

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
 Data File : BM021694.D
 Acq On : 29 Jul 2019 13:22
 Operator : HP/JU
 Sample : K3890-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52U6

Quant Time: Jul 29 14:14:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 26 18:42:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	147667	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	622271	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	425303	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	865672	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	650542	20.00	ng/ul	0.00
85) Perylene-d12	23.52	264	681217	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	17476	5.69	ng/uL	0.00
5) Phenol-d5	6.86	99	363214	32.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	205718	32.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	299288	32.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	310671	33.33	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	155504	33.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	177567	34.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	363660	33.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	371347	35.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1127375	34.35	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1279656	32.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	168697	33.86	ng/ul	0.00
57) Fluorene-d10	15.33	176	961769	33.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	198394	36.87	ng/ul	0.00
70) Anthracene-d10	17.18	188	1480378	33.98	ng/ul	0.00
78) Pyrene-d10	19.48	212	1461507	40.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	1269390	35.22	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	6.89	94	206167	17.392	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.12	93	456902	51.286	ng/ul 97
11) 2-Methylphenol	8.13	108	484438	53.053	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.50	70	432273	56.830	ng/ul 98
16) 4-Methylphenol	8.46	108	530027	52.479	ng/ul 87
17) Hexachloroethane	8.74	117	145982	32.266	ng/ul 93
21) Isophorone	9.41	82	794310	35.540	ng/ul 99
24) 2,4-Dimethylphenol	9.65	107	485904	40.212	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.89	93	571993	42.327	ng/ul 100
27) 2,4-Dichlorophenol	10.12	162	160044	14.567	ng/ul 98
28) Naphthalene	10.51	128	698417	20.374	ng/ul 99
31) Hexachlorobutadiene	10.77	225	435699	51.545	ng/ul 98
32) Caprolactam	11.45	113	111085	40.292	ng/ul 94
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	547488	32.965	ng/ul 99
37) Hexachlorocyclopentadiene	12.46	237	216062	23.733	ng/ul 100
39) 2,4,5-Trichlorophenol	12.83	196	374580	35.450	ng/ul 98
41) 2-Chloronaphthalene	13.20	162	470477	16.783	ng/ul 100
44) Dimethylphthalate	13.79	163	611147	17.937	ng/ul 99
47) Acenaphthylene	14.05	152	821750	19.656	ng/ul 99
48) 3-Nitroaniline	14.26	138	313277	68.085	ng/ul 90
49) Acenaphthene	14.39	153	863602	29.632	ng/ul 98
50) 2,4-Dinitrophenol	14.47	184	155015	44.529	ng/ul 97
53) Dibenzofuran	14.73	168	719801	16.811	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

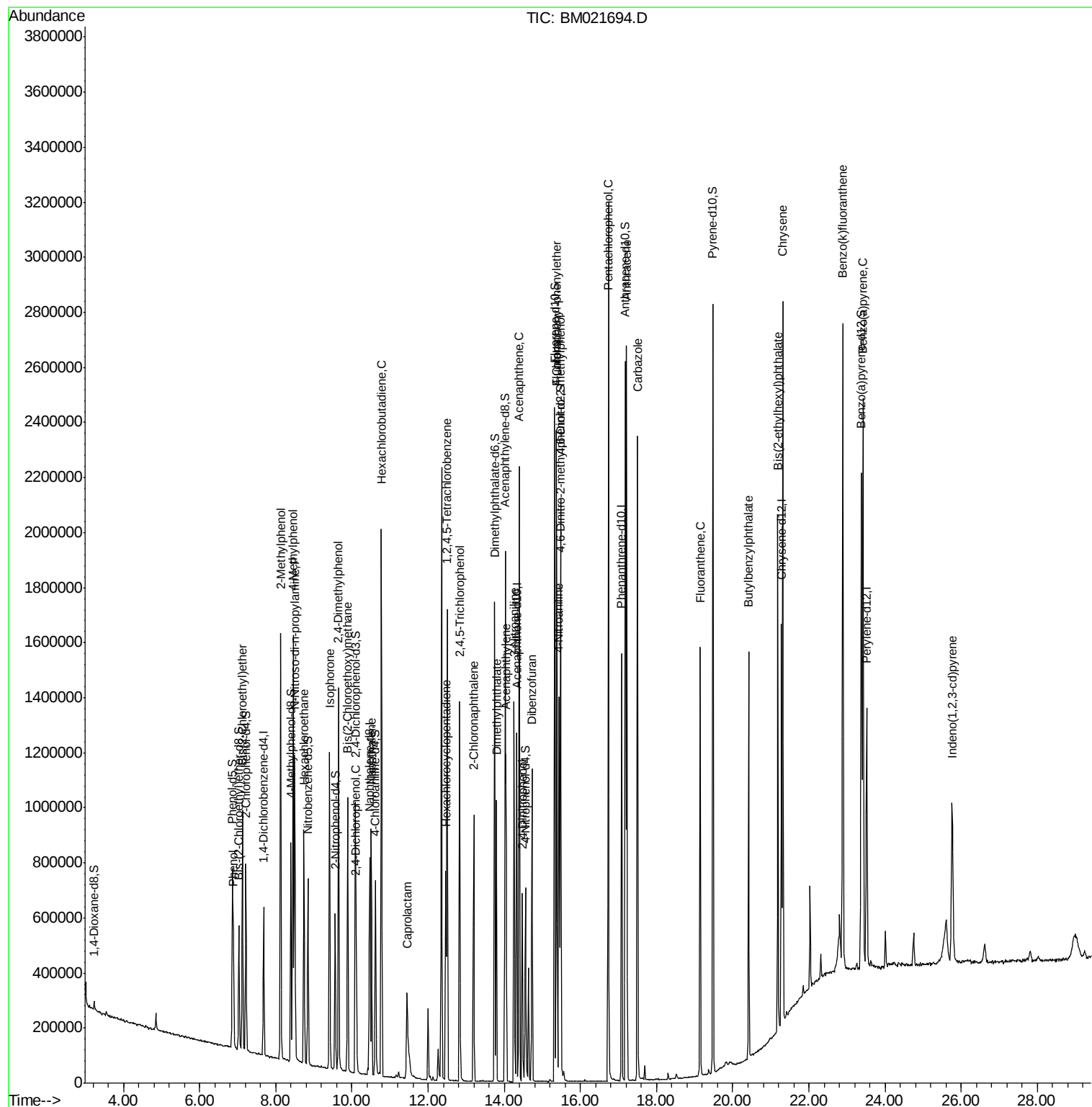
58) Fluorene	15.38	166	243509	7.112	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.37	204	535445	27.976	ng/ul	99
60) 4-Nitroaniline	15.43	138	351589	75.030	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.49	198	417851	69.566	ng/ul#	94
68) Pentachlorophenol	16.73	266	590045	74.580	ng/ul	99
71) Anthracene	17.22	178	1573144	29.455	ng/ul	100
74) Carbazole	17.50	167	1523227	34.448	ng/ul	100
76) Fluoranthene	19.14	202	956340	15.723	ng/ul	98
80) Butylbenzylphthalate	20.42	149	396193	26.457	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.19	149	571499	26.509	ng/ul	100
84) Chrysene	21.32	228	1338993	29.981	ng/ul	100
88) Benzo(k)fluoranthene	22.89	252	1618826	35.724	ng/ul	99
90) Benzo(a)pyrene	23.42	252	1559716	35.941	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.76	276	708767	14.084	ng/ul	96

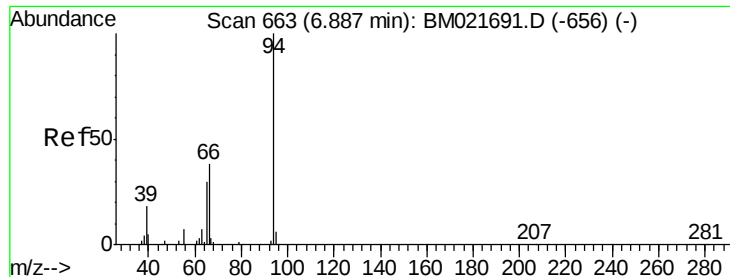
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 17.392 ng/ul

RT: 6.89 min Scan# 663

Delta R.T. 0.00 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

Instrument :

BNA_M

ClientSampleId :

A52U6

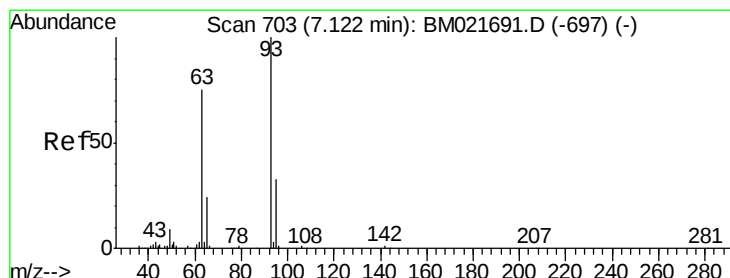
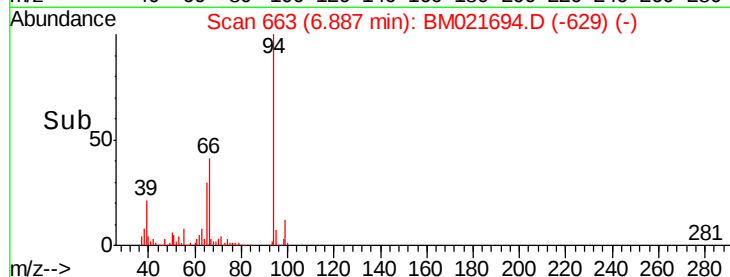
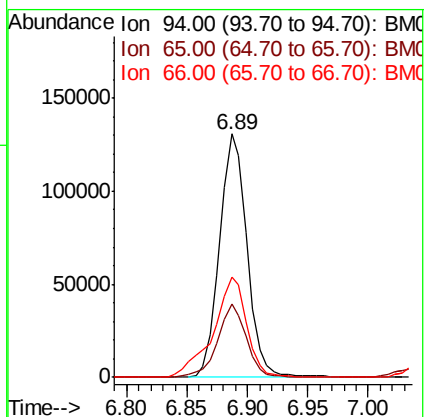
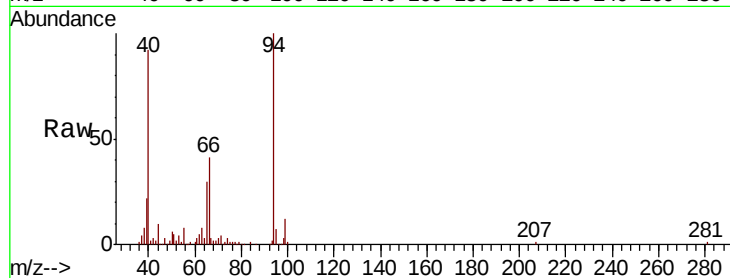
Tot Ion: 94 Resp: 206167

Ion Ratio Lower Upper

94 100

65 30.3 24.8 37.2

66 41.2 33.0 49.4



#8

Bis(2-Chloroethyl)ether

Concen: 51.286 ng/ul

RT: 7.12 min Scan# 703

Delta R.T. 0.00 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

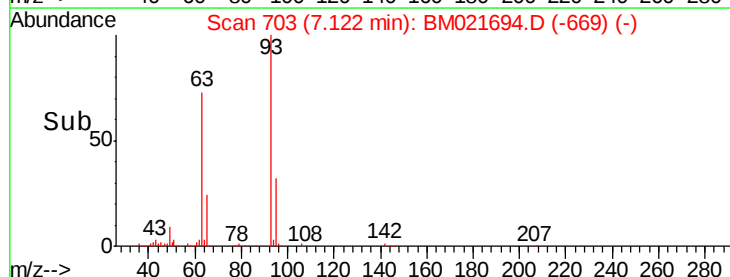
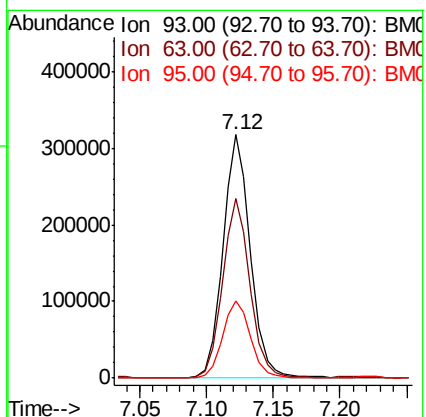
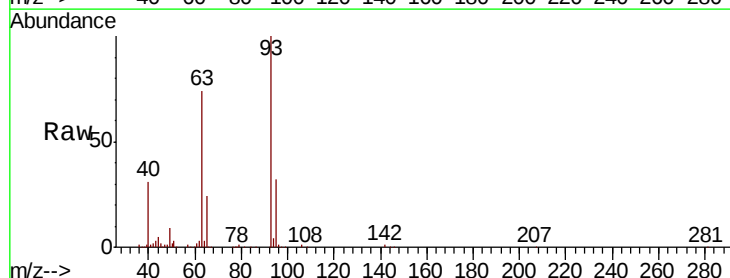
Tgt Ion: 93 Resp: 456902

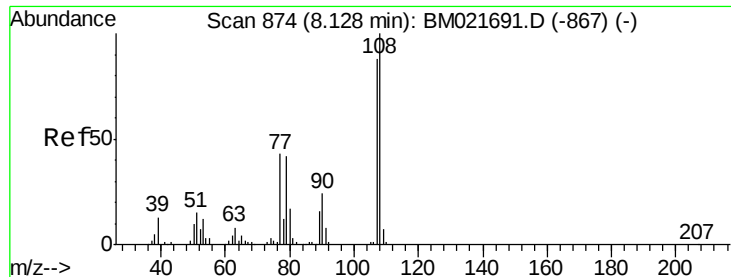
Ion Ratio Lower Upper

93 100

63 73.5 61.2 91.8

95 31.9 26.2 39.4

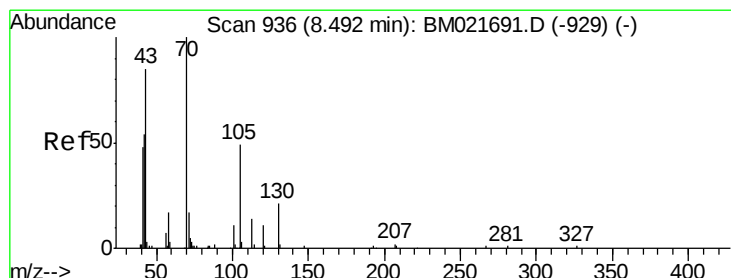
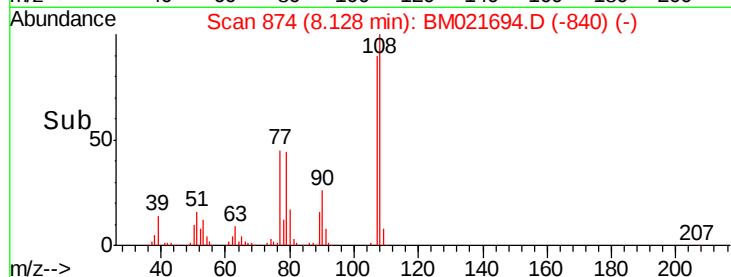
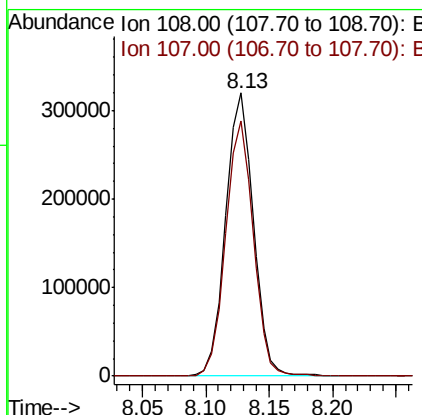
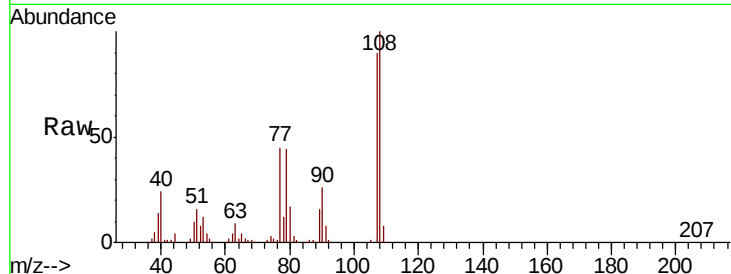




#11
2-Methylphenol
Concen: 53.053 ng/ul
RT: 8.13 min Scan# 874
Delta R.T. 0.00 min
Lab File: BM021694.D
Acq: 29 Jul 2019 13:22

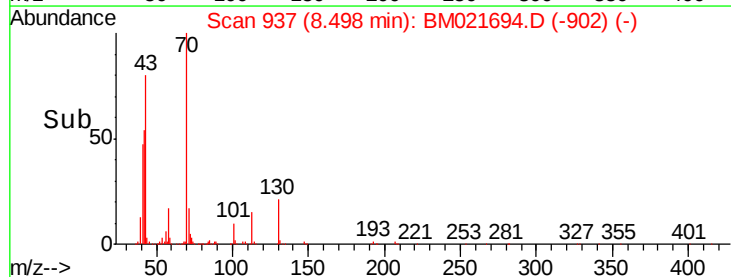
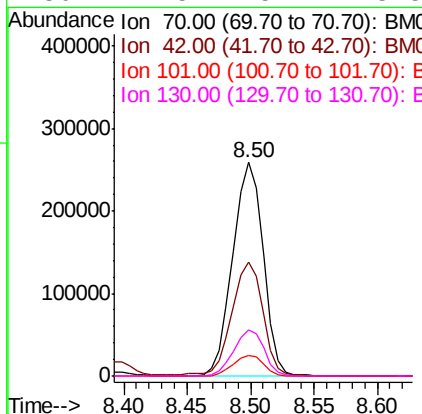
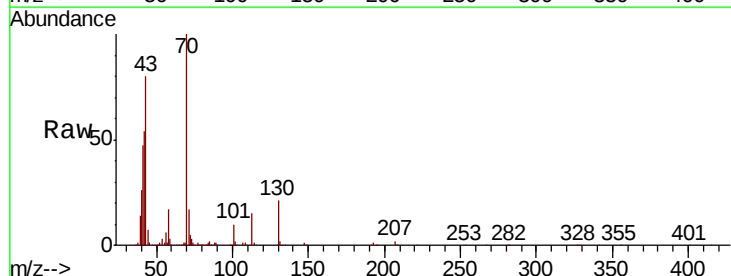
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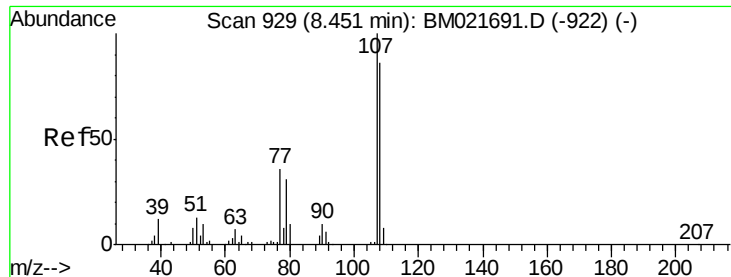
Tot Ion:108 Resp: 484438
Ion Ratio Lower Upper
108 100
107 90.2 72.2 108.4



#15
N-Nitroso-di-n-propylamine
Concen: 56.830 ng/ul
RT: 8.50 min Scan# 937
Delta R.T. 0.01 min
Lab File: BM021694.D
Acq: 29 Jul 2019 13:22

Tgt Ion: 70 Resp: 432273
Ion Ratio Lower Upper
70 100
42 53.6 43.2 64.8
101 9.6 7.0 10.6
130 21.5 15.7 23.5





#16

4-Methylphenol

Concen: 52.479 ng/ul

RT: 8.46 min Scan# 930

Delta R.T. 0.00 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

Instrument :

BNA_M

ClientSampleId :

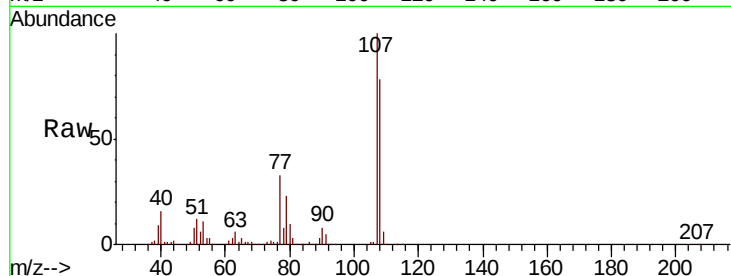
A52U6

Tot Ion:108 Resp: 530027

Ion Ratio Lower Upper

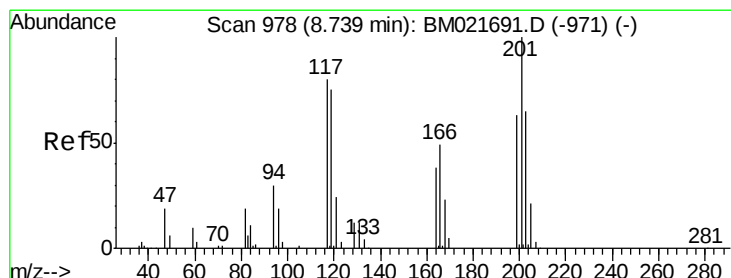
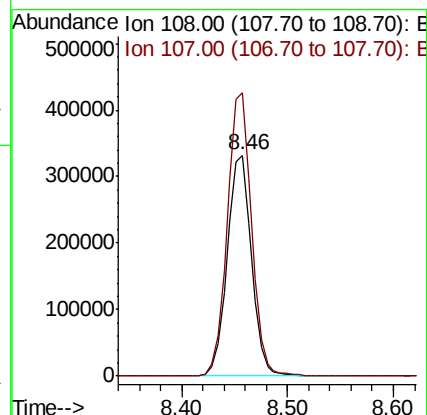
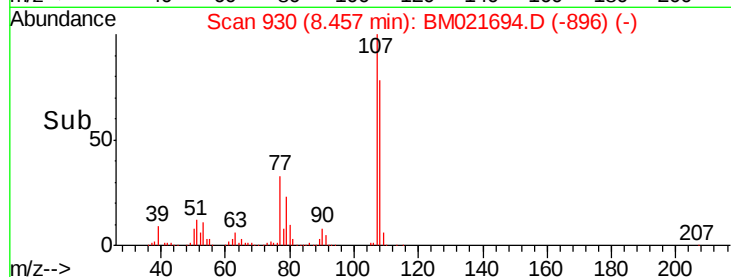
108 100

107 128.2 91.2 136.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#17

Hexachloroethane

Concen: 32.266 ng/ul

RT: 8.74 min Scan# 978

Delta R.T. 0.00 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

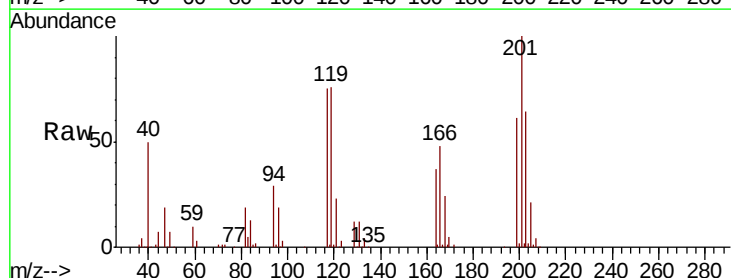
Tgt Ion:117 Resp: 145982

Ion Ratio Lower Upper

117 100

201 132.7 99.3 148.9

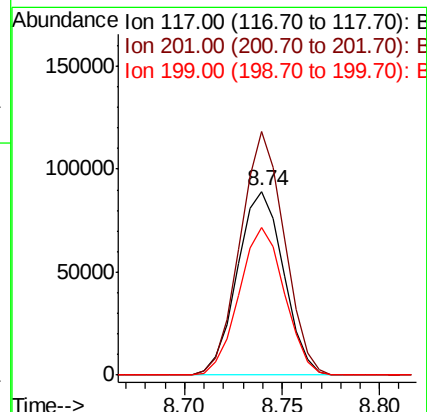
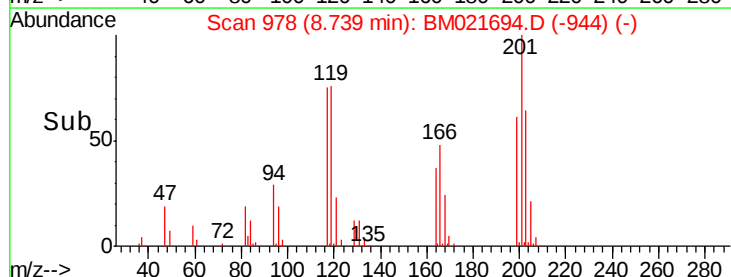
199 80.5 60.0 90.0

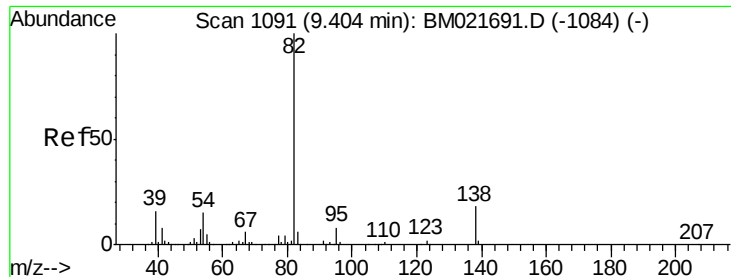


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#21

Isophorone

Concen: 35.540 ng/ul

RT: 9.41 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

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A52U6

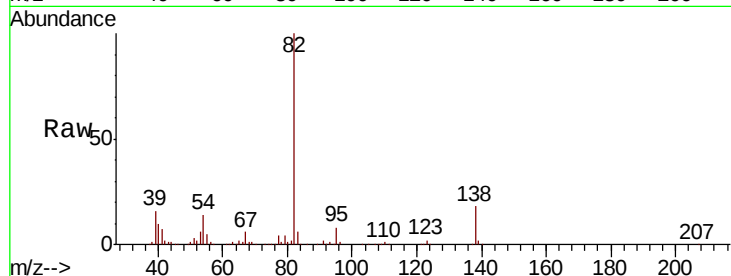
Tot Ion: 82 Resp: 794310

Ion Ratio Lower Upper

82 100

95 7.8 6.2 9.2

138 18.1 14.1 21.1



Abundance Ion 82.00 (81.70 to 82.70): BM021694.D (-1084) (-)

Ion 95.00 (94.70 to 95.70): BM021694.D (-1084) (-)

Ion 138.00 (137.70 to 138.70): BM021694.D (-1084) (-)

9.41

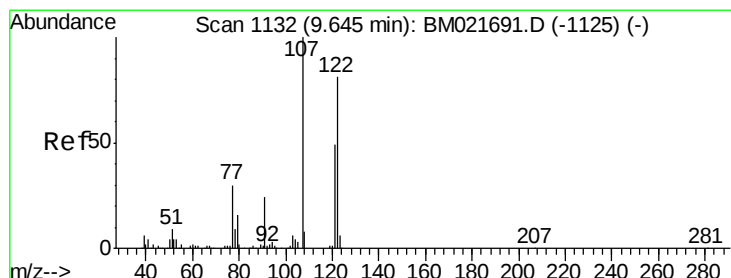
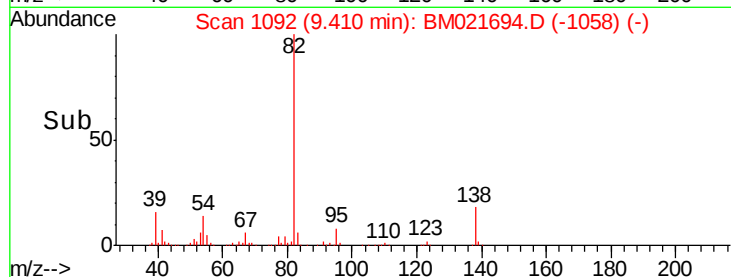
400000

200000

0

9.35 9.40 9.45 9.50

Time-->



#24

2,4-Dimethylphenol

Concen: 40.212 ng/ul

RT: 9.65 min Scan# 1133

Delta R.T. 0.01 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

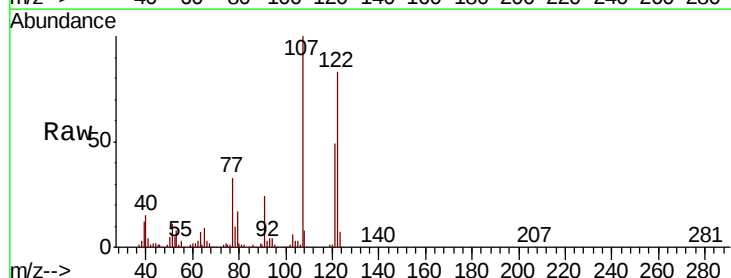
Tgt Ion: 107 Resp: 485904

Ion Ratio Lower Upper

107 100

121 48.8 40.2 60.4

122 82.6 65.7 98.5



Abundance Ion 107.00 (106.70 to 107.70): BM021694.D (-1098) (-)

Ion 121.00 (120.70 to 121.70): BM021694.D (-1098) (-)

Ion 122.00 (121.70 to 122.70): BM021694.D (-1098) (-)

9.65

400000

300000

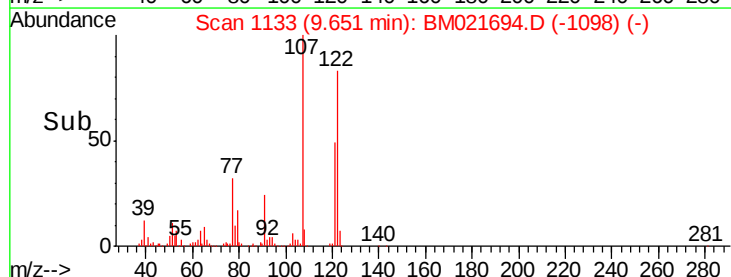
200000

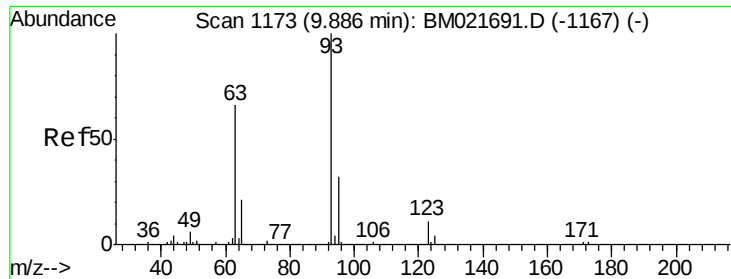
100000

0

9.55 9.60 9.65 9.70 9.75

Time-->





#25

Bis(2-Chloroethoxy)methane

Concen: 42.327 ng/ul

RT: 9.89 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BM021694.D

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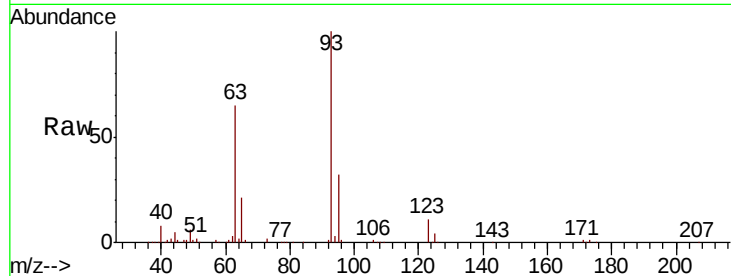
Tot Ion: 93 Resp: 571993

Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

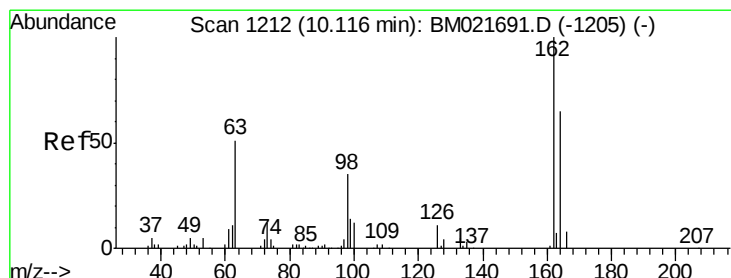
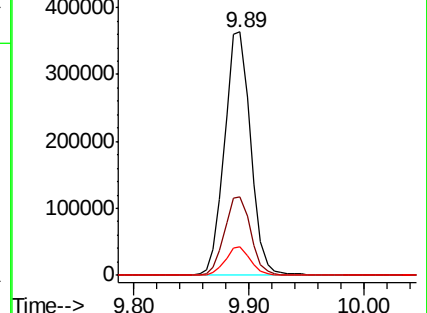
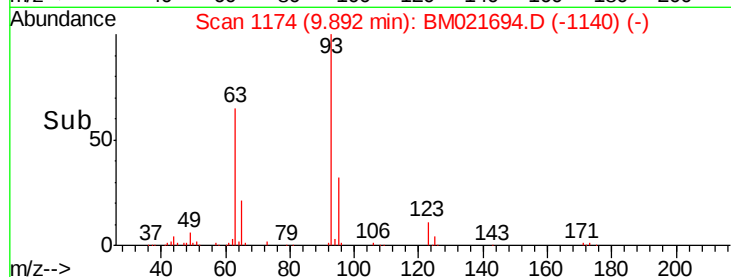
123 11.5 9.2 13.8



Abundance Ion 93.00 (92.70 to 93.70): BM021694.D (-1167) (-)

Ion 95.00 (94.70 to 95.70): BM021694.D (-1167) (-)

Ion 123.00 (122.70 to 123.70): BM021694.D (-1167) (-)



#27

2,4-Dichlorophenol

Concen: 14.567 ng/ul

RT: 10.12 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

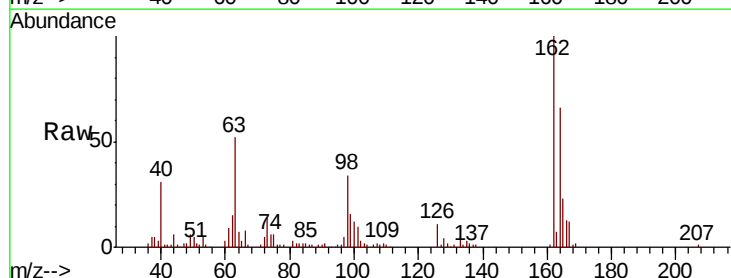
Tgt Ion: 162 Resp: 160044

Ion Ratio Lower Upper

162 100

164 66.1 51.5 77.3

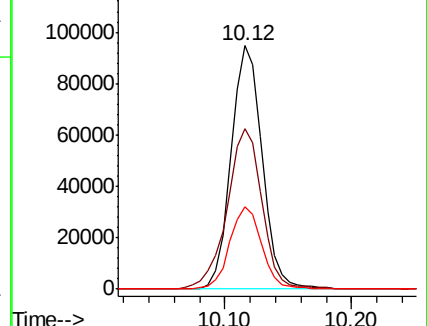
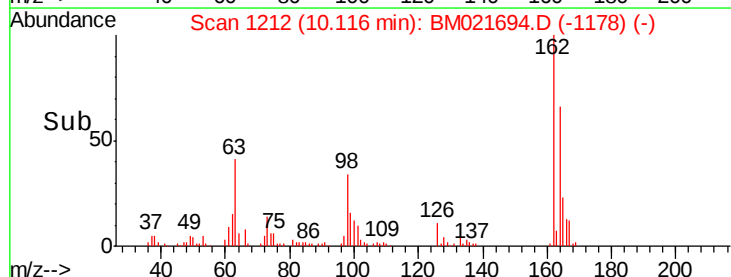
98 33.9 28.5 42.7

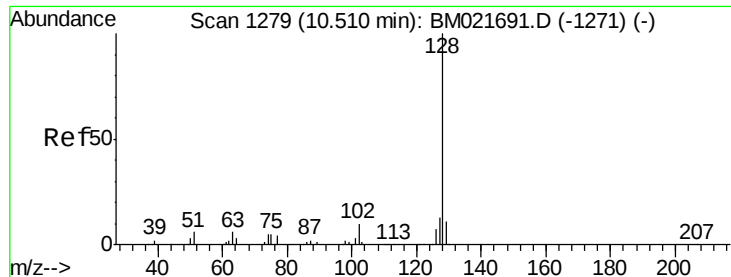


Abundance Ion 162.00 (161.70 to 162.70): BM021694.D (-1205) (-)

Ion 164.00 (163.70 to 164.70): BM021694.D (-1205) (-)

Ion 98.00 (97.70 to 98.70): BM021694.D (-1205) (-)





#28

Naphthalene

Concen: 20.374 ng/ul

RT: 10.51 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

Instrument :

BNA_M

ClientSampled :

A52U6

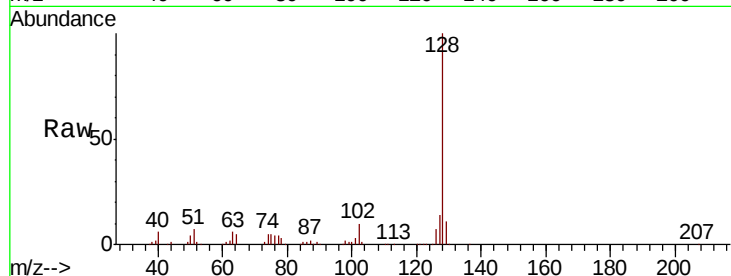
Tot Ion:128 Resp: 698417

Ion Ratio Lower Upper

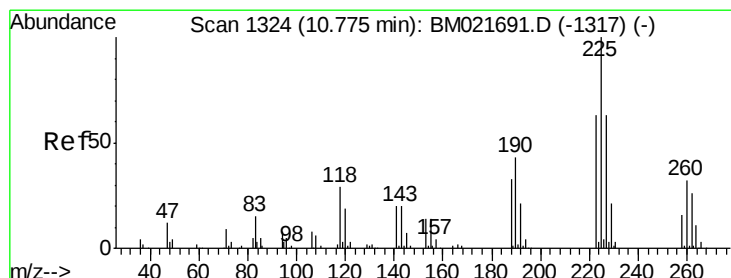
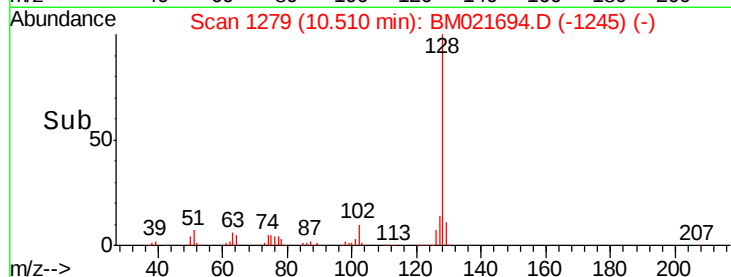
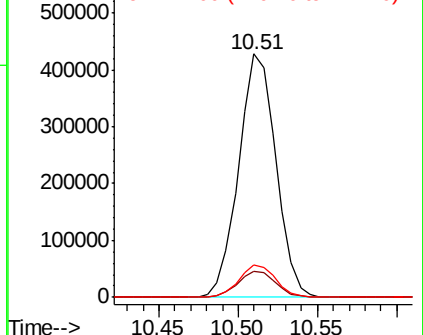
128 100

129 10.9 9.0 13.4

127 13.6 10.5 15.7



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: 51.545 ng/ul

RT: 10.77 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

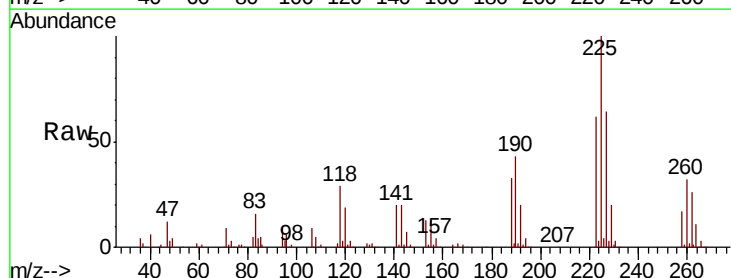
Tgt Ion:225 Resp: 435699

Ion Ratio Lower Upper

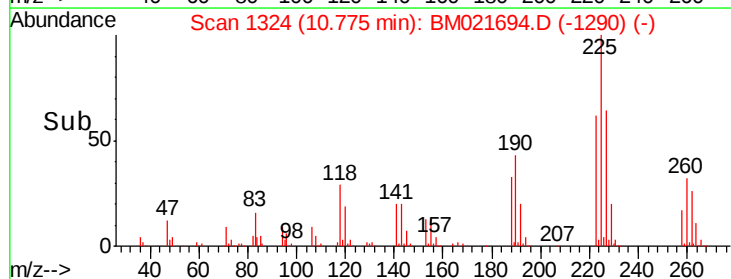
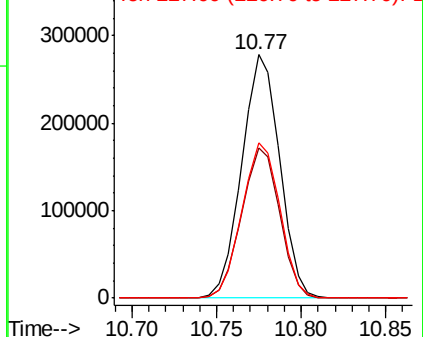
225 100

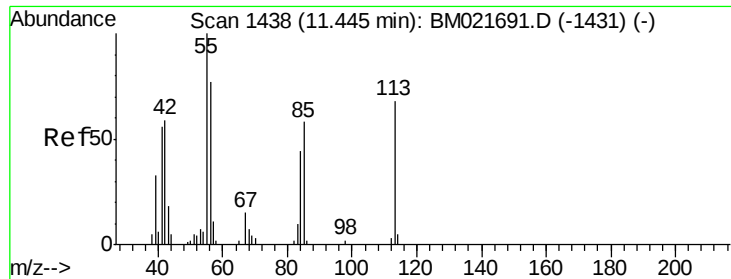
223 61.5 50.6 76.0

227 64.0 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





#32

Caprolactam

Concen: 40.292 ng/ul

RT: 11.45 min Scan# 1438

Delta R.T. -0.05 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

Instrument :

BNA_M

ClientSampleId :

A52U6

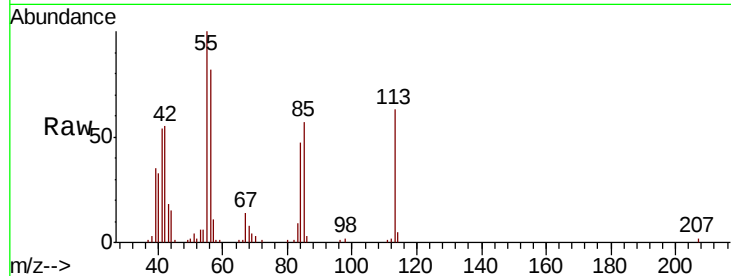
Tot Ion:113 Resp: 111085

Ion Ratio Lower Upper

113 100

55 157.7 120.7 181.1

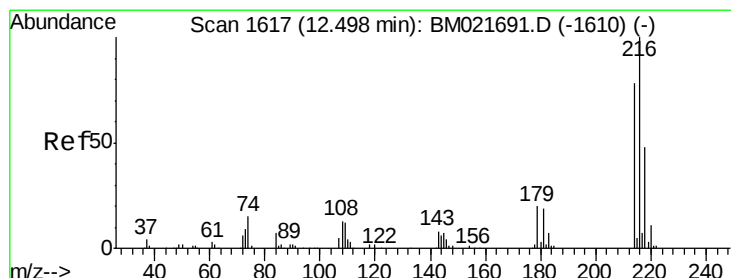
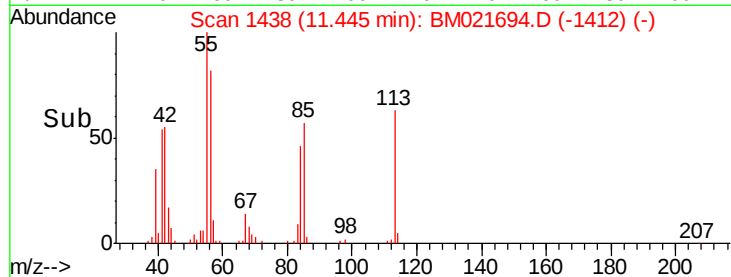
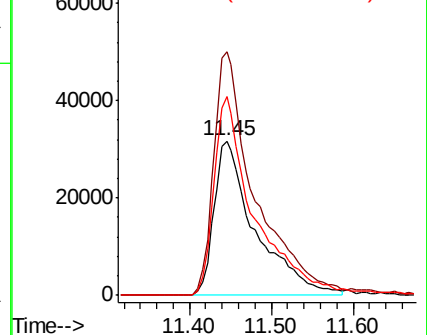
56 129.2 96.4 144.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

1,2,4,5-Tetrachlorobenzene

Concen: 32.965 ng/ul

RT: 12.50 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

Tgt Ion:216 Resp: 547488

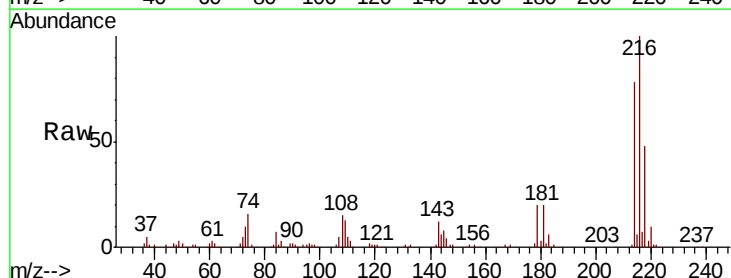
Ion Ratio Lower Upper

216 100

214 78.3 63.4 95.0

179 20.0 16.3 24.5

108 14.9 11.9 17.9

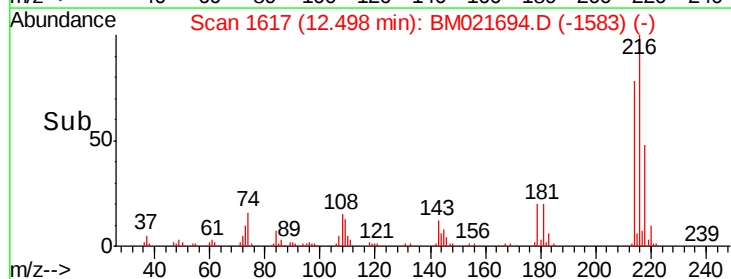
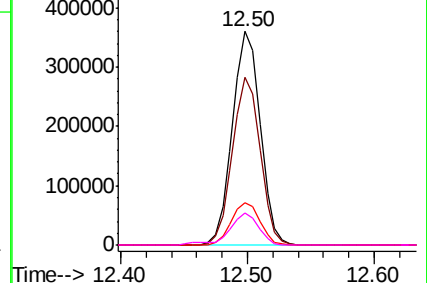


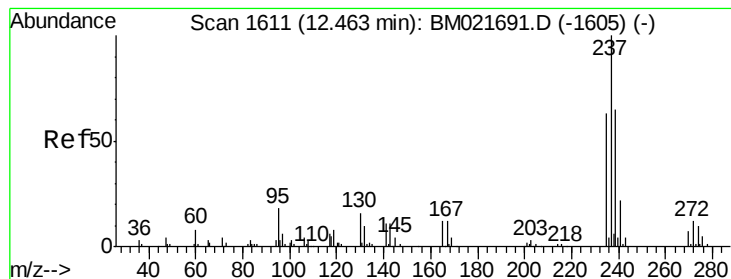
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#37

Hexachlorocyclopentadiene

Concen: 23.733 ng/ul

RT: 12.46 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

Instrument :

BNA_M

ClientSampleId :

A52U6

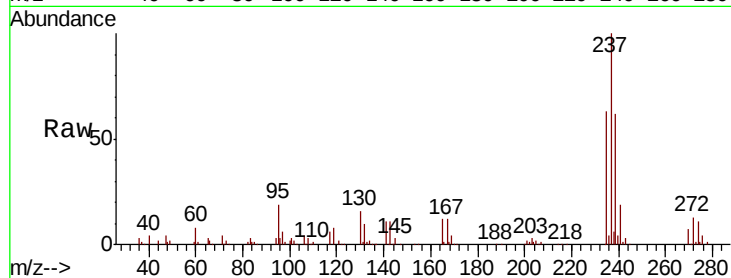
Tot Ion:237 Resp: 216062

Ion Ratio Lower Upper

237 100

235 62.8 50.4 75.6

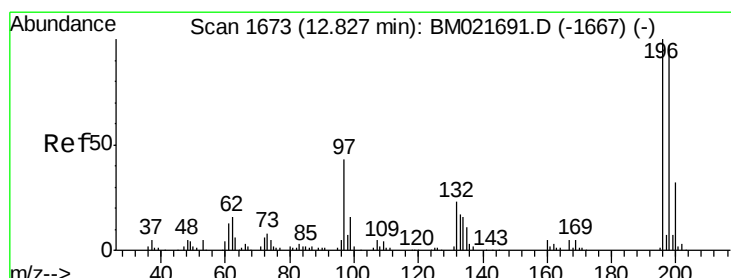
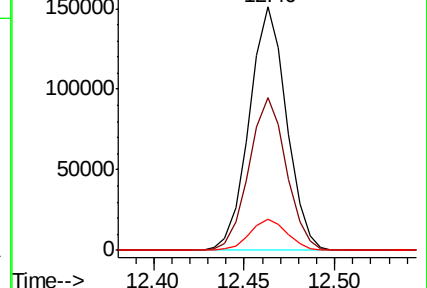
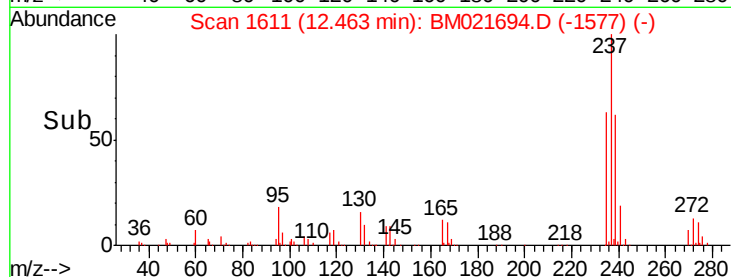
272 12.8 10.2 15.4



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: 35.450 ng/ul

RT: 12.83 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

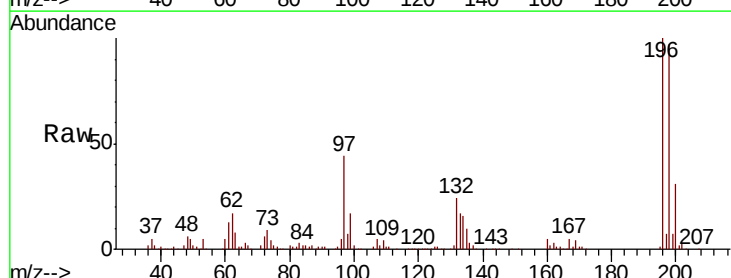
Tgt Ion:196 Resp: 374580

Ion Ratio Lower Upper

196 100

198 96.6 78.6 118.0

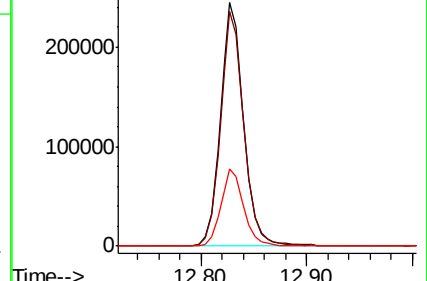
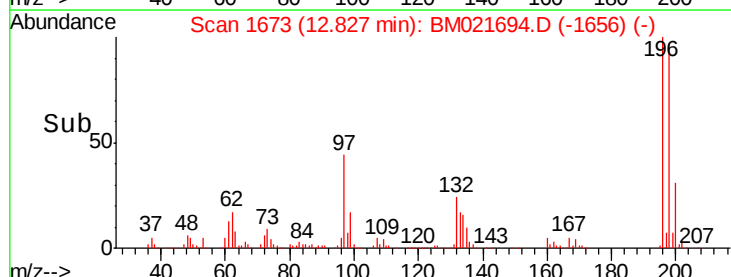
200 31.5 24.7 37.1

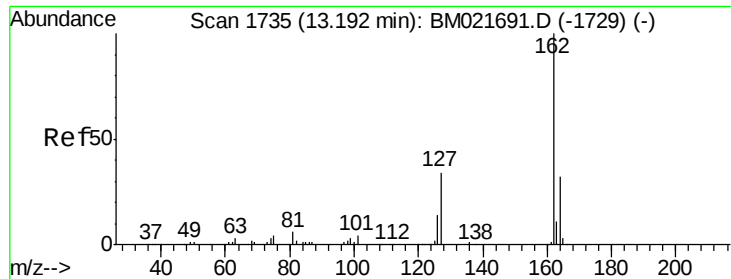


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

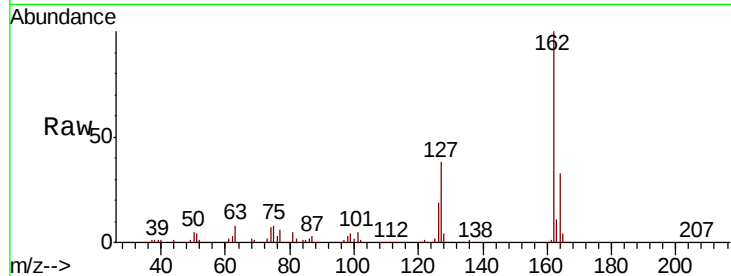




#41
2-Chloronaphthalene
Concen: 16.783 ng/ul
RT: 13.20 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BM021694.D
Acq: 29 Jul 2019 13:22

Instrument :
BNA_M
ClientSampleId :
A52U6

Tot Ion	Ratio	Lower	Upper
162	100		
164	32.9	26.1	39.1
127	37.9	30.3	45.5

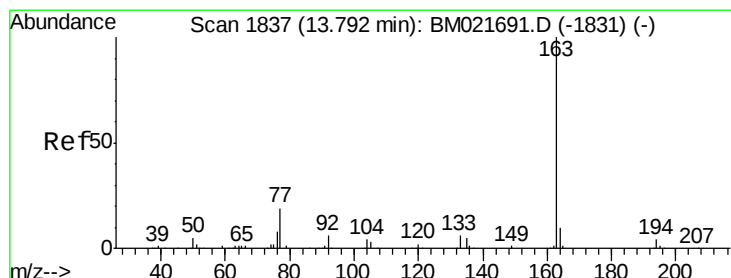
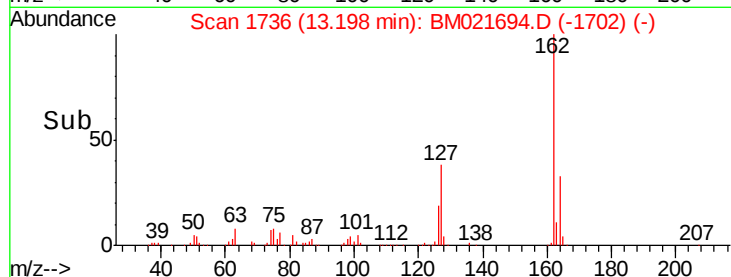
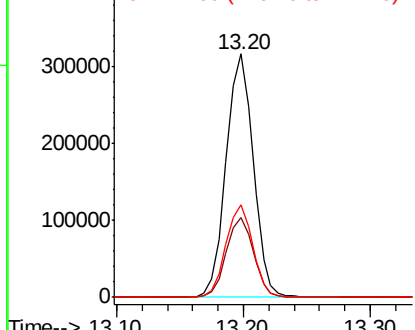


Abundance

Ion 162.00 (161.70 to 162.70): E

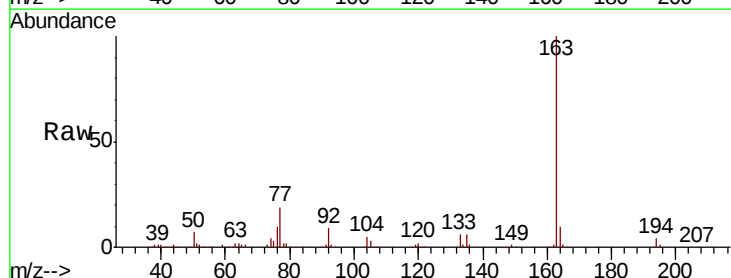
Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#44
Dimethylphthalate
Concen: 17.937 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BM021694.D
Acq: 29 Jul 2019 13:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.9	8.1	12.1

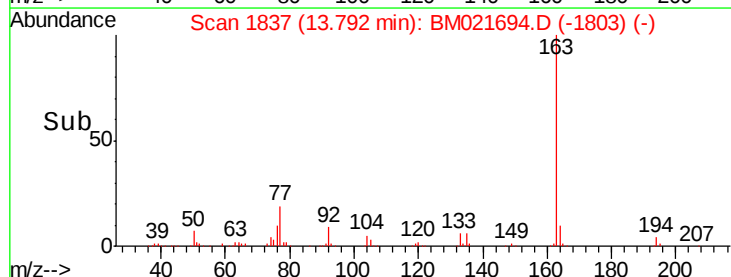
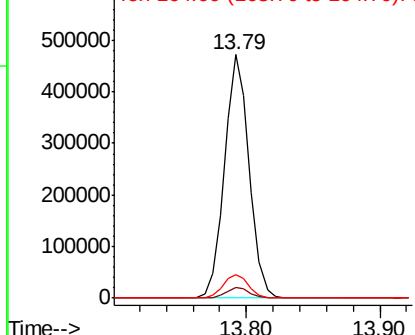


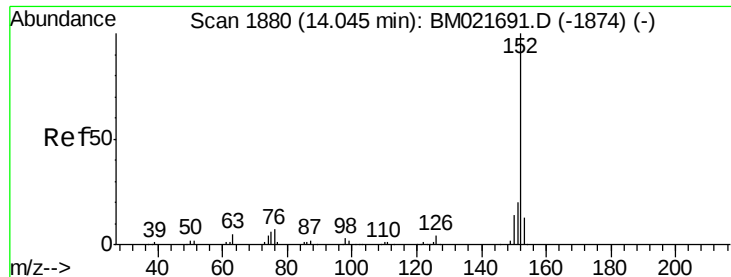
Abundance

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





#47

Acenaphthylene

Concen: 19.656 ng/ul

RT: 14.05 min Scan# 1881

Delta R.T. 0.00 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

Instrument :

BNA_M

ClientSampleId :

A52U6

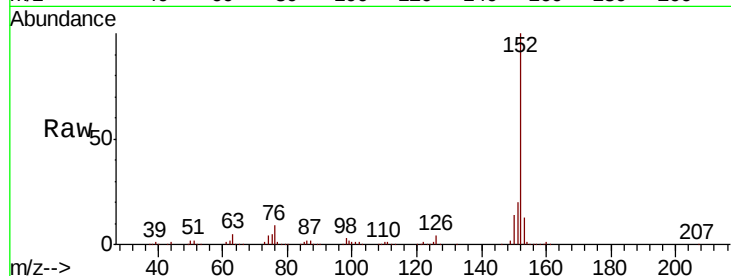
Tot Ion:152 Resp: 821750

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

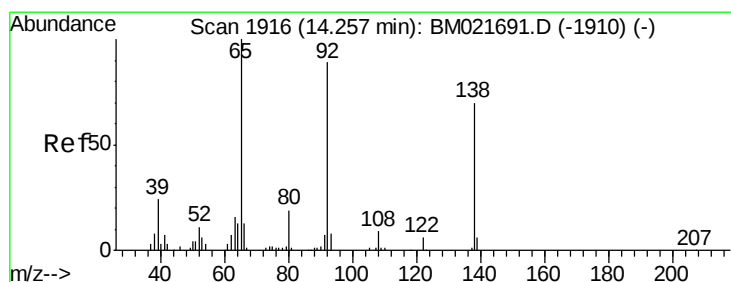
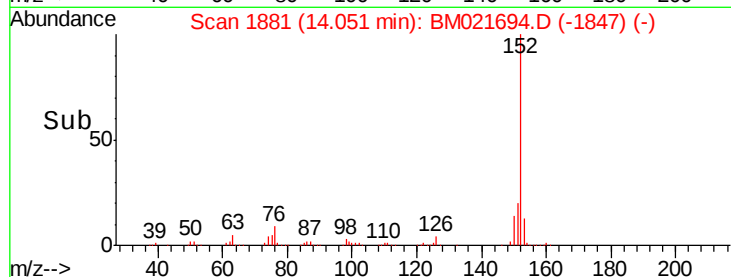
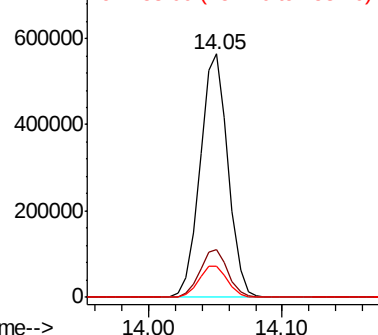
153 12.9 10.4 15.6



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: 68.085 ng/ul

RT: 14.26 min Scan# 1917

Delta R.T. 0.01 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

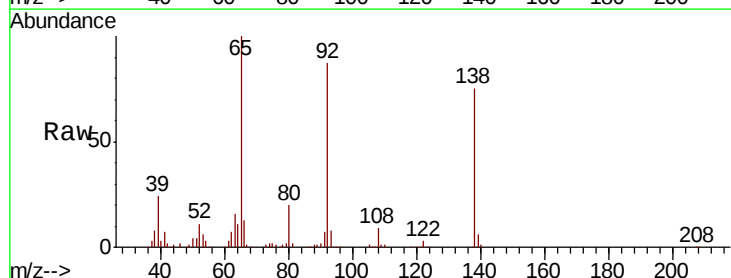
Tgt Ion:138 Resp: 313277

Ion Ratio Lower Upper

138 100

108 11.4 10.0 15.0

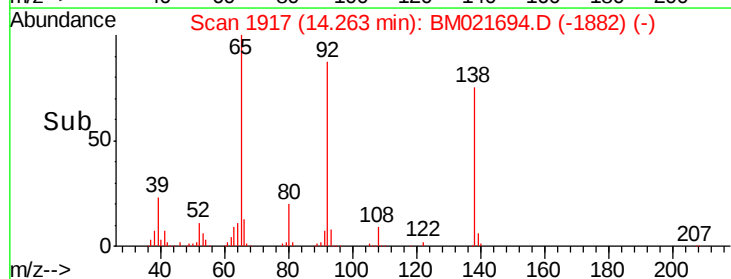
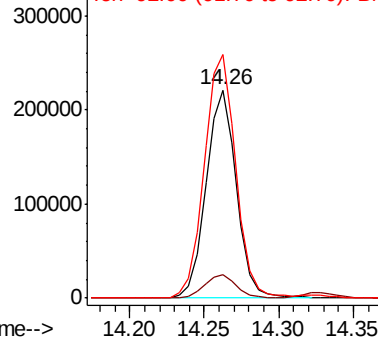
92 117.0 103.6 155.4

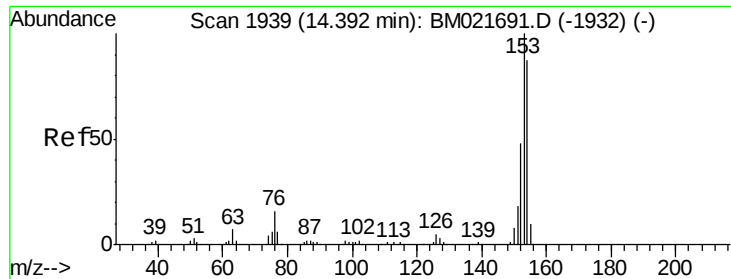


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 29.632 ng/ul

RT: 14.39 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

Instrument :

BNA_M

ClientSampleId :

A52U6

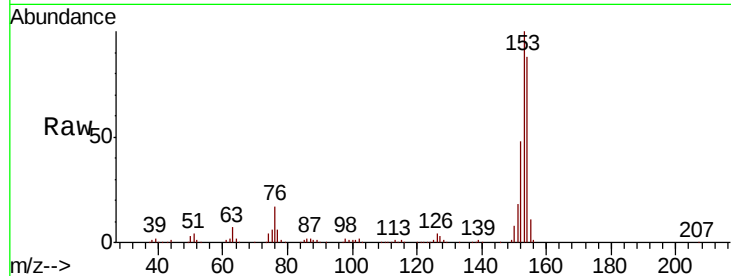
Tot Ion:153 Resp: 863602

Ion Ratio Lower Upper

153 100

152 48.1 38.7 58.1

154 88.5 69.2 103.8

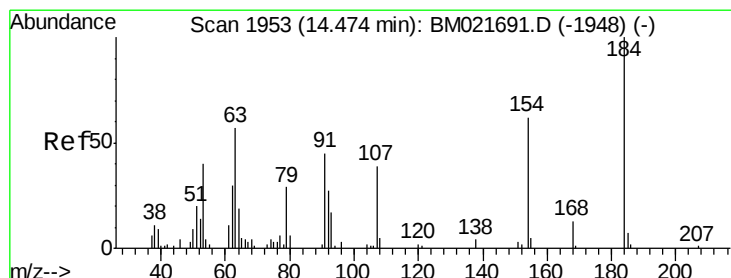
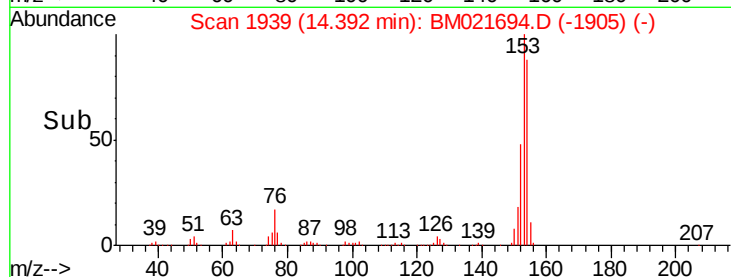
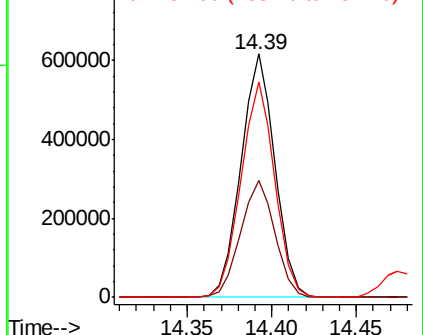


Abundance

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: 44.529 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

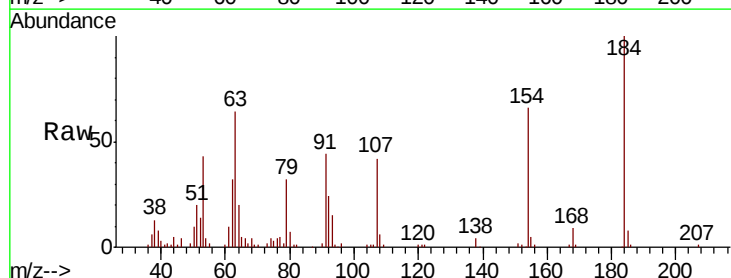
Tgt Ion:184 Resp: 155015

Ion Ratio Lower Upper

184 100

63 63.6 53.6 80.4

154 65.6 53.8 80.8

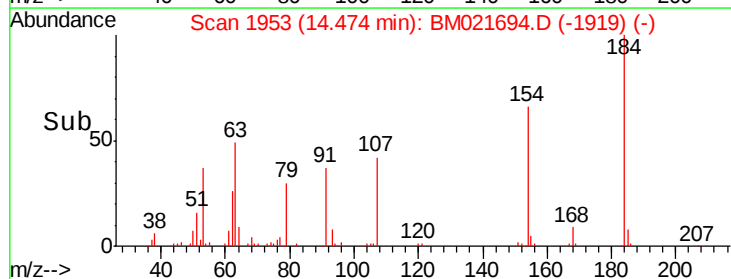
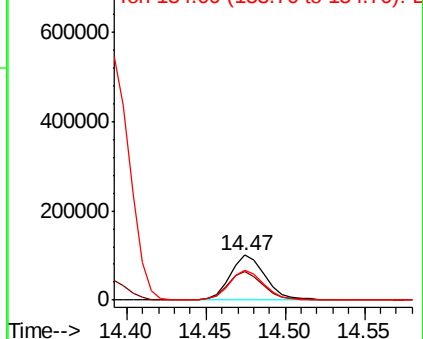


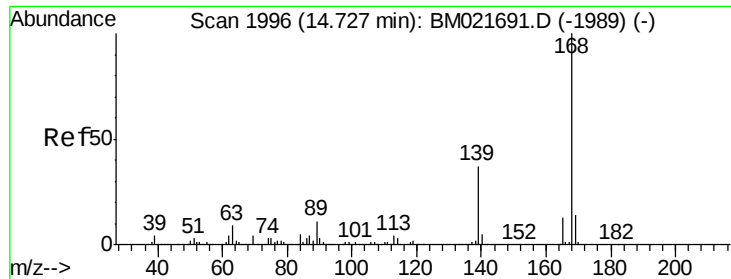
Abundance

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: 16.811 ng/ul

RT: 14.73 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

Instrument :

BNA_M

ClientSampleId :

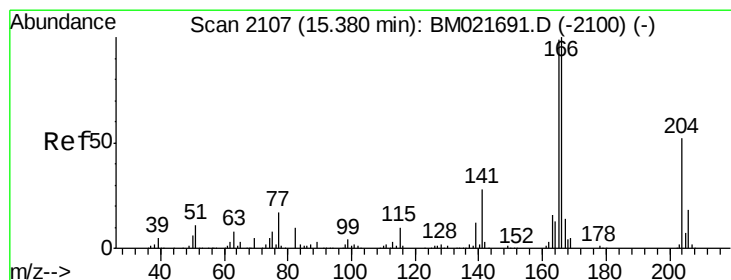
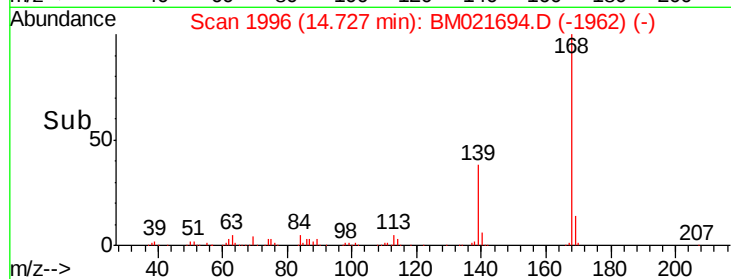
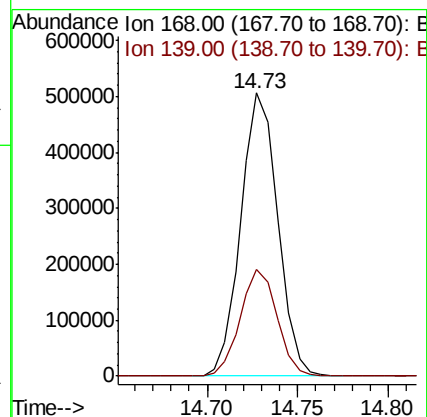
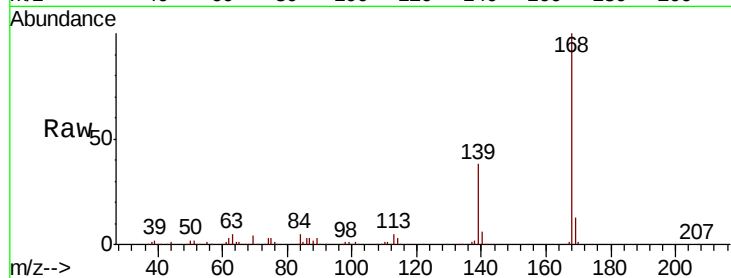
A52U6

Tot Ion:168 Resp: 719801

Ion Ratio Lower Upper

168 100

139 37.6 30.3 45.5



#58

Fluorene

Concen: 7.112 ng/ul

RT: 15.38 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

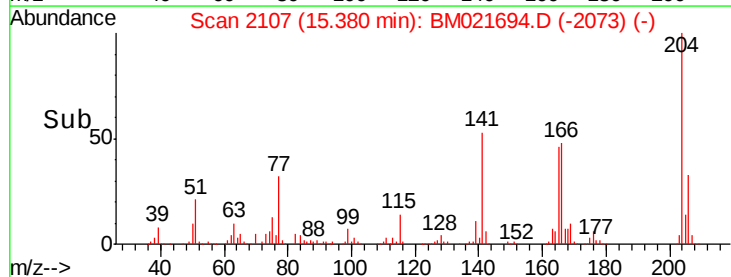
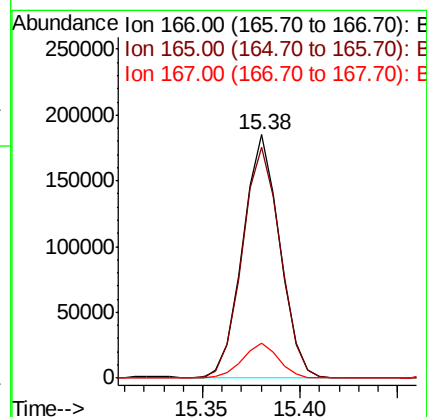
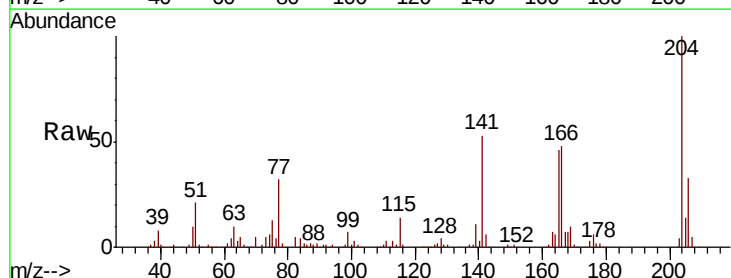
Tgt Ion:166 Resp: 243509

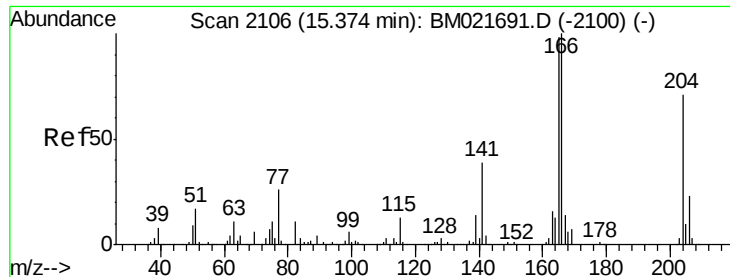
Ion Ratio Lower Upper

166 100

165 94.6 79.0 118.6

167 14.3 10.8 16.2

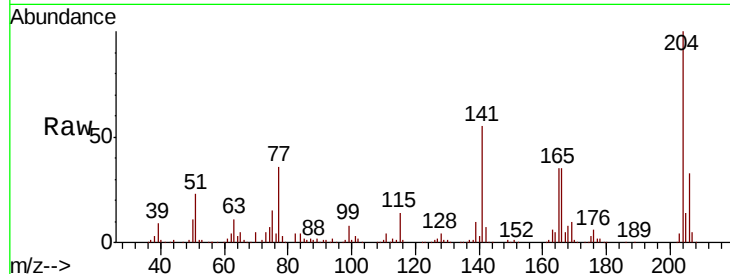




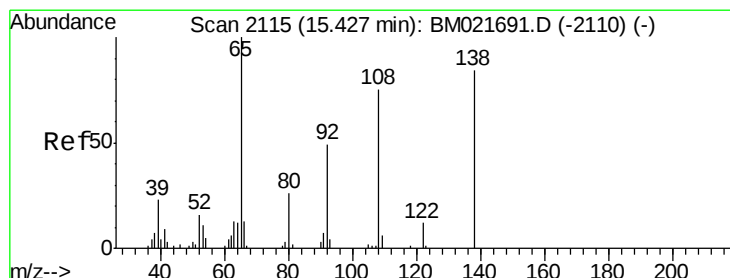
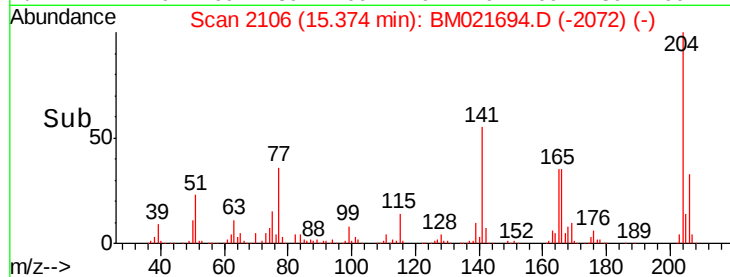
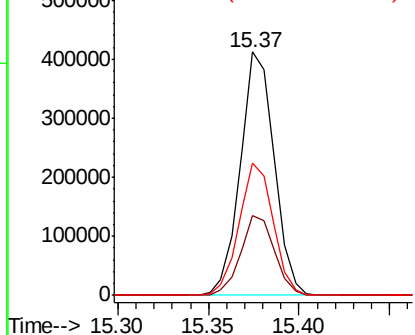
#59
 4-Chlorophenyl-phenylether
 Concen: 27.976 ng/ul
 RT: 15.37 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: BM021694.D
 Acq: 29 Jul 2019 13:22

Instrument :
 BNA_M
 ClientSampleId :
 A52U6

Tot Ion:	204	Resp:	535445
Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.4	39.6
141	54.5	44.2	66.4

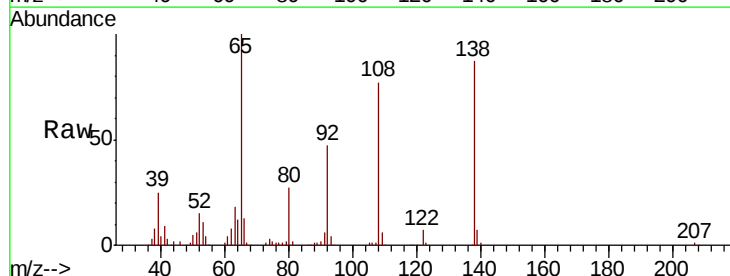


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

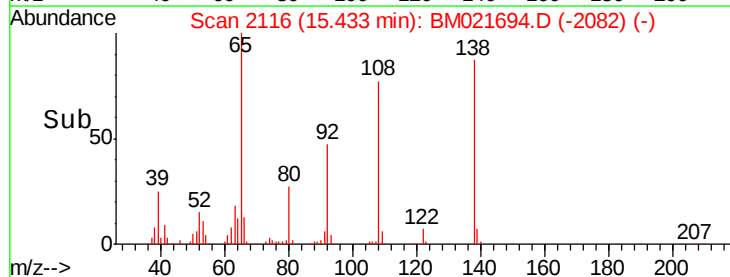
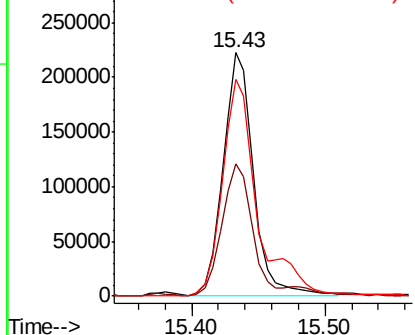


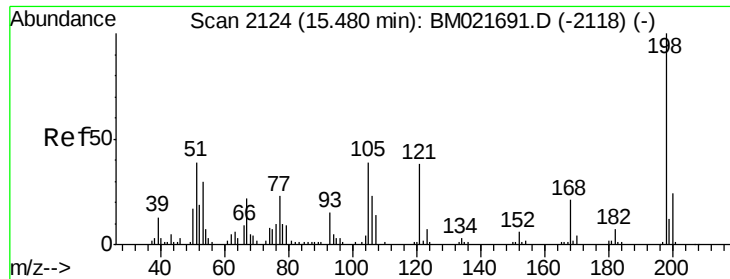
#60
 4-Nitroaniline
 Concen: 75.030 ng/ul
 RT: 15.43 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: BM021694.D
 Acq: 29 Jul 2019 13:22

Tgt Ion:	138	Resp:	351589
Ion	Ratio	Lower	Upper
138	100		
92	54.4	43.7	65.5
108	89.2	72.1	108.1



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 108.00 (107.70 to 108.70): E

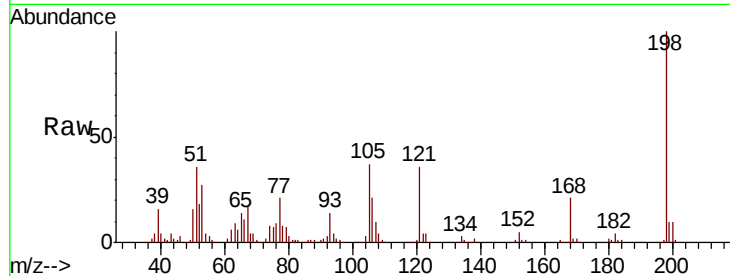




#63
 4,6-Dinitro-2-methylphenol
 Concen: 69.566 ng/ul
 RT: 15.49 min Scan# 2125
 Delta R.T. 0.01 min
 Lab File: BM021694.D
 Acq: 29 Jul 2019 13:22

Instrument :
 BNA_M
 ClientSampleId :
 A52U6

Tot Ion	Ratio	Lower	Upper
198	100		
182	4.4	5.6	8.4#
77	21.2	19.3	28.9

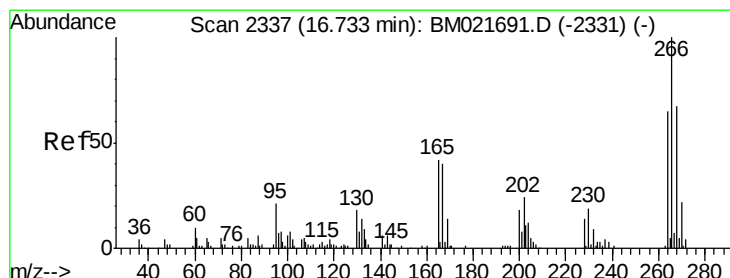
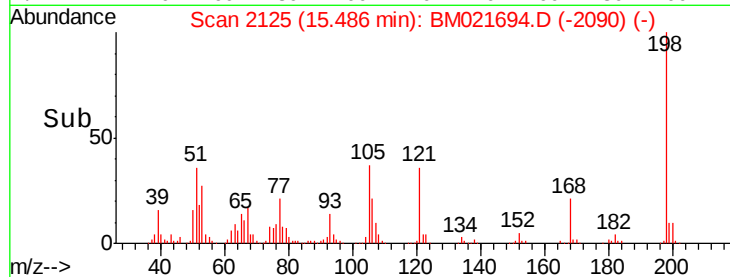
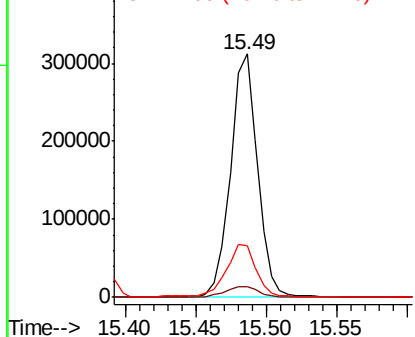


Abundance

Ion 198.00 (197.70 to 198.70): E

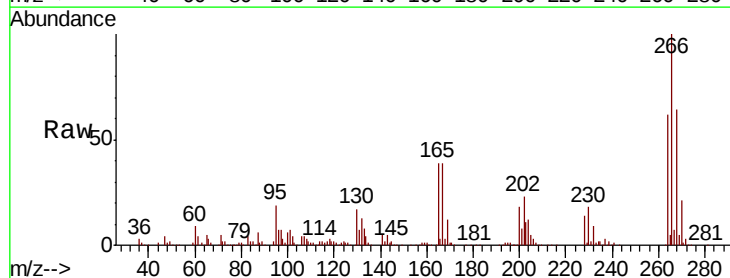
Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BMO



#68
 Pentachlorophenol
 Concen: 74.580 ng/ul
 RT: 16.73 min Scan# 2337
 Delta R.T. 0.00 min
 Lab File: BM021694.D
 Acq: 29 Jul 2019 13:22

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.1	48.2	72.2
268	63.9	51.0	76.6

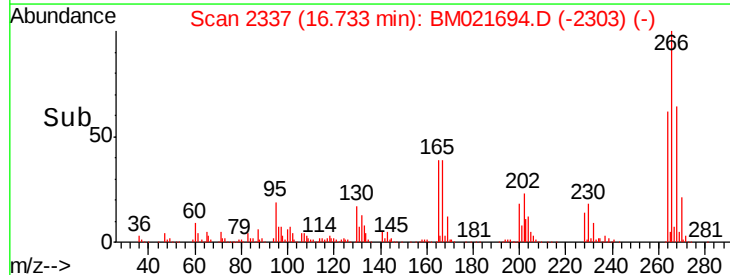
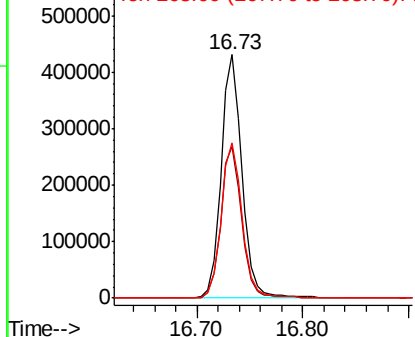


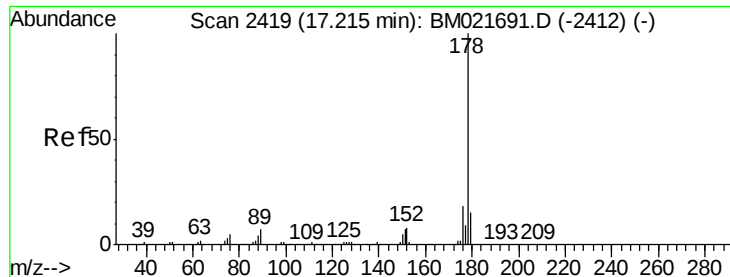
Abundance

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

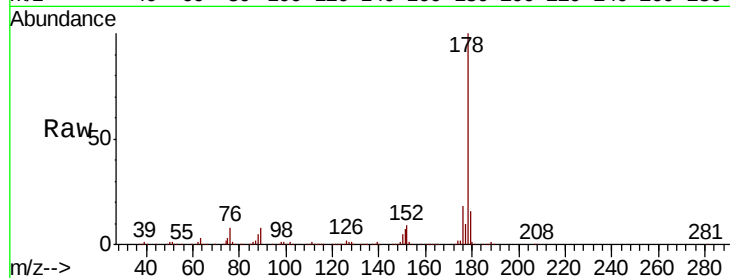




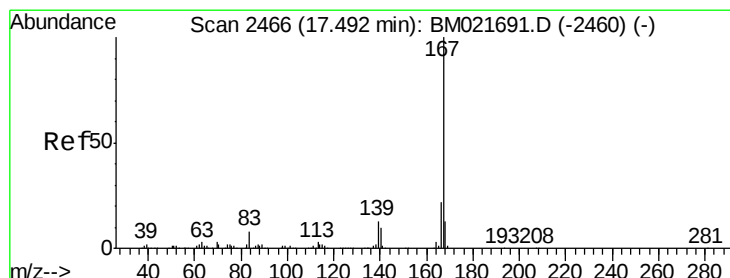
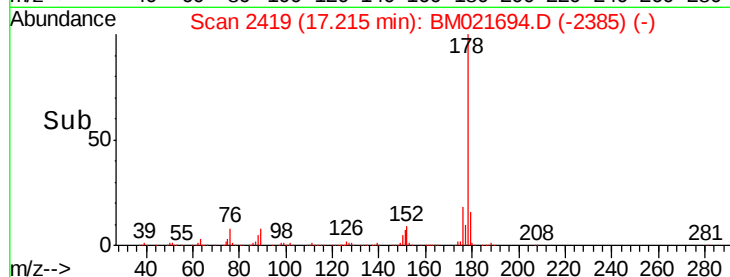
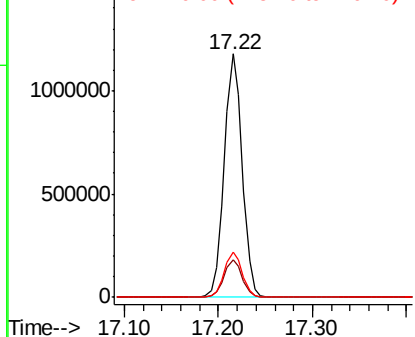
#71
 Anthracene
 Concen: 29.455 ng/ul
 RT: 17.22 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: BM021694.D
 Acq: 29 Jul 2019 13:22

Instrument :
 BNA_M
 ClientSampleId :
 A52U6

Tot Ion:178 Resp: 1573144
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.3 18.5
 176 18.3 14.8 22.2

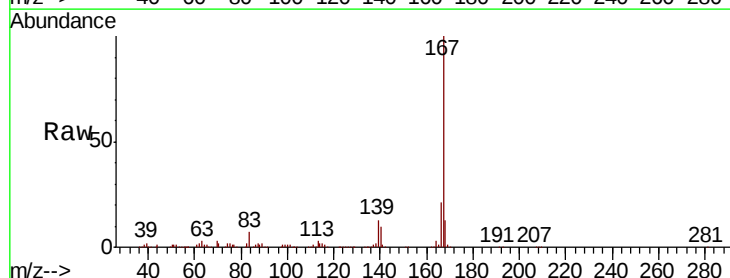


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

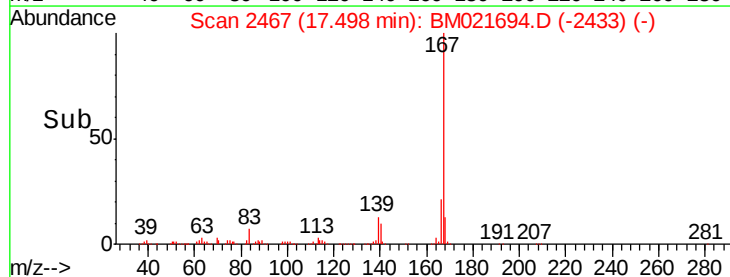
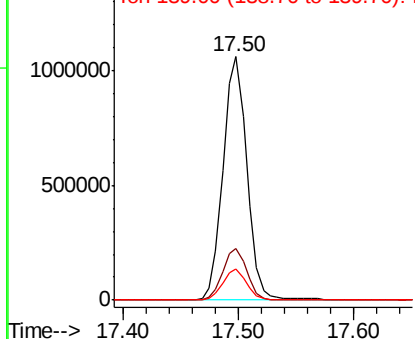


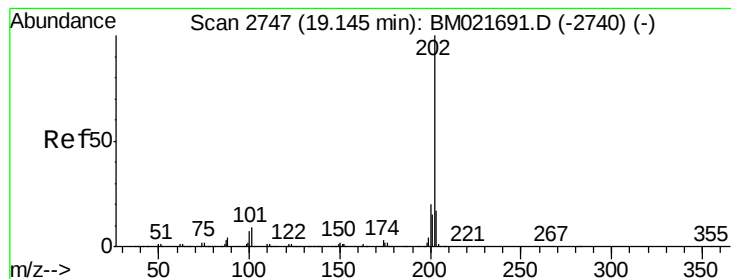
#74
 Carbazole
 Concen: 34.448 ng/ul
 RT: 17.50 min Scan# 2467
 Delta R.T. 0.00 min
 Lab File: BM021694.D
 Acq: 29 Jul 2019 13:22

Tgt Ion:167 Resp: 1523227
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.4
 139 12.6 10.0 15.0



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: 15.723 ng/ul

RT: 19.14 min Scan# 2747

Delta R.T. 0.00 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

Instrument :

BNA_M

ClientSampleId :

A52U6

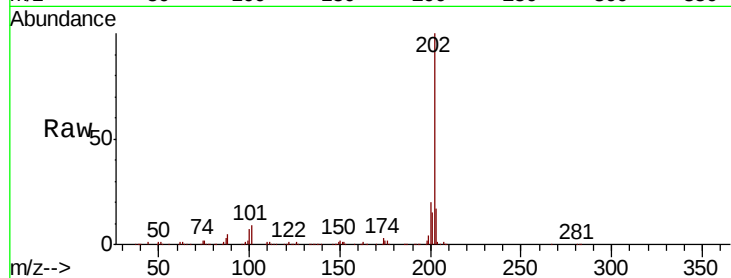
Tot Ion:202 Resp: 956340

Ion Ratio Lower Upper

202 100

101 9.0 6.7 10.1

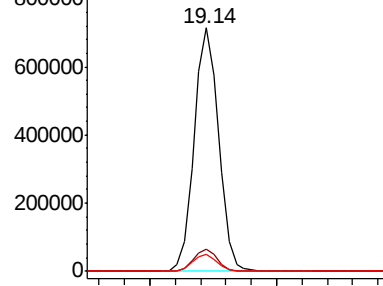
100 7.2 5.1 7.7



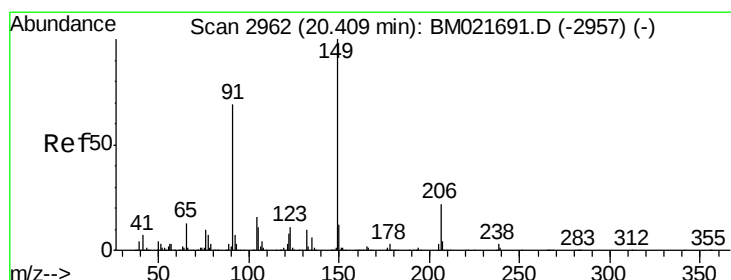
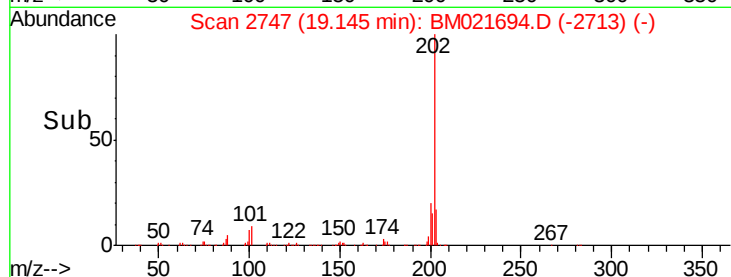
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#80

Butylbenzylphthalate

Concen: 26.457 ng/ul

RT: 20.42 min Scan# 2963

Delta R.T. 0.00 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

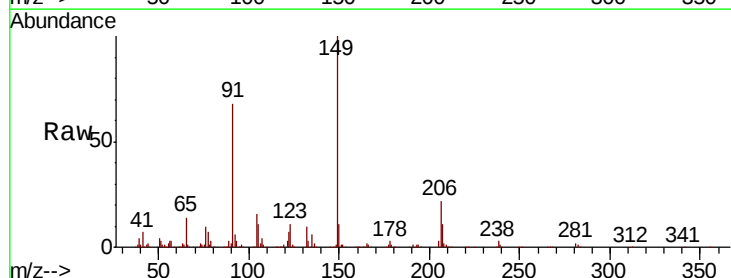
Tgt Ion:149 Resp: 396193

Ion Ratio Lower Upper

149 100

91 68.2 53.4 80.0

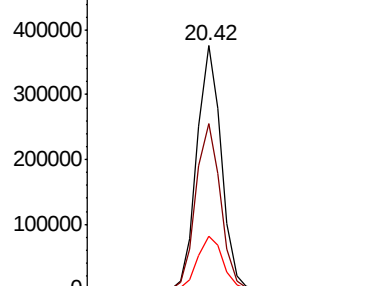
206 21.9 17.9 26.9



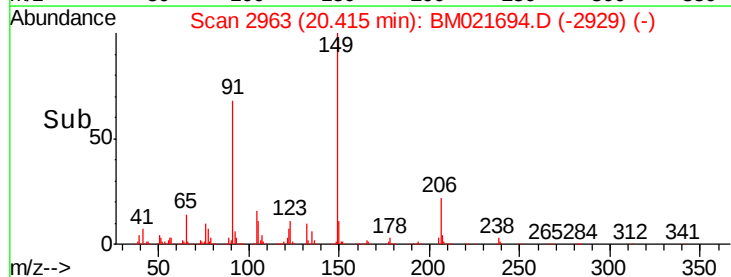
Abundance Ion 149.00 (148.70 to 149.70): E

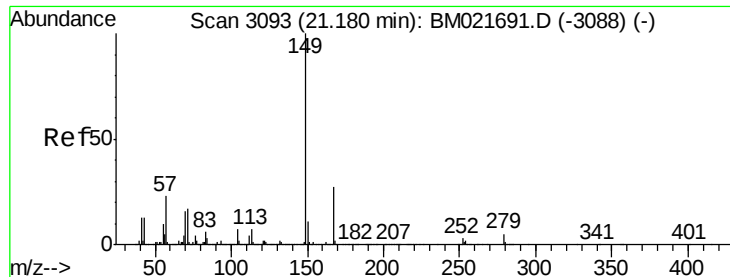
Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E



Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 26.509 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.01 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

Instrument :

BNA_M

ClientSampleId :

A52U6

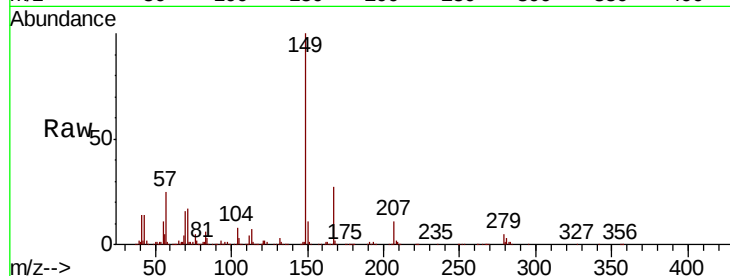
Tot Ion:149 Resp: 571499

Ion Ratio Lower Upper

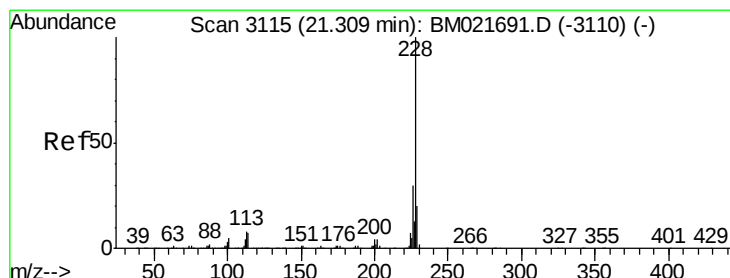
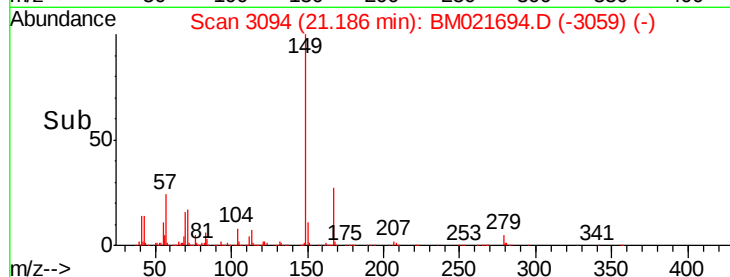
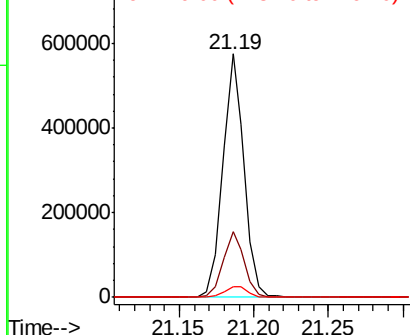
149 100

167 26.8 21.6 32.4

279 4.5 3.8 5.6



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: 29.981 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. 0.01 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

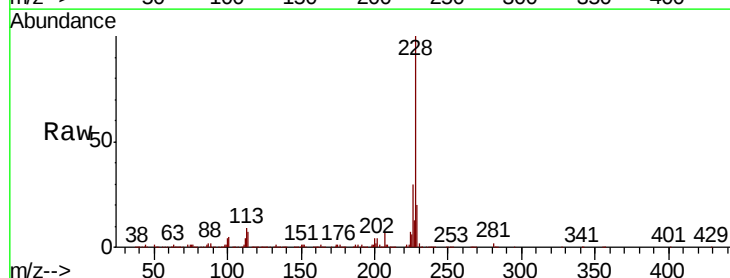
Tgt Ion:228 Resp: 1338993

Ion Ratio Lower Upper

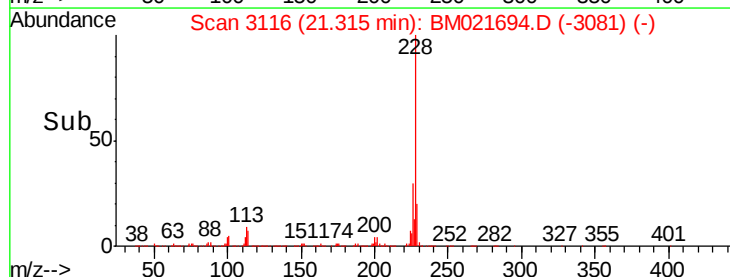
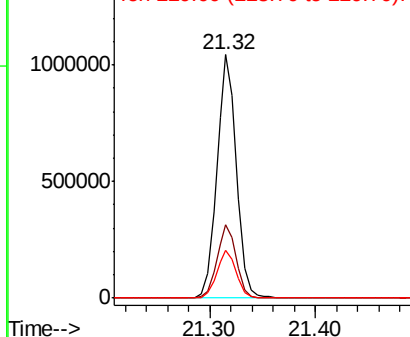
228 100

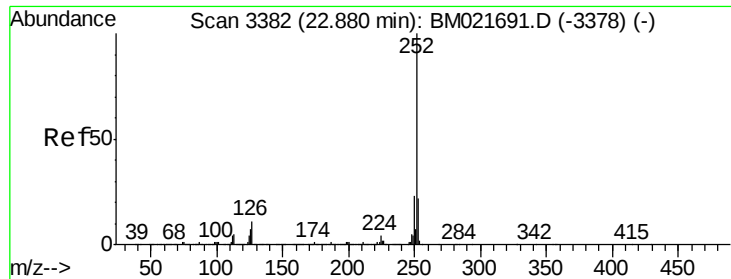
226 30.3 24.0 36.0

229 19.7 15.7 23.5



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: 35.724 ng/ul

RT: 22.89 min Scan# 3384

Delta R.T. 0.01 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

Instrument :

BNA_M

ClientSampleId :

A52U6

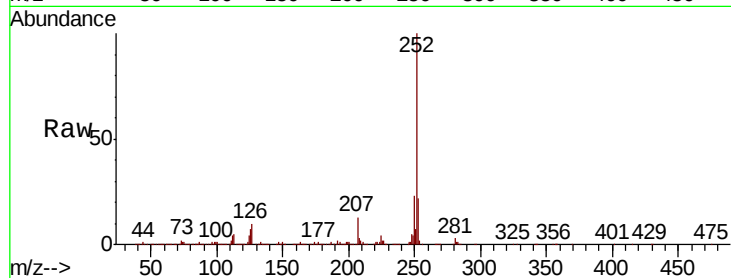
Tot Ion:252 Resp: 1618826

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

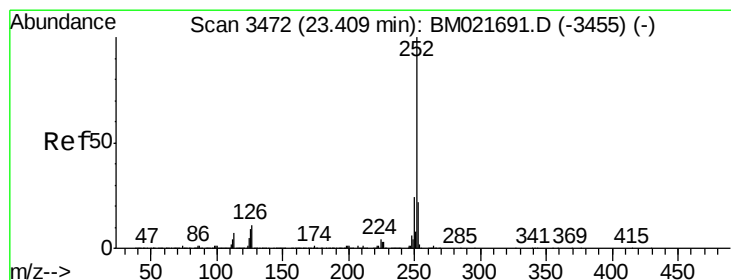
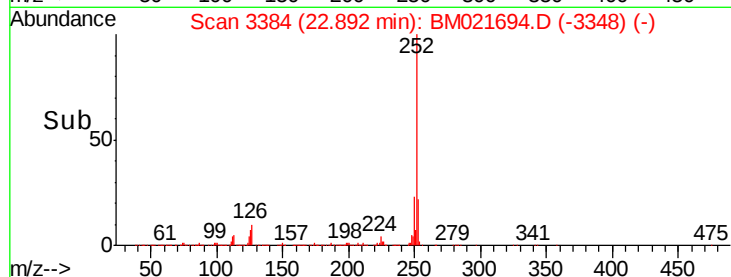
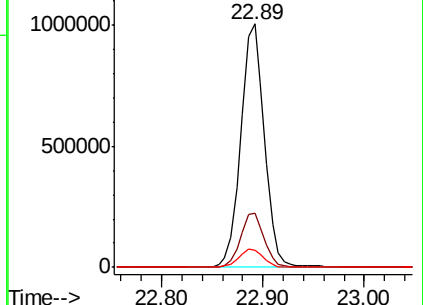
125 7.1 6.3 9.5



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: 35.941 ng/ul

RT: 23.42 min Scan# 3474

Delta R.T. 0.01 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

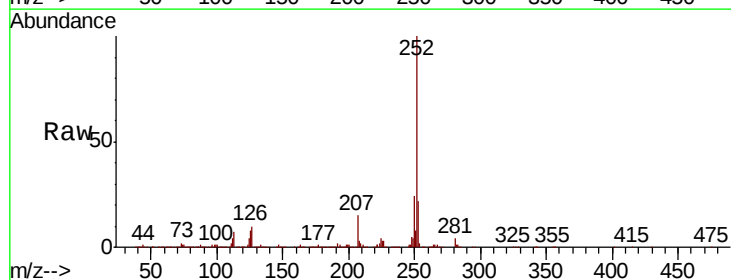
Tgt Ion:252 Resp: 1559716

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

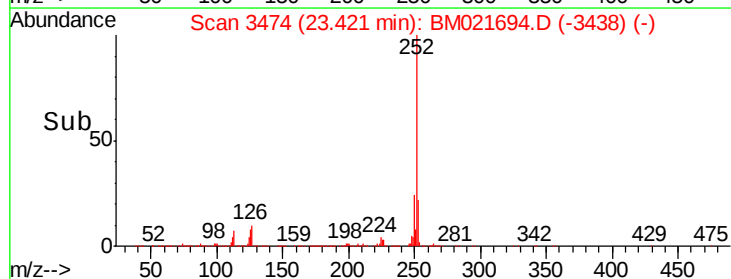
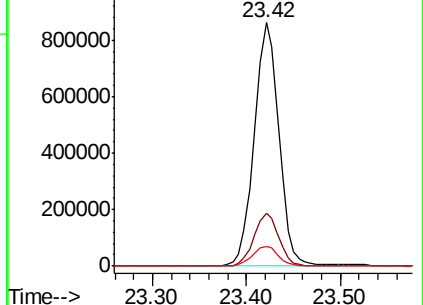
125 8.2 7.0 10.6

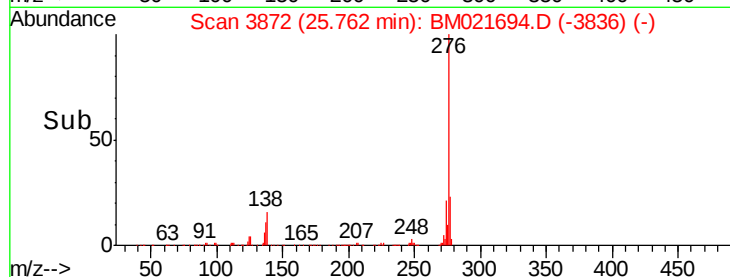
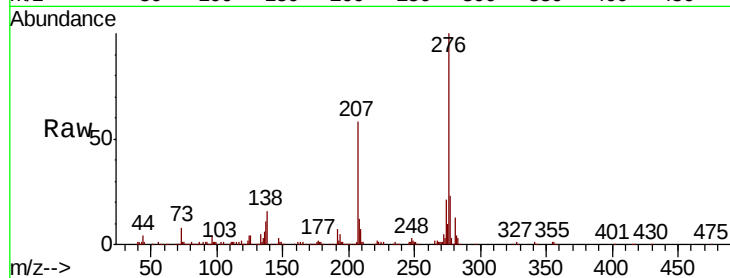
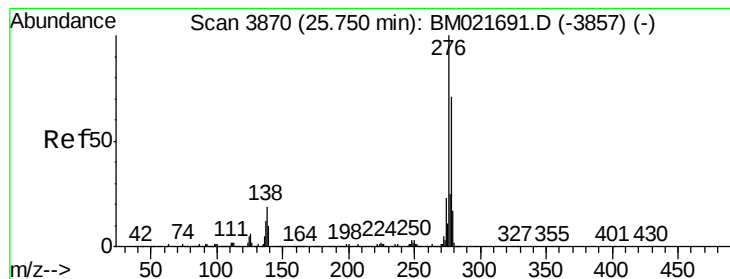


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Indeno(1,2,3-cd)pvrene

Concen: 14.084 ng/ul

RT: 25.76 min Scan# 3872

Delta R.T. 0.01 min

Lab File: BM021694.D

Acq: 29 Jul 2019 13:22

Instrument :

BNA_M

ClientSampleId :

A52U6

Tot Ion:276 Resp: 708767

Ion Ratio Lower Upper

276 100

138 15.7 14.8 22.2

277 23.3 19.7 29.5

