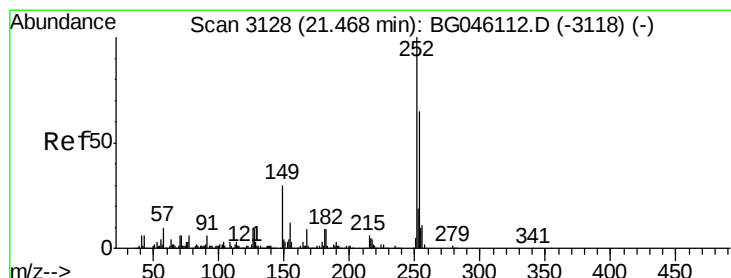
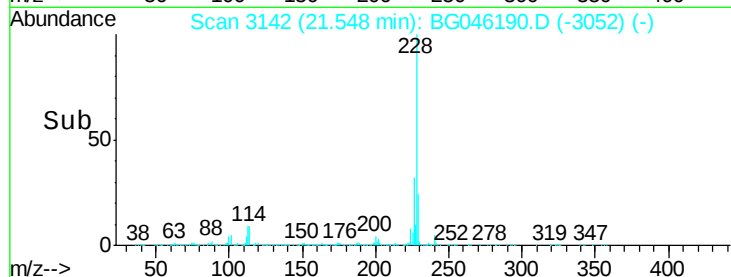
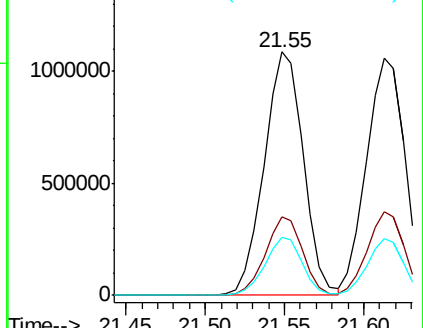
229 23.7 17.8 26.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 17.906 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

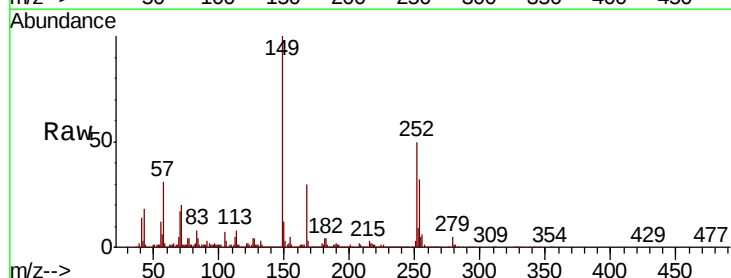
Tgt Ion:252 Resp: 359118

Ion Ratio Lower Upper

252 100

254 64.5 51.8 77.8

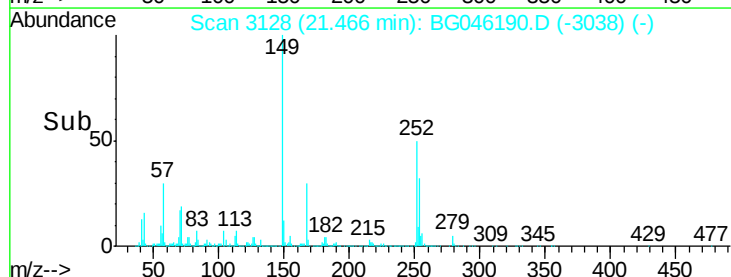
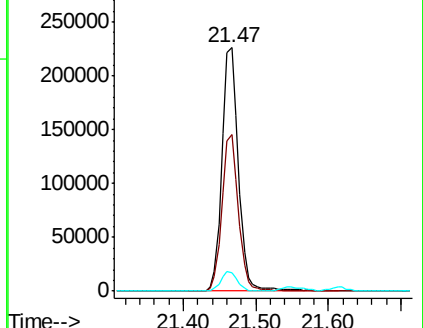
126 7.4 7.1 10.7

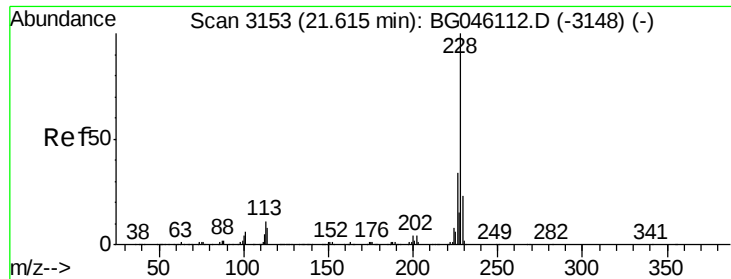


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 37.840 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

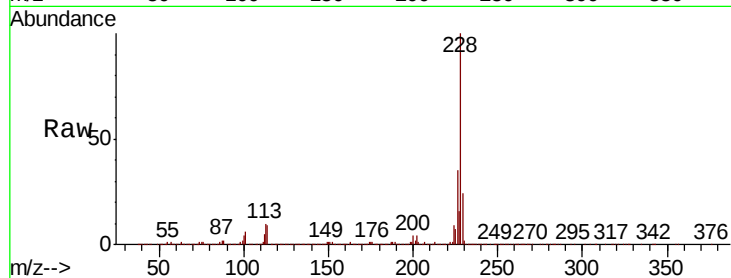
BNA_G

ClientSampleId :

SB-1MSD

Tot Ion:228 Resp: 1790241

Ion	Ratio	Lower	Upper
228	100		
226	35.3	26.9	40.3
229	23.8	18.2	27.4

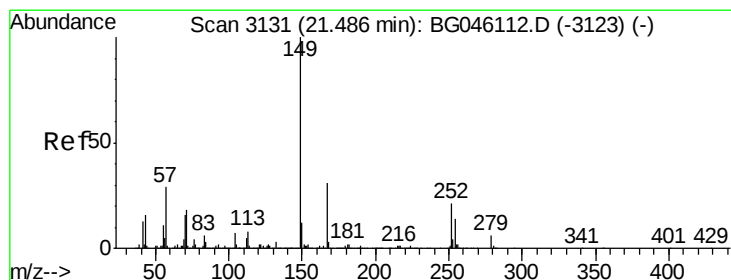
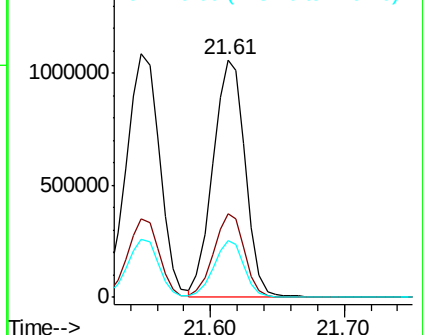
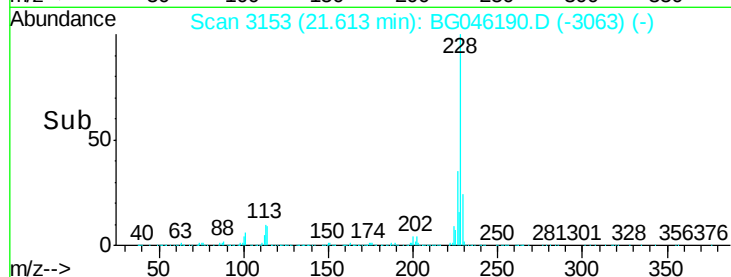


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.211 ng

RT: 21.48 min Scan# 3130

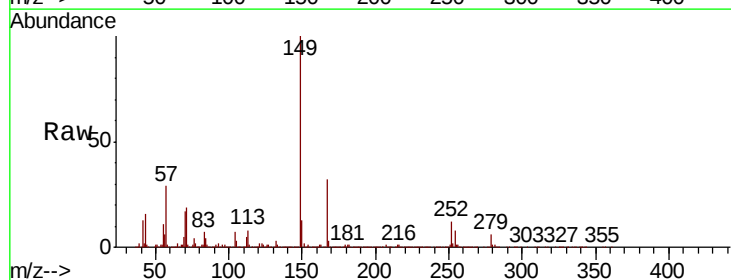
Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Tgt Ion:149 Resp: 1060042

Ion	Ratio	Lower	Upper
149	100		
167	32.2	24.8	37.2
279	6.3	4.6	6.8

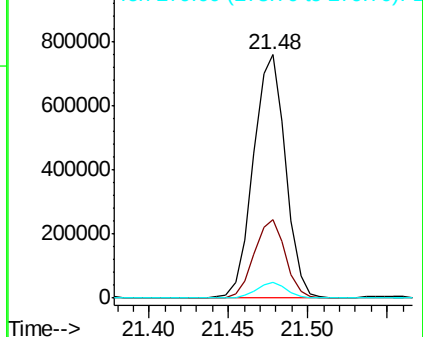
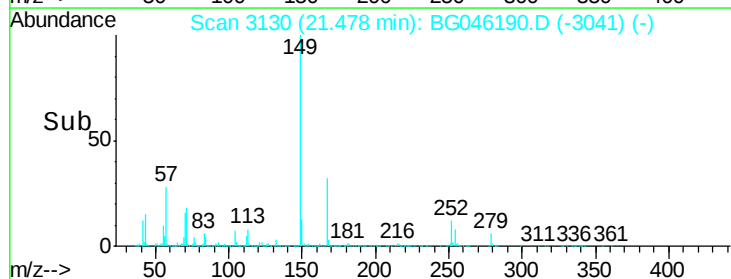


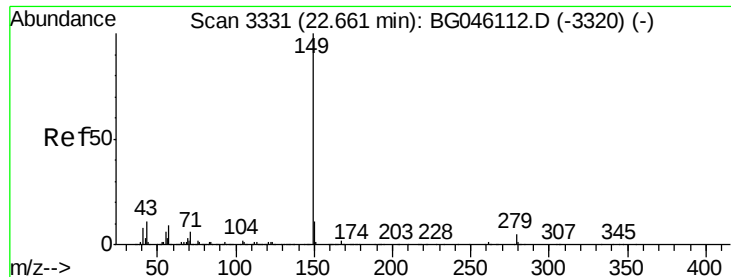
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.424 ng

RT: 22.65 min Scan# 3330

Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

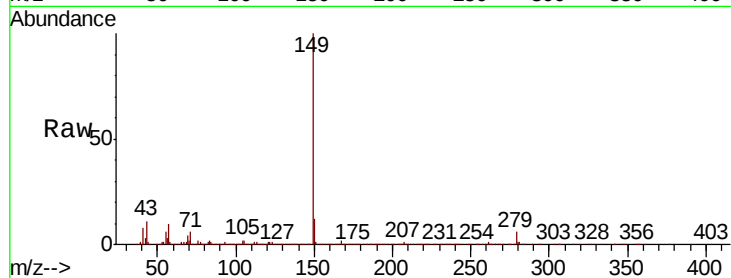
Tot Ion:149 Resp: 1846386

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

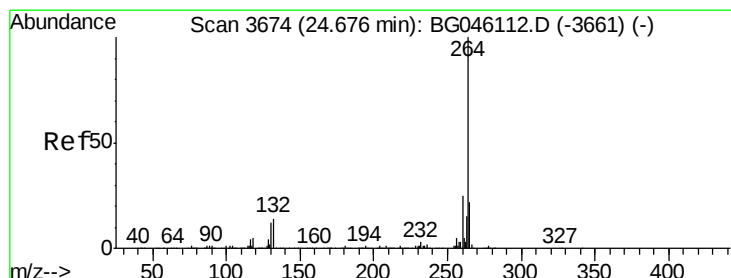
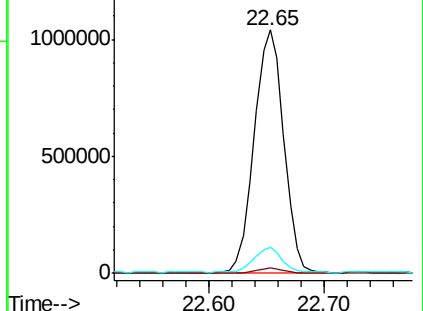
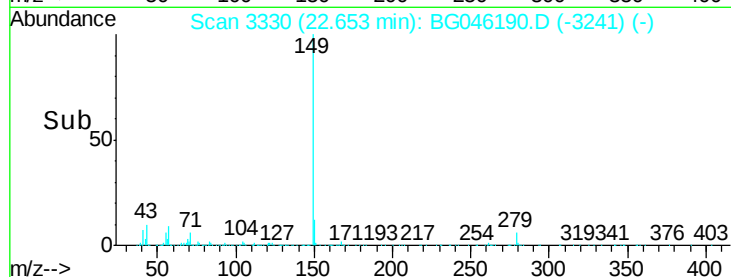
43 9.7 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

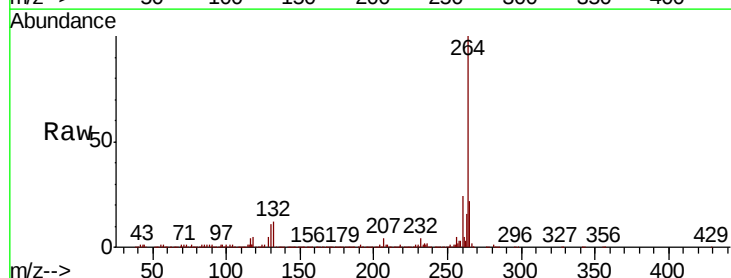
Tgt Ion:264 Resp: 803749

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

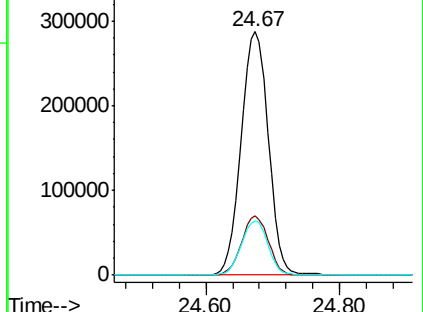
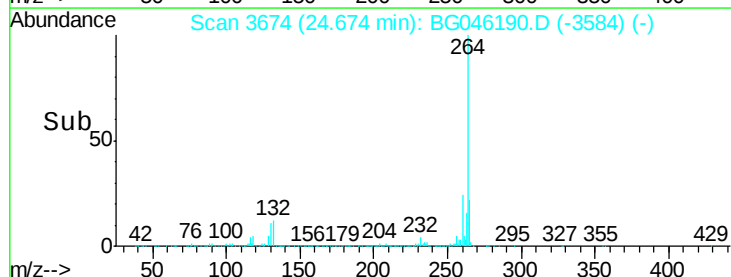
265 22.3 17.6 26.4

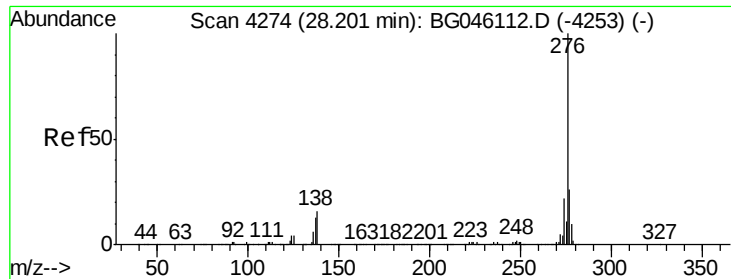


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

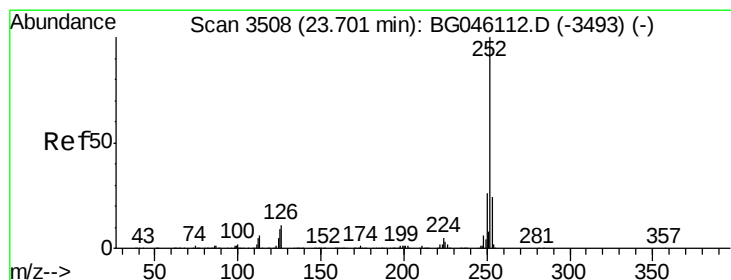
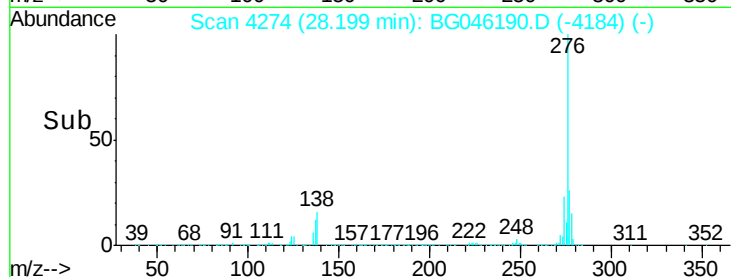
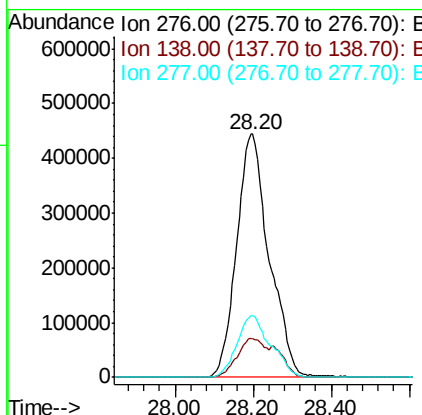
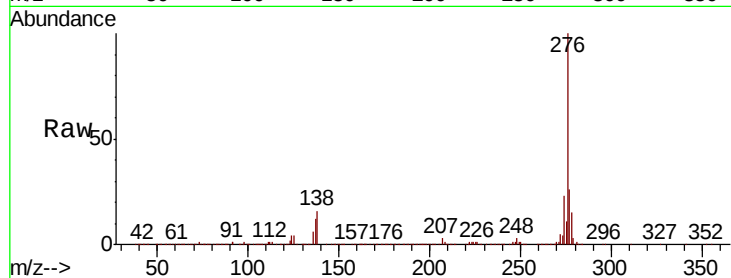




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.901 ng
 RT: 28.20 min Scan# 4274
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

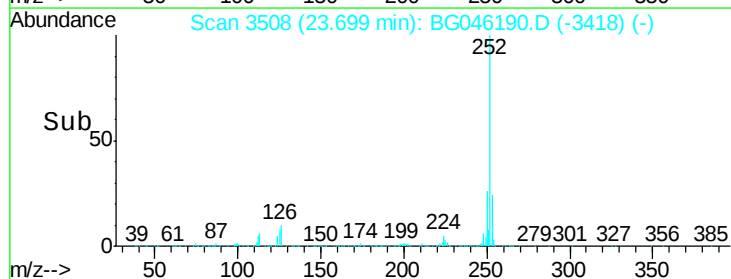
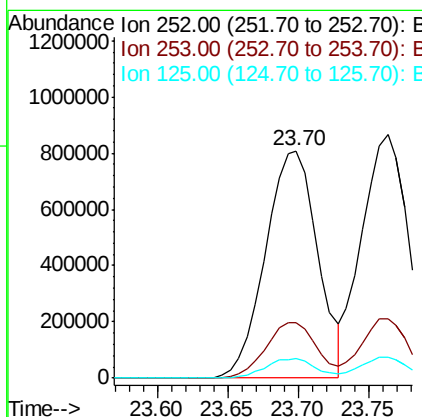
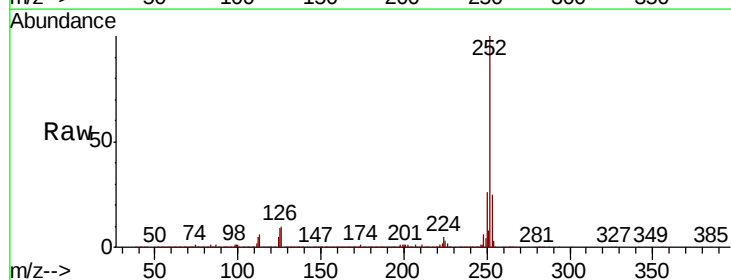
Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

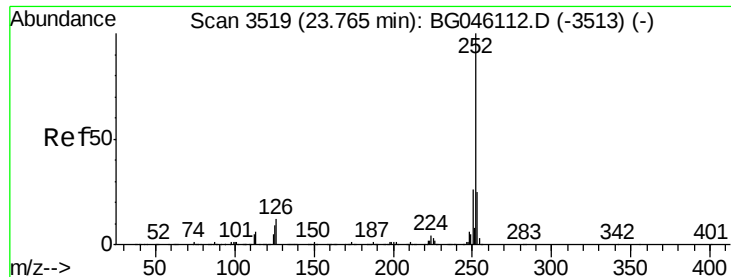
Tot Ion:276 Resp: 2568491
 Ion Ratio Lower Upper
 276 100
 138 14.0 11.6 17.4
 277 26.4 20.8 31.2



#88
 Benzo(b)fluoranthene
 Concen: 38.741 ng
 RT: 23.70 min Scan# 3508
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Tgt Ion:252 Resp: 2086645
 Ion Ratio Lower Upper
 252 100
 253 24.5 19.2 28.8
 125 8.5 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 38.017 ng

RT: 23.76 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

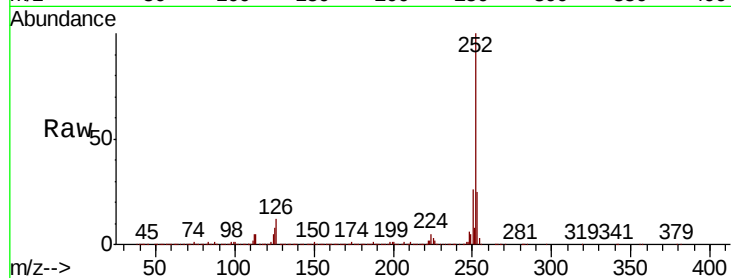
Tot Ion:252 Resp: 2008390

Ion Ratio Lower Upper

252 100

253 24.6 19.5 29.3

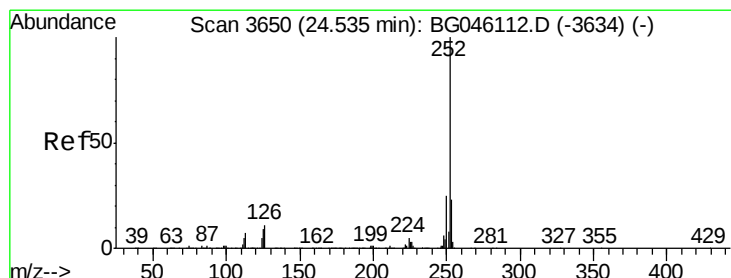
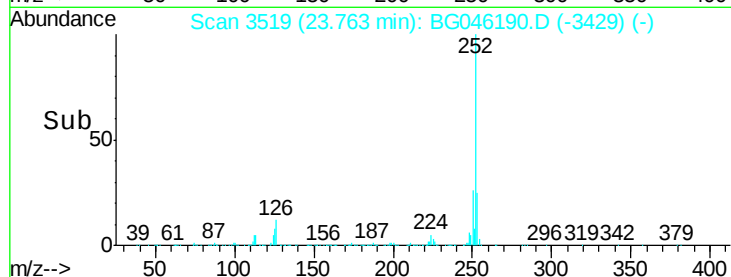
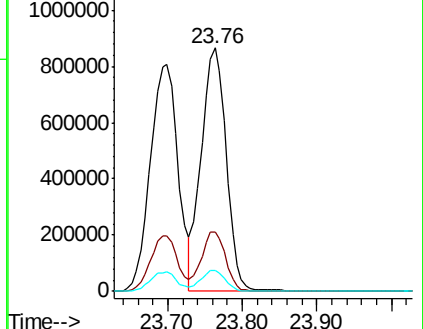
125 8.4 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.783 ng

RT: 24.53 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

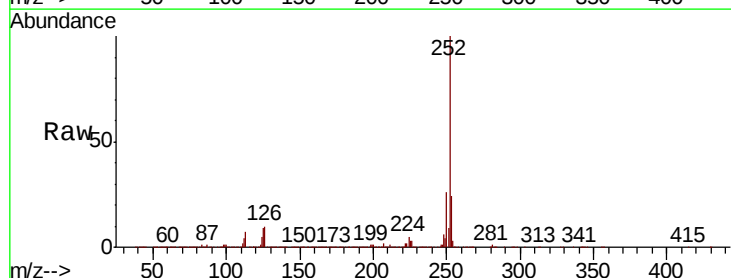
Tgt Ion:252 Resp: 1943788

Ion Ratio Lower Upper

252 100

253 24.4 18.6 27.8

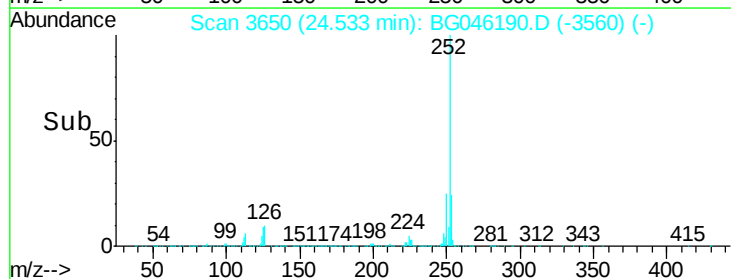
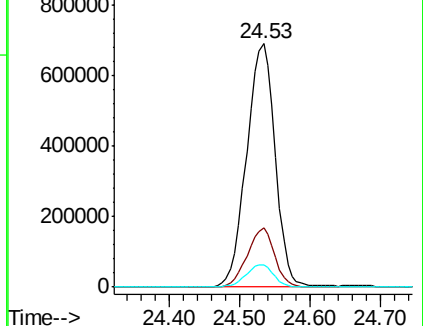
125 8.9 7.1 10.7

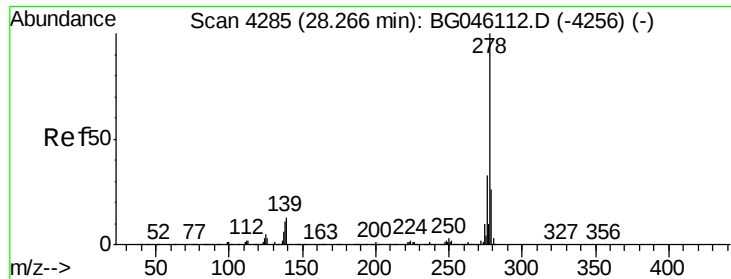


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

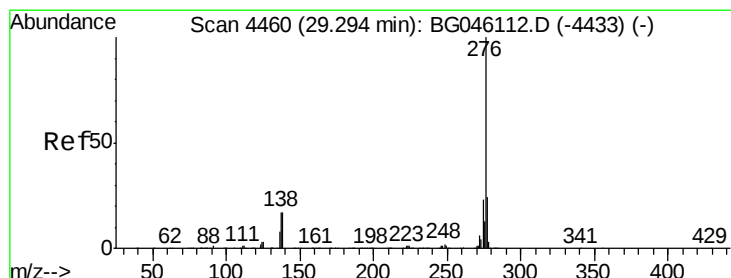
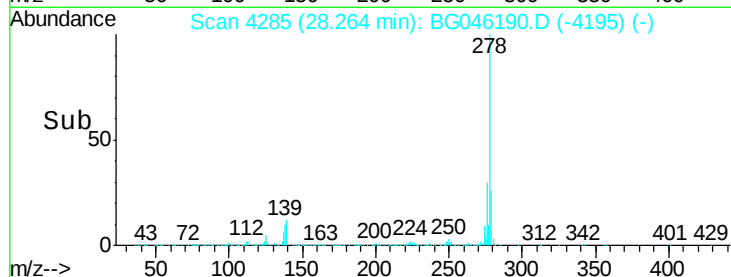
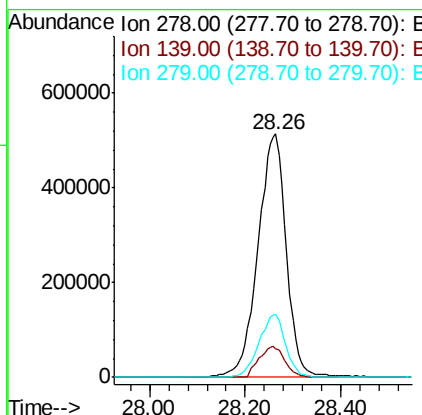
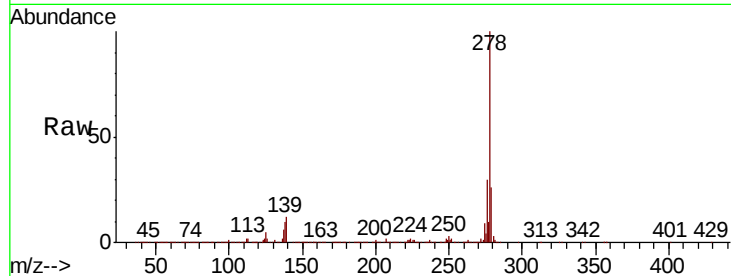




#91
Dibenzo(a,h)anthracene
Concen: 41.003 ng
RT: 28.26 min Scan# 4285
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion:278 Resp: 2101115
Ion Ratio Lower Upper
278 100
139 11.9 10.8 16.2
279 26.0 20.5 30.7



#92
Benzo(g,h,i)perylene
Concen: 41.821 ng
RT: 29.29 min Scan# 4460
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion:276 Resp: 2164311
Ion Ratio Lower Upper
276 100
277 25.7 19.5 29.3
138 17.8 13.8 20.6

