

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
 Data File : BM021039.D
 Acq On : 19 Jun 2019 17:05
 Operator : HP/JU
 Sample : K3213-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB8G9

Quant Time: Jun 19 17:53:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 19 00:56:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	236061	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1038716	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	684979	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1541108	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1333278	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	1399962	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	25809	5.19	ng/uL	0.00
5) Phenol-d5	6.96	99	587557	28.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	346901	28.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	476835	28.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	493753	28.79	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	245823	29.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	276745	29.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	560456	29.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	434446	21.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1820129	29.41	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	2147616	28.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	287886	28.60	ng/ul	0.00
57) Fluorene-d10	15.42	176	1549794	28.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	303807	32.07	ng/ul	0.00
70) Anthracene-d10	17.27	188	2332909	29.13	ng/ul	0.00
78) Pyrene-d10	19.57	212	2435779	30.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	2491846	30.17	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.98	94	328253	16.890	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.22	93	728909	49.142	ng/ul 99
11) 2-Methylphenol	8.23	108	754148	50.152	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.60	70	689770	53.690	ng/ul 96
16) 4-Methylphenol	8.55	108	846935	51.756	ng/ul 91
17) Hexachloroethane	8.86	117	211610	32.267	ng/ul 99
21) Isophorone	9.52	82	1200361	33.639	ng/ul 99
24) 2,4-Dimethylphenol	9.76	107	709466	36.888	ng/ul 99
25) Bis(2-Chloroethoxy)methane	10.00	93	882002	40.109	ng/ul 99
27) 2,4-Dichlorophenol	10.23	162	247012	14.252	ng/ul 97
28) Naphthalene	10.63	128	1064321	19.957	ng/ul 100
31) Hexachlorobutadiene	10.90	225	595117	50.396	ng/ul 99
32) Caprolactam	11.53	113	182599	37.477	ng/ul 99
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	790262	32.317	ng/ul 99
37) Hexachlorocyclopentadiene	12.58	237	370286	25.453	ng/ul 97
39) 2,4,5-Trichlorophenol	12.93	196	575184	35.435	ng/ul 100
41) 2-Chloronaphthalene	13.30	162	731530	16.386	ng/ul 97
44) Dimethylphthalate	13.89	163	984546	17.475	ng/ul 99
47) Acenaphthylene	14.15	152	1311925	20.225	ng/ul 99
48) 3-Nitroaniline	14.34	138	435090	46.220	ng/ul 97
49) Acenaphthene	14.49	153	1359415	28.586	ng/ul 99
50) 2,4-Dinitrophenol	14.55	184	234906	43.485	ng/ul 97
53) Dibenzofuran	14.83	168	1125001	16.615	ng/ul 98

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

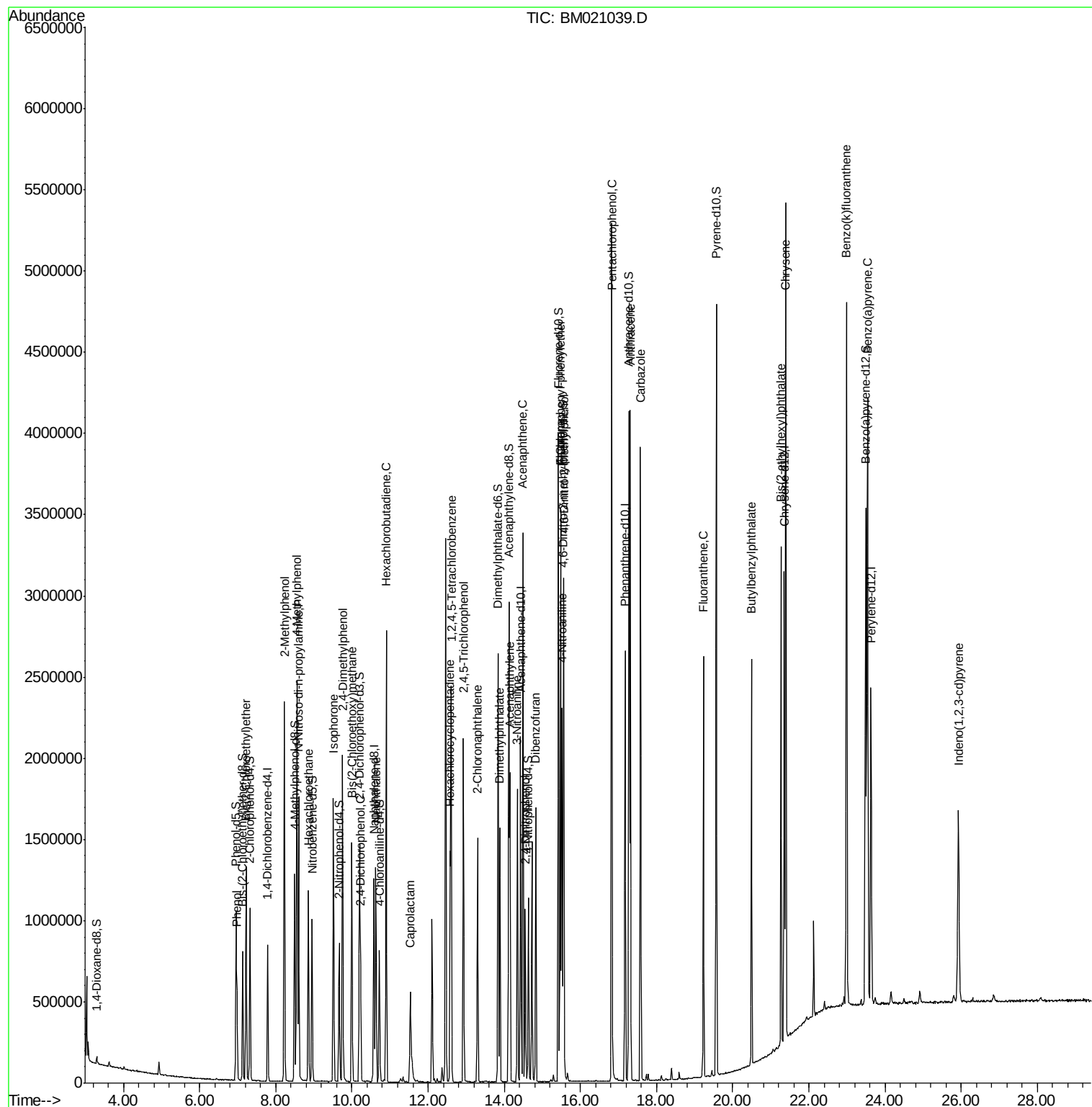
58) Fluorene	15.47	166	379128	6.892	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	804881	26.834	ng/ul	99
60) 4-Nitroaniline	15.52	138	616479	61.611	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.56	198	627569	65.990	ng/ul#	97
68) Pentachlorophenol	16.82	266	935731	86.160	ng/ul	97
71) Anthracene	17.31	178	2452884	28.241	ng/ul	100
74) Carbazole	17.58	167	2503292	34.971	ng/ul	100
76) Fluoranthene	19.23	202	1592160	17.289	ng/ul	99
80) Butylbenzylphthalate	20.49	149	741659	21.256	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.27	149	1064217	21.422	ng/ul	99
84) Chrysene	21.39	228	2472603	29.045	ng/ul	100
88) Benzo(k)fluoranthene	22.99	252	3044557	35.687	ng/ul	100
90) Benzo(a)pyrene	23.54	252	2887919	34.599	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.93	276	1299053	13.217	ng/ul	95

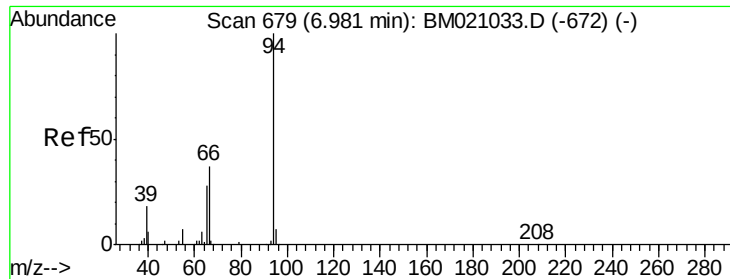
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 16.890 ng/ul

RT: 6.98 min Scan# 679

Delta R.T. -0.00 min

Lab File: BM021039.D

Acq: 19 Jun 2019 17:05

Instrument :

BNA_M

ClientSampleId :

DB8G9

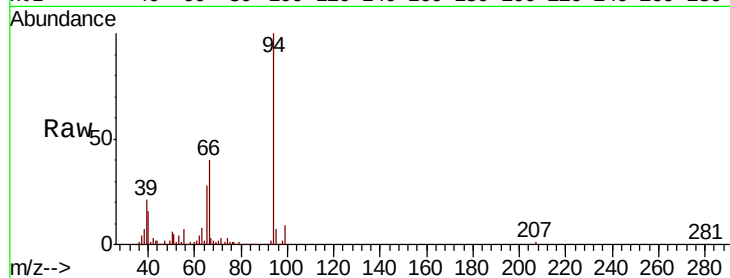
Tot Ion: 94 Resp: 328253

Ion Ratio Lower Upper

94 100

65 28.2 22.6 34.0

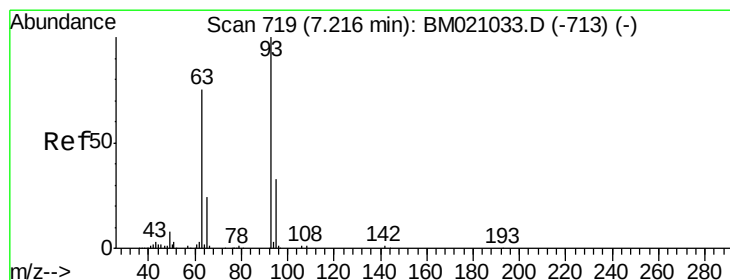
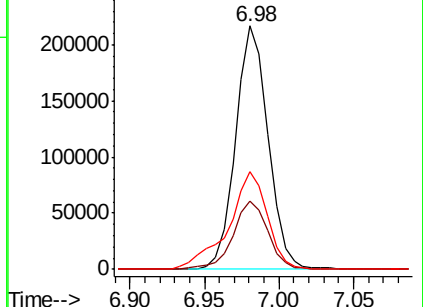
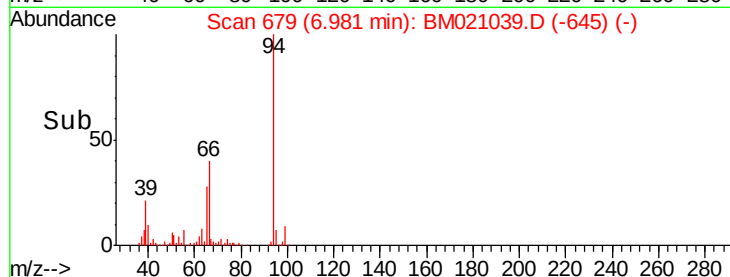
66 40.4 31.2 46.8



Abundance Ion 94.00 (93.70 to 94.70): BM021039.D (-672) (-)

Ion 65.00 (64.70 to 65.70): BM021039.D (-672) (-)

Ion 66.00 (65.70 to 66.70): BM021039.D (-672) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 49.142 ng/ul

RT: 7.22 min Scan# 720

Delta R.T. -0.00 min

Lab File: BM021039.D

Acq: 19 Jun 2019 17:05

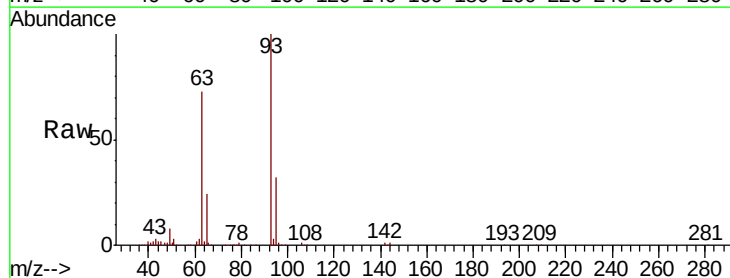
Tgt Ion: 93 Resp: 728909

Ion Ratio Lower Upper

93 100

63 72.8 57.9 86.9

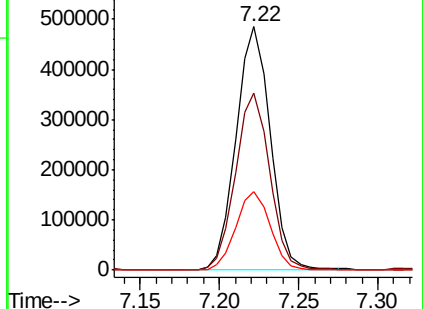
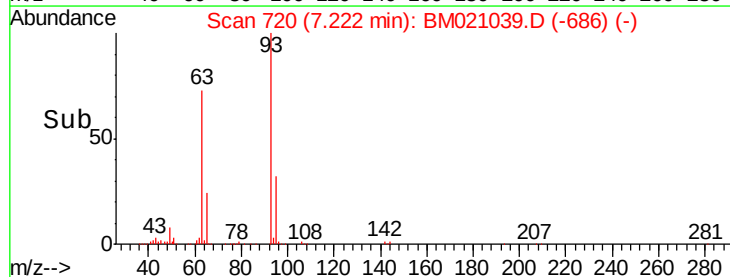
95 32.0 26.2 39.4

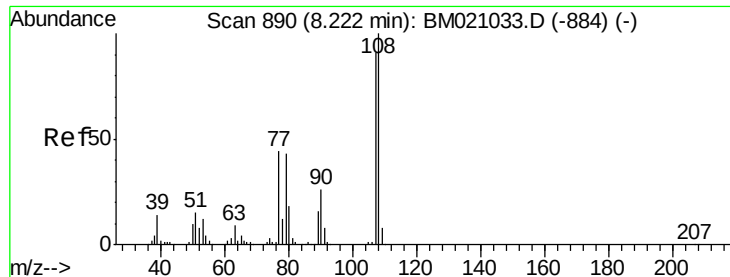


Abundance Ion 93.00 (92.70 to 93.70): BM021039.D (-713) (-)

Ion 63.00 (62.70 to 63.70): BM021039.D (-713) (-)

Ion 95.00 (94.70 to 95.70): BM021039.D (-713) (-)

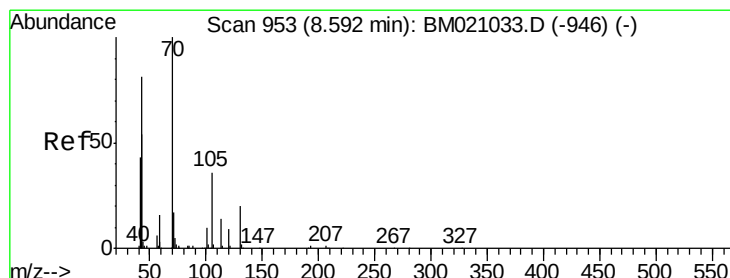
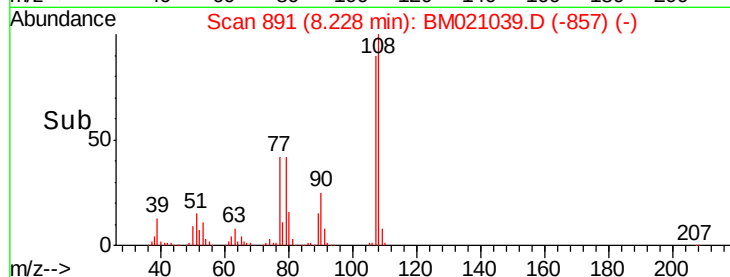
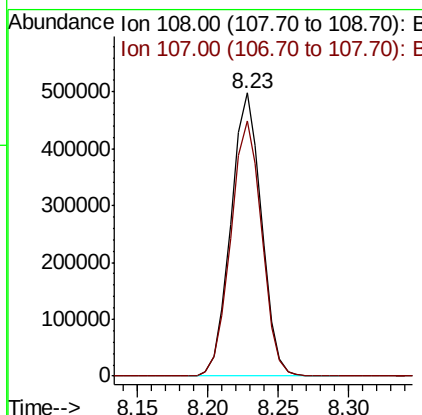
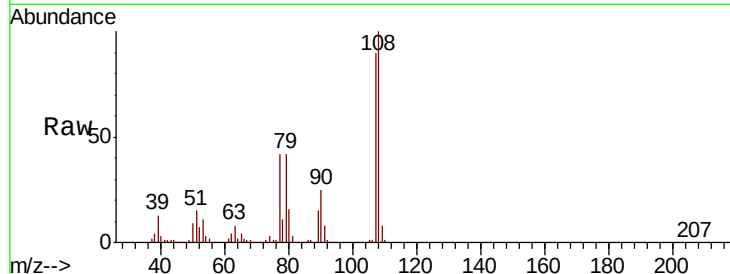




#11
2-Methylphenol
Concen: 50.152 ng/ul
RT: 8.23 min Scan# 891
Delta R.T. -0.00 min
Lab File: BM021039.D
Acq: 19 Jun 2019 17:05

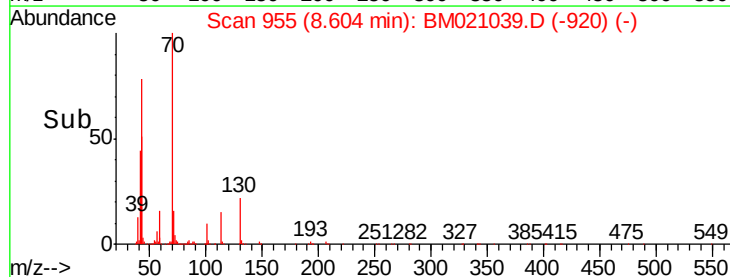
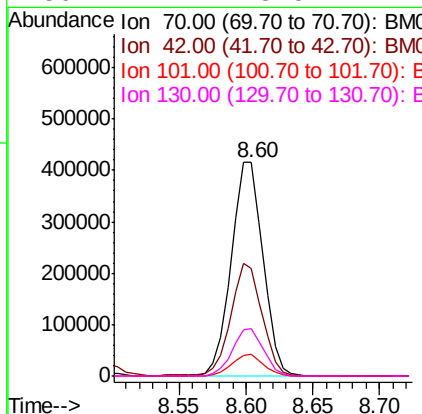
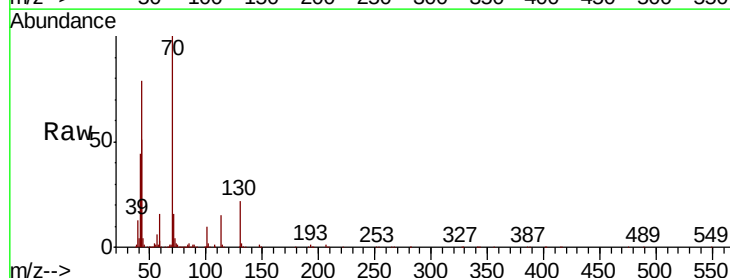
Instrument :
BNA_M
ClientSampled :
DB8G9

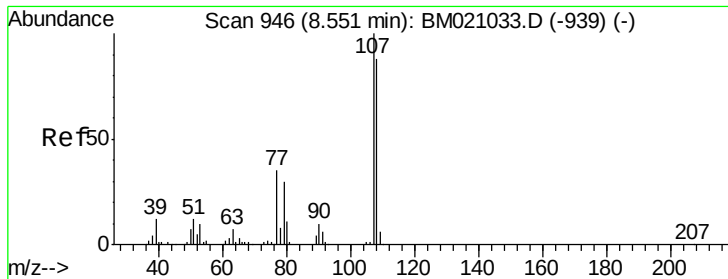
Tot Ion:108 Resp: 754148
Ion Ratio Lower Upper
108 100
107 90.0 74.6 111.8



#15
N-Nitroso-di-n-propylamine
Concen: 53.690 ng/ul
RT: 8.60 min Scan# 955
Delta R.T. 0.01 min
Lab File: BM021039.D
Acq: 19 Jun 2019 17:05

Tgt Ion: 70 Resp: 689770
Ion Ratio Lower Upper
70 100
42 50.6 43.4 65.0
101 10.2 7.8 11.6
130 22.2 18.5 27.7





#16

4-Methylphenol

Concen: 51.756 ng/ul

RT: 8.55 min Scan# 946

Delta R.T. -0.01 min

Lab File: BM021039.D

Acq: 19 Jun 2019 17:05

Instrument :

BNA_M

ClientSampleId :

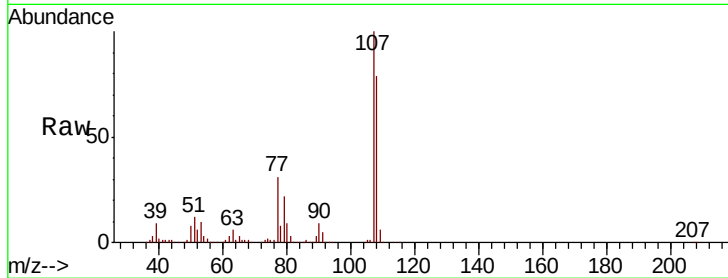
DB8G9

Tot Ion:108 Resp: 846935

Ion Ratio Lower Upper

108 100

107 126.0 93.0 139.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

800000

600000

400000

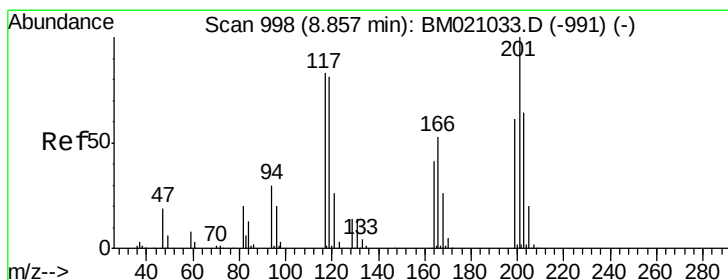
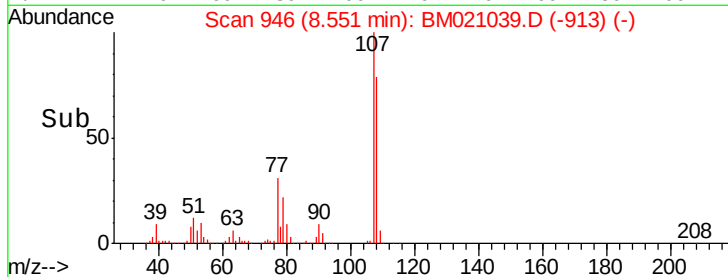
200000

0

8.55

8.50 8.60 8.70

Time-->



#17

Hexachloroethane

Concen: 32.267 ng/ul

RT: 8.86 min Scan# 998

Delta R.T. -0.00 min

Lab File: BM021039.D

Acq: 19 Jun 2019 17:05

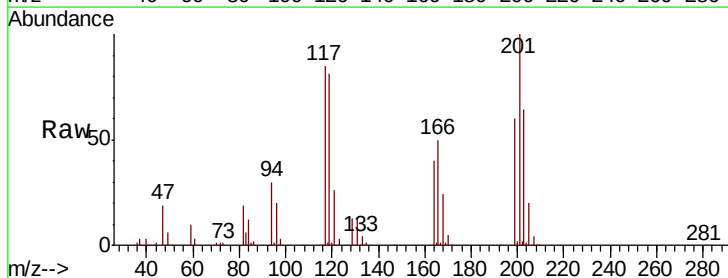
Tgt Ion:117 Resp: 211610

Ion Ratio Lower Upper

117 100

201 117.2 93.9 140.9

199 70.7 57.8 86.8



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

200000

150000

100000

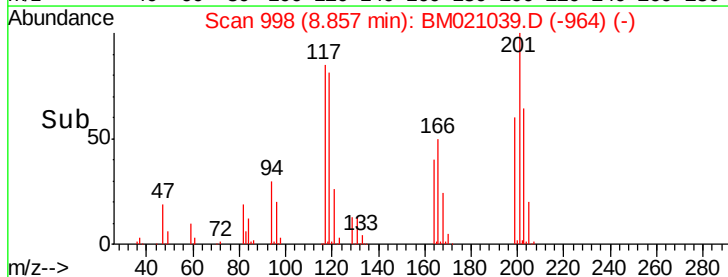
50000

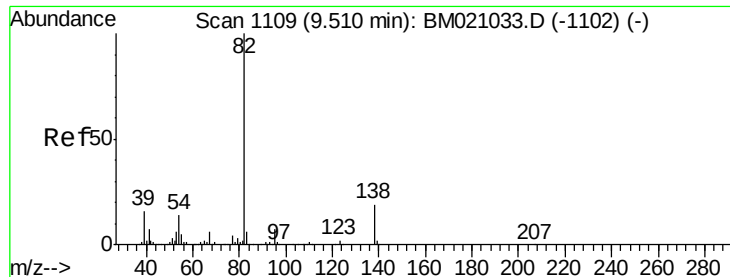
0

8.86

8.80 8.85 8.90

Time-->





#21

Isophorone

Concen: 33.639 ng/ul

RT: 9.52 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BM021039.D

Acq: 19 Jun 2019 17:05

Instrument :

BNA_M

ClientSampled :

DB8G9

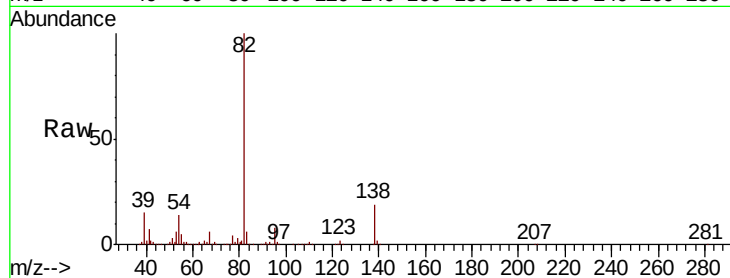
Tot Ion: 82 Resp: 1200361

Ion Ratio Lower Upper

82 100

95 7.7 5.8 8.6

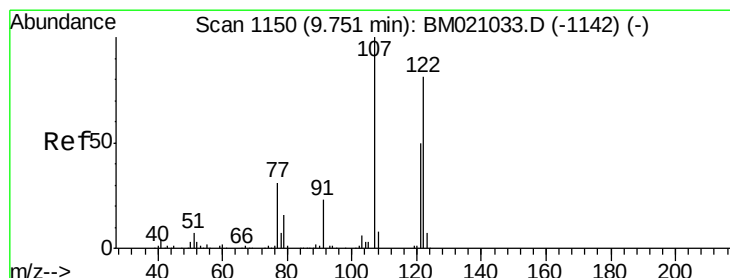
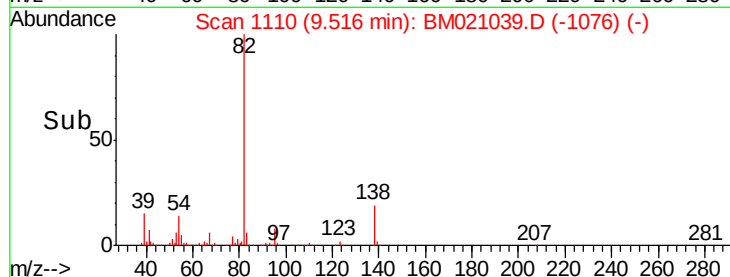
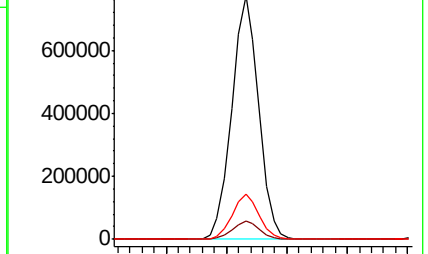
138 18.7 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BM021039.D (-1102) (-)

Ion 95.00 (94.70 to 95.70): BM021039.D (-1102) (-)

Ion 138.00 (137.70 to 138.70): BM021039.D (-1102) (-)



#24

2,4-Dimethylphenol

Concen: 36.888 ng/ul

RT: 9.76 min Scan# 1151

Delta R.T. 0.01 min

Lab File: BM021039.D

Acq: 19 Jun 2019 17:05

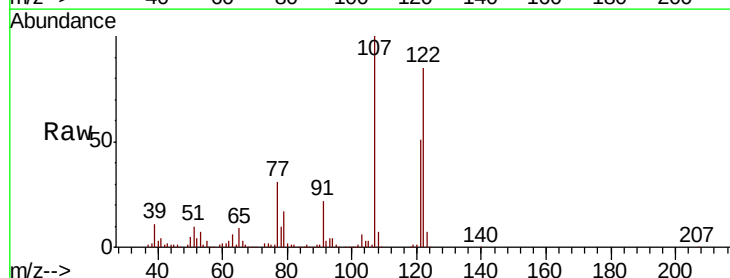
Tgt Ion: 107 Resp: 709466

Ion Ratio Lower Upper

107 100

121 51.0 39.9 59.9

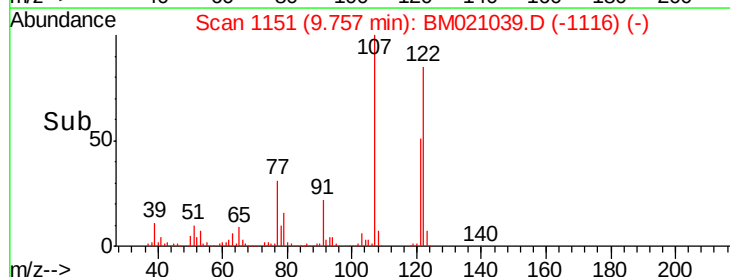
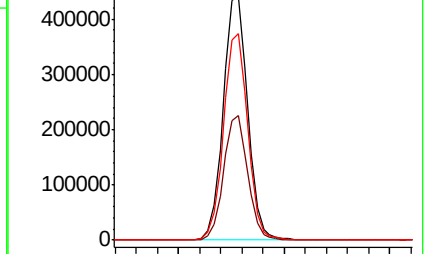
122 84.6 66.8 100.2

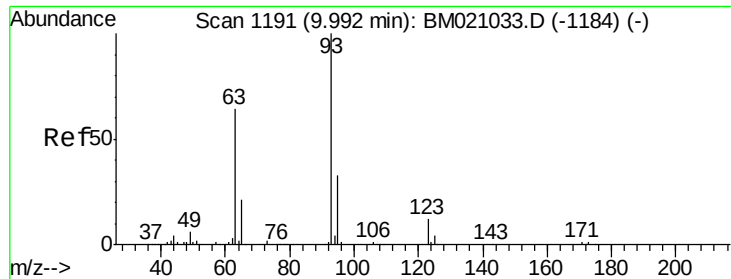


Abundance Ion 107.00 (106.70 to 107.70): BM021039.D (-1142) (-)

Ion 121.00 (120.70 to 121.70): BM021039.D (-1142) (-)

Ion 122.00 (121.70 to 122.70): BM021039.D (-1142) (-)





#25

Bis(2-Chloroethoxy)methane

Concen: 40.109 ng/ul

RT: 10.00 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BM021039.D

Acq: 19 Jun 2019 17:05

Instrument :

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DB8G9

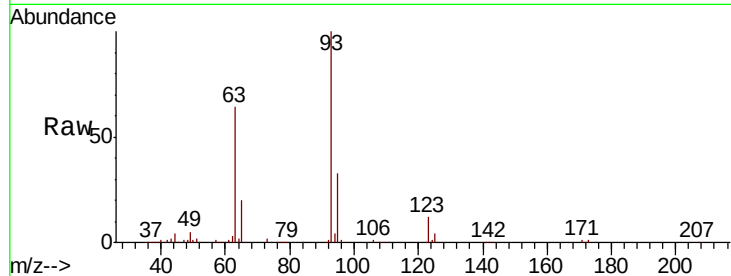
Tot Ion: 93 Resp: 882002

Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

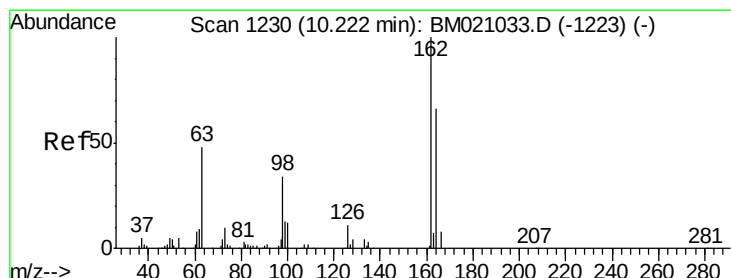
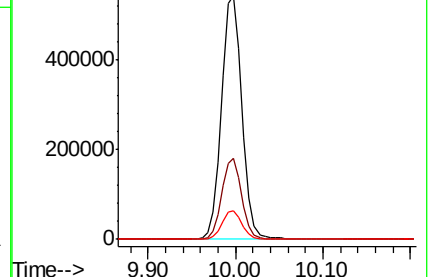
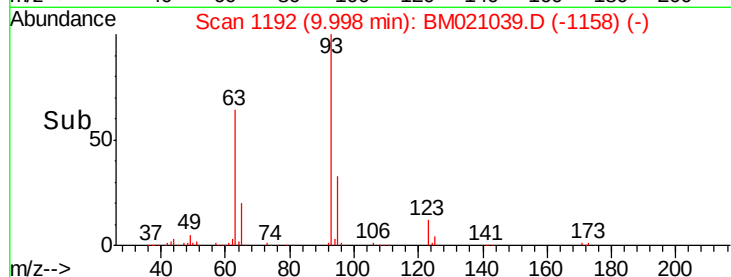
123 11.5 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BM021033.D (-1184) (-)

Ion 95.00 (94.70 to 95.70): BM021033.D (-1184) (-)

Ion 123.00 (122.70 to 123.70): BM021033.D (-1184) (-)



#27

2,4-Dichlorophenol

Concen: 14.252 ng/ul

RT: 10.23 min Scan# 1231

Delta R.T. 0.01 min

Lab File: BM021039.D

Acq: 19 Jun 2019 17:05

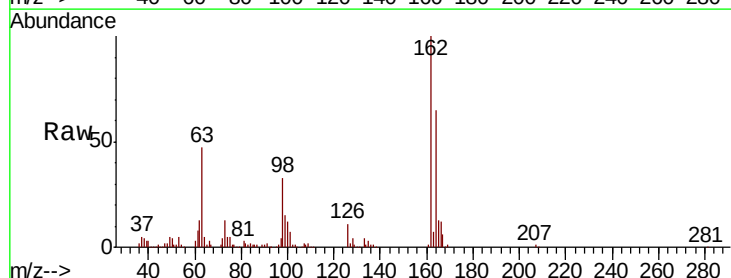
Tgt Ion:162 Resp: 247012

Ion Ratio Lower Upper

162 100

164 65.2 53.5 80.3

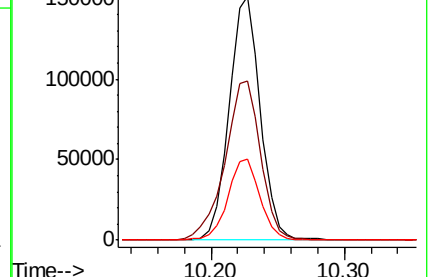
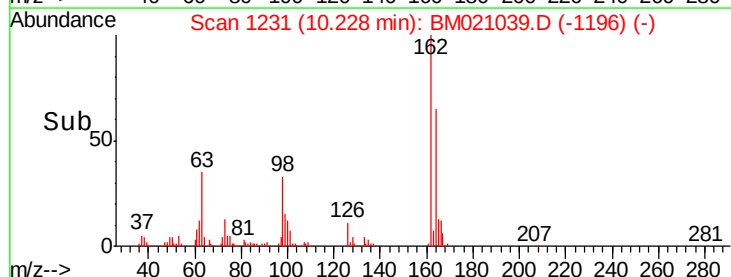
98 33.3 28.2 42.4

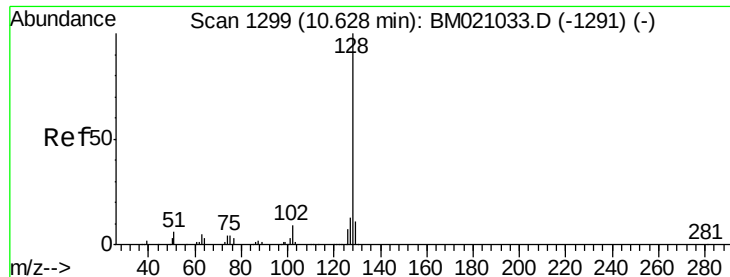


Abundance Ion 162.00 (161.70 to 162.70): BM021033.D (-1223) (-)

Ion 164.00 (163.70 to 164.70): BM021033.D (-1223) (-)

Ion 98.00 (97.70 to 98.70): BM021033.D (-1223) (-)





#28

Naphthalene

Concen: 19.957 ng/ul

RT: 10.63 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BM021039.D

Acq: 19 Jun 2019 17:05

Instrument :

BNA_M

ClientSampleId :

DB8G9

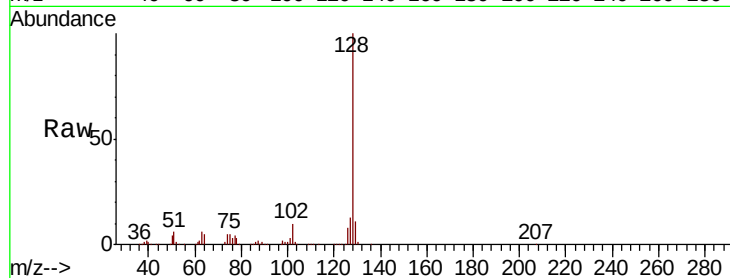
Tot Ion:128 Resp: 1064321

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

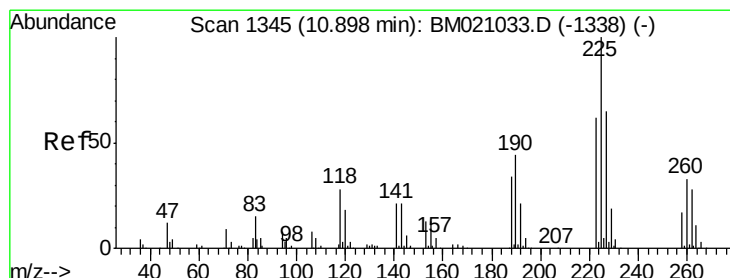
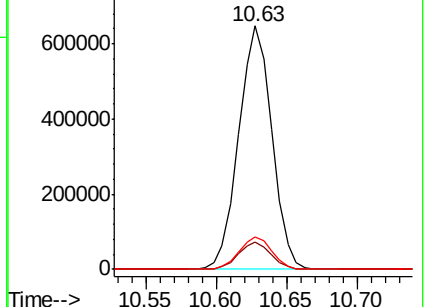
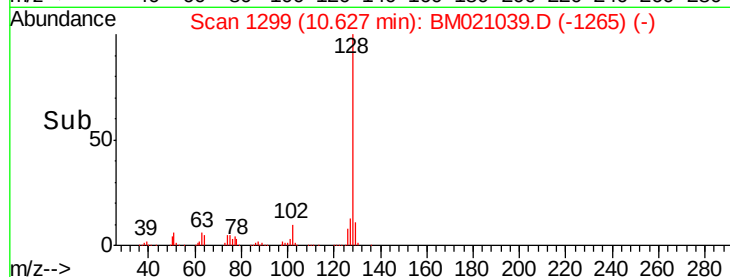
127 13.1 10.6 15.8



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: 50.396 ng/ul

RT: 10.90 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BM021039.D

Acq: 19 Jun 2019 17:05

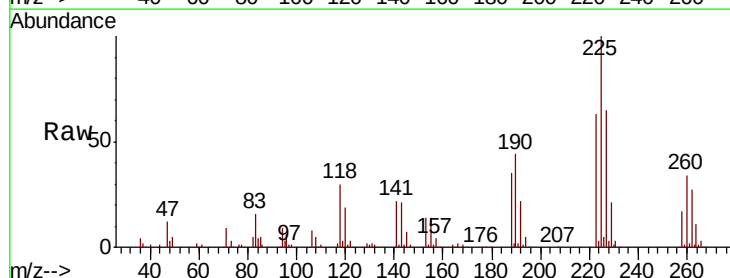
Tgt Ion:225 Resp: 595117

Ion Ratio Lower Upper

225 100

223 63.2 50.8 76.2

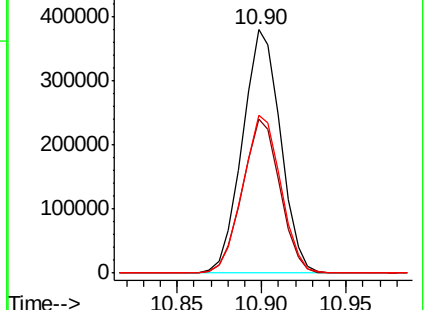
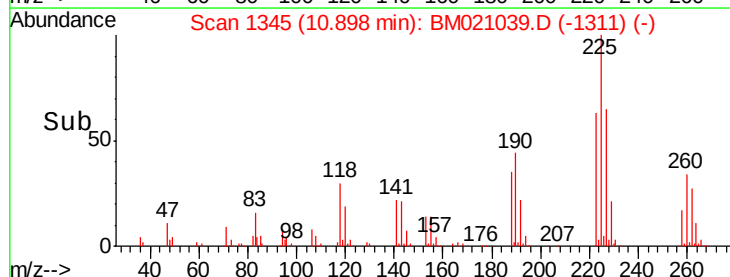
227 64.6 52.4 78.6

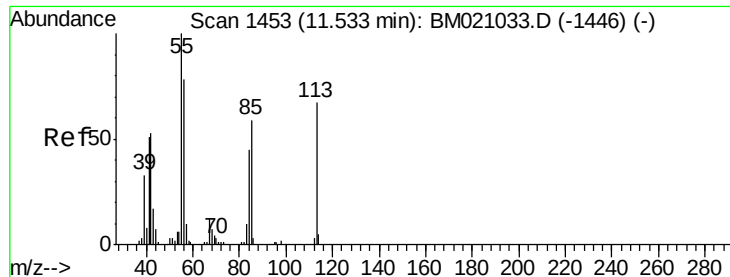


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 37.477 ng/ul

RT: 11.53 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BM021039.D

Acq: 19 Jun 2019 17:05

Instrument :

BNA_M

ClientSampleId :

DB8G9

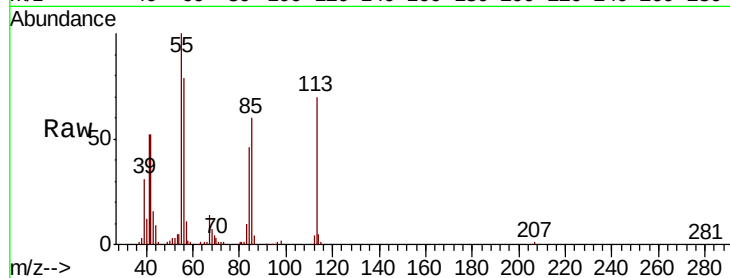
Tot Ion:113 Resp: 182599

Ion Ratio Lower Upper

113 100

55 142.8 115.8 173.6

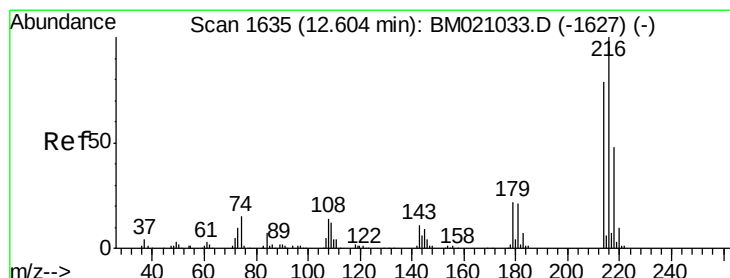
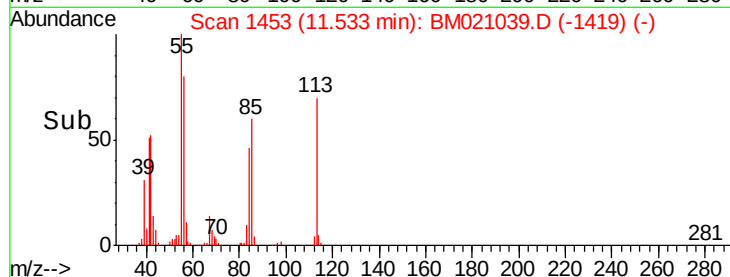
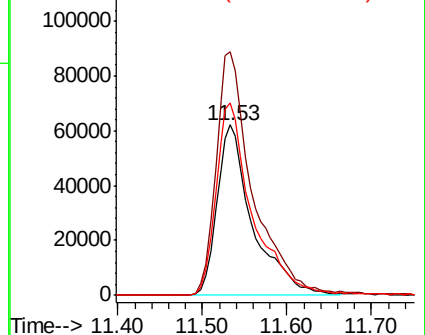
56 113.2 91.0 136.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

1,2,4,5-Tetrachlorobenzene

Concen: 32.317 ng/ul

RT: 12.61 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BM021039.D

Acq: 19 Jun 2019 17:05

Tgt Ion:216 Resp: 790262

Ion Ratio Lower Upper

216 100

214 78.4 63.4 95.2

179 20.3 16.8 25.2

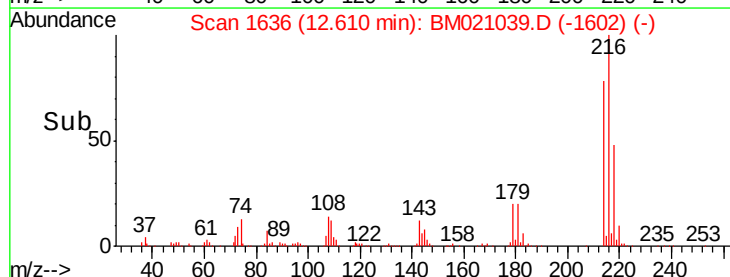
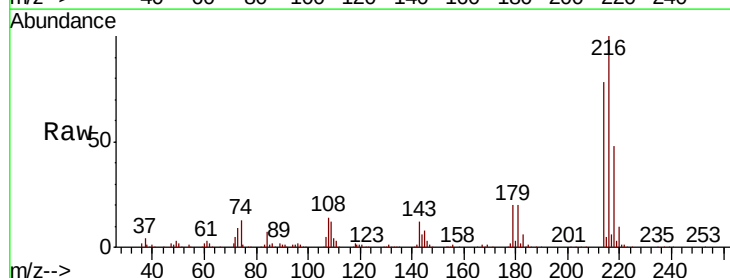
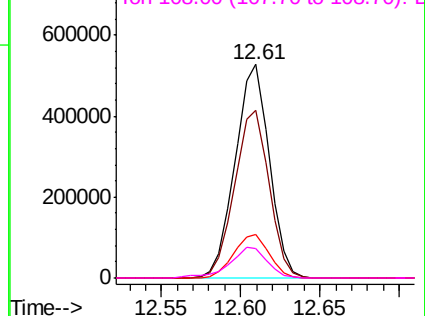
108 13.5 11.4 17.2

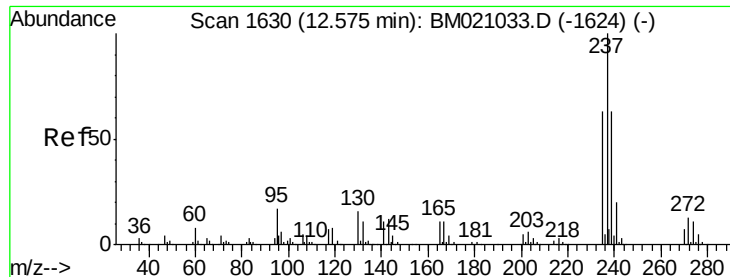
Abundance Ion 216.00 (215.70 to 216.70): E

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: 25.453 ng/ul

RT: 12.58 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BM021039.D

Acq: 19 Jun 2019 17:05

Instrument :

BNA_M

ClientSampleId :

DB8G9

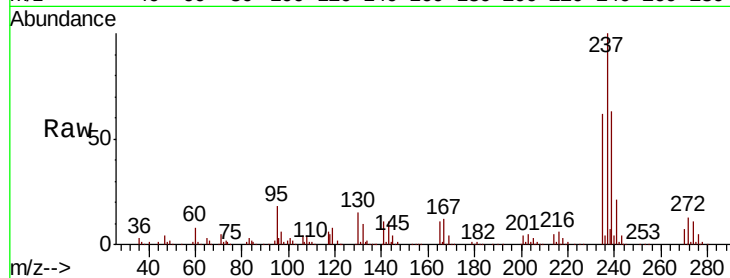
Tot Ion:237 Resp: 370286

Ion Ratio Lower Upper

237 100

235 61.7 51.3 76.9

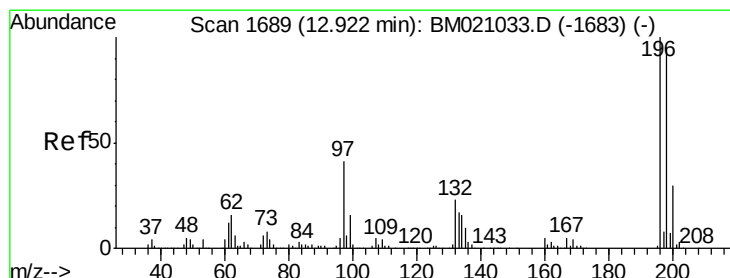
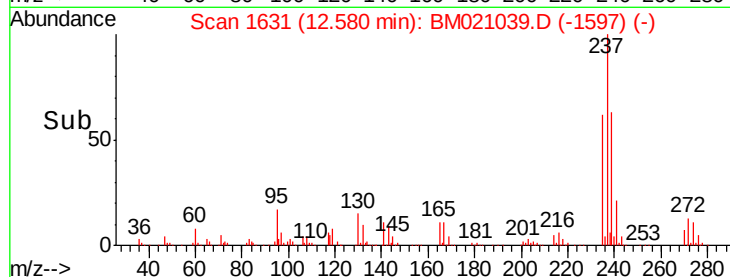
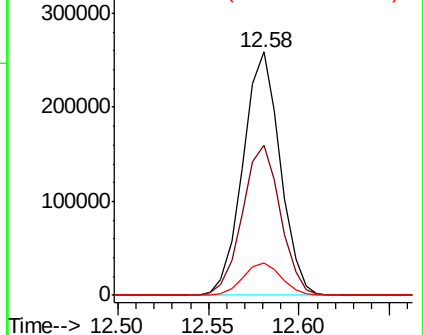
272 13.5 11.4 17.0



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: 35.435 ng/ul

RT: 12.93 min Scan# 1690

Delta R.T. 0.01 min

Lab File: BM021039.D

Acq: 19 Jun 2019 17:05

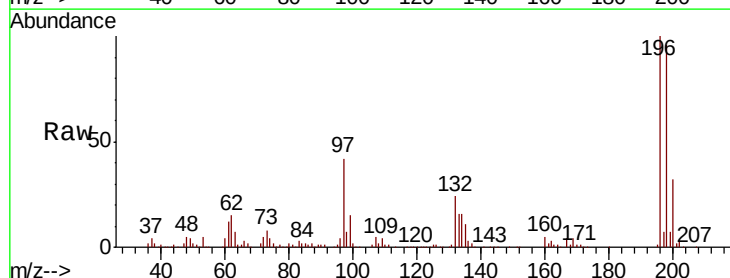
Tgt Ion:196 Resp: 575184

Ion Ratio Lower Upper

196 100

198 96.3 77.0 115.6

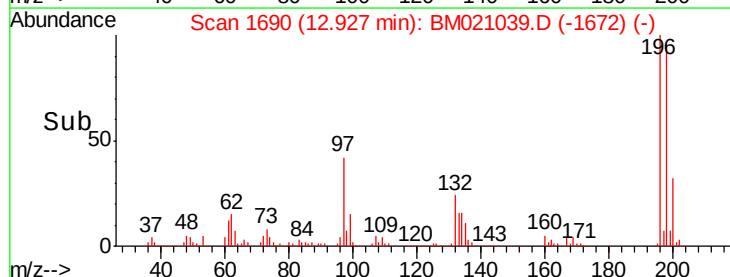
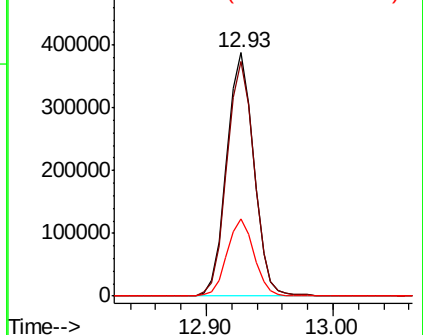
200 31.7 24.7 37.1

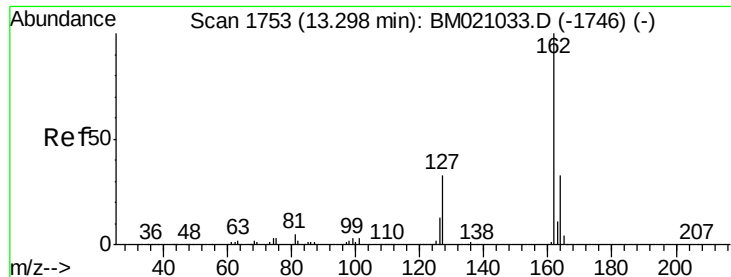


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

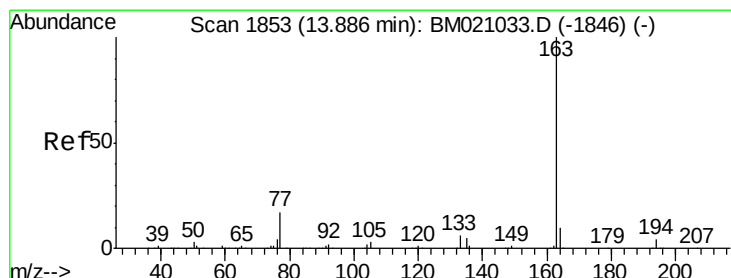
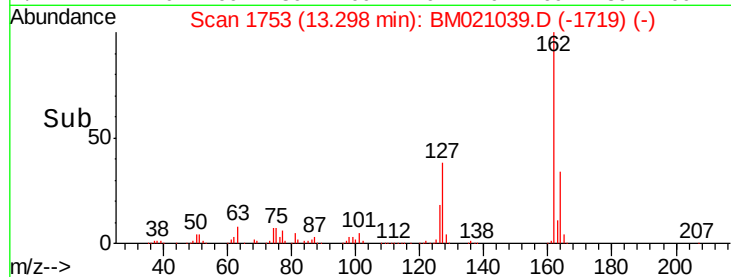
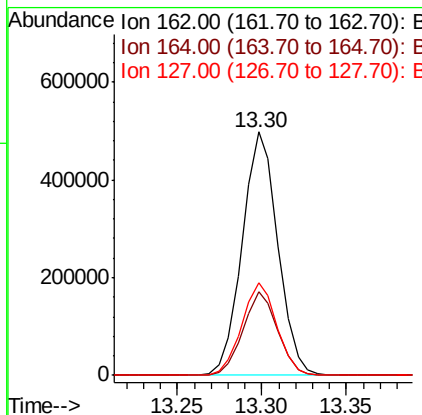
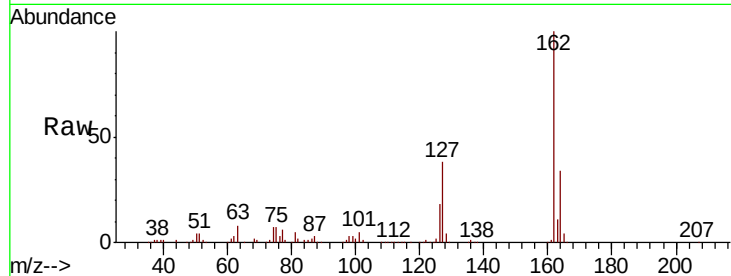




#41
 2-Chloronaphthalene
 Concen: 16.386 ng/ul
 RT: 13.30 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BM021039.D
 Acq: 19 Jun 2019 17:05

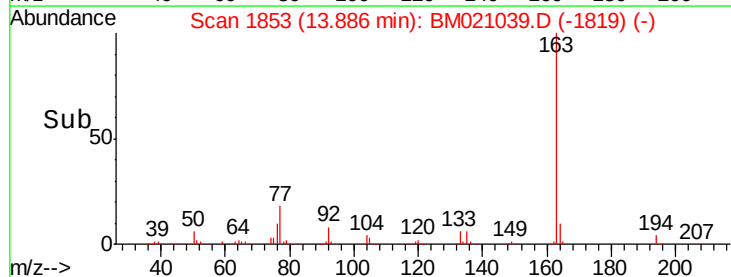
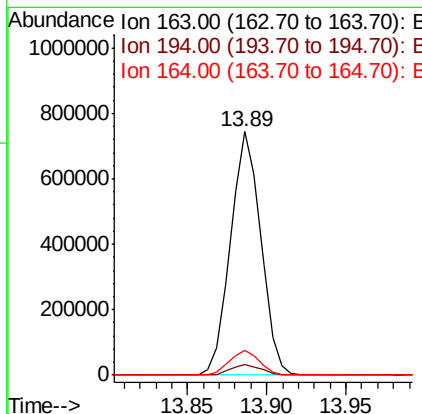
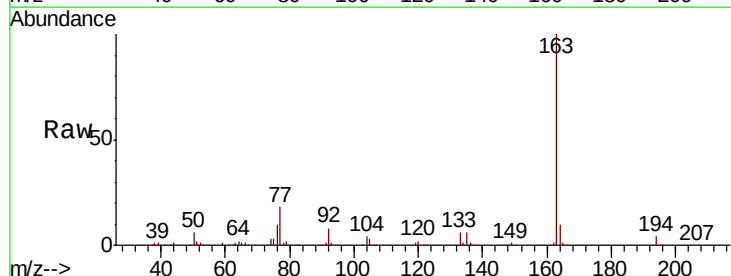
Instrument :
 BNA_M
 ClientSampleId :
 DB8G9

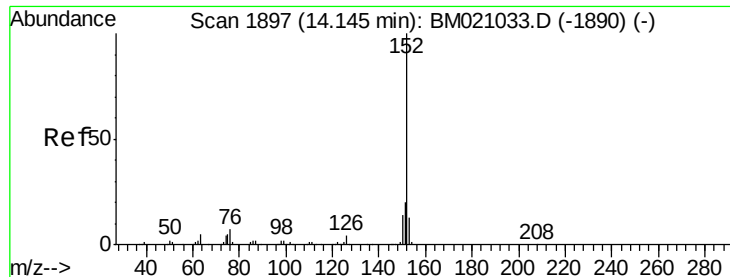
Tot Ion:162 Resp: 731530
 Ion Ratio Lower Upper
 162 100
 164 34.5 26.2 39.2
 127 37.8 29.2 43.8



#44
 Dimethylphthalate
 Concen: 17.475 ng/ul
 RT: 13.89 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BM021039.D
 Acq: 19 Jun 2019 17:05

Tgt Ion:163 Resp: 984546
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.4 5.2
 164 10.2 7.7 11.5





#47

Acenaphthylene

Concen: 20.225 ng/ul

RT: 14.15 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BM021039.D

Acq: 19 Jun 2019 17:05

Instrument :

BNA_M

ClientSampleId :

DB8G9

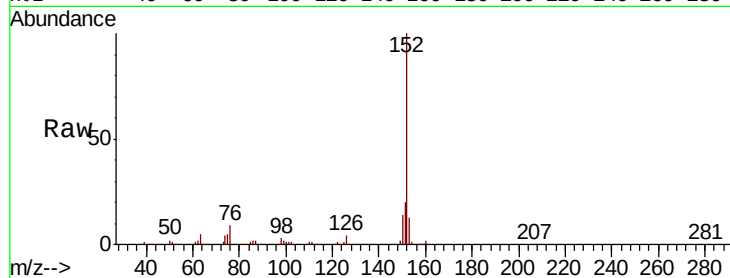
Tot Ion:152 Resp: 1311925

Ion Ratio Lower Upper

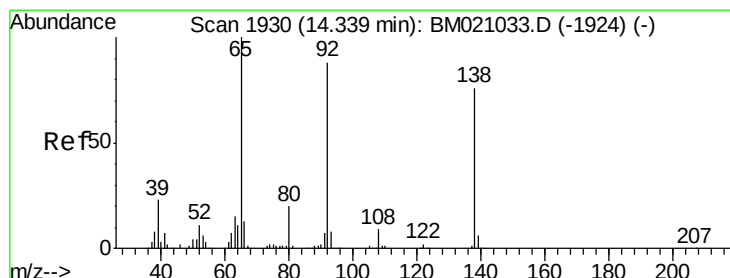
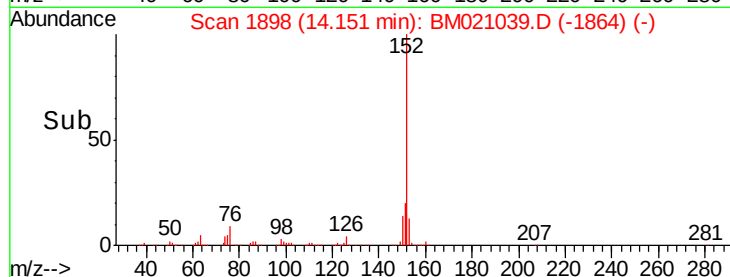
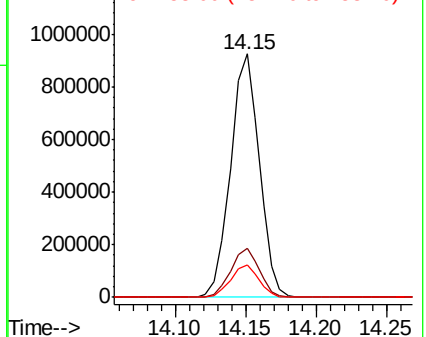
152 100

151 20.0 15.3 22.9

153 13.1 10.5 15.7



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: 46.220 ng/ul

RT: 14.34 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BM021039.D

Acq: 19 Jun 2019 17:05

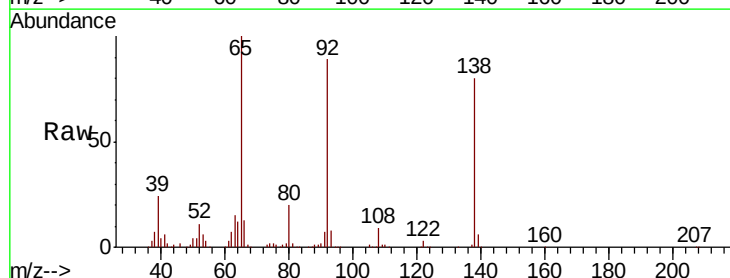
Tgt Ion:138 Resp: 435090

Ion Ratio Lower Upper

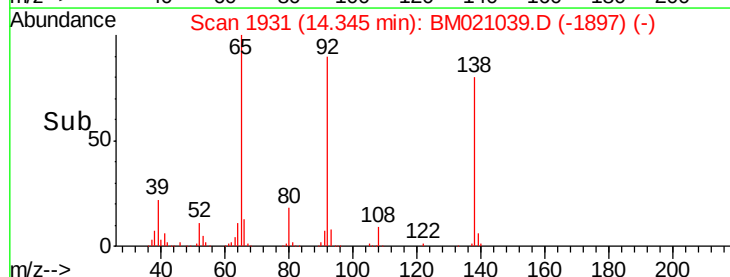
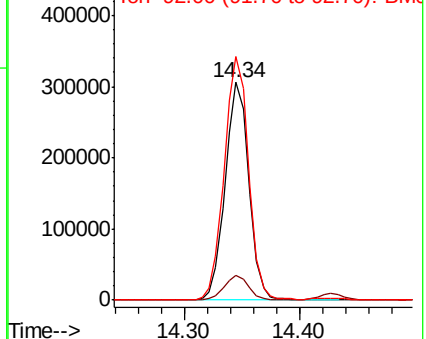
138 100

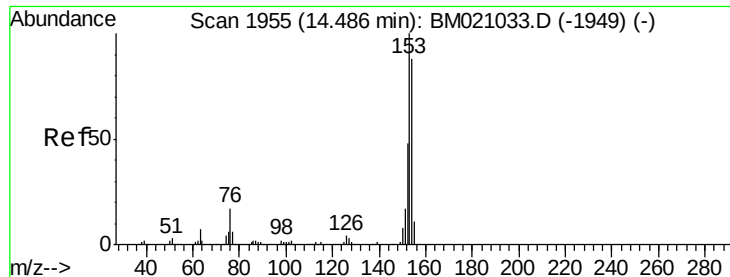
108 11.3 9.0 13.6

92 111.9 92.3 138.5



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: 28.586 ng/ul

RT: 14.49 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BM021039.D

Acq: 19 Jun 2019 17:05

Instrument :

BNA_M

ClientSampleId :

DB8G9

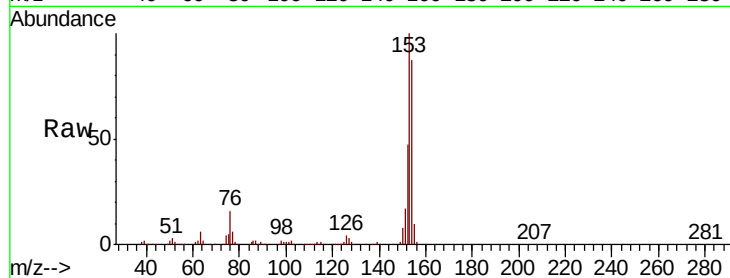
Tot Ion:153 Resp: 1359415

Ion Ratio Lower Upper

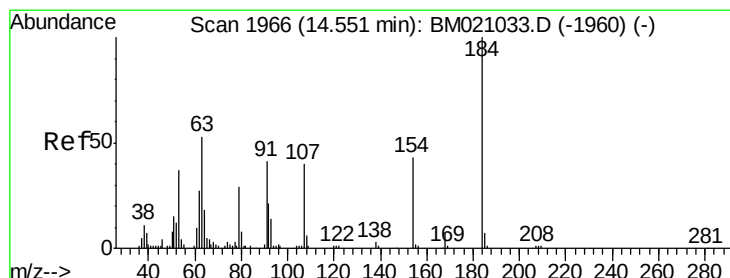
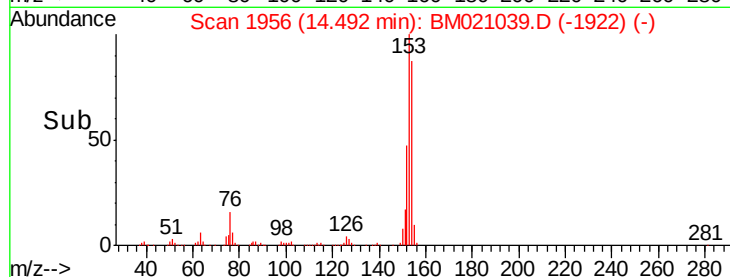
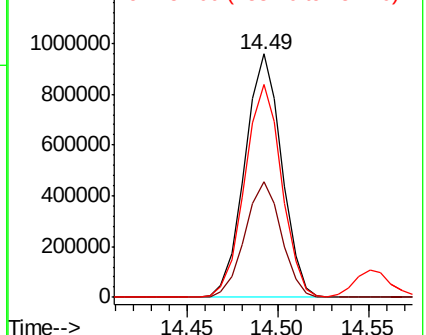
153 100

152 47.3 37.3 55.9

154 87.3 70.5 105.7



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: 43.485 ng/ul

RT: 14.55 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BM021039.D

Acq: 19 Jun 2019 17:05

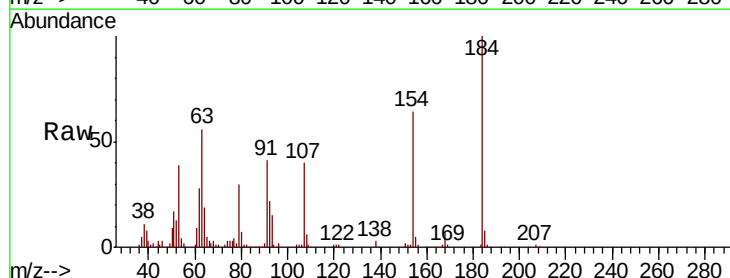
Tgt Ion:184 Resp: 234906

Ion Ratio Lower Upper

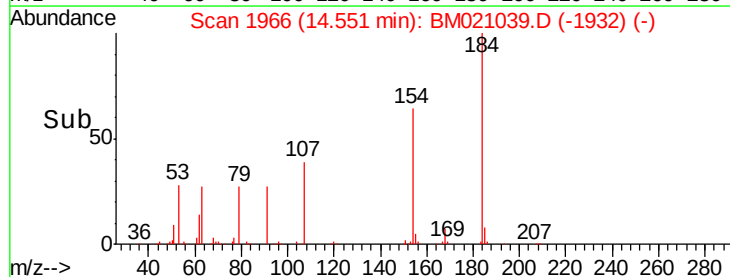
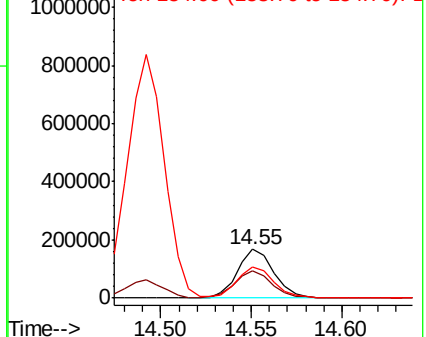
184 100

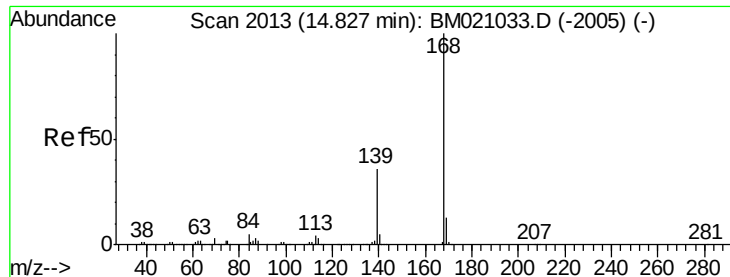
63 55.9 47.8 71.8

154 64.4 52.7 79.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 16.615 ng/ul

RT: 14.83 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BM021039.D

Acq: 19 Jun 2019 17:05

Instrument :

BNA_M

ClientSampleId :

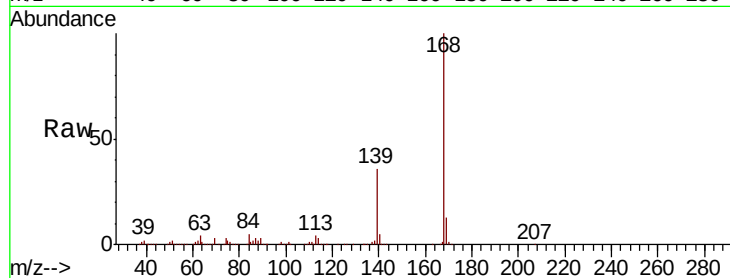
DB8G9

Tot Ion:168 Resp: 1125001

Ion Ratio Lower Upper

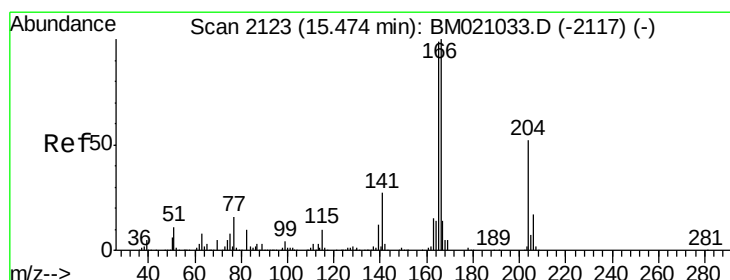
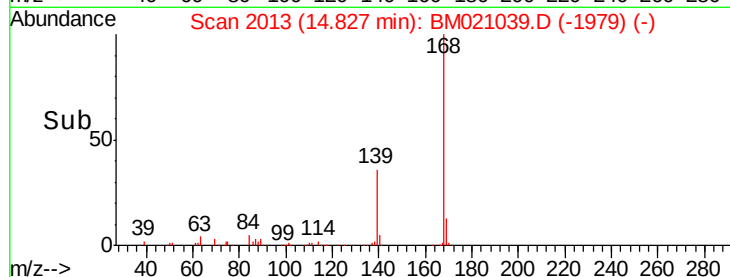
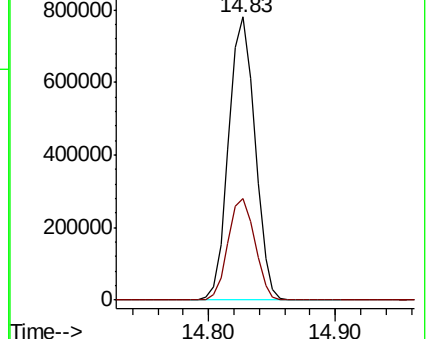
168 100

139 36.0 29.7 44.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 6.892 ng/ul

RT: 15.47 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BM021039.D

Acq: 19 Jun 2019 17:05

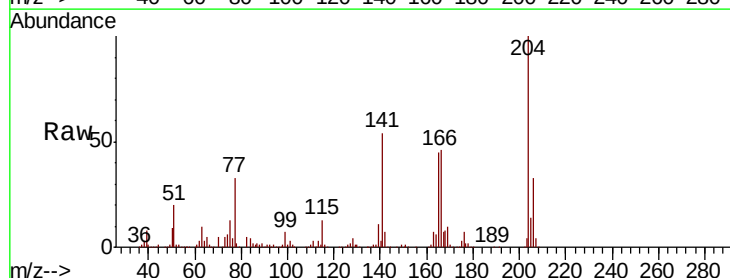
Tgt Ion:166 Resp: 379128

Ion Ratio Lower Upper

166 100

165 97.8 79.0 118.4

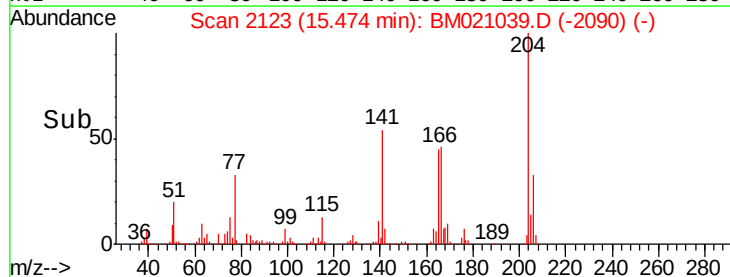
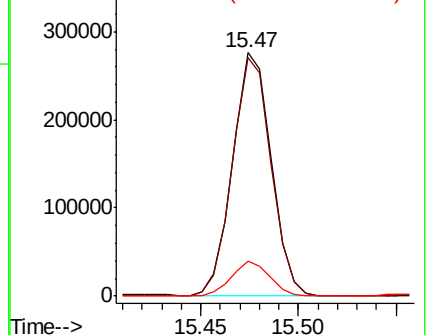
167 14.2 10.6 16.0

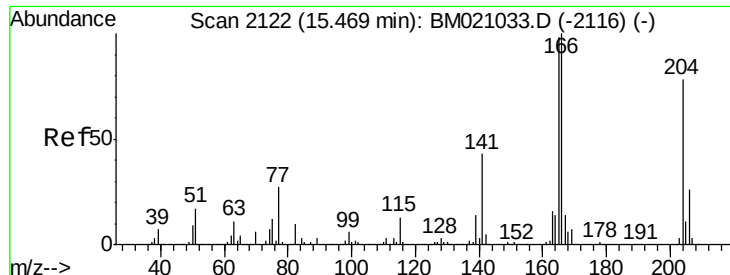


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

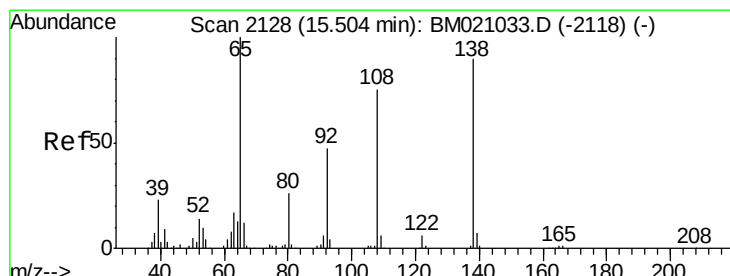
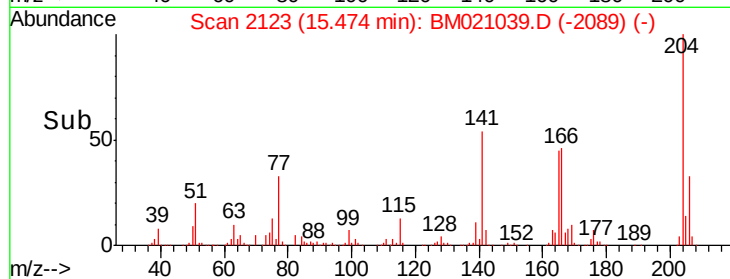
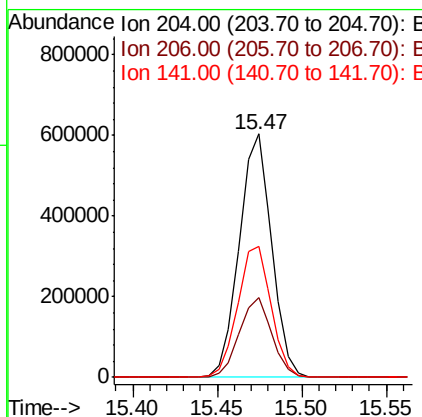
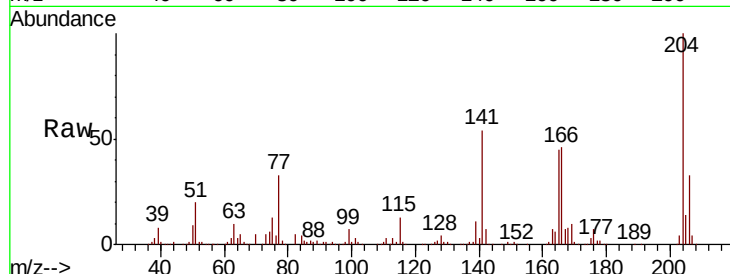




#59
 4-Chlorophenyl-phenylether
 Concen: 26.834 ng/ul
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BM021039.D
 Acq: 19 Jun 2019 17:05

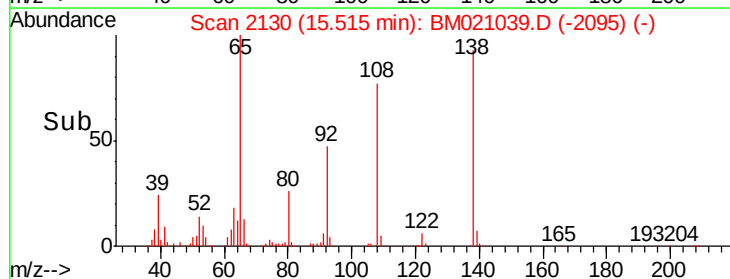
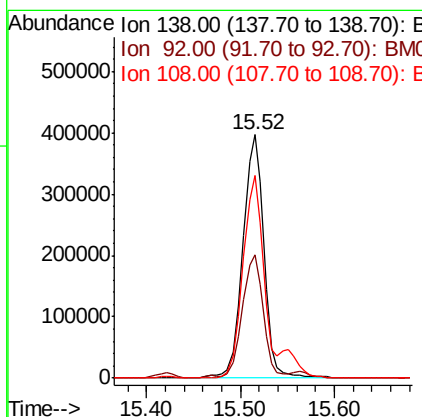
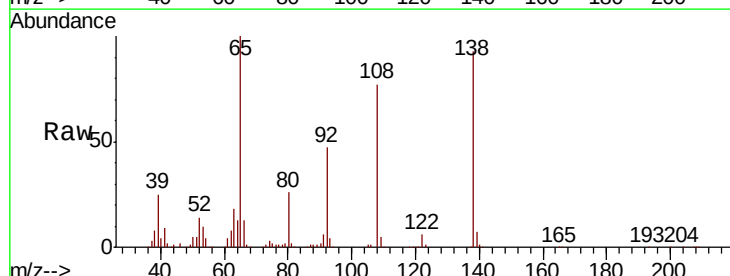
Instrument :
 BNA_M
 ClientSampleId :
 DB8G9

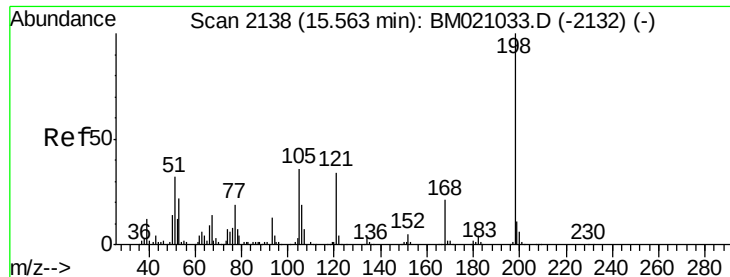
Tot Ion:	204	Resp:	804881
Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.9	38.9
141	53.7	42.6	64.0



#60
 4-Nitroaniline
 Concen: 61.611 ng/ul
 RT: 15.52 min Scan# 2130
 Delta R.T. 0.01 min
 Lab File: BM021039.D
 Acq: 19 Jun 2019 17:05

Tgt Ion:	138	Resp:	616479
Ion	Ratio	Lower	Upper
138	100		
92	50.7	40.4	60.6
108	83.1	64.5	96.7

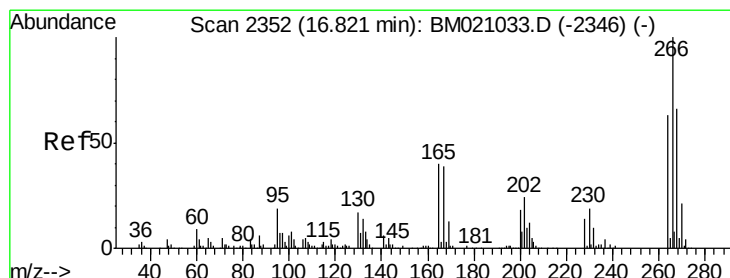
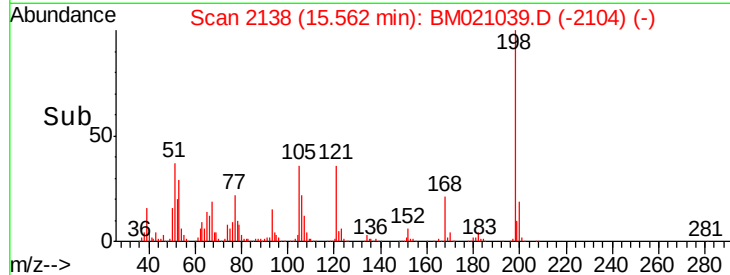
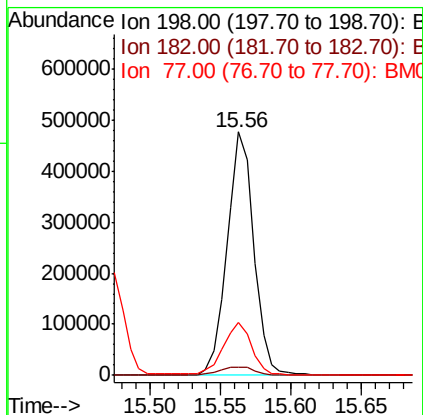
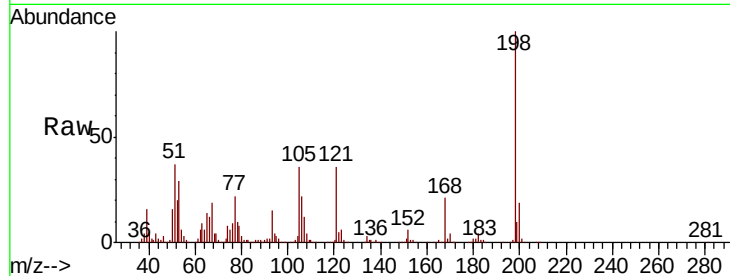




#63
4,6-Dinitro-2-methylphenol
Concen: 65.990 ng/ul
RT: 15.56 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BM021039.D
Acq: 19 Jun 2019 17:05

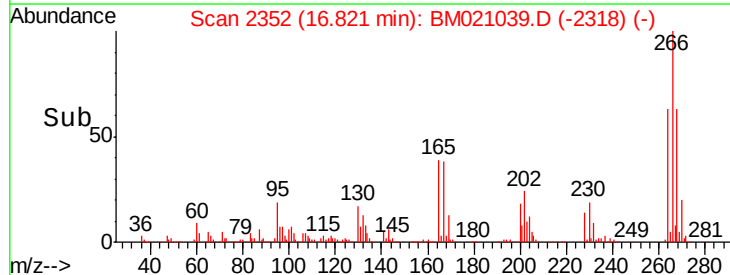
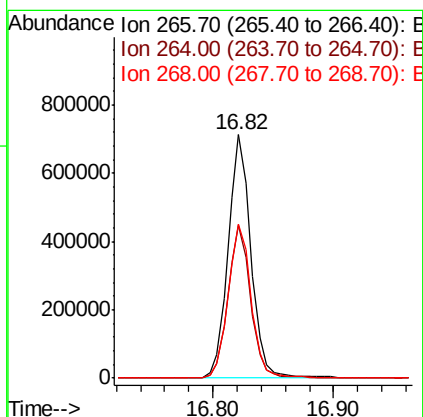
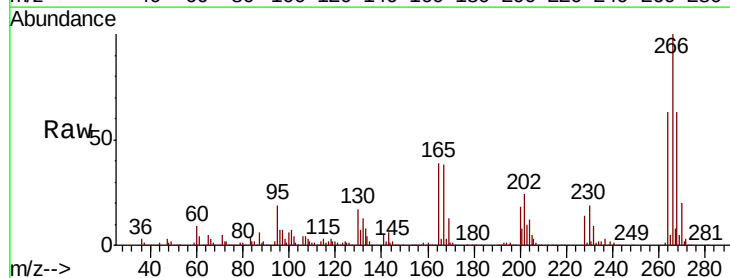
Instrument :
BNA_M
ClientSampleId :
DB8G9

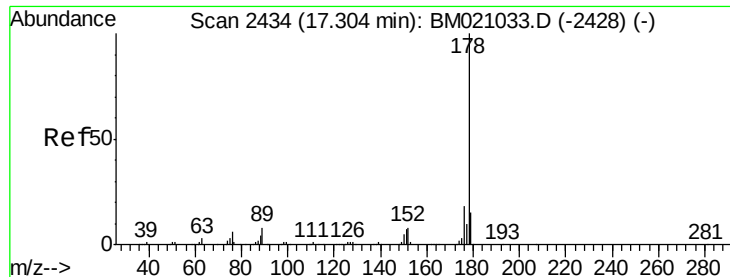
Tot Ion:198 Resp: 627569
Ion Ratio Lower Upper
198 100
182 3.6 3.7 5.5#
77 21.7 18.4 27.6



#68
Pentachlorophenol
Concen: 86.160 ng/ul
RT: 16.82 min Scan# 2352
Delta R.T. -0.00 min
Lab File: BM021039.D
Acq: 19 Jun 2019 17:05

Tgt Ion:266 Resp: 935731
Ion Ratio Lower Upper
266 100
264 62.7 49.9 74.9
268 63.1 53.4 80.0

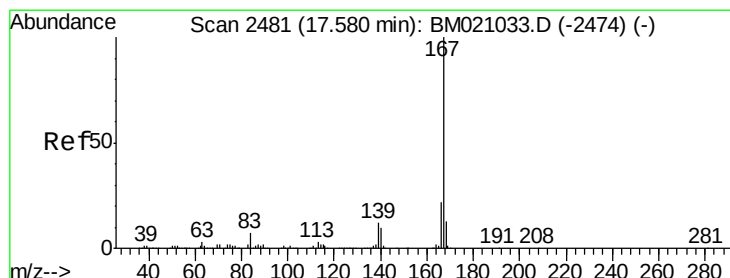
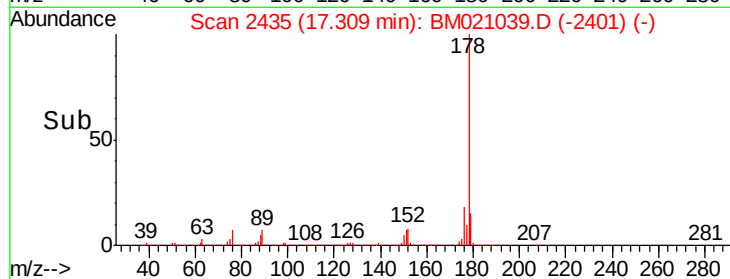
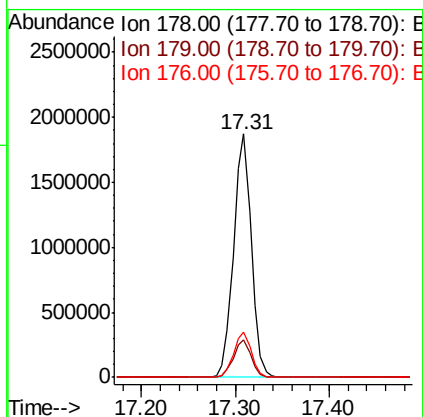
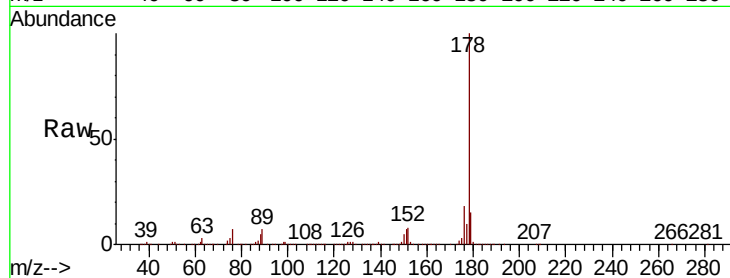




#71
 Anthracene
 Concen: 28.241 ng/ul
 RT: 17.31 min Scan# 2435
 Delta R.T. -0.00 min
 Lab File: BM021039.D
 Acq: 19 Jun 2019 17:05

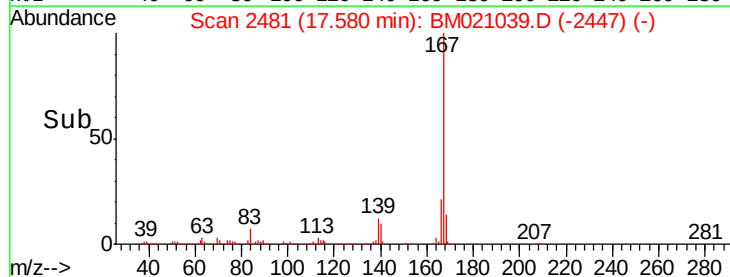
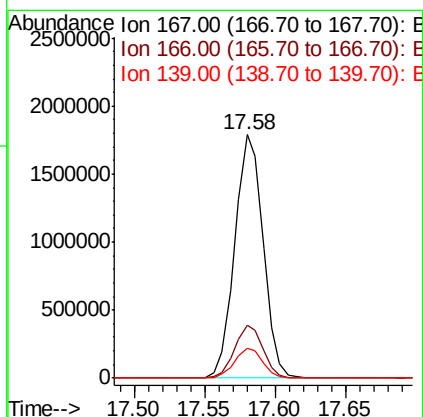
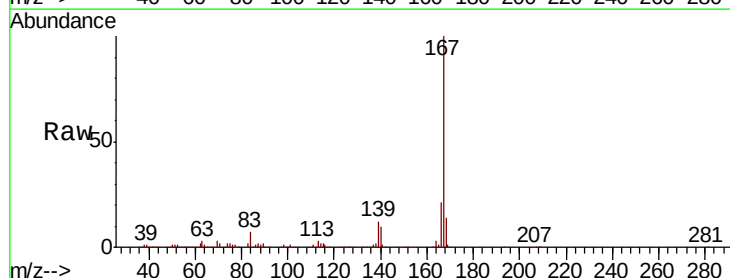
Instrument :
 BNA_M
 ClientSampleId :
 DB8G9

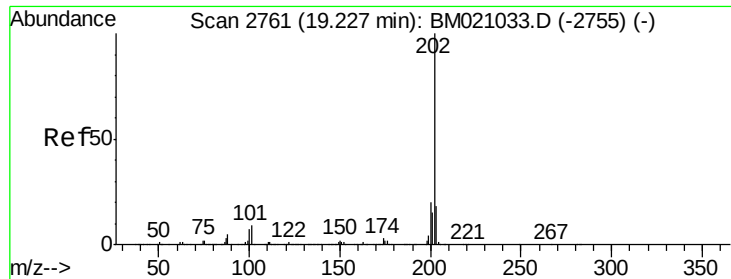
Tot Ion:178 Resp: 2452884
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.5 18.7
 176 18.3 14.6 21.8



#74
 Carbazole
 Concen: 34.971 ng/ul
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.00 min
 Lab File: BM021039.D
 Acq: 19 Jun 2019 17:05

Tgt Ion:167 Resp: 2503292
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.2
 139 12.3 9.8 14.6



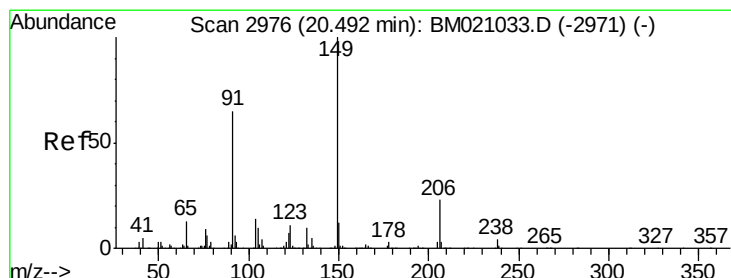
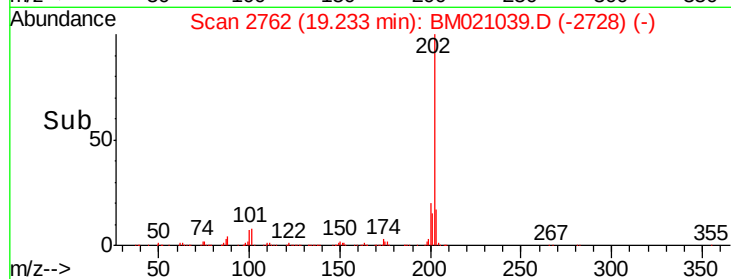
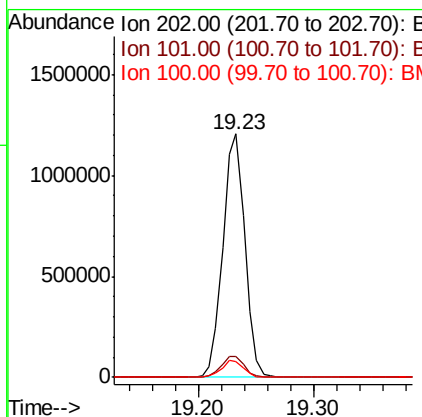
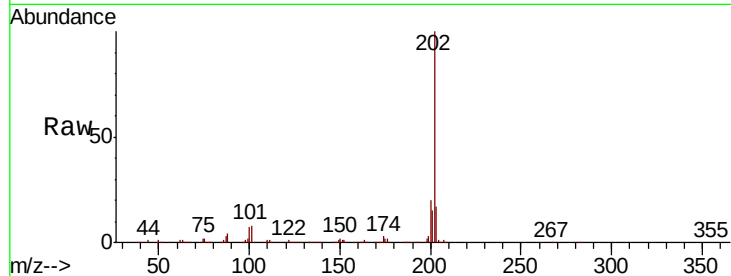


#76
 Fluoranthene
 Concen: 17.289 ng/ul
 RT: 19.23 min Scan# 2762
 Delta R.T. -0.00 min
 Lab File: BM021039.D
 Acq: 19 Jun 2019 17:05

Instrument :
 BNA_M
 ClientSampleId :
 DB8G9

Tot Ion:202 Resp: 1592160

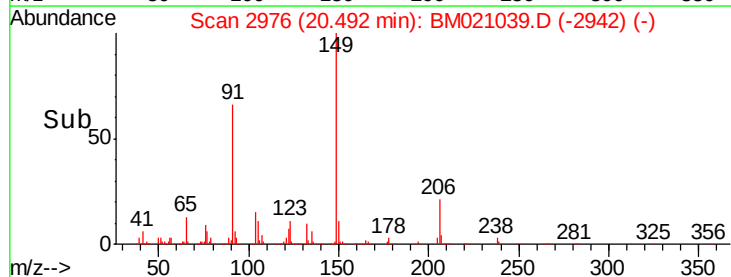
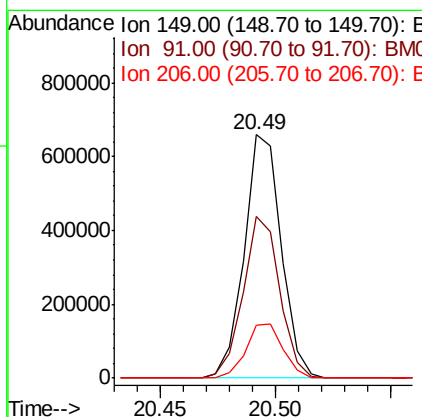
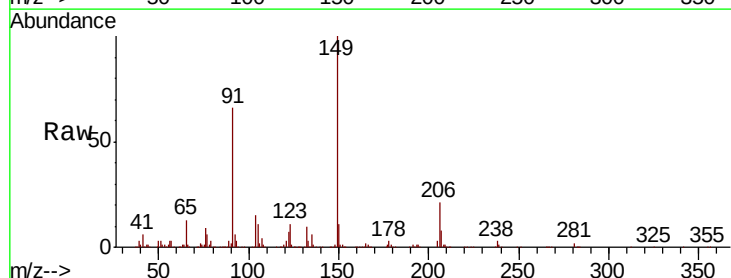
Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.7	10.1
100	6.6	5.5	8.3

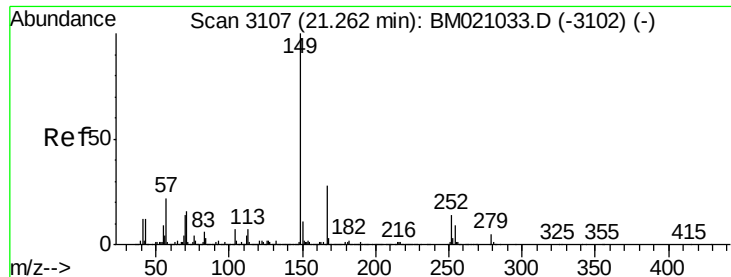


#80
 Butylbenzylphthalate
 Concen: 21.256 ng/ul
 RT: 20.49 min Scan# 2976
 Delta R.T. -0.00 min
 Lab File: BM021039.D
 Acq: 19 Jun 2019 17:05

Tgt Ion:149 Resp: 741659

Ion	Ratio	Lower	Upper
149	100		
91	66.5	53.4	80.2
206	21.5	17.4	26.2

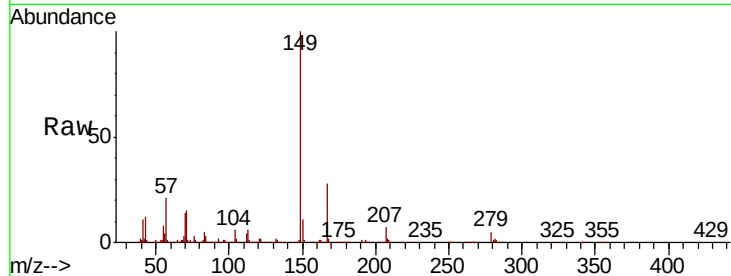




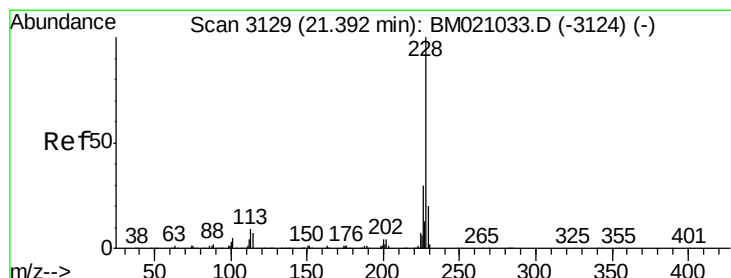
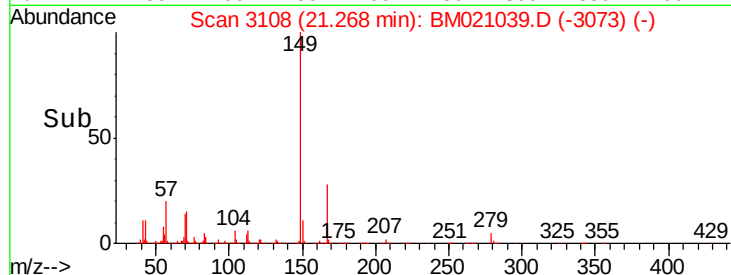
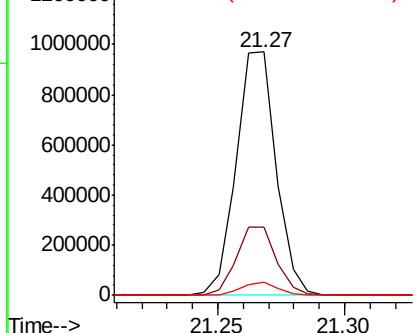
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 21.422 ng/ul
 RT: 21.27 min Scan# 3108
 Delta R.T. 0.01 min
 Lab File: BM021039.D
 Acq: 19 Jun 2019 17:05

Instrument :
 BNA_M
 ClientSampleId :
 DB8G9

Tot Ion:149 Resp: 1064217
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.3 33.5
 279 5.3 3.8 5.6

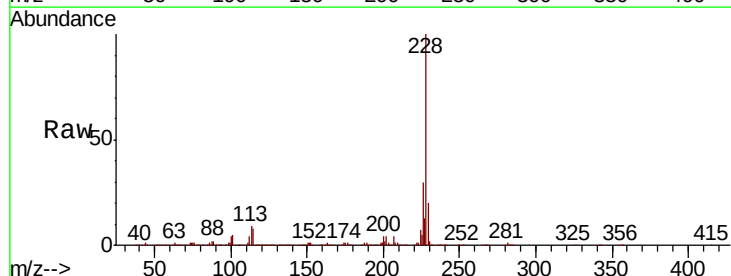


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

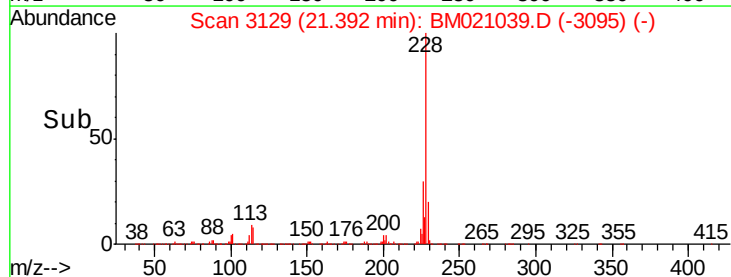
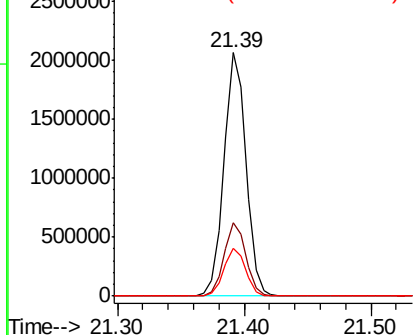


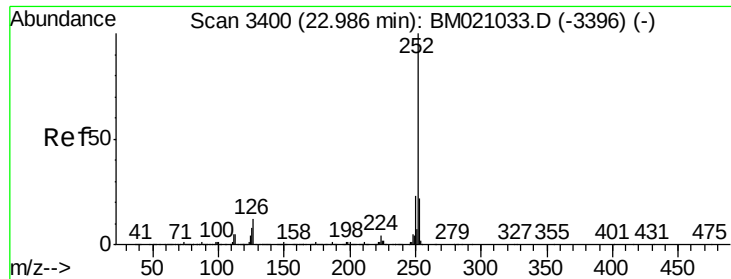
#84
 Chrysene
 Concen: 29.045 ng/ul
 RT: 21.39 min Scan# 3129
 Delta R.T. -0.00 min
 Lab File: BM021039.D
 Acq: 19 Jun 2019 17:05

Tgt Ion:228 Resp: 2472603
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.9 35.9
 229 19.5 15.4 23.2



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: 35.687 ng/ul

RT: 22.99 min Scan# 3401

Delta R.T. -0.00 min

Lab File: BM021039.D

Acq: 19 Jun 2019 17:05

Instrument :

BNA_M

ClientSampleId :

DB8G9

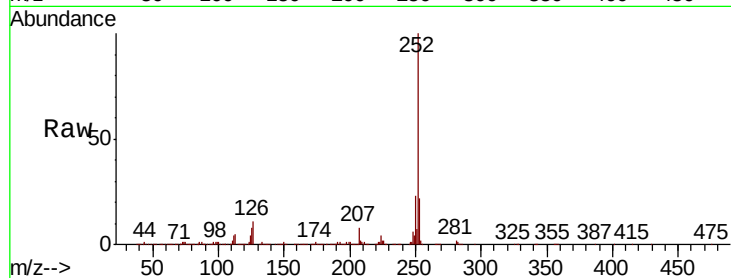
Tot Ion:252 Resp: 3044557

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

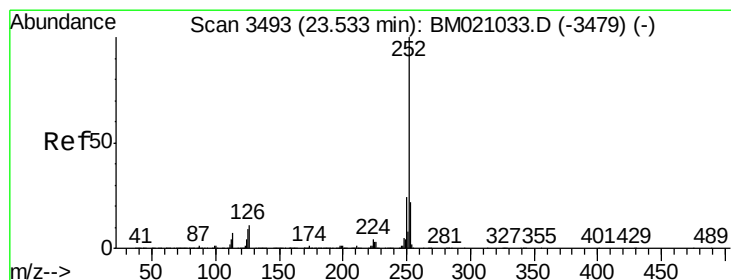
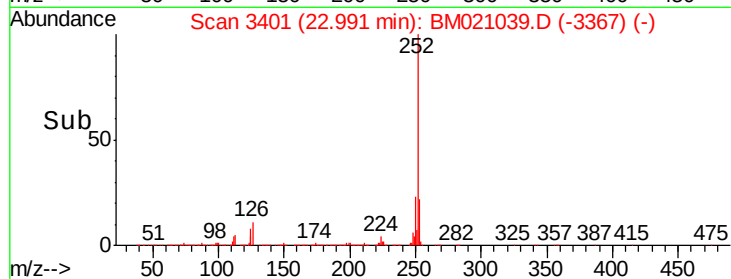
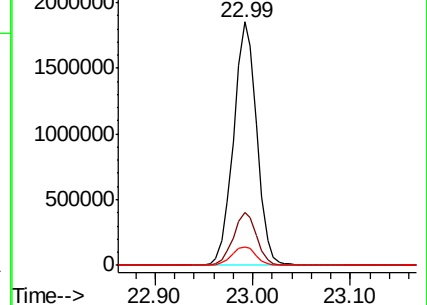
125 7.7 6.6 9.8



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: 34.599 ng/ul

RT: 23.54 min Scan# 3494

Delta R.T. 0.01 min

Lab File: BM021039.D

Acq: 19 Jun 2019 17:05

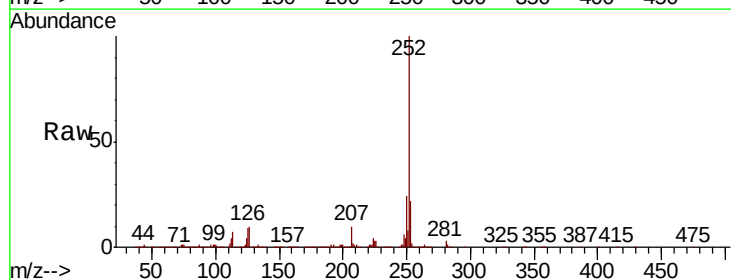
Tgt Ion:252 Resp: 2887919

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

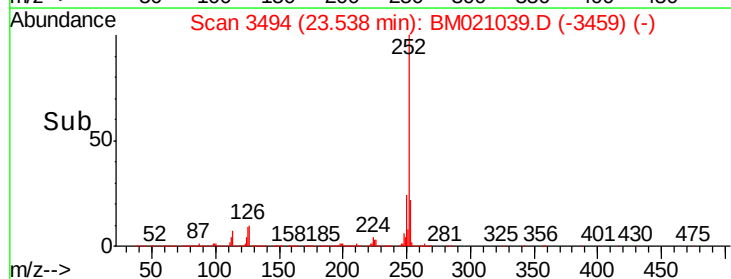
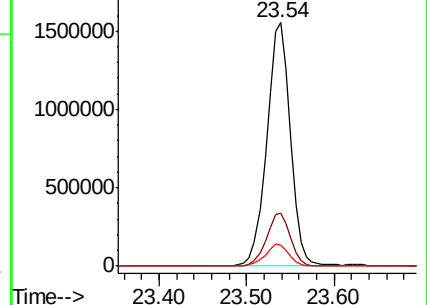
125 8.5 7.2 10.8

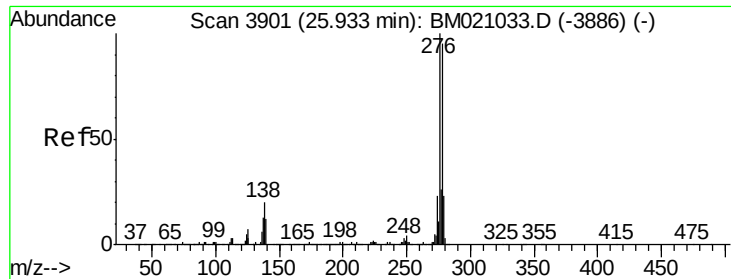


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Indeno(1,2,3-cd)pyrene

Concen: 13.217 ng/ul

RT: 25.93 min Scan# 3900

Delta R.T. -0.01 min

Lab File: BM021039.D

Acq: 19 Jun 2019 17:05

Instrument :

BNA_M

ClientSampleId :

DB8G9

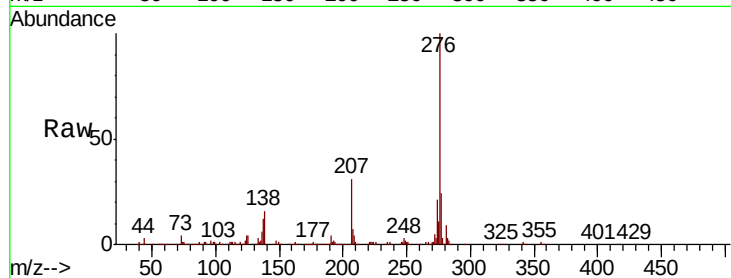
Tot Ion:276 Resp: 1299053

Ion Ratio Lower Upper

276 100

138 16.5 15.9 23.9

277 23.9 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

