

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041421\
 Data File : BM029464.D
 Acq On : 14 Apr 2021 12:34
 Operator : CG/JU
 Sample : M1906-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X3313

Quant Time: Apr 14 13:33:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM041221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 14 10:06:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	94581	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	408353	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	251888	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.06	188	485412	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	391108	20.00	ng/ul	0.00
87) Perylene-d12	23.45	264	363215	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	8924	3.42	ng/uL	0.00
4) Pyridine-d5	3.60	84	108854	15.75	ng/ul	0.00
7) Phenol-d5	6.85	99	189232	21.85	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	124759	22.08	ng/ul	0.00
11) 2-Chlorophenol-d4	7.21	132	143376	22.10	ng/ul	0.00
15) 4-Methylphenol-d8	8.38	113	149947	22.64	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	67436	21.33	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	71858	20.88	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	151929	23.47	ng/ul	0.00
31) 4-Chloroaniline-d4	10.60	131	169766	18.43	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	490614	25.27	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	555708	23.99	ng/ul	0.00
54) 4-Nitrophenol-d4	14.52	143	78722	21.19	ng/ul	0.00
60) Fluorene-d10	15.31	176	397548	24.87	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	69702	22.13	ng/ul	0.00
73) Anthracene-d10	17.16	188	646090	27.54	ng/ul	0.00
80) Pyrene-d10	19.45	212	655978	31.64	ng/ul	0.00
91) Benzo(a)pyrene-d12	23.31	264	567794	28.66	ng/ul	0.00

Target Compounds

					Ovalue
6) Benzaldehyde	6.83	77	364196	75.564	ng/ul 100
12) 2-Chlorophenol	7.25	128	323695	46.821	ng/ul 98
16) Acetophenone	8.50	105	438151	39.868	ng/ul 100
18) 4-Methylphenol	8.44	108	142228	19.933	ng/ul 80
19) Hexachloroethane	8.75	117	116560	37.325	ng/ul 97
29) 2,4-Dichlorophenol	10.11	162	337522	52.145	ng/ul 97
30) Naphthalene	10.51	128	1039536	45.720	ng/ul 99
34) Caprolactam	11.41	113	5216	2.592	ng/ul 92
36) 2-Methylnaphthalene	12.13	142	750453	48.104	ng/ul 96
44) 2-Chloronaphthalene	13.19	162	784556	48.048	ng/ul 99
52) Acenaphthene	14.38	153	475127	26.475	ng/ul 98
61) Fluorene	15.37	166	601020	29.613	ng/ul 99
66) 4,6-Dinitro-2-methylphenol	15.45	198	232092	71.119	ng/ul 96
70) Atrazine	16.53	200	298628	49.643	ng/ul 97
72) Phenanthrene	17.10	178	1138200	38.019	ng/ul 99
76) Carbazole	17.46	167	1676980	59.200	ng/ul 99
81) Pyrene	19.48	202	1623261	56.251	ng/ul 99
82) Butylbenzylphthalate	20.39	149	747167	57.800	ng/ul 99
85) Bis(2-ethylhexyl)phthalate	21.17	149	1015486	50.244	ng/ul 99
93) Indeno(1,2,3-cd)pyrene	25.68	276	1467340	53.120	ng/ul 99
94) Dibenzo(a,h)anthracene	25.69	278	986606	42.447	ng/ul 99
95) Benzo(g,h,i)perylene	26.35	276	889909	39.817	ng/ul 99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041421\
Data File : BM029464.D
Acq On : 14 Apr 2021 12:34
Operator : CG/JU
Sample : M1906-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X3313

Quant Time: Apr 14 13:33:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM041221.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 14 10:06:38 2021
Response via : Initial Calibration

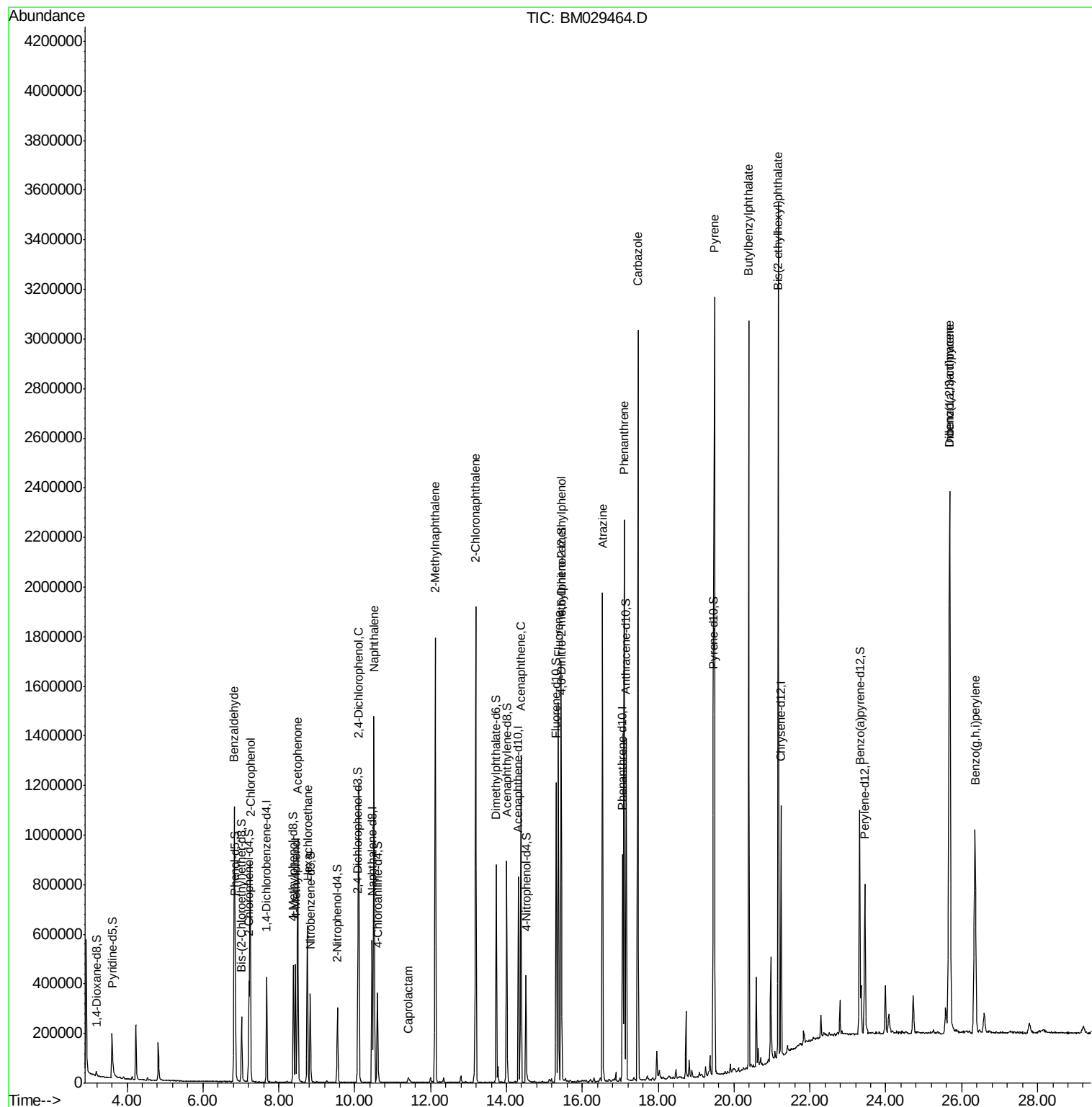
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

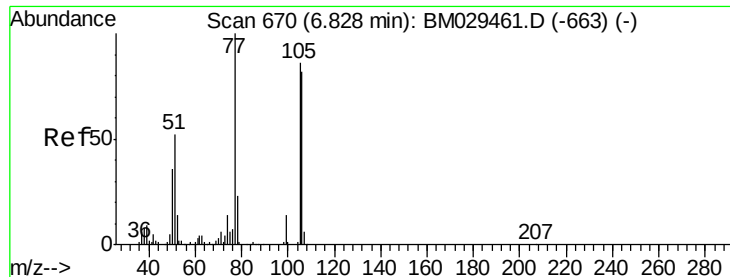
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041421\
Data File : BM029464.D
Acq On : 14 Apr 2021 12:34
Operator : CG/JU
Sample : M1906-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
X3313

Quant Time: Apr 14 13:33:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM041221.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 14 10:06:38 2021
Response via : Initial Calibration





#6

Benzaldehyde

Concen: 75.564 ng/ul

RT: 6.83 min Scan# 670

Delta R.T. 0.00 min

Lab File: BM029464.D

Acq: 14 Apr 2021 12:34

Instrument :

BNA_M

ClientSampleId :

X3313

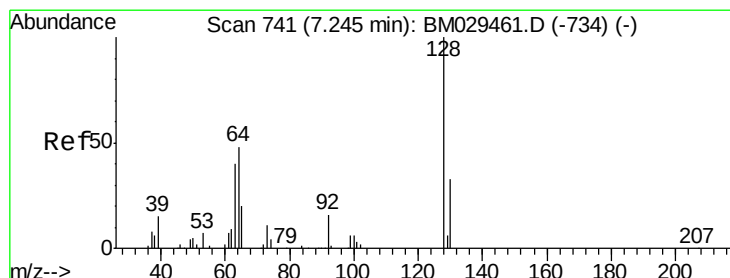
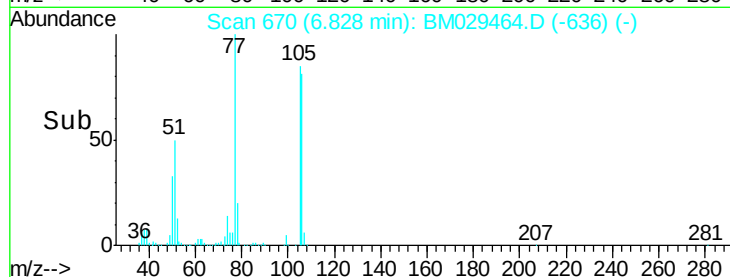
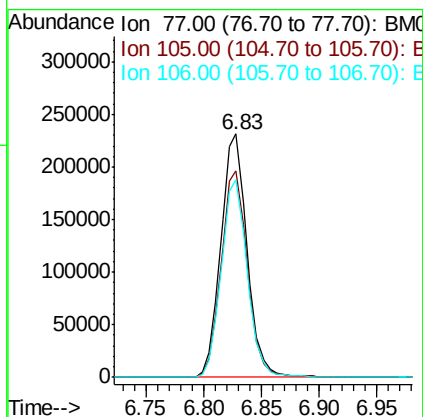
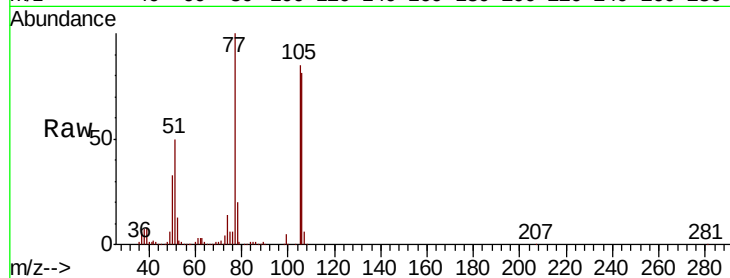
Tot Ion: 77 Resp: 364196

Ion Ratio Lower Upper

77 100

105 84.7 67.4 101.2

106 81.2 65.3 97.9



#12

2-Chlorophenol

Concen: 46.821 ng/ul

RT: 7.25 min Scan# 741

Delta R.T. 0.00 min

Lab File: BM029464.D

Acq: 14 Apr 2021 12:34

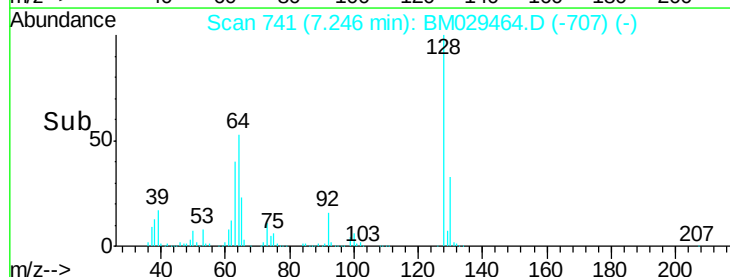
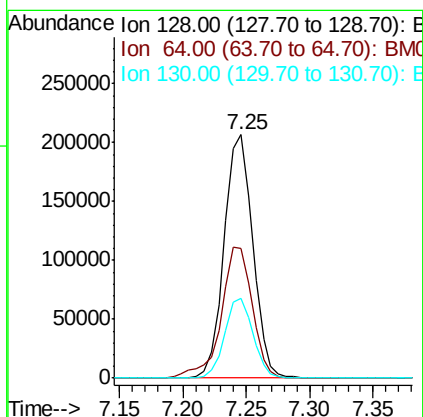
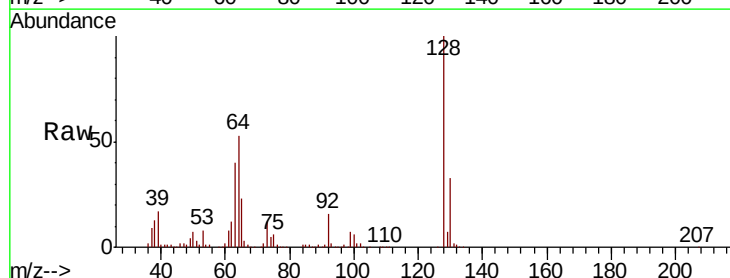
Tgt Ion: 128 Resp: 323695

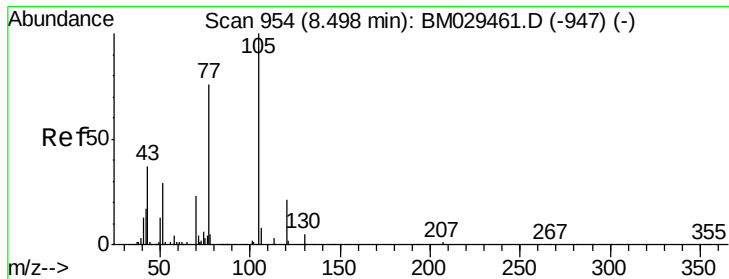
Ion Ratio Lower Upper

128 100

64 53.3 42.3 63.5

130 32.8 24.6 37.0





#16

Acetophenone

Concen: 39.868 ng/ul

RT: 8.50 min Scan# 954

Delta R.T. 0.00 min

Lab File: BM029464.D

Acq: 14 Apr 2021 12:34

Instrument :

BNA_M

ClientSampleId :

X3313

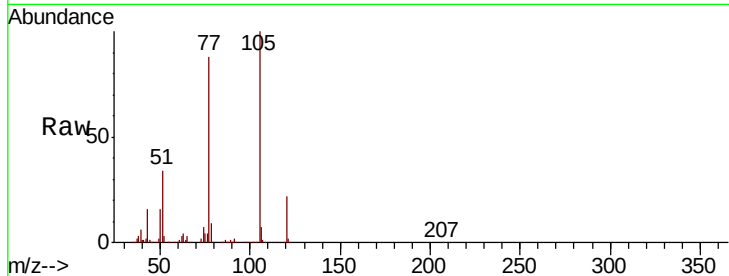
Tot Ion:105 Resp: 438151

Ion Ratio Lower Upper

105 100

77 88.5 70.8 106.2

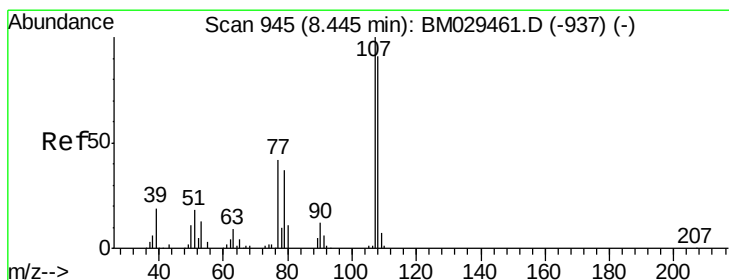
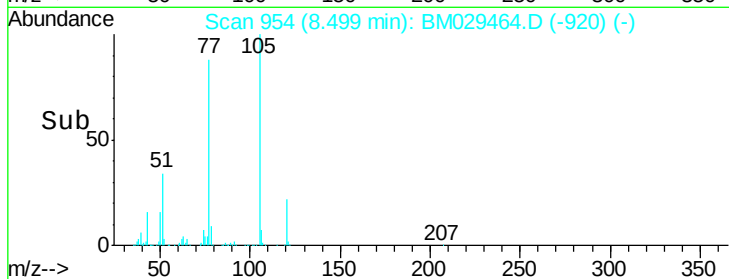
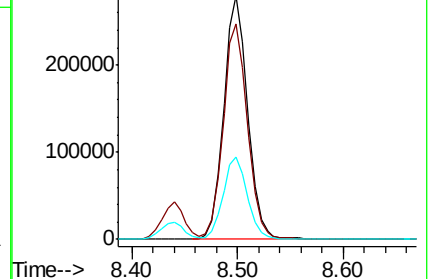
51 33.9 26.9 40.3



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#18

4-Methylphenol

Concen: 19.933 ng/ul

RT: 8.44 min Scan# 944

Delta R.T. -0.01 min

Lab File: BM029464.D

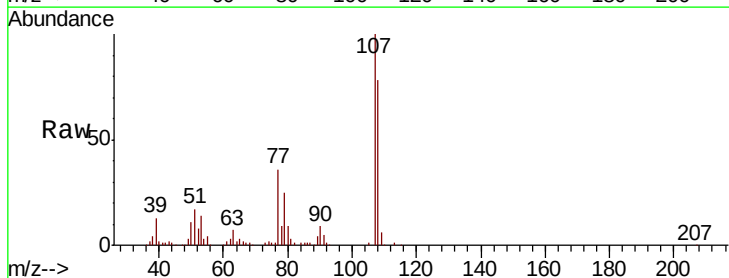
Acq: 14 Apr 2021 12:34

Tgt Ion:108 Resp: 142228

Ion Ratio Lower Upper

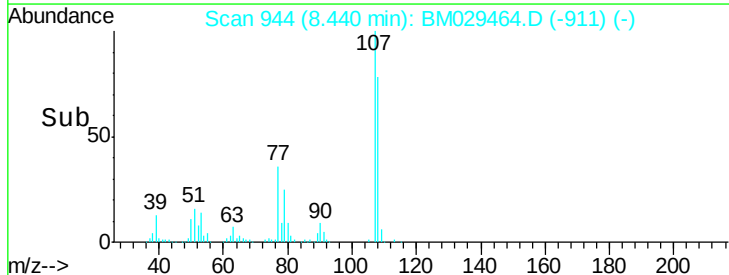
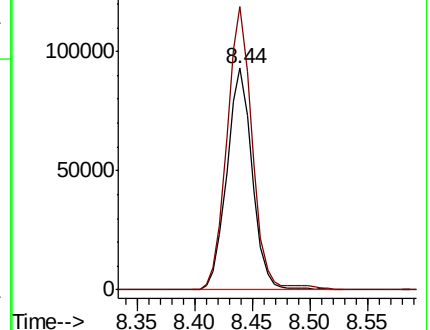
108 100

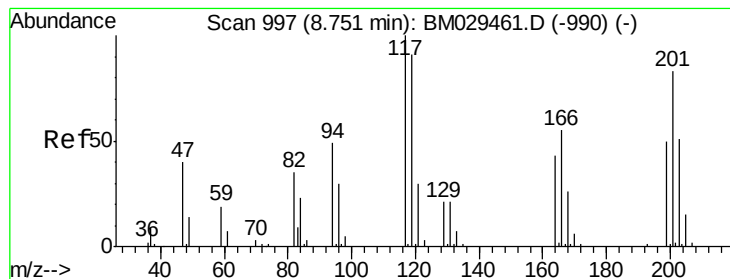
107 127.8 85.8 128.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#19

Hexachloroethane

Concen: 37.325 ng/ul

RT: 8.75 min Scan# 996

Delta R.T. -0.01 min

Lab File: BM029464.D

Acq: 14 Apr 2021 12:34

Instrument :

BNA_M

ClientSampleId :

X3313

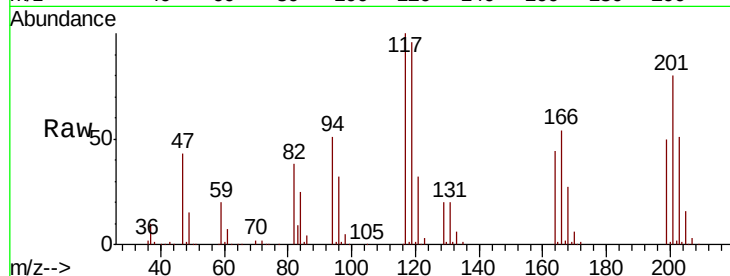
Tot Ion:117 Resp: 116560

Ion Ratio Lower Upper

117 100

201 79.9 61.6 92.4

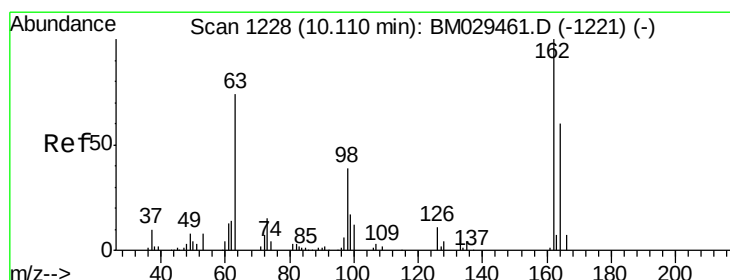
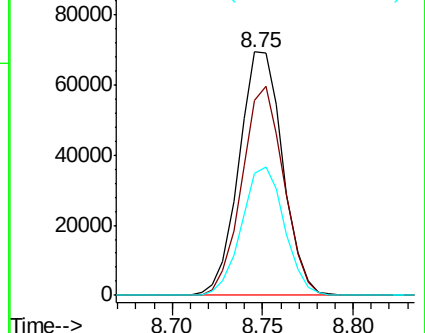
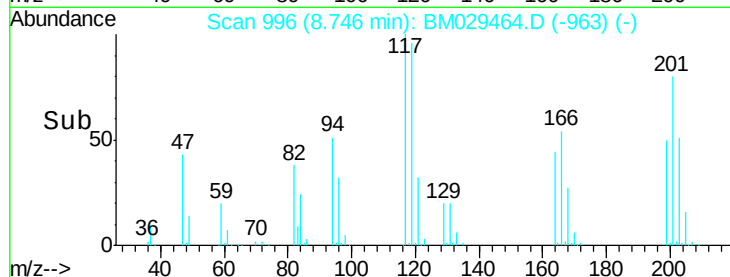
199 49.9 38.0 57.0



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



#29

2,4-Dichlorophenol

Concen: 52.145 ng/ul

RT: 10.11 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BM029464.D

Acq: 14 Apr 2021 12:34

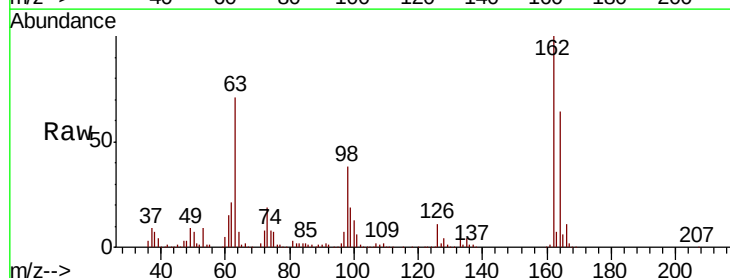
Tgt Ion:162 Resp: 337522

Ion Ratio Lower Upper

162 100

164 63.8 49.9 74.9

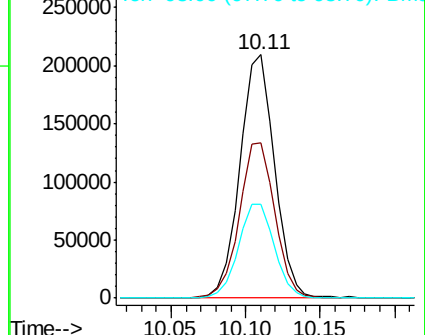
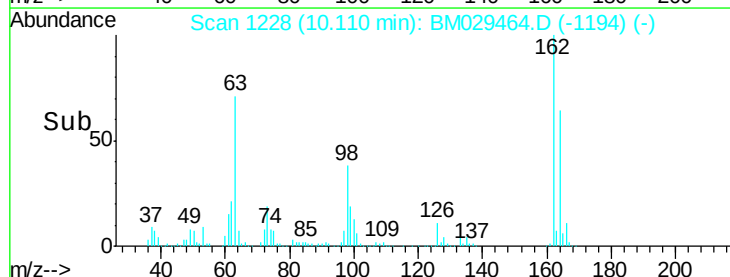
98 38.4 33.0 49.4

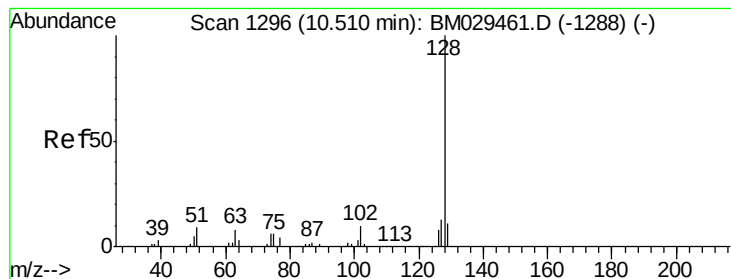


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM





#30

Naphthalene

Concen: 45.720 ng/ul

RT: 10.51 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BM029464.D

Acq: 14 Apr 2021 12:34

Instrument :

BNA_M

ClientSampleId :

X3313

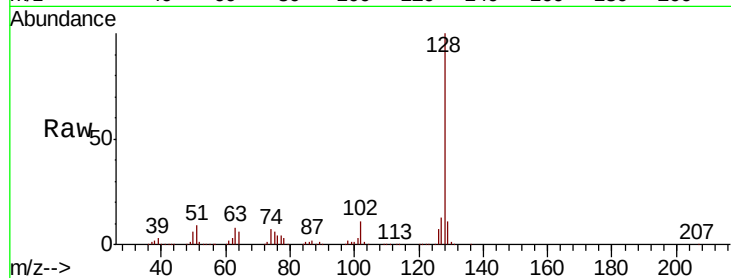
Tot Ion:128 Resp: 1039536

Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

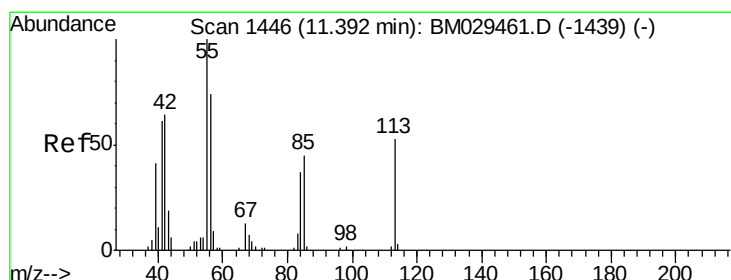
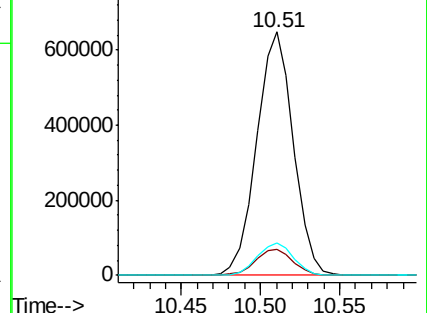
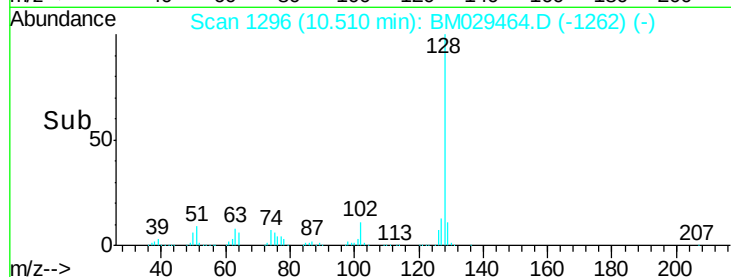
127 13.3 10.4 15.6



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



#34

Caprolactam

Concen: 2.592 ng/ul

RT: 11.41 min Scan# 1449

Delta R.T. 0.02 min

Lab File: BM029464.D

Acq: 14 Apr 2021 12:34

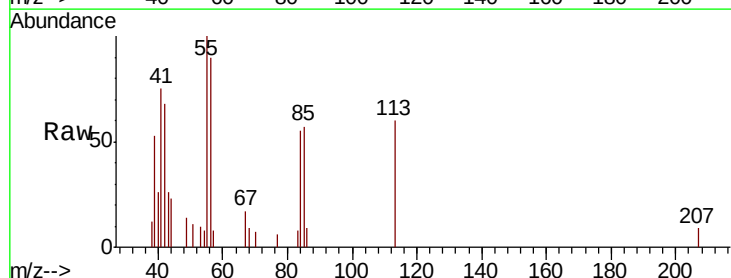
Tgt Ion:113 Resp: 5216

Ion Ratio Lower Upper

113 100

55 166.7 144.8 217.2

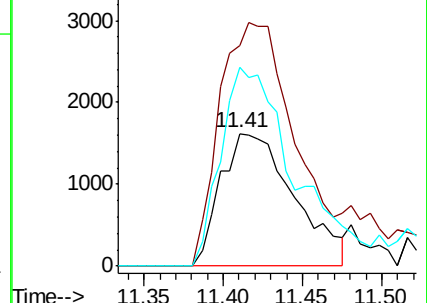
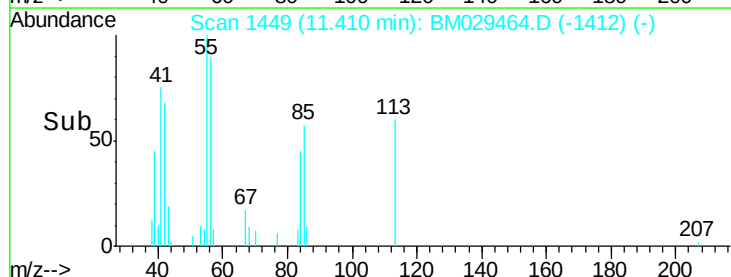
56 150.2 115.4 173.0

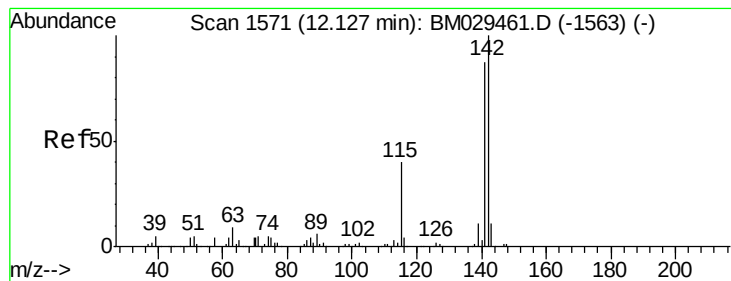


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0





#36

2-Methylnaphthalene

Concen: 48.104 ng/ul

RT: 12.13 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BM029464.D

Acq: 14 Apr 2021 12:34

Instrument :

BNA_M

ClientSampled :

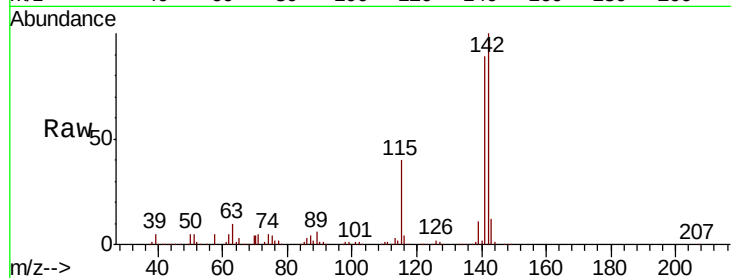
X3313

Tot Ion:142 Resp: 750453

Ion Ratio Lower Upper

142 100

141 89.0 74.6 112.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.13

500000

400000

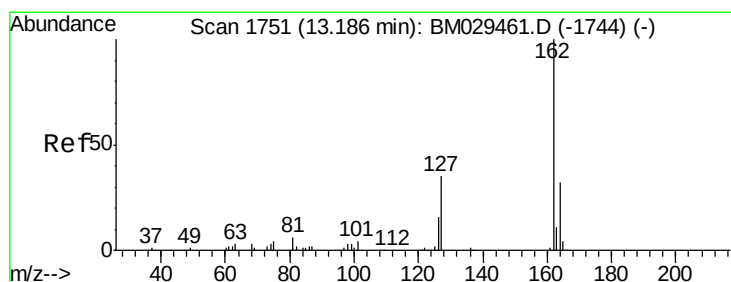
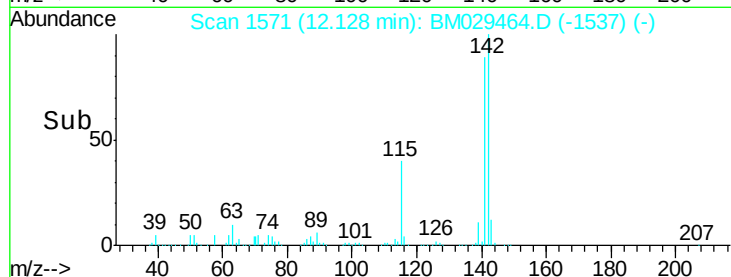
300000

200000

100000

0

Time-->



#44

2-Chloronaphthalene

Concen: 48.048 ng/ul

RT: 13.19 min Scan# 1751

Delta R.T. 0.00 min

Lab File: BM029464.D

Acq: 14 Apr 2021 12:34

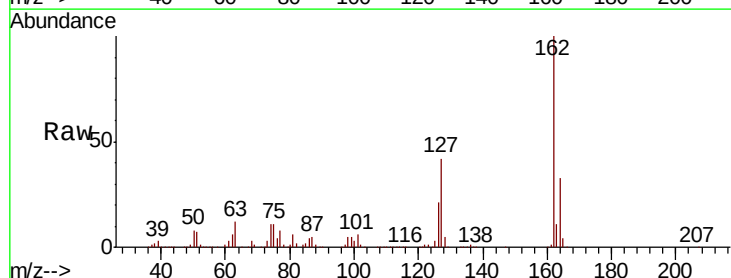
Tgt Ion:162 Resp: 784556

Ion Ratio Lower Upper

162 100

164 32.9 26.0 39.0

127 42.0 32.8 49.2



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

13.19

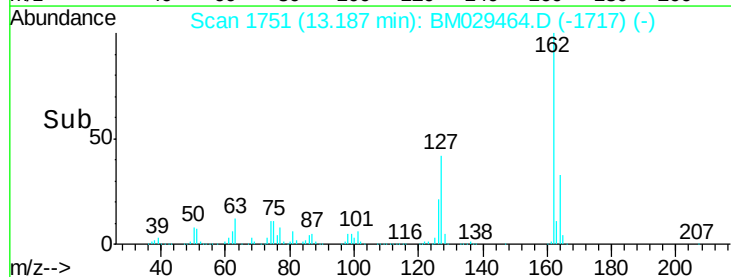
600000

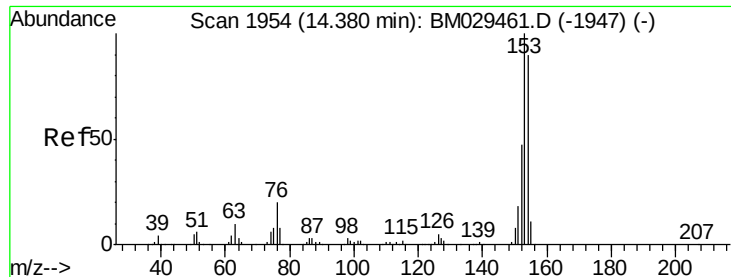
400000

200000

0

Time-->





#52

Acenaphthene

Concen: 26.475 ng/ul

RT: 14.38 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BM029464.D

Acq: 14 Apr 2021 12:34

Instrument :

BNA_M

ClientSampled :

X3313

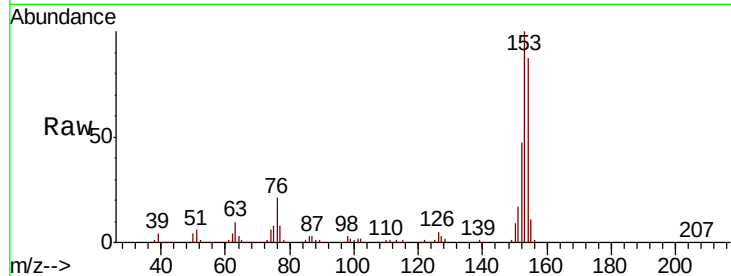
Tot Ion:153 Resp: 475127

Ion Ratio Lower Upper

153 100

152 47.4 38.3 57.5

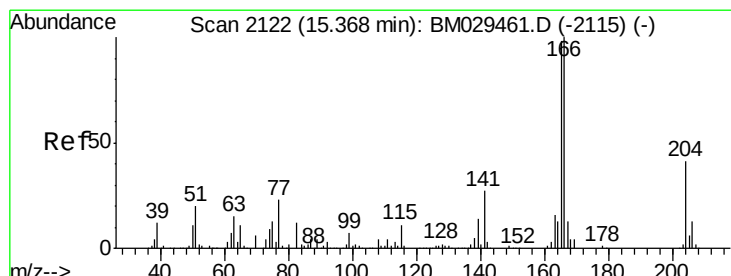
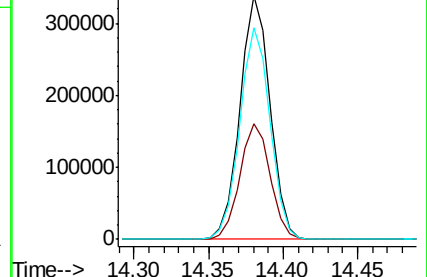
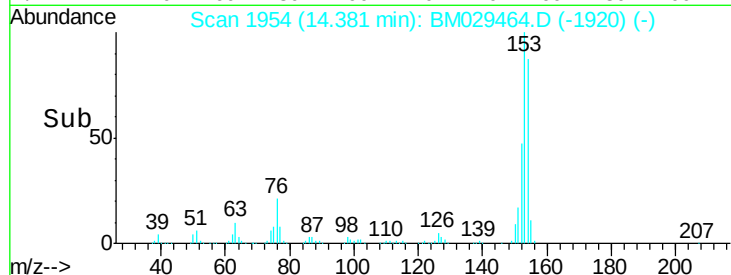
154 86.7 71.3 106.9



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



#61

Fluorene

Concen: 29.613 ng/ul

RT: 15.37 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BM029464.D

Acq: 14 Apr 2021 12:34

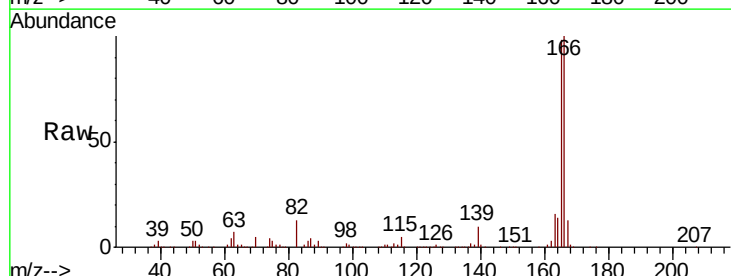
Tgt Ion:166 Resp: 601020

Ion Ratio Lower Upper

166 100

165 98.4 79.8 119.6

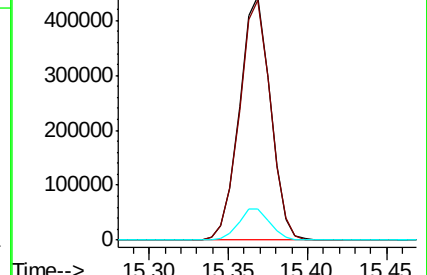
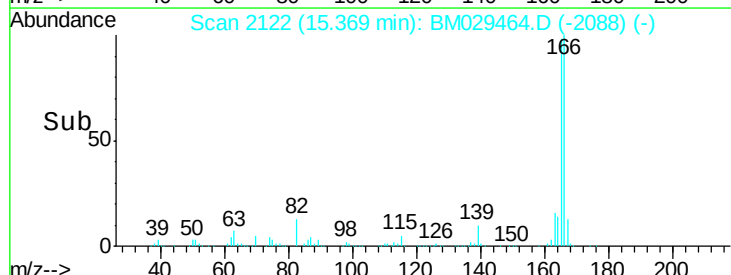
167 13.0 10.7 16.1

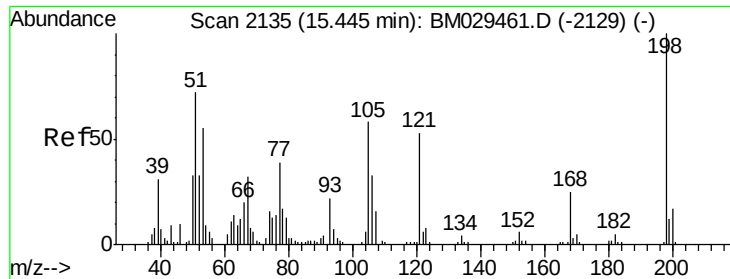


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

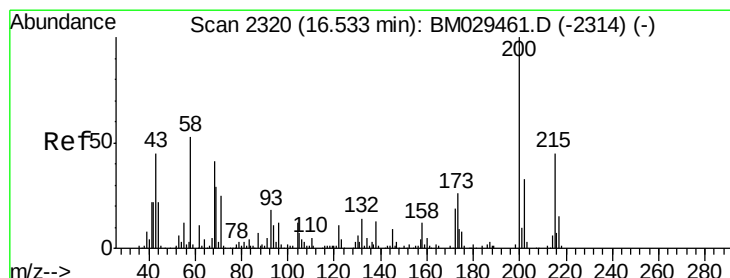
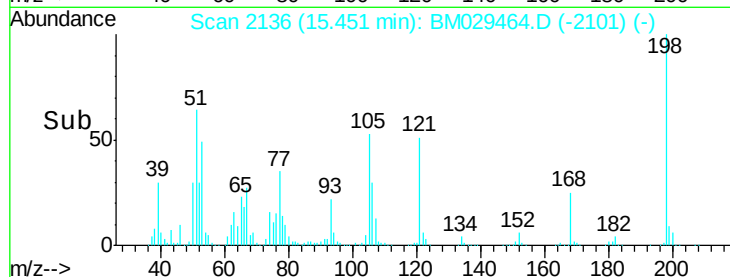
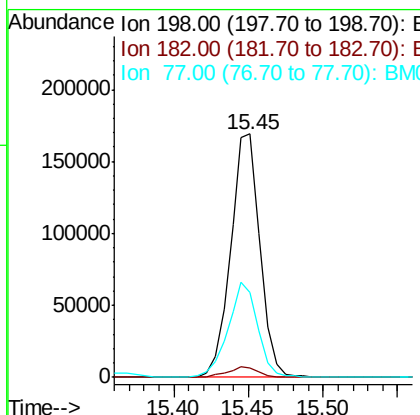
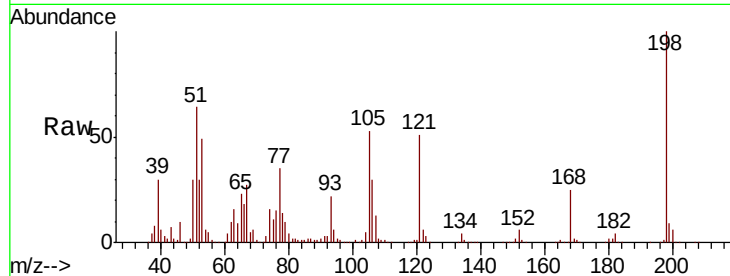




#66
 4,6-Dinitro-2-methylphenol
 Concen: 71.119 ng/ul
 RT: 15.45 min Scan# 2136
 Delta R.T. 0.01 min
 Lab File: BM029464.D
 Acq: 14 Apr 2021 12:34

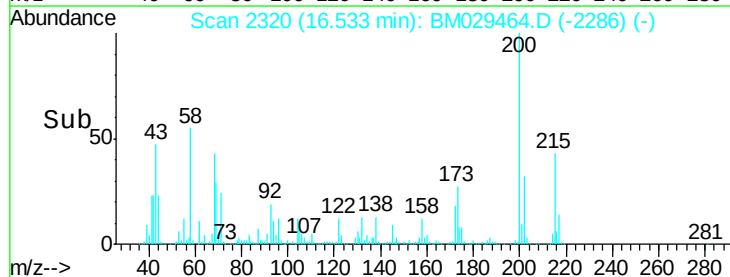
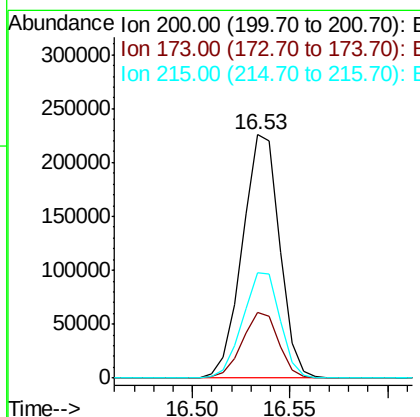
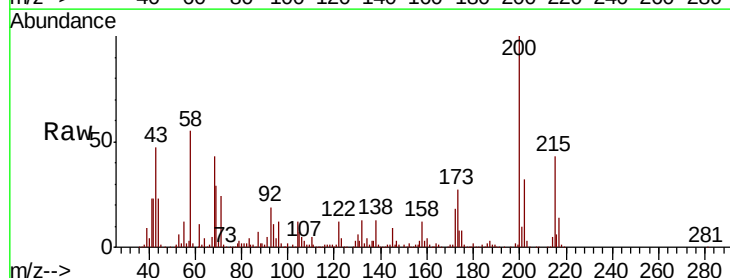
Instrument :
 BNA_M
 ClientSampled :
 X3313

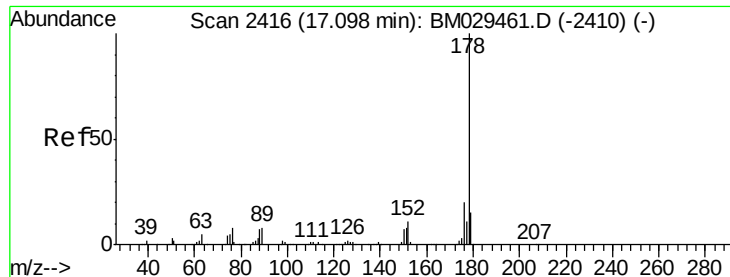
Tot Ion	Ratio	Lower	Upper
198	100		
182	3.7	3.5	5.3
77	34.6	29.8	44.6



#70
 Atrazine
 Concen: 49.643 ng/ul
 RT: 16.53 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BM029464.D
 Acq: 14 Apr 2021 12:34

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.8	20.6	31.0
215	43.2	36.4	54.6





#72

Phenanthrene

Concen: 38.019 ng/ul

RT: 17.10 min Scan# 2417

Delta R.T. 0.01 min

Lab File: BM029464.D

Acq: 14 Apr 2021 12:34

Instrument :

BNA_M

ClientSampleId :

X3313

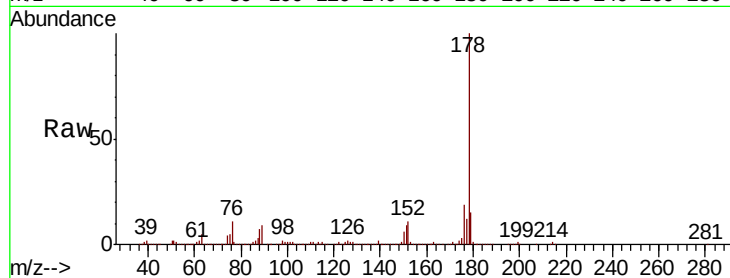
Tot Ion:178 Resp: 1138200

Ion Ratio Lower Upper

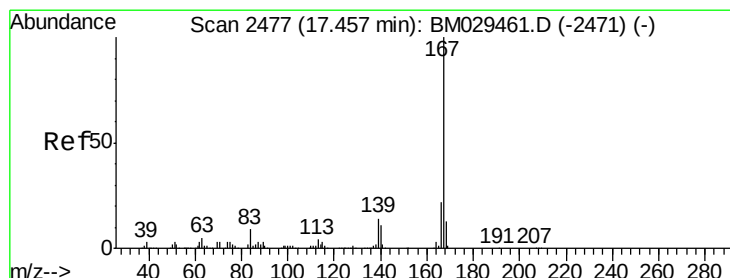
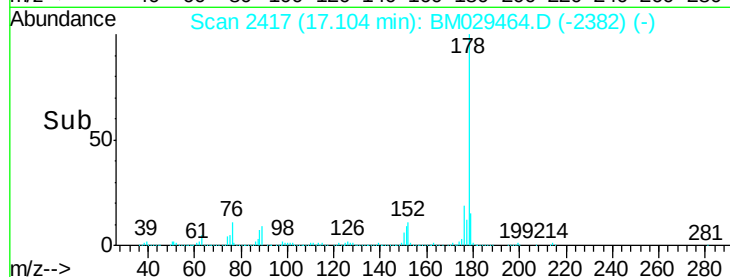
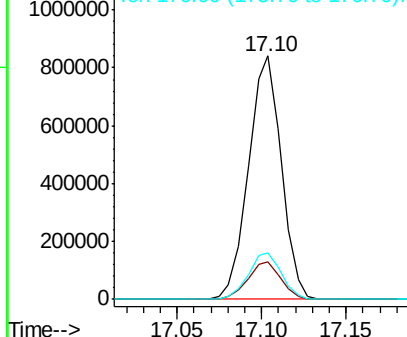
178 100

179 15.3 11.8 17.8

176 19.3 15.5 23.3



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



#76

Carbazole

Concen: 59.200 ng/ul

RT: 17.46 min Scan# 2478

Delta R.T. 0.01 min

Lab File: BM029464.D

Acq: 14 Apr 2021 12:34

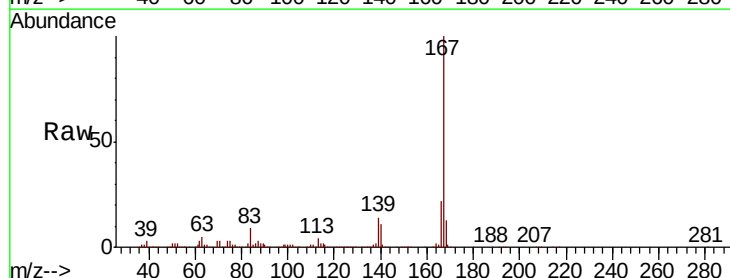
Tgt Ion:167 Resp: 1676980

Ion Ratio Lower Upper

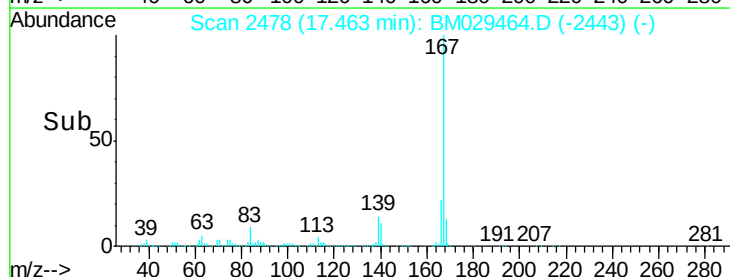
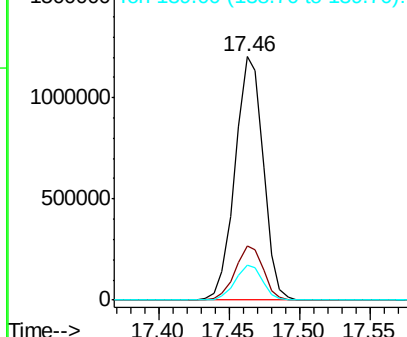
167 100

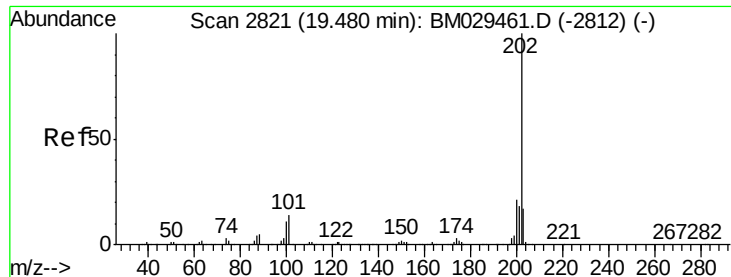
166 22.5 17.7 26.5

139 14.3 11.4 17.0



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





#81

Pvrene

Concen: 56.251 ng/ul

RT: 19.48 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BM029464.D

Acq: 14 Apr 2021 12:34

Instrument :

BNA_M

ClientSampleId :

X3313

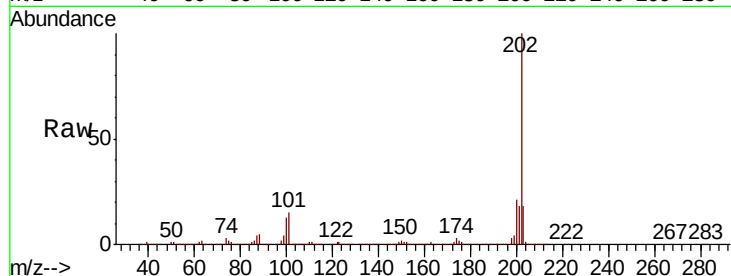
Tot Ion:202 Resp: 1623261

Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.0	18.0
100	13.1	9.8	14.8

202 100

101 15.2 12.0 18.0

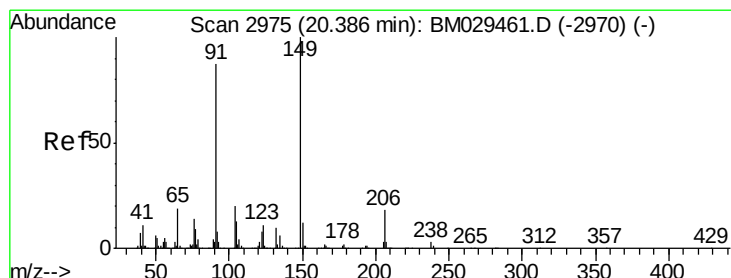
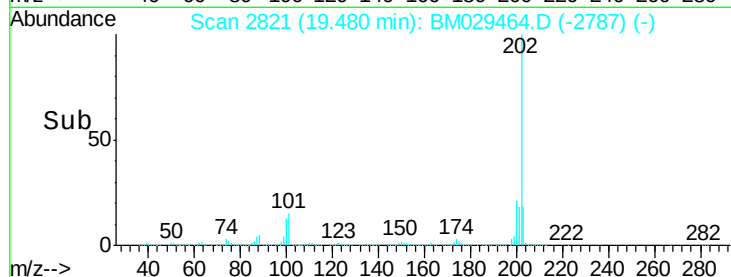
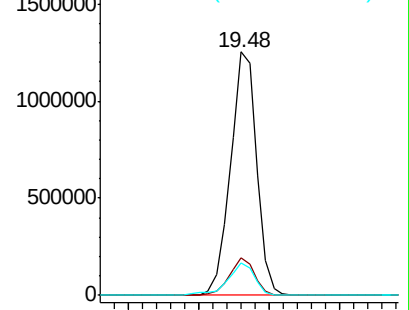
100 13.1 9.8 14.8



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



#82

Butylbenzylphthalate

Concen: 57.800 ng/ul

RT: 20.39 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BM029464.D

Acq: 14 Apr 2021 12:34

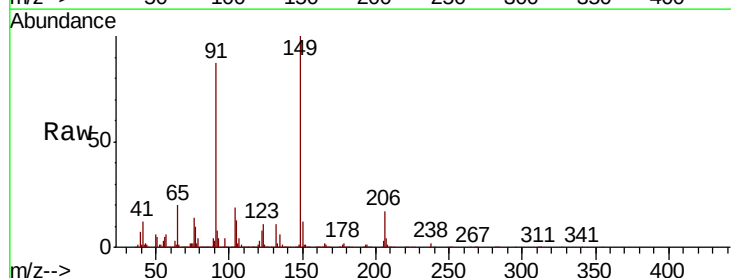
Tgt Ion:149 Resp: 747167

Ion	Ratio	Lower	Upper
149	100		
91	86.9	70.1	105.1
206	16.8	13.4	20.2

149 100

91 86.9 70.1 105.1

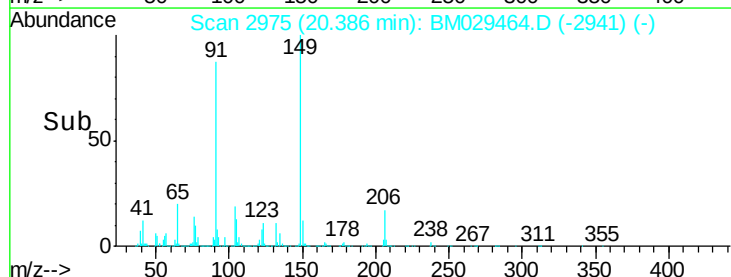
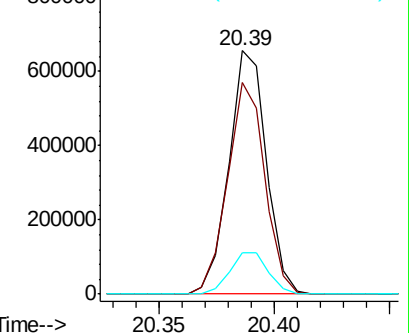
206 16.8 13.4 20.2

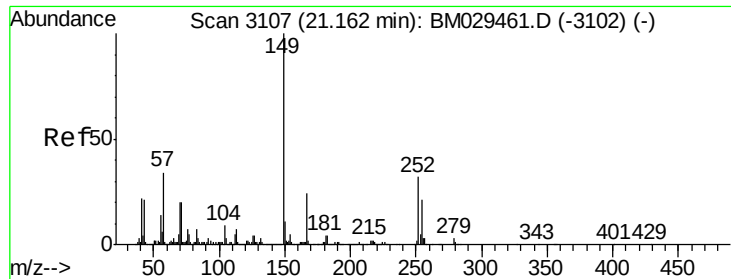


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#85

Bis(2-ethylhexyl)phthalate

Concen: 50.244 ng/ul

RT: 21.17 min Scan# 3108

Delta R.T. 0.01 min

Lab File: BM029464.D

Acq: 14 Apr 2021 12:34

Instrument :

BNA_M

ClientSampled :

X3313

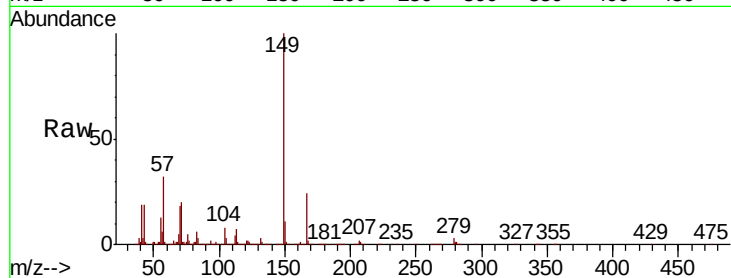
Tot Ion:149 Resp: 1015486

Ion Ratio Lower Upper

149 100

167 24.5 20.0 30.0

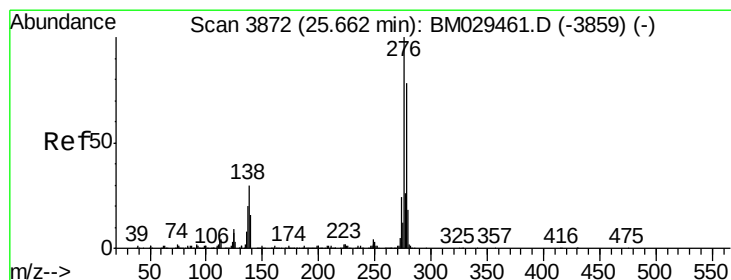
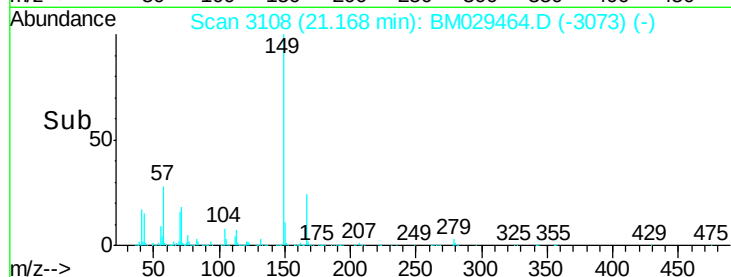
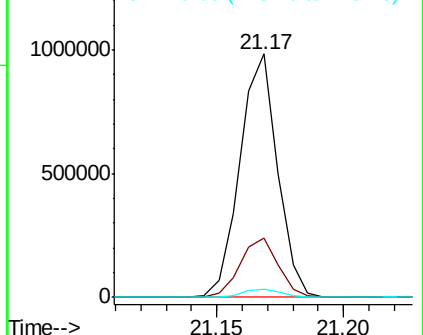
279 3.5 2.6 3.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Indeno(1,2,3-cd)pyrene

Concen: 53.120 ng/ul

RT: 25.68 min Scan# 3875

Delta R.T. 0.02 min

Lab File: BM029464.D

Acq: 14 Apr 2021 12:34

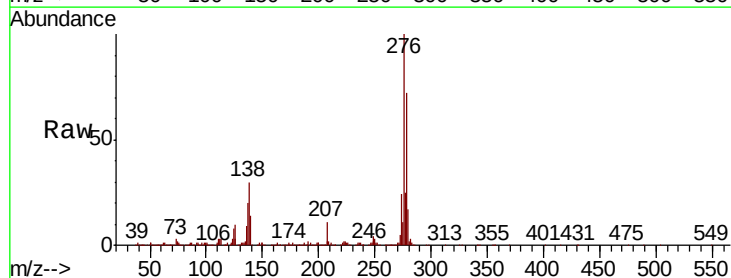
Tgt Ion:276 Resp: 1467340

Ion Ratio Lower Upper

276 100

138 29.9 24.2 36.4

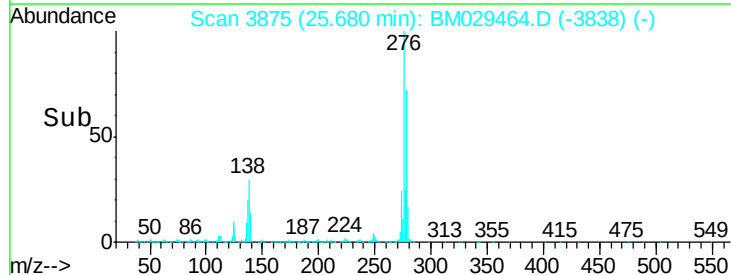
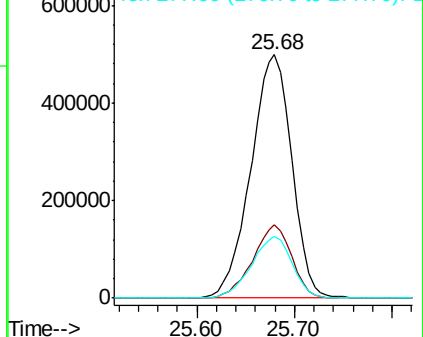
277 25.4 20.6 30.8

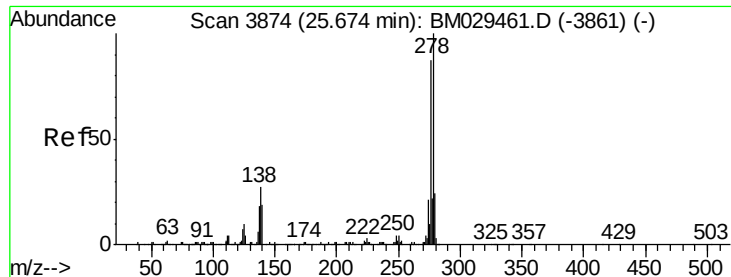


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Dibenzo(a,h)anthracene

Concen: 42.447 ng/ul

RT: 25.69 min Scan# 3876

Delta R.T. 0.01 min

Lab File: BM029464.D

Acq: 14 Apr 2021 12:34

Instrument :

BNA_M

ClientSampleId :

X3313

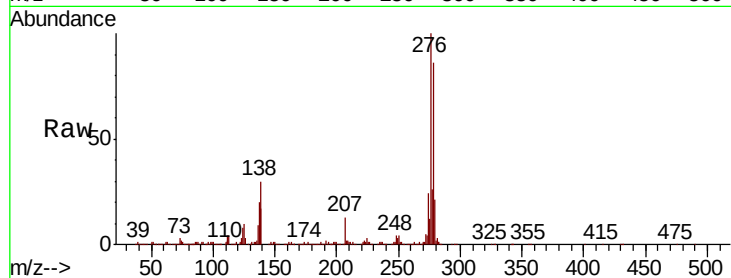
Tot Ion:278 Resp: 986606

Ion Ratio Lower Upper

278 100

139 19.7 15.2 22.8

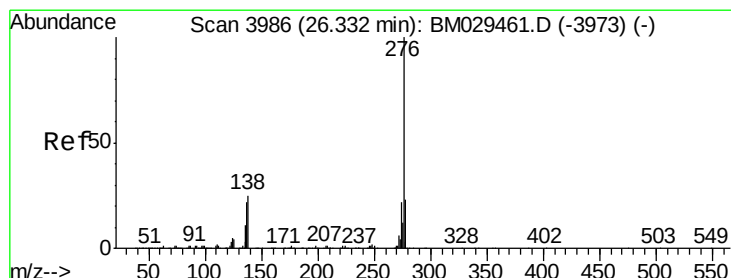
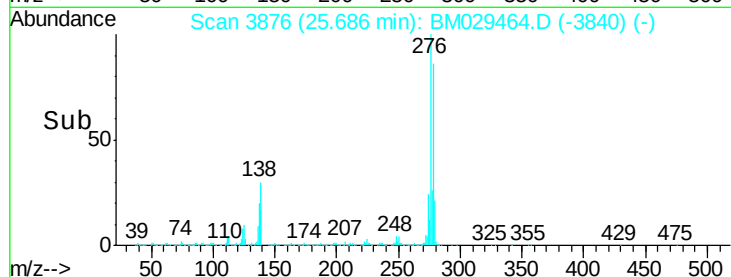
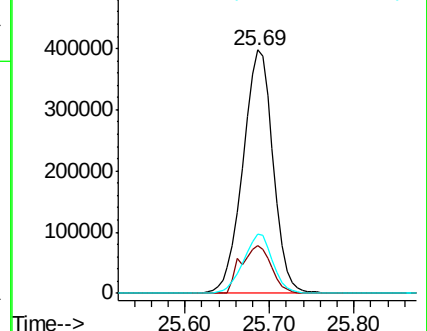
279 24.6 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#95

Benzo(g,h,i)perylene

Concen: 39.817 ng/ul

RT: 26.35 min Scan# 3989

Delta R.T. 0.02 min

Lab File: BM029464.D

Acq: 14 Apr 2021 12:34

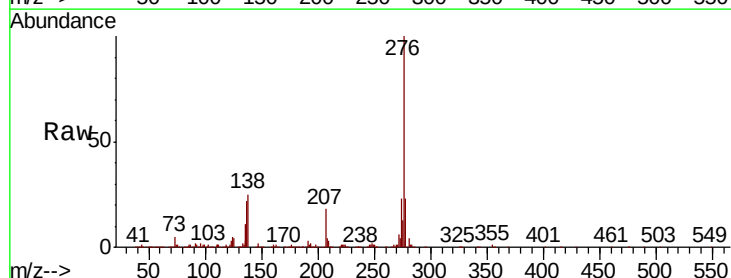
Tgt Ion:276 Resp: 889909

Ion Ratio Lower Upper

276 100

138 25.3 21.0 31.6

277 23.2 18.7 28.1



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

