

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
 Data File : BM021492.D
 Acq On : 17 Jul 2019 16:26
 Operator : HP/JU
 Sample : K3772-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52T9

Quant Time: Jul 17 17:16:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 08 17:45:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	233582	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.51	136	948162	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.37	164	548566	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.12	188	1179716	20.00	ng/ul	-0.01
77) Chrysene-d12	21.32	240	1077411	20.00	ng/ul	0.00
85) Perylene-d12	23.58	264	1204675	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	45832	9.66	ng/uL	0.00
5) Phenol-d5	6.90	99	563282	31.01	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.07	67	329019	30.55	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.26	132	477226	30.53	ng/ul	-0.01
13) 4-Methylphenol-d8	8.44	113	466811	32.27	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	236280	30.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	265505	30.06	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.13	165	528244	29.99	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.66	131	464028	29.14	ng/ul	-0.01
43) Dimethylphthalate-d6	13.79	166	1461447	30.42	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1719511	28.50	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.59	143	221220	29.06	ng/ul	-0.01
57) Fluorene-d10	15.37	176	1267265	29.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	259750	32.75	ng/ul	0.00
70) Anthracene-d10	17.22	188	1874975	30.60	ng/ul	0.00
78) Pyrene-d10	19.52	212	2002672	33.87	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.43	264	2196961	31.71	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.93	94	318385	18.315	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.16	93	734896	54.676	ng/ul 97
11) 2-Methylphenol	8.17	108	729673	55.084	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.55	70	633737	58.002	ng/ul 98
16) 4-Methylphenol	8.50	108	794344	56.560	ng/ul 83
17) Hexachloroethane	8.79	117	231818	35.288	ng/ul 99
21) Isophorone	9.45	82	1109728	35.790	ng/ul 99
24) 2,4-Dimethylphenol	9.69	107	665849	38.913	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.93	93	828984	42.863	ng/ul 98
27) 2,4-Dichlorophenol	10.16	162	229756	14.260	ng/ul 98
28) Naphthalene	10.56	128	1029596	20.865	ng/ul 99
31) Hexachlorobutadiene	10.83	225	645551	54.214	ng/ul 100
32) Caprolactam	11.49	113	141142	33.568	ng/ul 96
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	770428	36.112	ng/ul 99
37) Hexachlorocyclopentadiene	12.51	237	360243	33.192	ng/ul 99
39) 2,4,5-Trichlorophenol	12.87	196	502327	37.328	ng/ul 97
41) 2-Chloronaphthalene	13.24	162	657855	17.879	ng/ul 99
44) Dimethylphthalate	13.83	163	799983	17.882	ng/ul 99
47) Acenaphthylene	14.09	152	1099722	20.954	ng/ul 100
48) 3-Nitroaniline	14.30	138	354903	48.428	ng/ul 97
49) Acenaphthene	14.43	153	1159469	30.404	ng/ul 100
50) 2,4-Dinitrophenol	14.51	184	217413	44.376	ng/ul 99
53) Dibenzofuran	14.77	168	955369	17.294	ng/ul 99

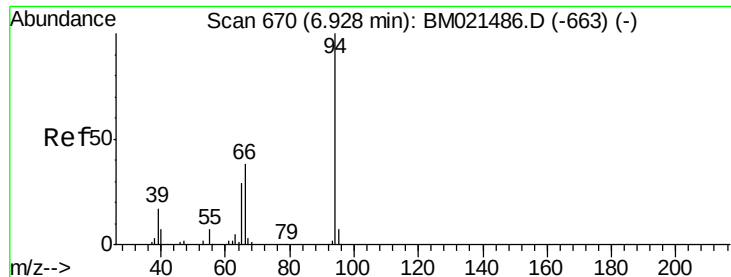
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Fluorene	15.42	166	320399	7.169	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.42	204	700996	28.065	ng/ul	99
60) 4-Nitroaniline	15.47	138	461175	61.289	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.52	198	538616	68.270	ng/ul#	97
68) Pentachlorophenol	16.77	266	786258	85.954	ng/ul	99
71) Anthracene	17.26	178	1985557	29.327	ng/ul	100
74) Carbazole	17.53	167	1989024	35.395	ng/ul	99
76) Fluoranthene	19.18	202	1291313	16.348	ng/ul	99
80) Butylbenzylphthalate	20.45	149	539582	21.362	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.22	149	778123	20.943	ng/ul	99
84) Chrysene	21.35	228	2139565	30.846	ng/ul	99
88) Benzo(k)fluoranthene	22.94	252	2789748	37.308	ng/ul	99
90) Benzo(a)pyrene	23.48	252	2660458	36.691	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.85	276	1247218	13.925	ng/ul	95

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



#6

Phenol

Concen: 18.315 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

Instrument :

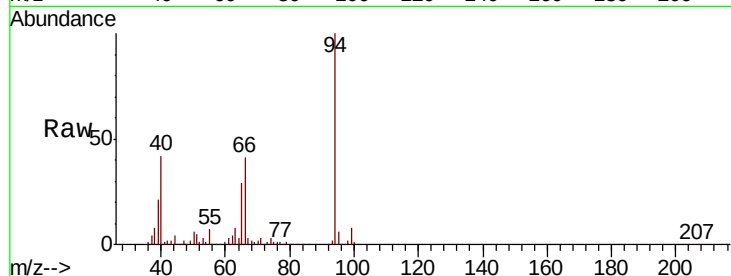
BNA_M

ClientSampleId :

A52T9

Tot Ion: 94 Resp: 318385

Ion	Ratio	Lower	Upper
94	100		
65	28.8	23.0	34.6
66	41.0	31.6	47.4

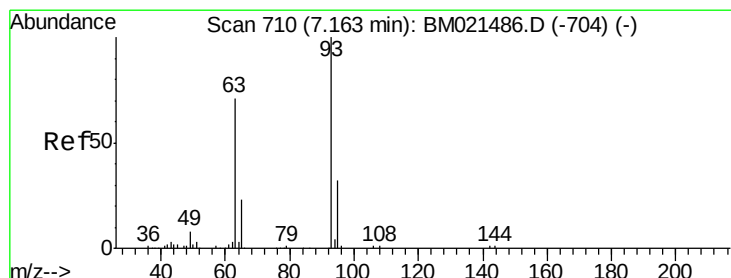
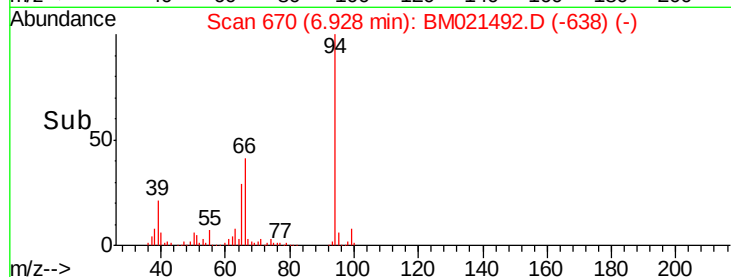
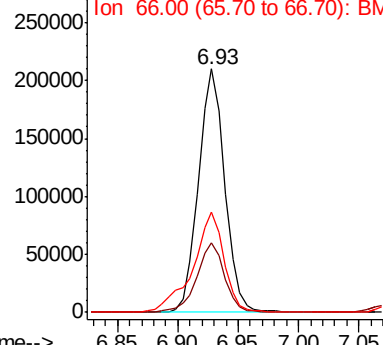


Abundance

Ion 94.00 (93.70 to 94.70): BM021486.D (-663) (-)

Ion 65.00 (64.70 to 65.70): BM021486.D (-663) (-)

Ion 66.00 (65.70 to 66.70): BM021486.D (-663) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 54.676 ng/ul

RT: 7.16 min Scan# 710

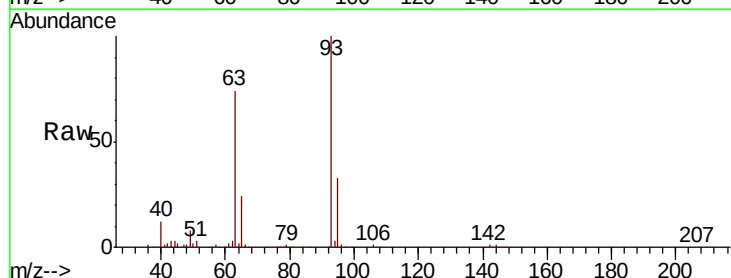
Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

Tgt Ion: 93 Resp: 734896

Ion	Ratio	Lower	Upper
93	100		
63	73.8	56.6	85.0
95	33.2	25.8	38.6

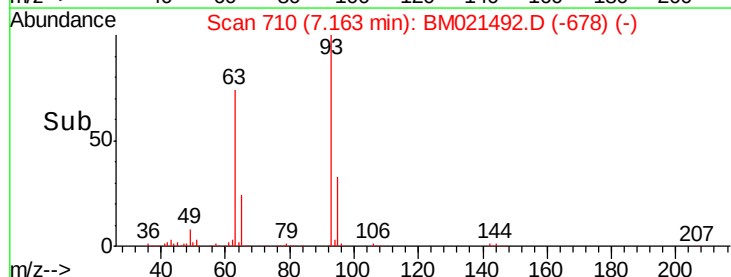
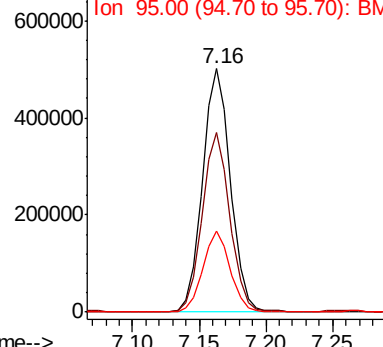


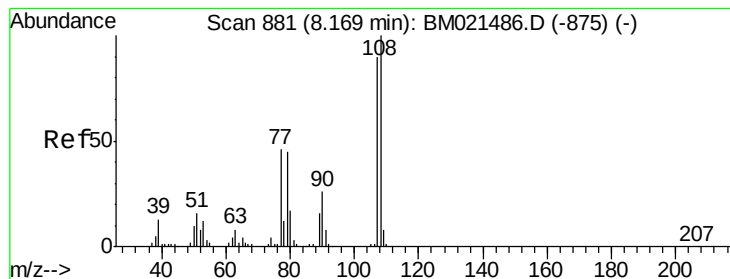
Abundance

Ion 93.00 (92.70 to 93.70): BM021486.D (-704) (-)

Ion 63.00 (62.70 to 63.70): BM021486.D (-704) (-)

Ion 95.00 (94.70 to 95.70): BM021486.D (-704) (-)





#11

2-Methylphenol

Concen: 55.084 ng/ul

RT: 8.17 min Scan# 881

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

Instrument :

BNA_M

ClientSampled :

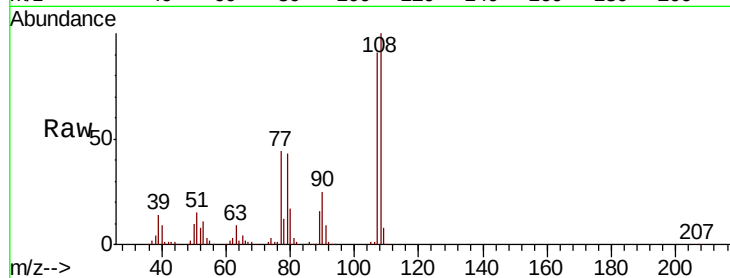
A52T9

Tot Ion:108 Resp: 729673

Ion Ratio Lower Upper

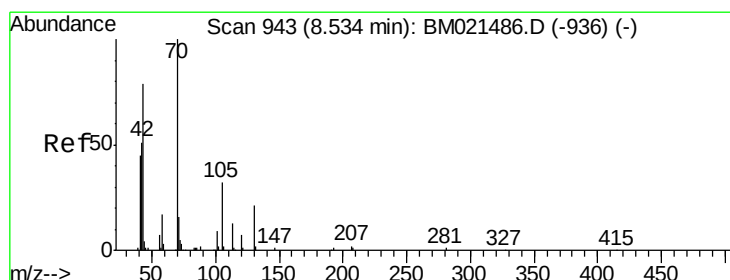
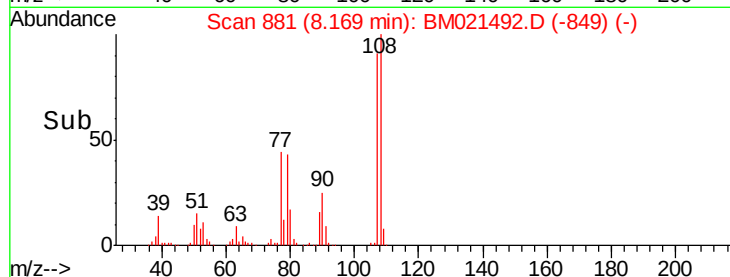
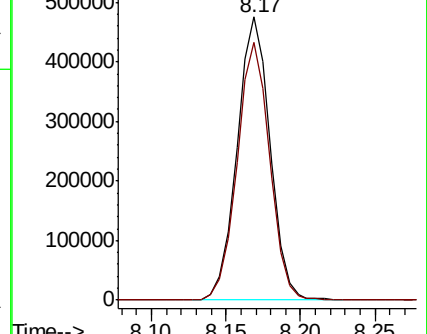
108 100

107 91.2 74.2 111.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#15

N-Nitroso-di-n-propylamine

Concen: 58.002 ng/ul

RT: 8.55 min Scan# 945

Delta R.T. 0.00 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

Tgt Ion: 70 Resp: 633737

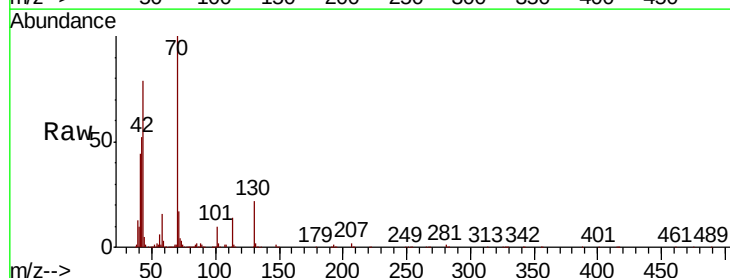
Ion Ratio Lower Upper

70 100

42 51.9 39.9 59.9

101 10.1 7.6 11.4

130 22.4 18.5 27.7

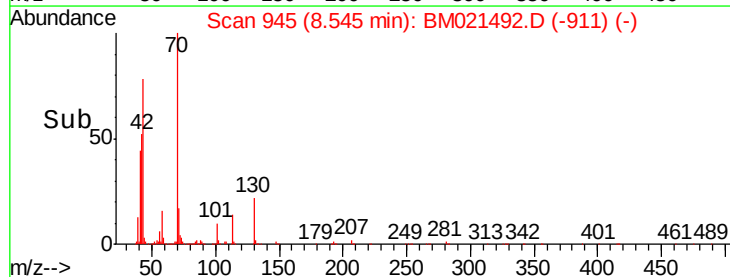
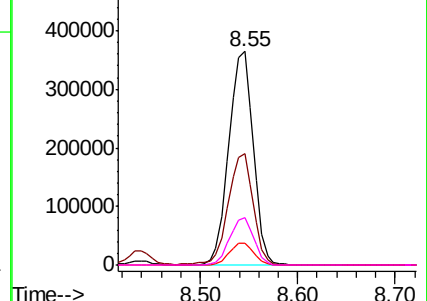


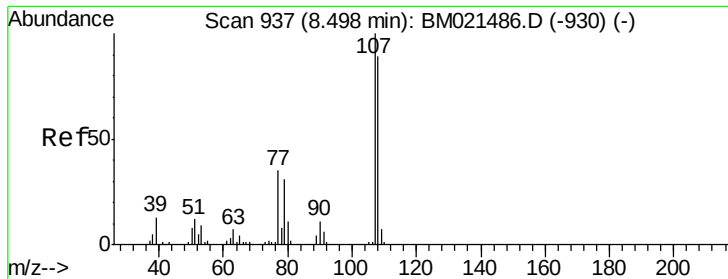
Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#16

4-Methylphenol

Concen: 56.560 ng/ul

RT: 8.50 min Scan# 937

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

Instrument :

BNA_M

ClientSampleId :

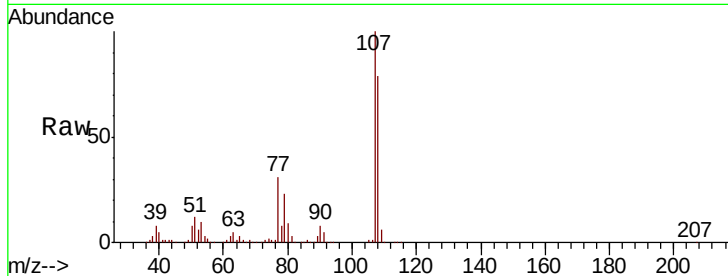
A52T9

Tot Ion:108 Resp: 794344

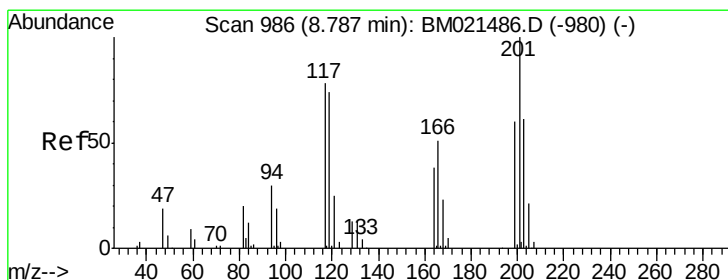
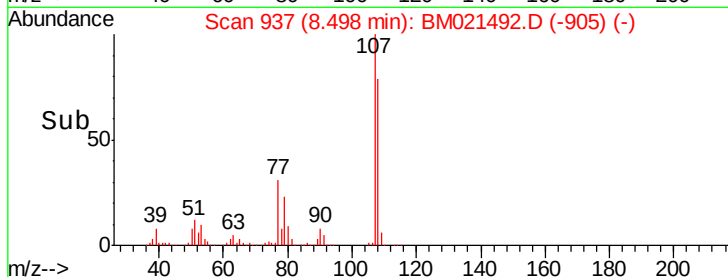
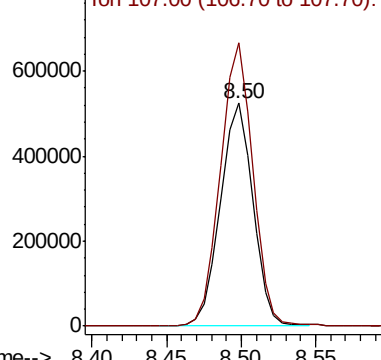
Ion Ratio Lower Upper

108 100

107 126.9 87.2 130.8



Abundance Ion 108.00 (107.70 to 108.70): E



#17

Hexachloroethane

Concen: 35.288 ng/ul

RT: 8.79 min Scan# 986

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

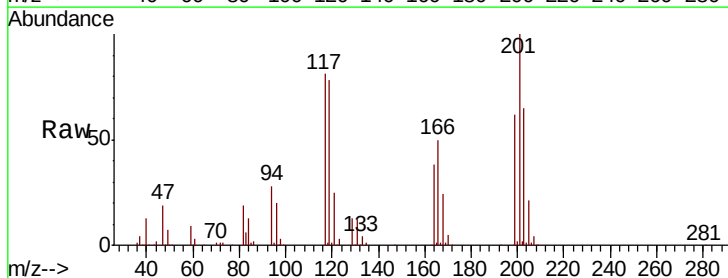
Tgt Ion:117 Resp: 231818

Ion Ratio Lower Upper

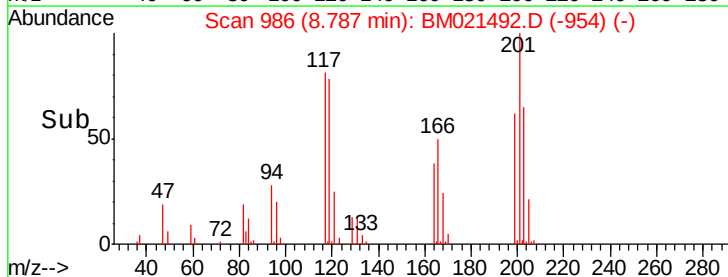
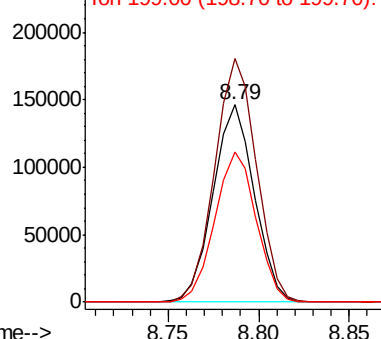
117 100

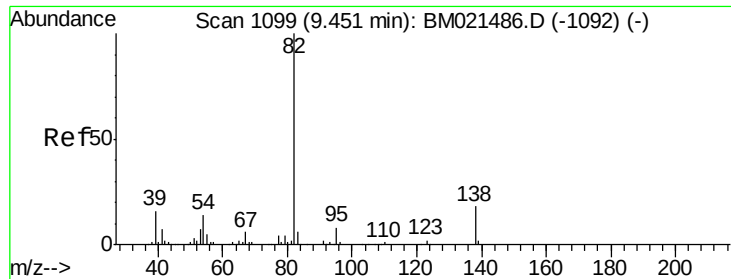
201 123.6 99.7 149.5

199 76.5 62.2 93.4



Abundance Ion 117.00 (116.70 to 117.70): E

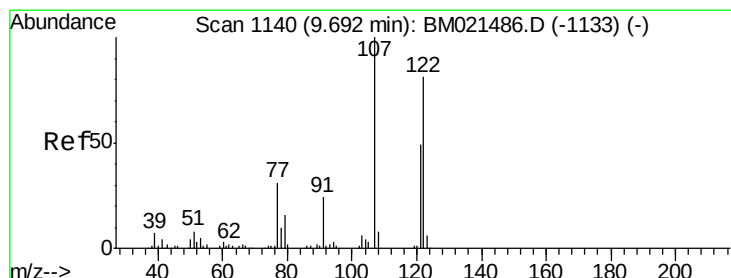
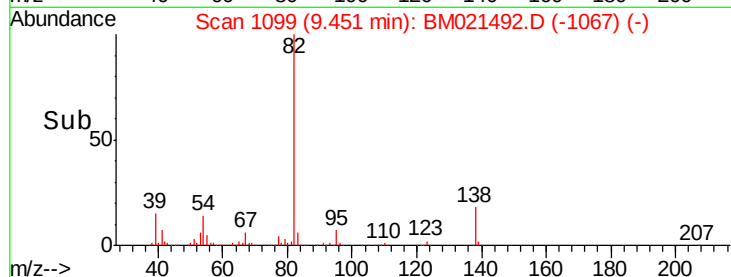
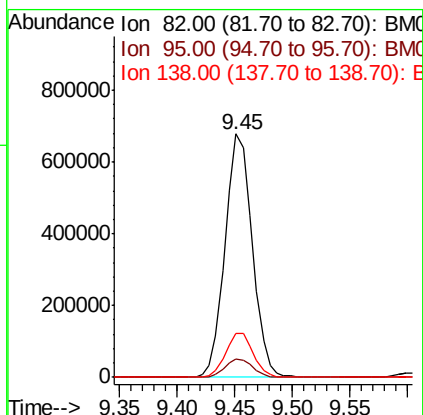
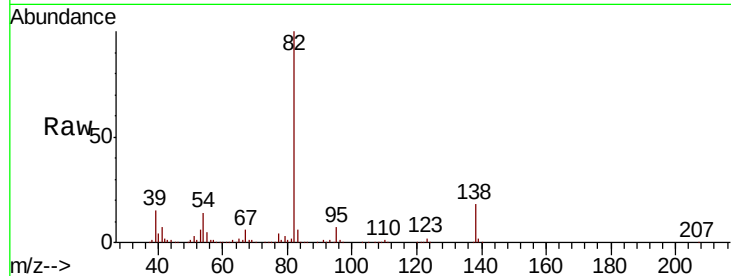




#21
Isophorone
Concen: 35.790 ng/ul
RT: 9.45 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BM021492.D
Acq: 17 Jul 2019 16:26

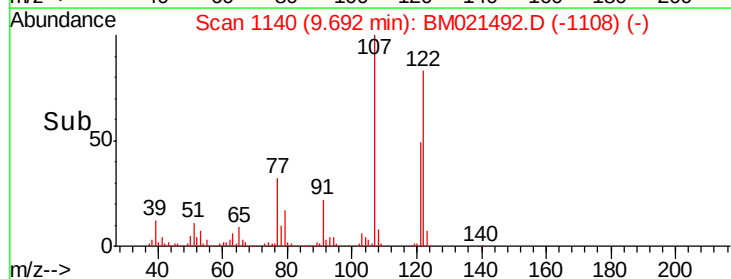
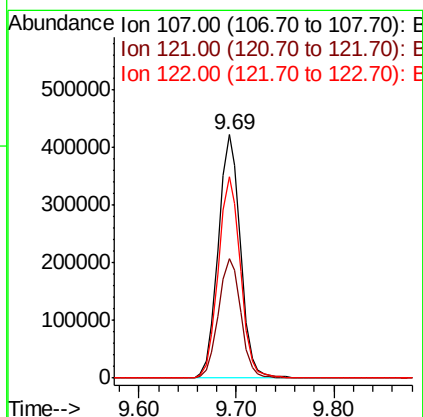
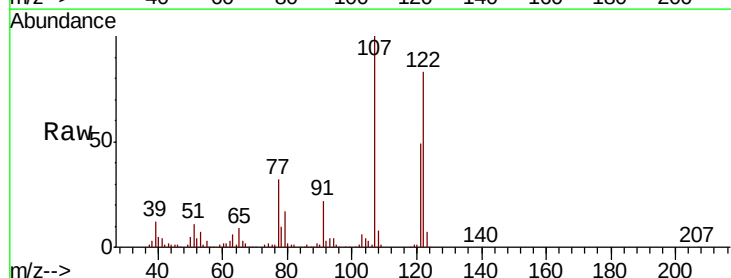
Instrument :
BNA_M
ClientSampleId :
A52T9

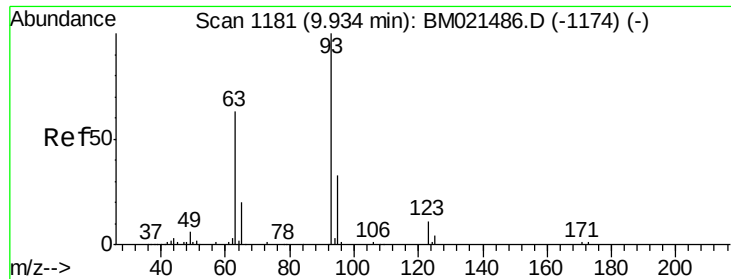
Tot Ion: 82 Resp: 1109728
Ion Ratio Lower Upper
82 100
95 7.5 6.3 9.5
138 18.3 15.2 22.8



#24
2,4-Dimethylphenol
Concen: 38.913 ng/ul
RT: 9.69 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BM021492.D
Acq: 17 Jul 2019 16:26

Tgt Ion: 107 Resp: 665849
Ion Ratio Lower Upper
107 100
121 49.2 40.5 60.7
122 82.5 67.3 100.9

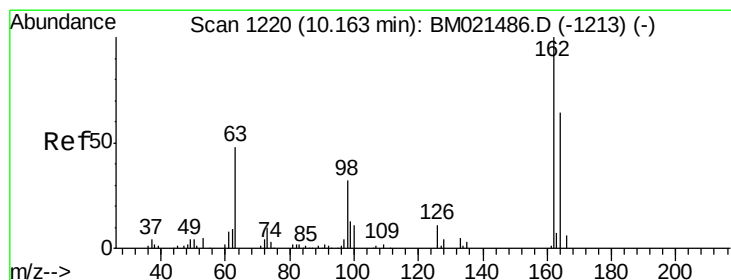
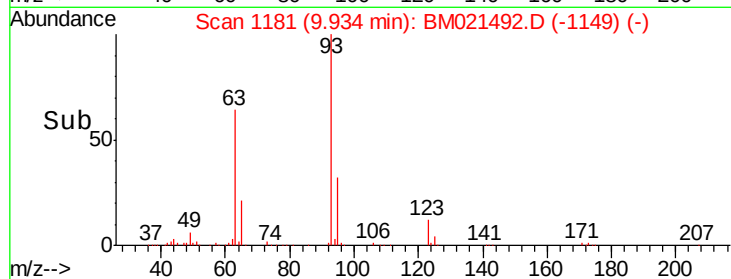
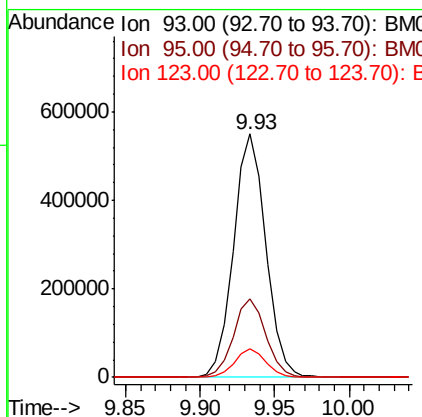
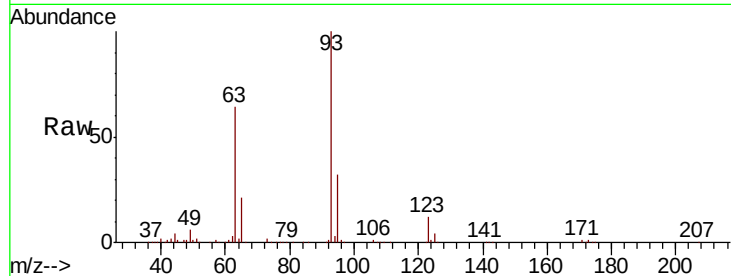




#25
 Bis(2-Chloroethoxy)methane
 Concen: 42.863 ng/ul
 RT: 9.93 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BM021492.D
 Acq: 17 Jul 2019 16:26

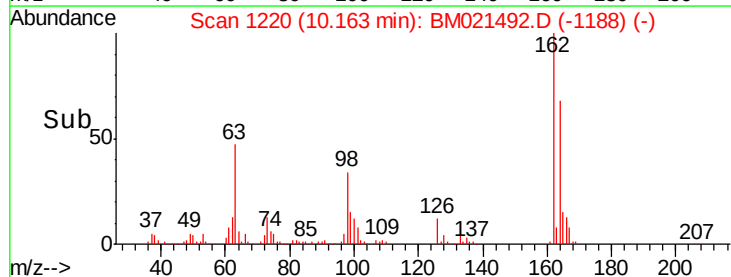
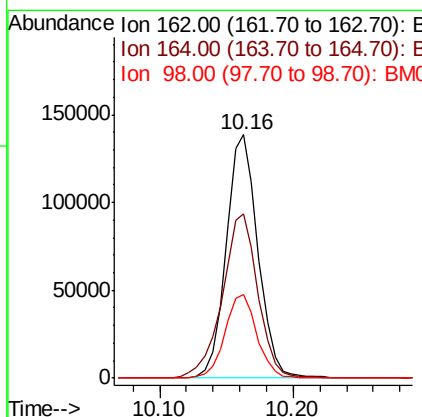
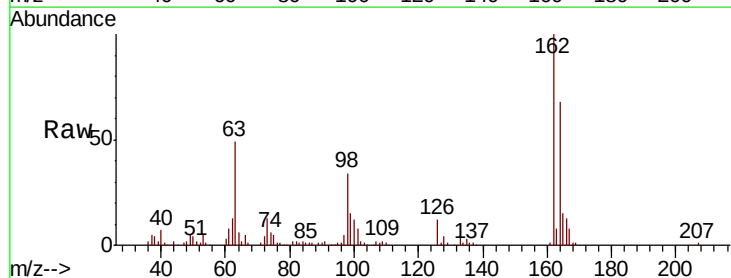
Instrument :
 BNA_M
 ClientSampleId :
 A52T9

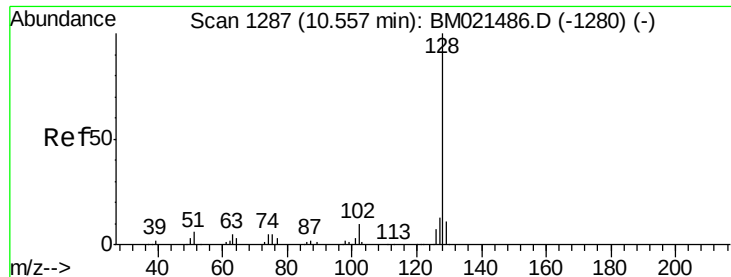
Tot Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.8	40.2
123	11.6	8.9	13.3



#27
 2,4-Dichlorophenol
 Concen: 14.260 ng/ul
 RT: 10.16 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BM021492.D
 Acq: 17 Jul 2019 16:26

Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.7	52.6	78.8
98	34.2	26.5	39.7





#28

Naphthalene

Concen: 20.865 ng/ul

RT: 10.56 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

Instrument :

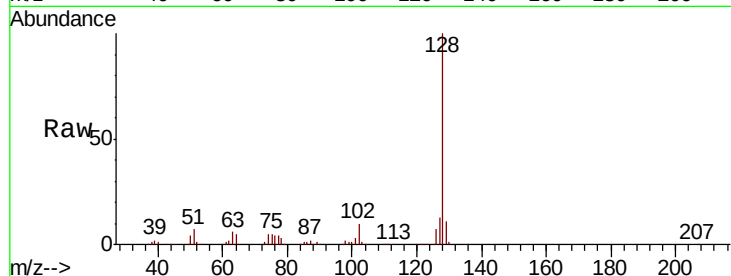
BNA_M

ClientSampleId :

A52T9

Tot Ion:128 Resp: 1029596

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	13.4	10.6	16.0

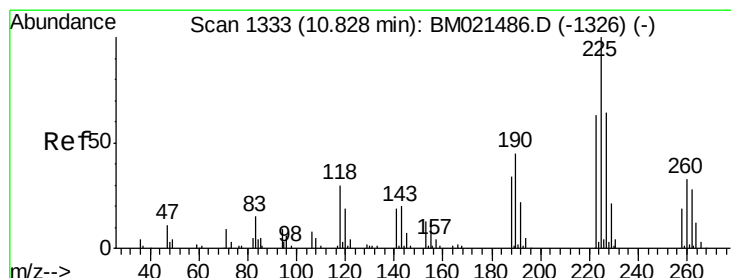
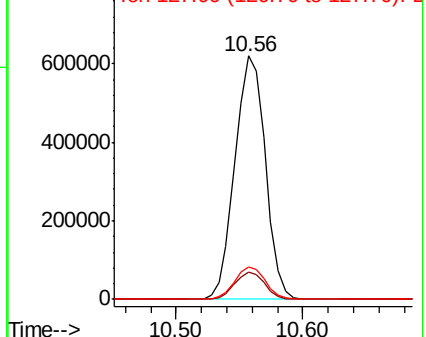
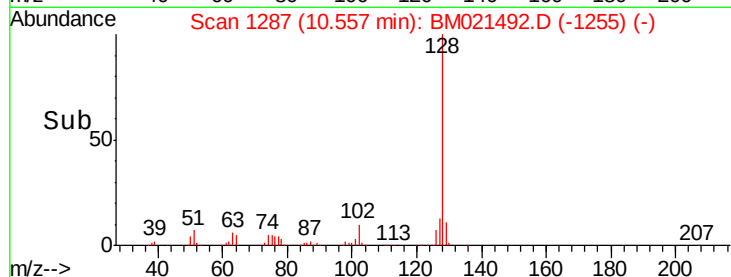


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#31

Hexachlorobutadiene

Concen: 54.214 ng/ul

RT: 10.83 min Scan# 1333

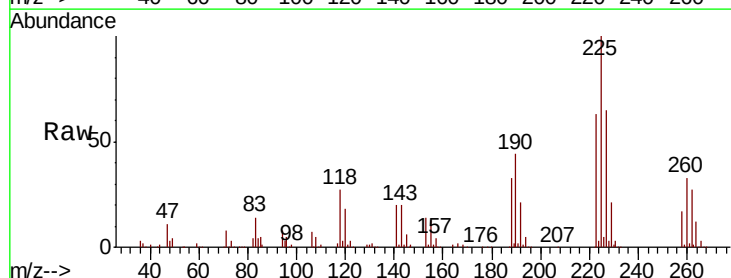
Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

Tgt Ion:225 Resp: 645551

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.9	74.9
227	64.9	51.8	77.8

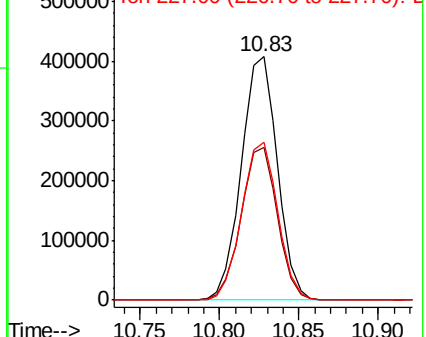
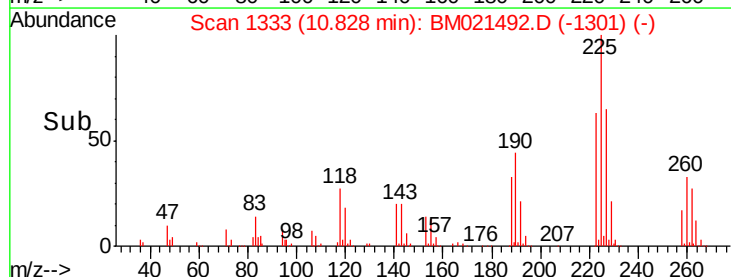


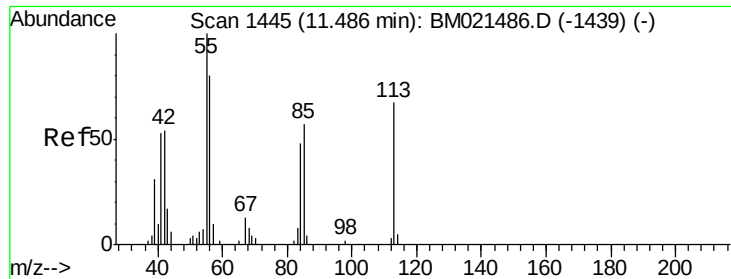
Abundance

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

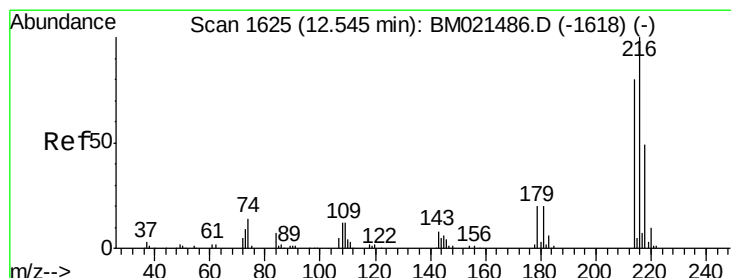
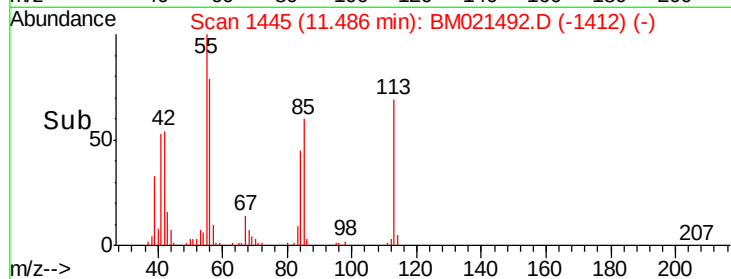
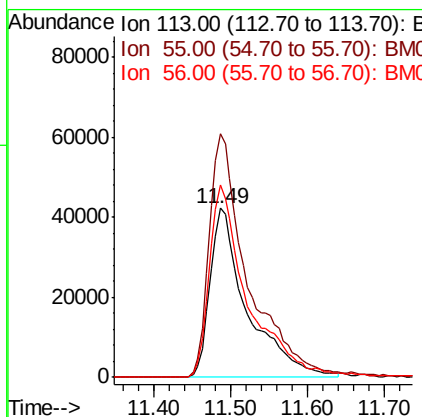
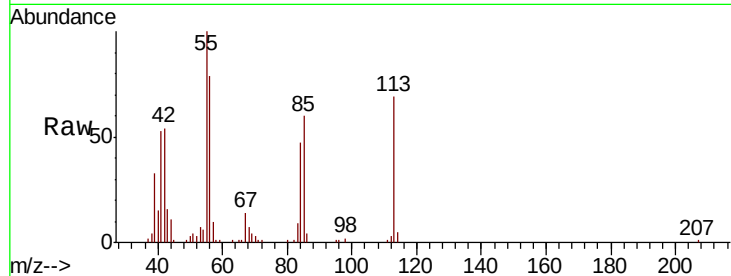




#32
 Caprolactam
 Concen: 33.568 ng/ul
 RT: 11.49 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BM021492.D
 Acq: 17 Jul 2019 16:26

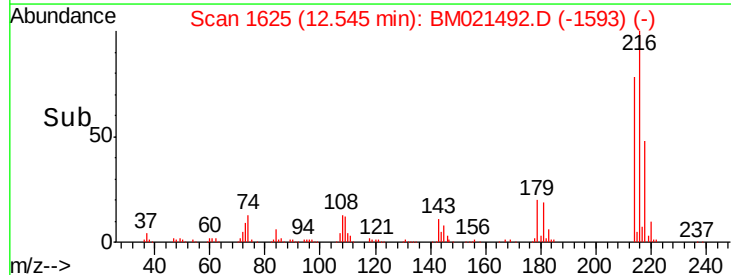
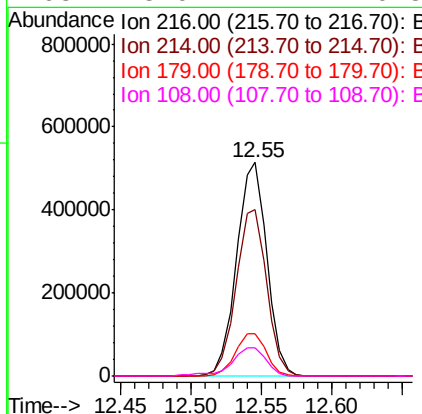
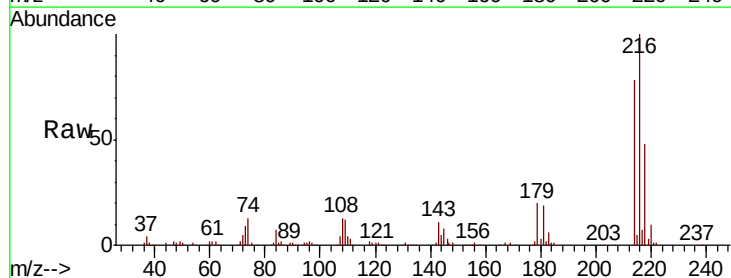
Instrument :
 BNA_M
 ClientSampleId :
 A52T9

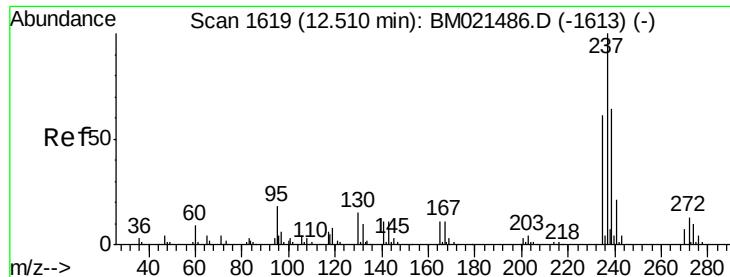
Tot Ion:113 Resp: 141142
 Ion Ratio Lower Upper
 113 100
 55 144.1 121.0 181.4
 56 114.2 92.8 139.2



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.112 ng/ul
 RT: 12.55 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BM021492.D
 Acq: 17 Jul 2019 16:26

Tgt Ion:216 Resp: 770428
 Ion Ratio Lower Upper
 216 100
 214 77.7 62.9 94.3
 179 19.8 16.2 24.2
 108 13.0 11.2 16.8





#37

Hexachlorocyclopentadiene

Concen: 33.192 ng/ul

RT: 12.51 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

Instrument :

BNA_M

ClientSampleId :

A52T9

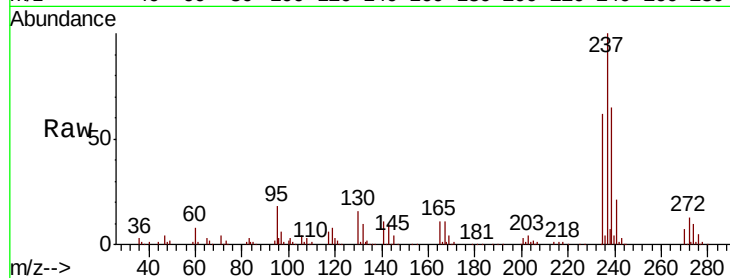
Tot Ion:237 Resp: 360243

Ion Ratio Lower Upper

237 100

235 62.2 49.4 74.2

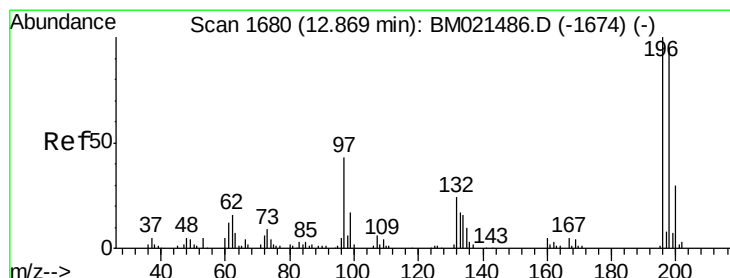
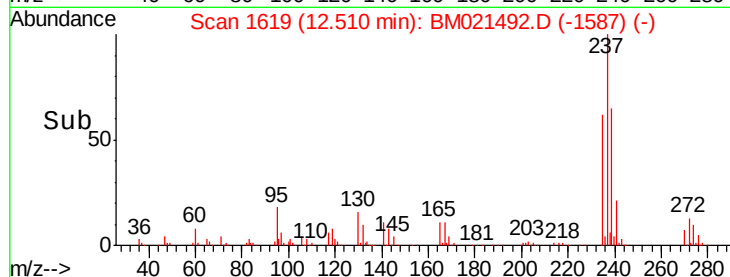
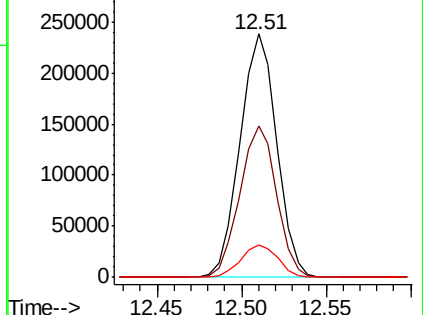
272 13.5 9.7 14.5



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#39

2,4,5-Trichlorophenol

Concen: 37.328 ng/ul

RT: 12.87 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

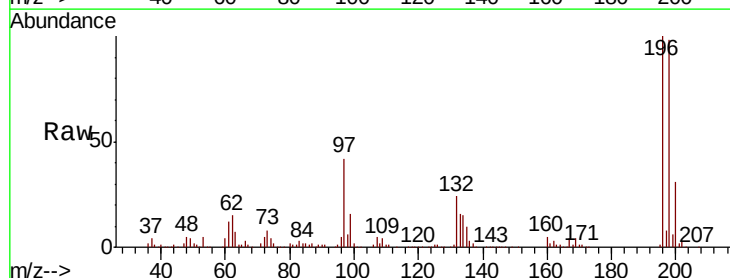
Tgt Ion:196 Resp: 502327

Ion Ratio Lower Upper

196 100

198 97.5 74.8 112.2

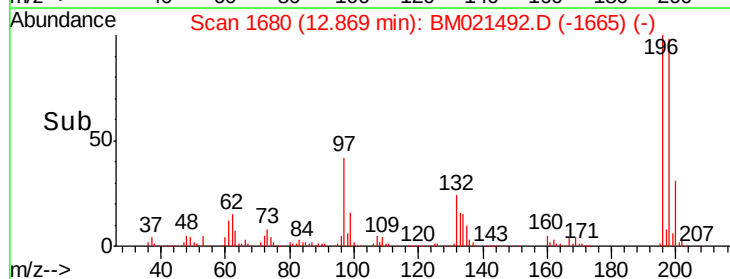
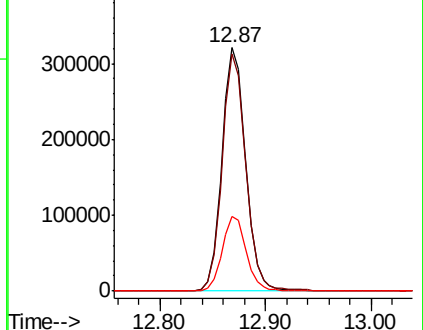
200 30.7 24.7 37.1

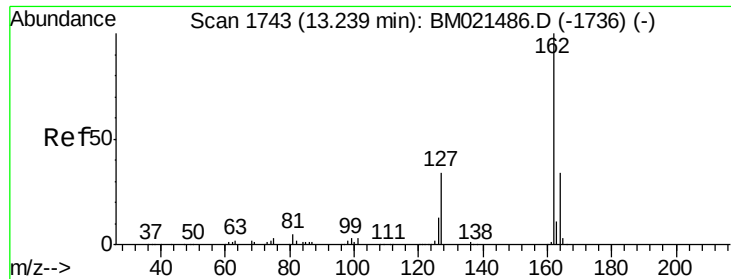


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

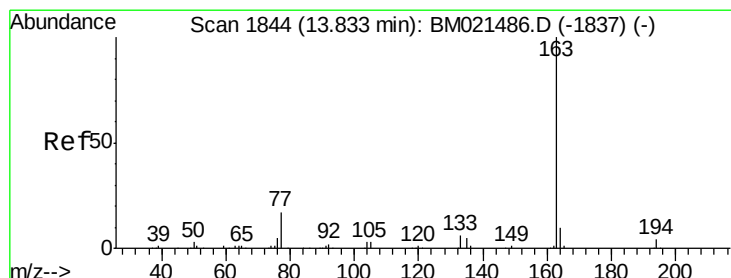
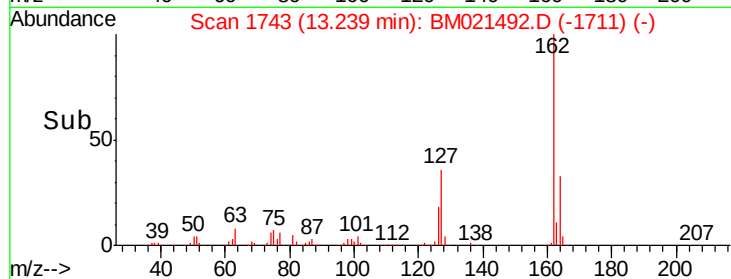
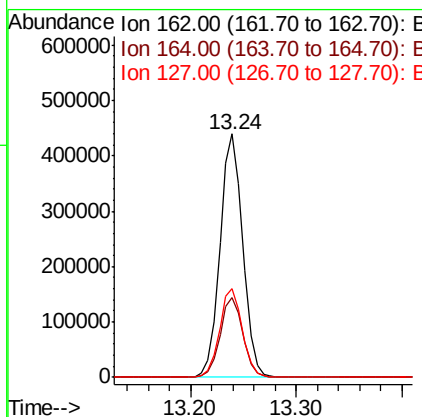
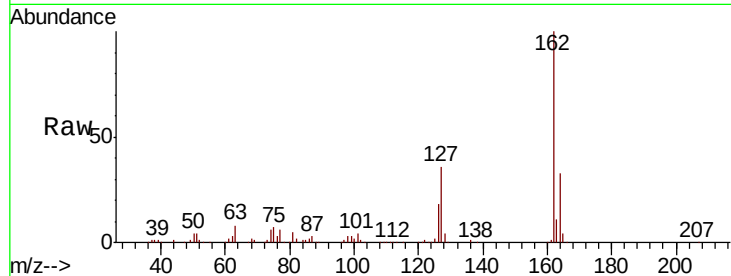




#41
2-Chloronaphthalene
Concen: 17.879 ng/ul
RT: 13.24 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BM021492.D
Acq: 17 Jul 2019 16:26

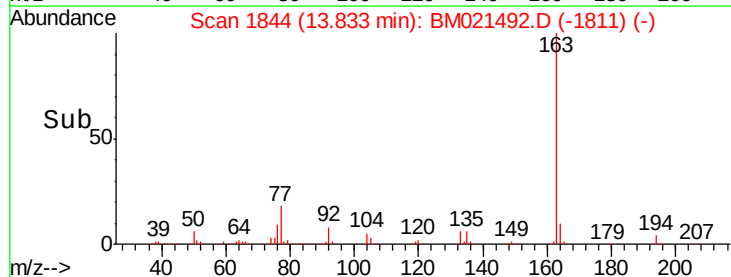
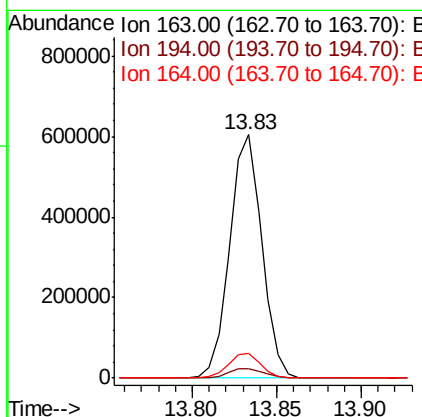
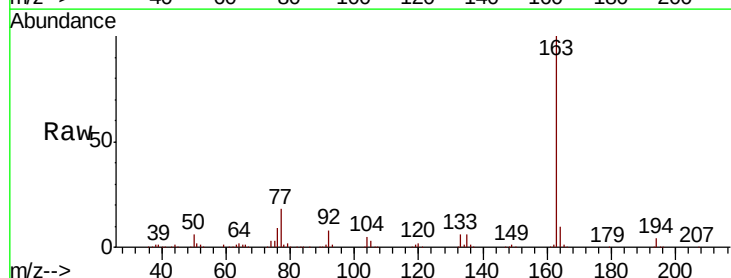
Instrument :
BNA_M
ClientSampleId :
A52T9

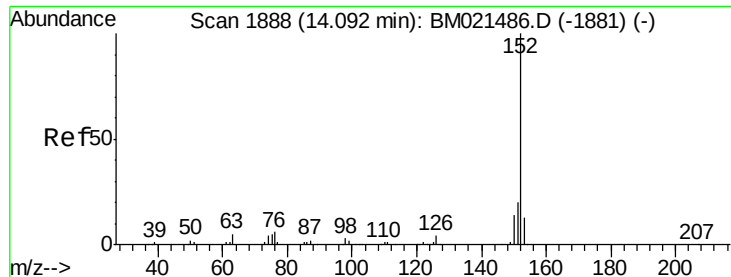
Tot Ion:162 Resp: 657855
Ion Ratio Lower Upper
162 100
164 32.9 26.6 40.0
127 36.4 28.6 42.8



#44
Dimethylphthalate
Concen: 17.882 ng/ul
RT: 13.83 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BM021492.D
Acq: 17 Jul 2019 16:26

Tgt Ion:163 Resp: 799983
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 10.0 8.3 12.5





#47

Acenaphthylene

Concen: 20.954 ng/ul

RT: 14.09 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

Instrument :

BNA_M

ClientSampleId :

A52T9

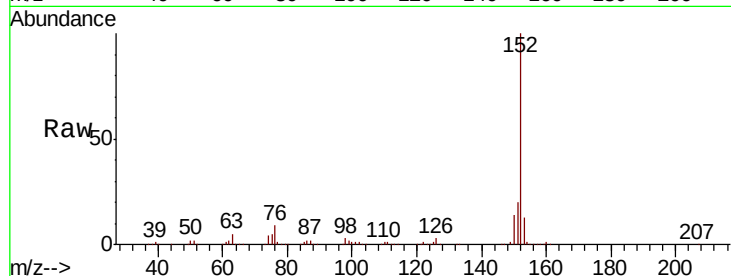
Tot Ion:152 Resp: 1099722

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

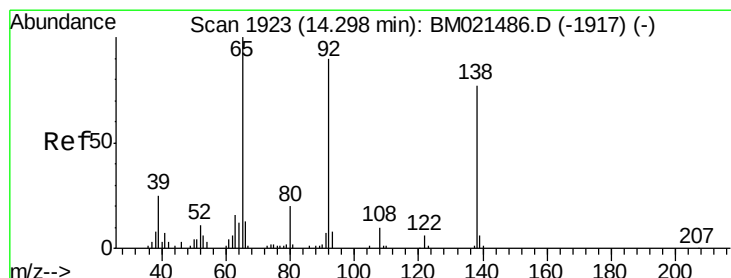
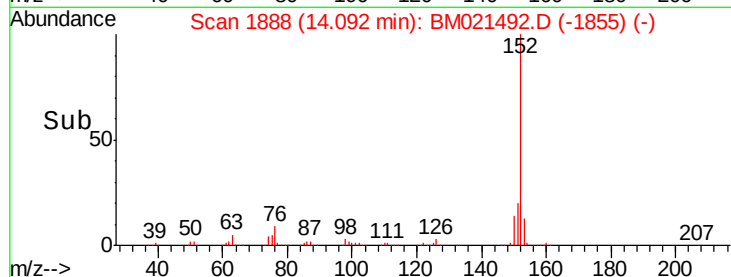
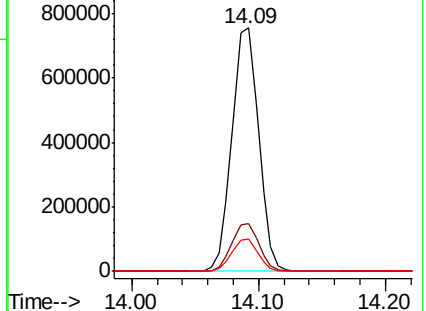
153 13.3 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 48.428 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

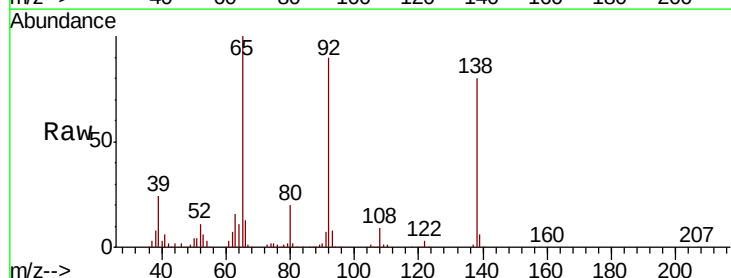
Tgt Ion:138 Resp: 354903

Ion Ratio Lower Upper

138 100

108 11.4 9.1 13.7

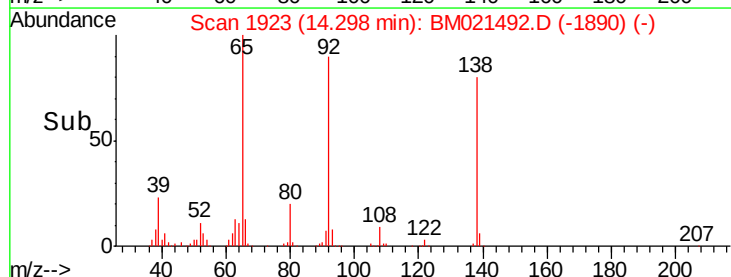
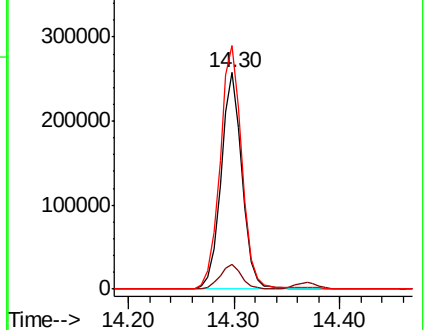
92 112.4 92.9 139.3

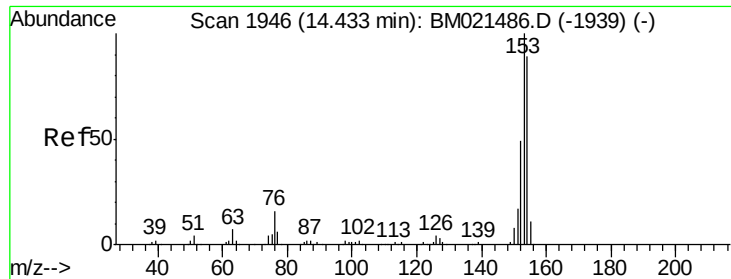


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 30.404 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

Instrument :

BNA_M

ClientSampled :

A52T9

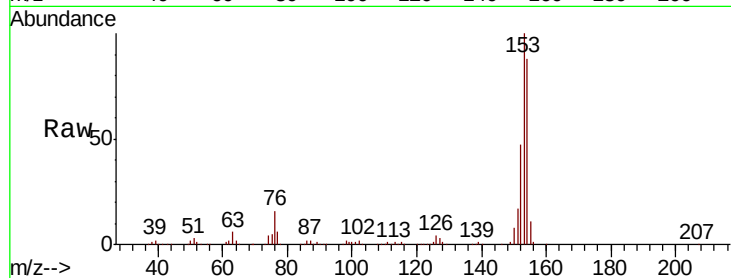
Tot Ion:153 Resp: 1159469

Ion Ratio Lower Upper

153 100

152 47.5 38.2 57.4

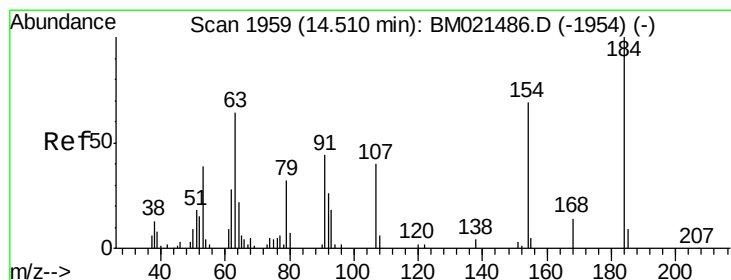
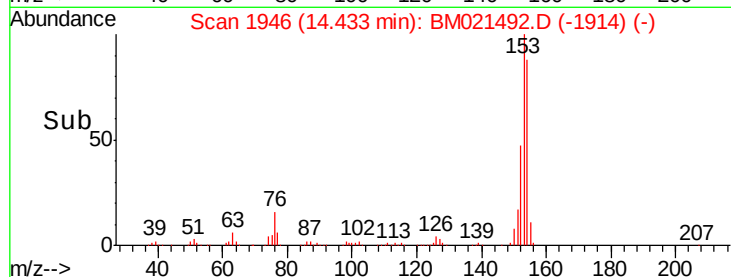
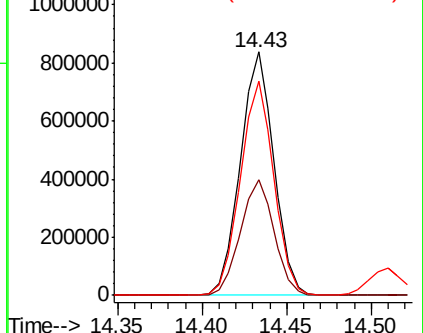
154 87.8 70.0 105.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 44.376 ng/ul

RT: 14.51 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

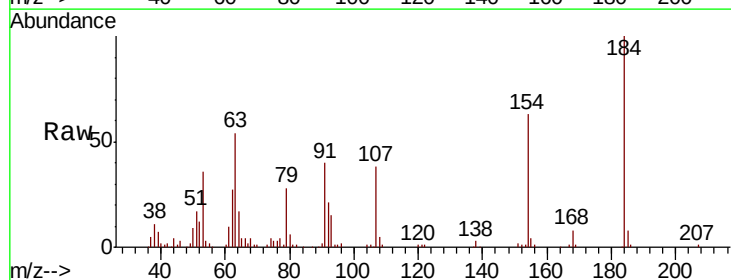
Tgt Ion:184 Resp: 217413

Ion Ratio Lower Upper

184 100

63 53.9 44.4 66.6

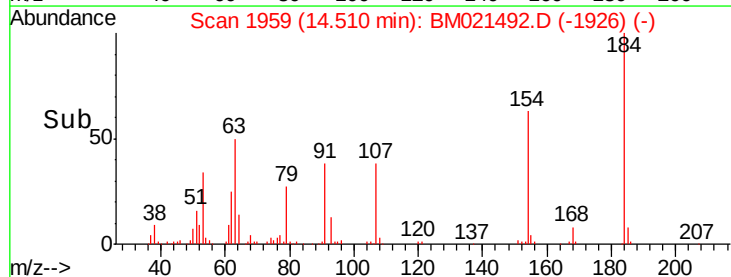
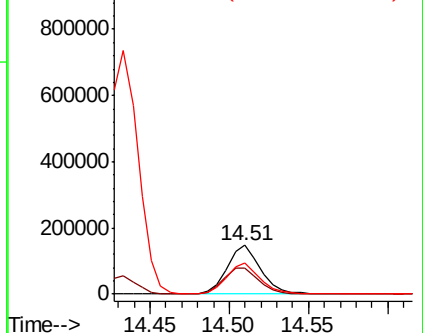
154 62.5 50.4 75.6

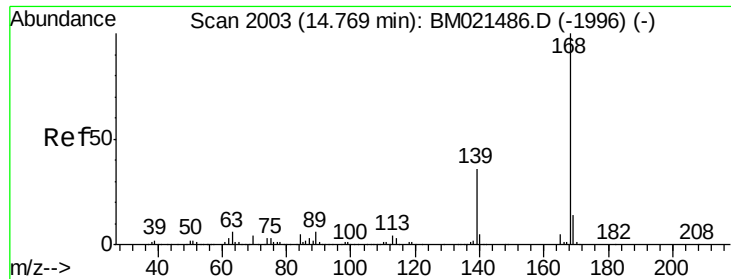


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 17.294 ng/ul

RT: 14.77 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

Instrument :

BNA_M

ClientSampleId :

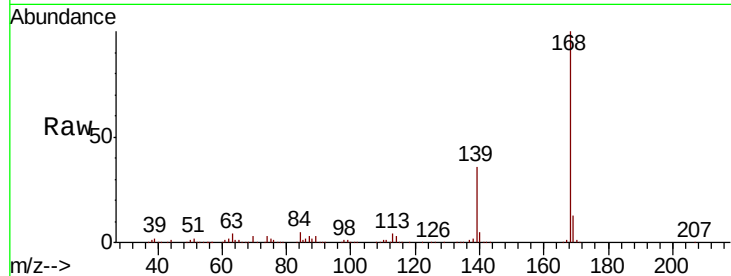
A52T9

Tot Ion:168 Resp: 955369

Ion Ratio Lower Upper

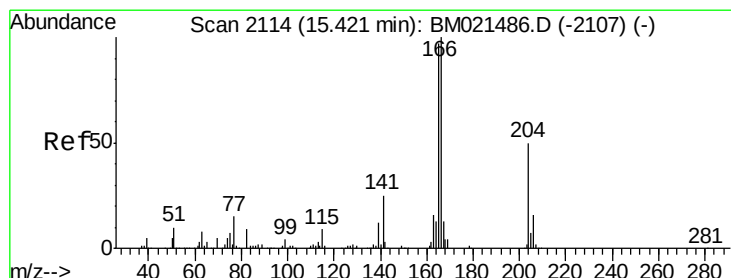
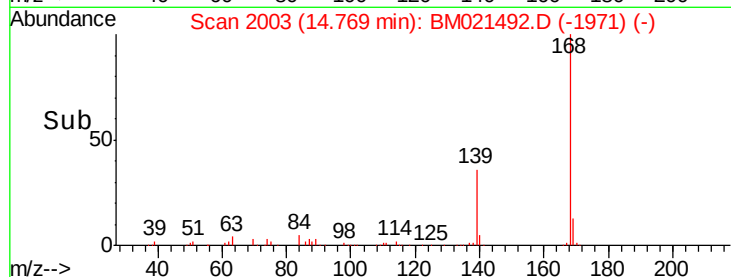
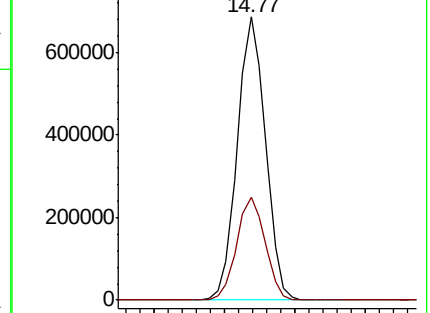
168 100

139 36.1 28.4 42.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 7.169 ng/ul

RT: 15.42 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

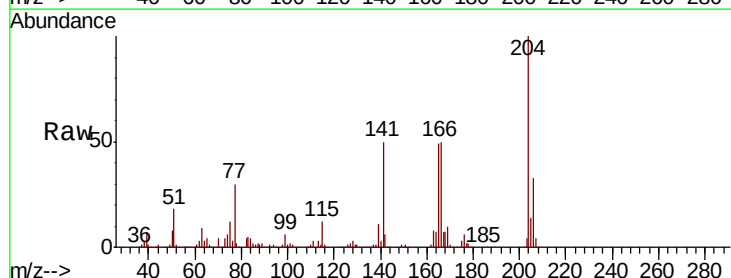
Tgt Ion:166 Resp: 320399

Ion Ratio Lower Upper

166 100

165 97.5 78.6 117.8

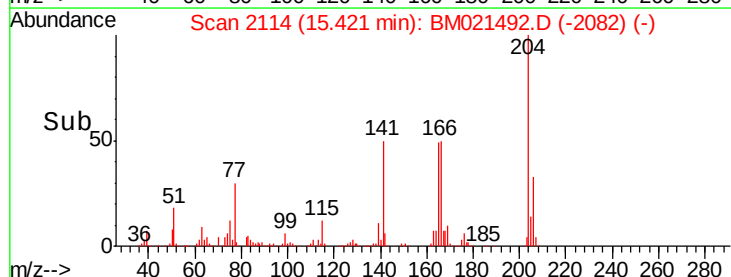
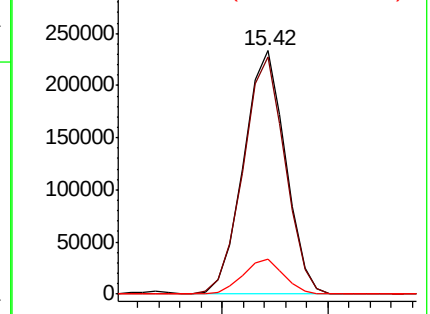
167 14.6 10.7 16.1

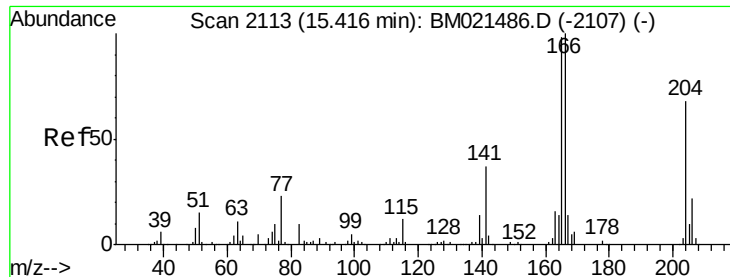


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

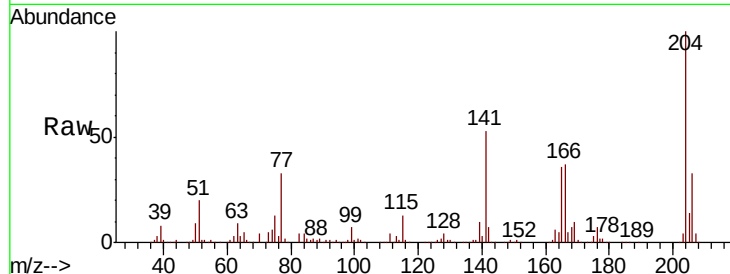




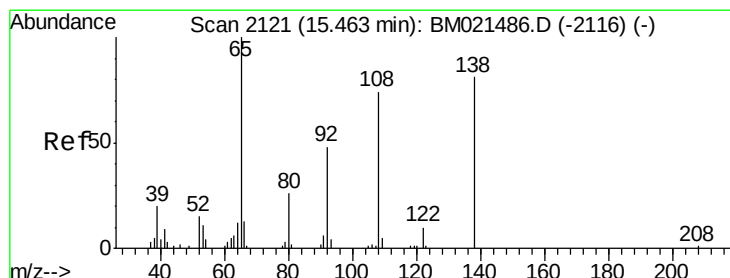
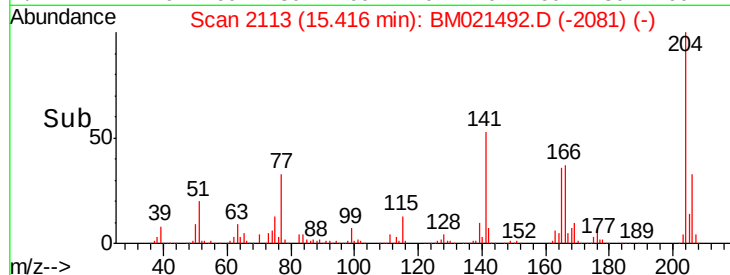
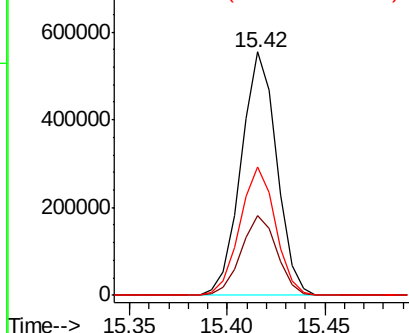
#59
 4-Chlorophenyl-phenylether
 Concen: 28.065 ng/ul
 RT: 15.42 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BM021492.D
 Acq: 17 Jul 2019 16:26

Instrument :
 BNA_M
 ClientSampleId :
 A52T9

Tot Ion:204 Resp: 700996
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.0 39.0
 141 52.5 42.3 63.5

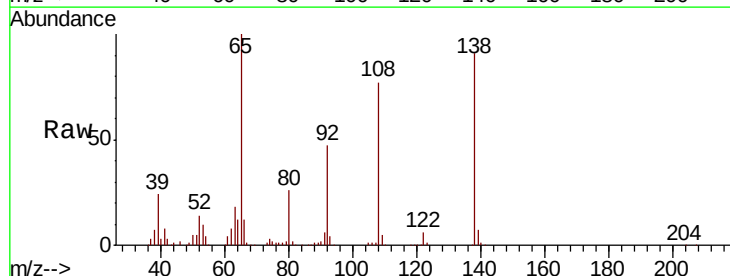


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

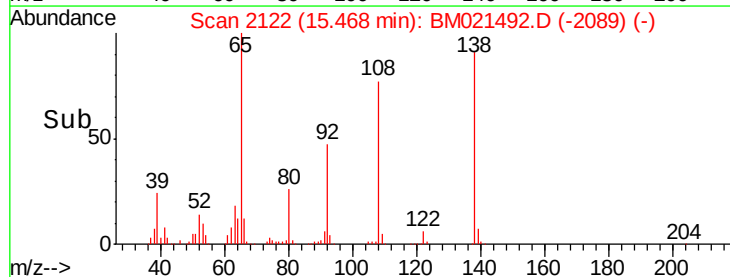
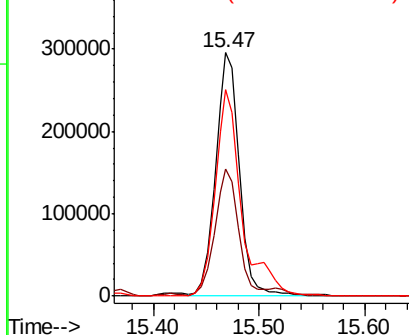


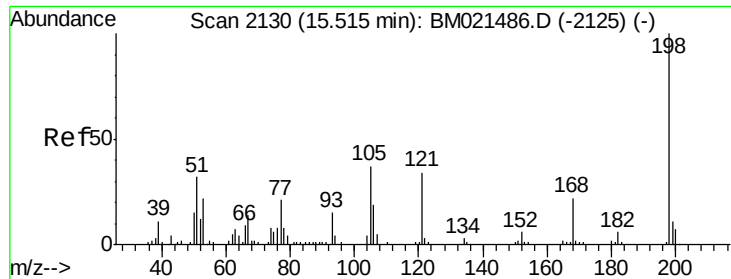
#60
 4-Nitroaniline
 Concen: 61.289 ng/ul
 RT: 15.47 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BM021492.D
 Acq: 17 Jul 2019 16:26

Tgt Ion:138 Resp: 461175
 Ion Ratio Lower Upper
 138 100
 92 52.3 41.3 61.9
 108 84.9 65.0 97.6



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

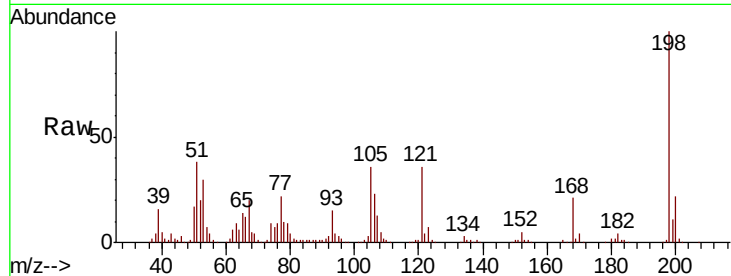




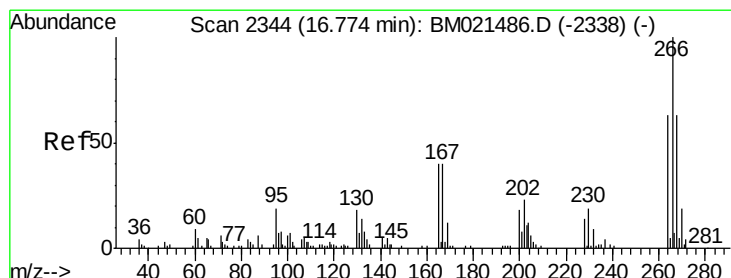
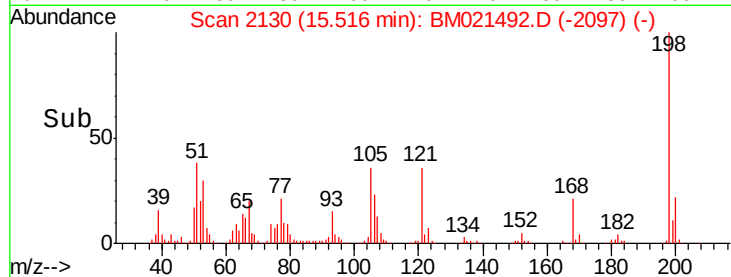
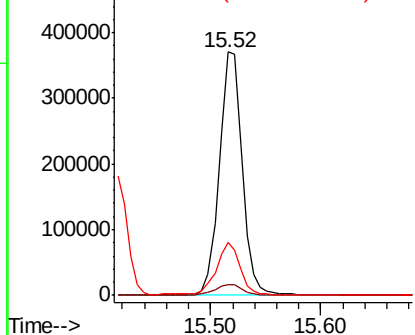
#63
 4,6-Dinitro-2-methylphenol
 Concen: 68.270 ng/ul
 RT: 15.52 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BM021492.D
 Acq: 17 Jul 2019 16:26

Instrument :
 BNA_M
 ClientSampled :
 A52T9

Tot Ion:198 Resp: 538616
 Ion Ratio Lower Upper
 198 100
 182 4.4 4.7 7.1#
 77 21.6 18.1 27.1

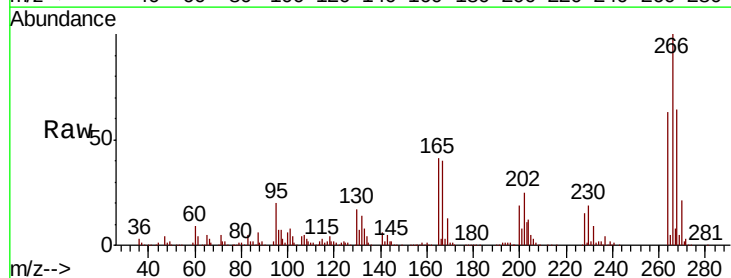


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BMC

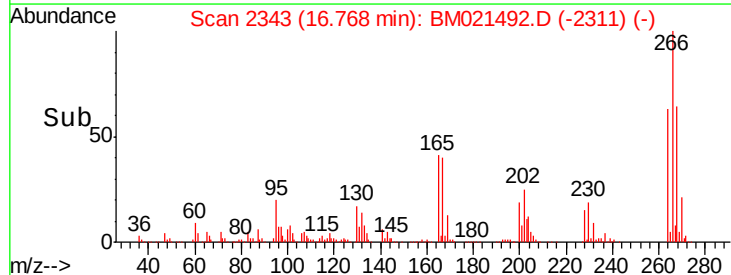
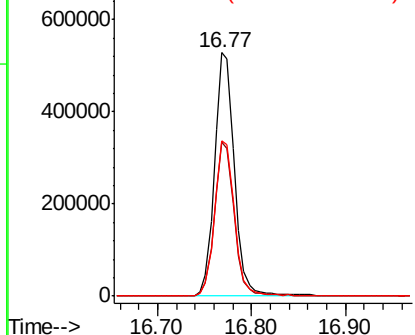


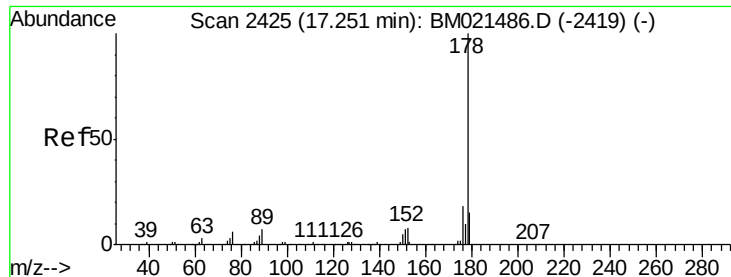
#68
 Pentachlorophenol
 Concen: 85.954 ng/ul
 RT: 16.77 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BM021492.D
 Acq: 17 Jul 2019 16:26

Tgt Ion:266 Resp: 786258
 Ion Ratio Lower Upper
 266 100
 264 63.1 49.2 73.8
 268 63.7 50.6 76.0



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E





#71

Anthracene

Concen: 29.327 ng/ul

RT: 17.26 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

Instrument :

BNA_M

ClientSampleId :

A52T9

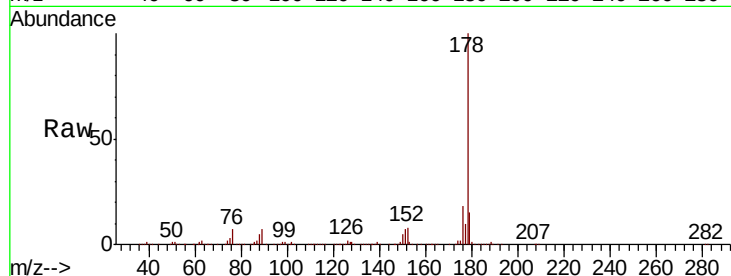
Tot Ion:178 Resp: 1985557

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	18.3	14.9	22.3

178 100

179 15.2 12.2 18.2

176 18.3 14.9 22.3

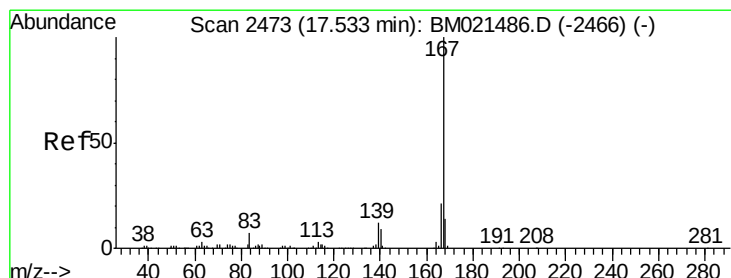
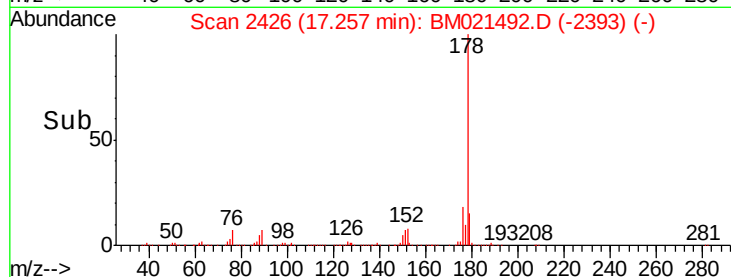
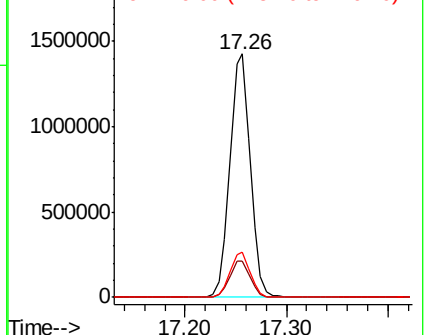


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Carbazole

Concen: 35.395 ng/ul

RT: 17.53 min Scan# 2473

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

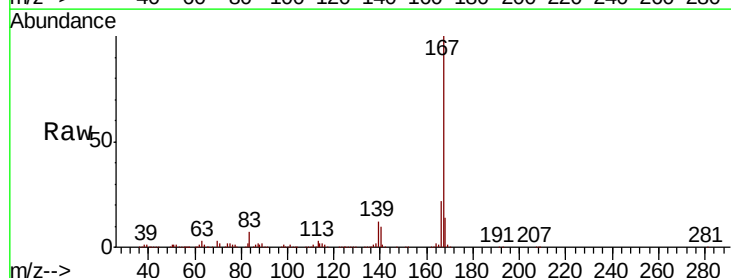
Tgt Ion:167 Resp: 1989024

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	12.2	9.7	14.5

167 100

166 21.8 17.1 25.7

139 12.2 9.7 14.5

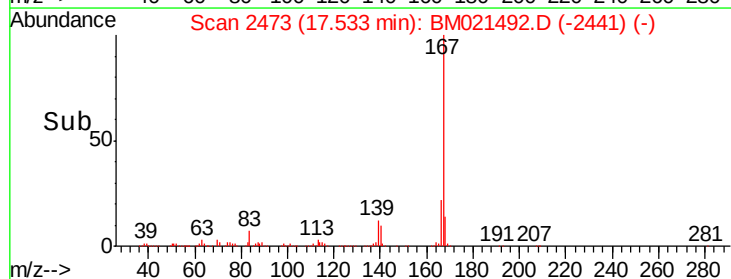
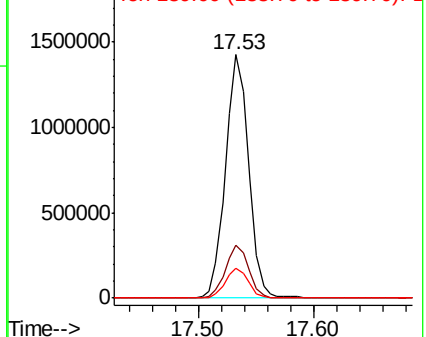


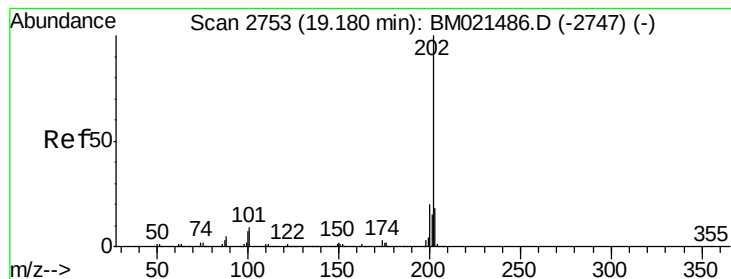
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#76

Fluoranthene

Concen: 16.348 ng/ul

RT: 19.18 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

Instrument :

BNA_M

ClientSampleId :

A52T9

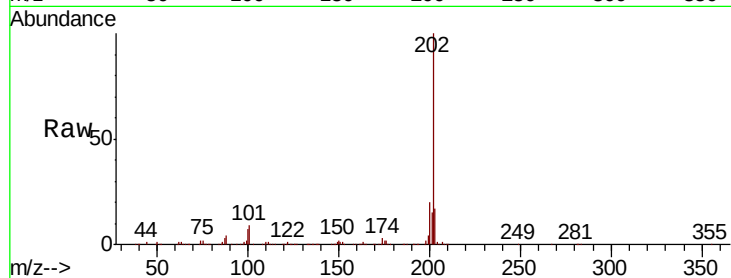
Tot Ion:202 Resp: 1291313

Ion Ratio Lower Upper

202 100

101 8.7 6.7 10.1

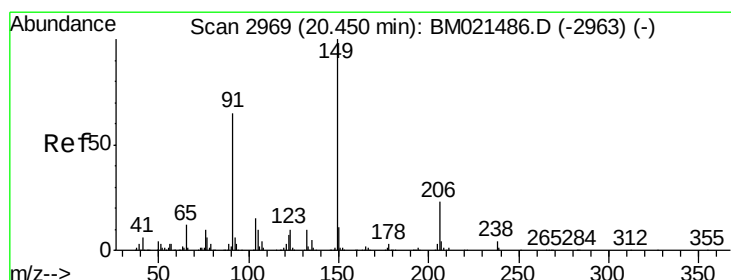
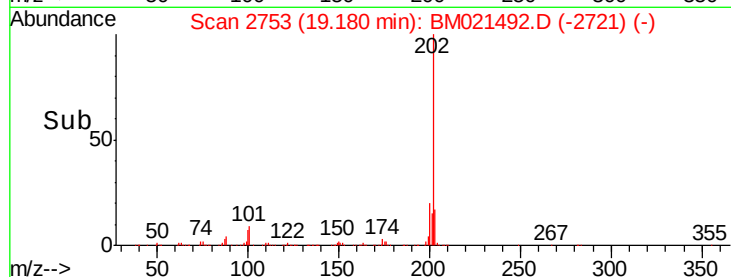
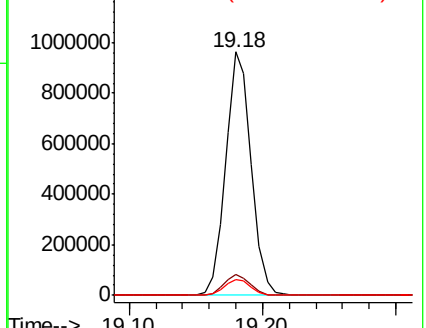
100 6.7 5.3 7.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Butylbenzylphthalate

Concen: 21.362 ng/ul

RT: 20.45 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

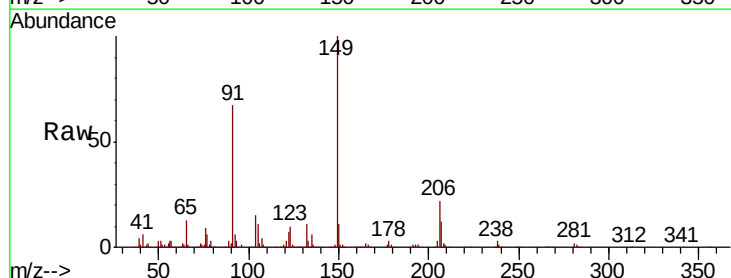
Tgt Ion:149 Resp: 539582

Ion Ratio Lower Upper

149 100

91 66.7 53.9 80.9

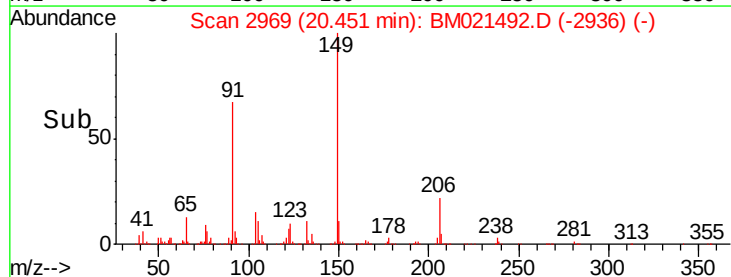
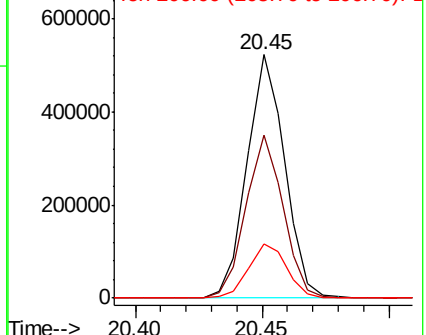
206 22.4 18.0 27.0

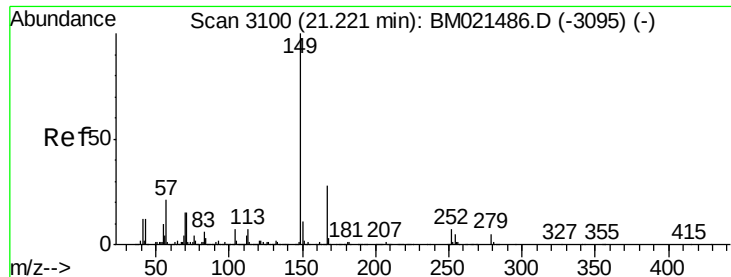


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 20.943 ng/ul

RT: 21.22 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

Instrument :

BNA_M

ClientSampleId :

A52T9

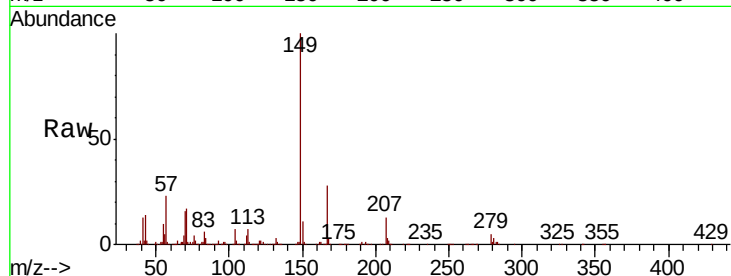
Tot Ion:149 Resp: 778123

Ion Ratio Lower Upper

149 100

167 27.9 22.6 33.8

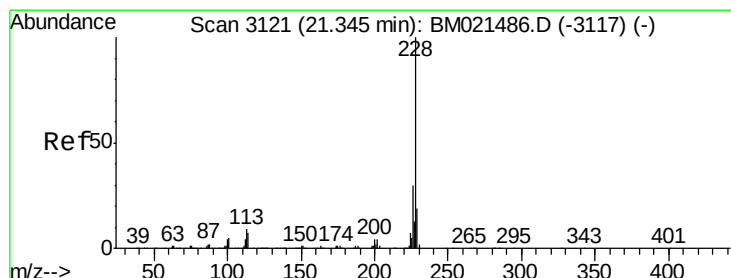
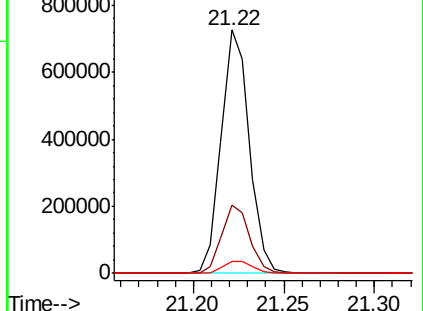
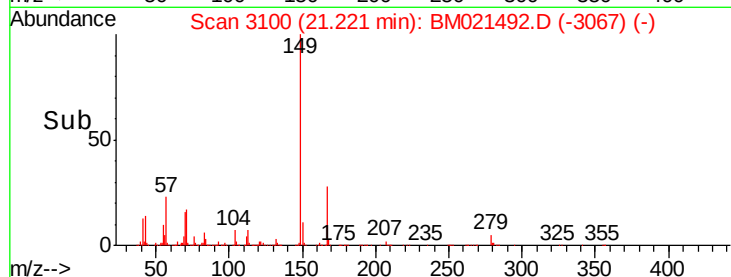
279 4.9 4.0 6.0



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



#84

Chrysene

Concen: 30.846 ng/ul

RT: 21.35 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

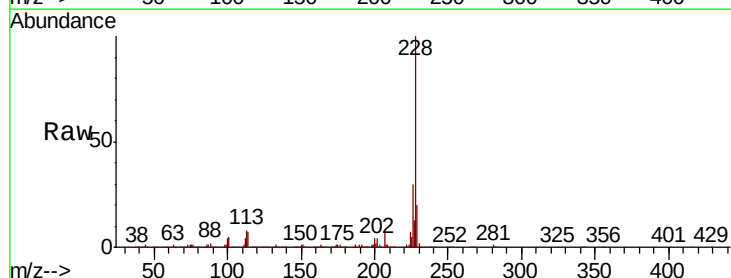
Tgt Ion:228 Resp: 2139565

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

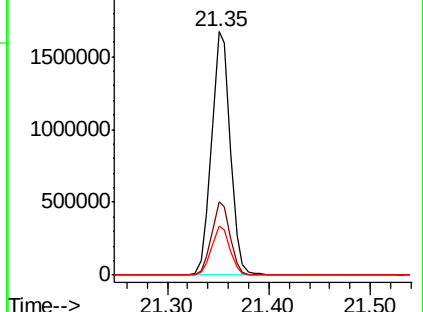
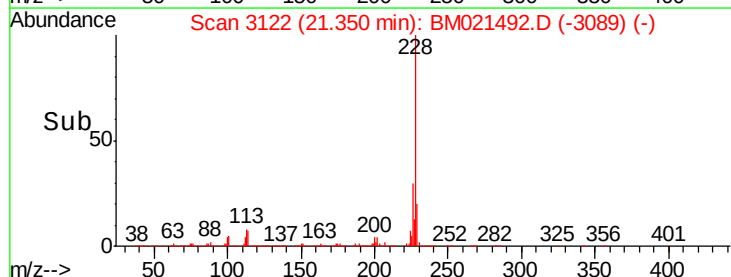
229 19.9 15.4 23.0

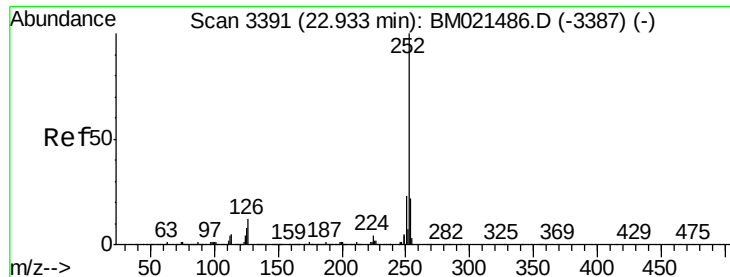


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(k)fluoranthene

Concen: 37.308 ng/ul

RT: 22.94 min Scan# 3393

Delta R.T. 0.00 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

Instrument :

BNA_M

ClientSampleId :

A52T9

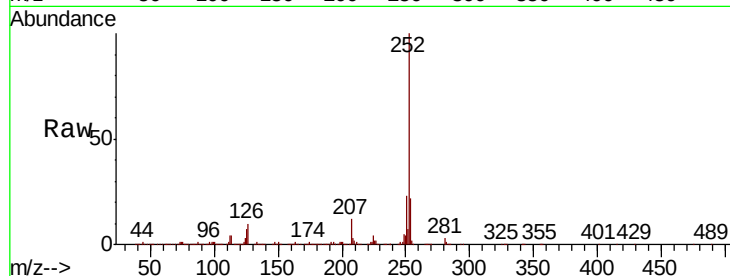
Tot Ion:252 Resp: 2789748

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

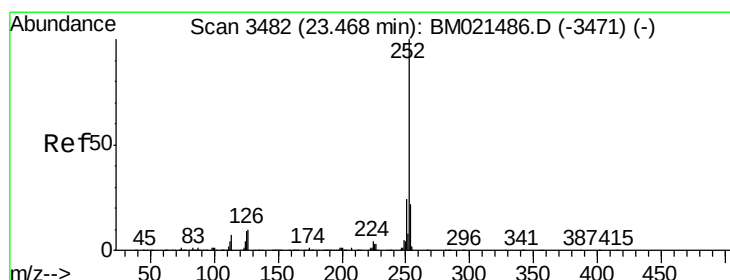
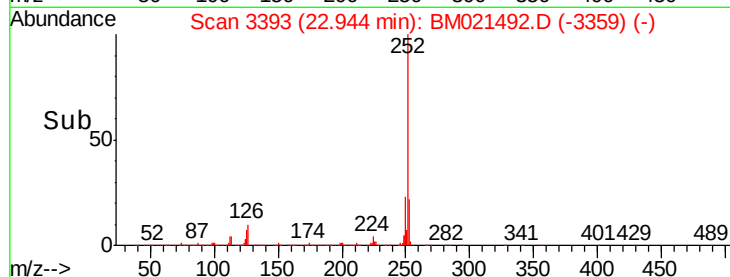
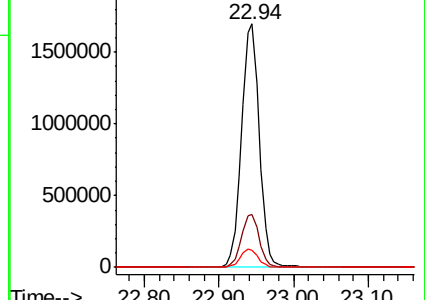
125 7.2 5.8 8.8



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: 36.691 ng/ul

RT: 23.48 min Scan# 3484

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

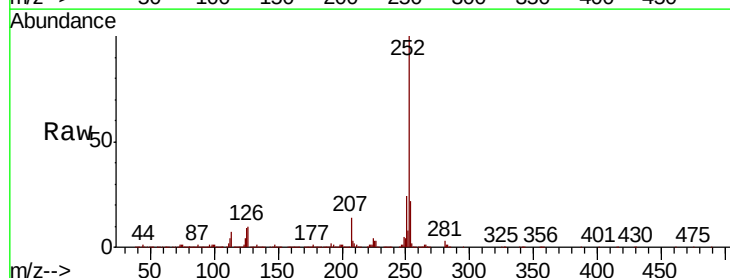
Tgt Ion:252 Resp: 2660458

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

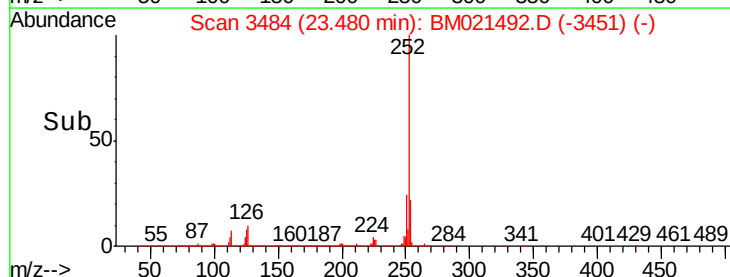
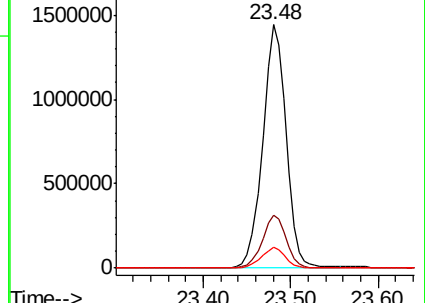
125 8.5 6.9 10.3

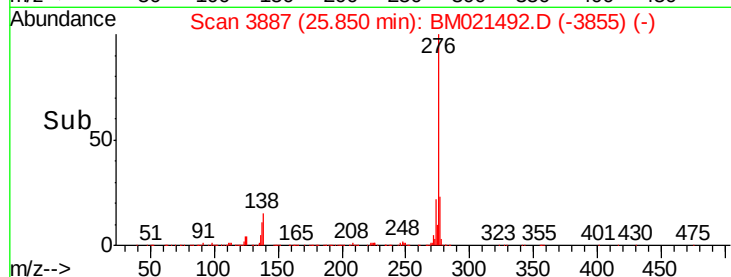
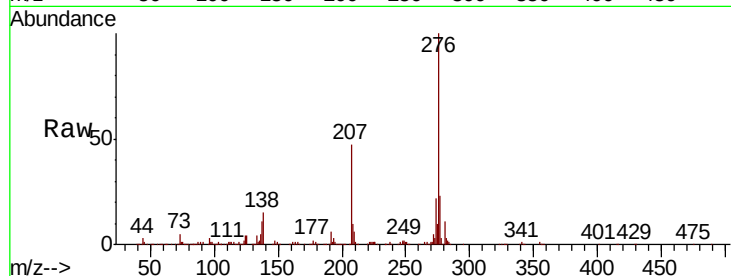
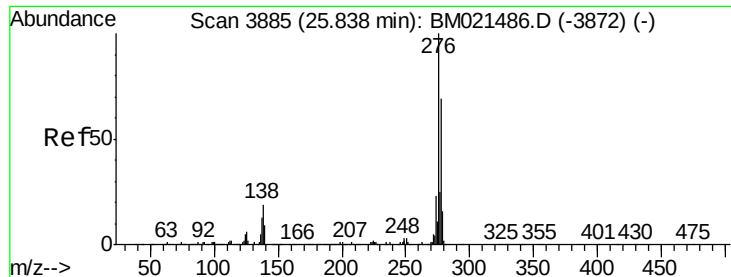


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Indeno(1,2,3-cd)pyrene

Concen: 13.925 ng/ul

RT: 25.85 min Scan# 3887

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 16:26

Instrument :

BNA_M

ClientSampleId :

A52T9

Tot Ion:276 Resp: 1247218

Ion Ratio Lower Upper

276 100

138 15.0 14.8 22.2

277 23.2 20.0 30.0

