

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024671.D
 Acq On : 30 Jan 2020 22:43
 Operator : CG/JU
 Sample : L1318-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 30 23:26:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	167156	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	591232	20.00	ng	-0.02
39) Acenaphthene-d10	14.08	164	382725	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	863846	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1063414	20.00	ng	-0.02
87) Perylene-d12	23.14	264	1295367	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1259701	143.32	ng	-0.01
7) Phenol-d6	6.63	99	1537189	126.95	ng	-0.02
23) Nitrobenzene-d5	8.57	82	997414	82.73	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	922665	148.21	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	2666467	94.72	ng	-0.02
79) Terphenyl-d14	19.49	244	5024928	88.22	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	118	0.034	ng	# 1
3) Pyridine	3.45	79	889	0.088	ng	# 1
4) n-Nitrosodimethylamine	3.36	42	283	0.063	ng	# 1
9) Benzaldehyde	6.63	77	3936	0.550	ng	# 4
10) Phenol	6.66	94	16772	1.390	ng	94
22) Acetophenone	8.25	105	117	0.008	ng	# 57
24) Nitrobenzene	8.56	77	4191	0.363	ng	# 37
25) Isophorone	9.15	82	337	0.016	ng	# 64
31) Naphthalene	10.24	128	130	0.004	ng	# 69
46) 1,1'-Biphenyl	12.90	154	5655	0.195	ng	92
50) Dimethylphthalate	13.55	163	125405	4.052	ng	99
52) Acenaphthene	14.08	154	1001	0.046	ng	# 5
58) Fluorene	15.13	166	107	0.004	ng	# 10
63) Azobenzene	15.42	77	124	0.005	ng	# 49
71) Phenanthrene	16.87	178	612	0.013	ng	# 61
73) Carbazole	17.24	167	410	0.010	ng	# 60
74) Di-n-butylphthalate	17.84	149	1266	0.024	ng	# 78
75) Fluoranthene	18.90	202	2179	0.037	ng	65
77) Benzidine	19.10	184	1654	0.067	ng	# 28
78) Pvrene	19.26	202	1975	0.028	ng	# 61
80) Butylbenzylphthalate	20.20	149	732	0.025	ng	# 83
81) Benzo(a)anthracene	21.04	228	5851	0.079	ng	# 83
82) 3,3'-Dichlorobenzidine	20.97	252	2276	0.086	ng	# 72
83) Chrysene	21.07	228	3104	0.044	ng	92
84) Bis(2-ethylhexyl)phthalate	21.00	149	5395	0.124	ng	# 82
85) Di-n-octyl phthalate	21.85	149	655	0.009	ng	# 1
86) Indeno(1,2,3-cd)pyrene	25.21	276	869	0.011	ng	# 40
88) Benzo(b)fluoranthene	22.53	252	2020	0.024	ng	# 1
89) Benzo(k)fluoranthene	22.57	252	1906	0.023	ng	# 1
90) Benzo(a)pyrene	23.06	252	1281	0.017	ng	# 1
91) Dibenzo(a,h)anthracene	25.22	278	1114	0.015	ng	# 1
92) Benzo(a,h,i)perylene	25.84	276	295	0.004	ng	# 1

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QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

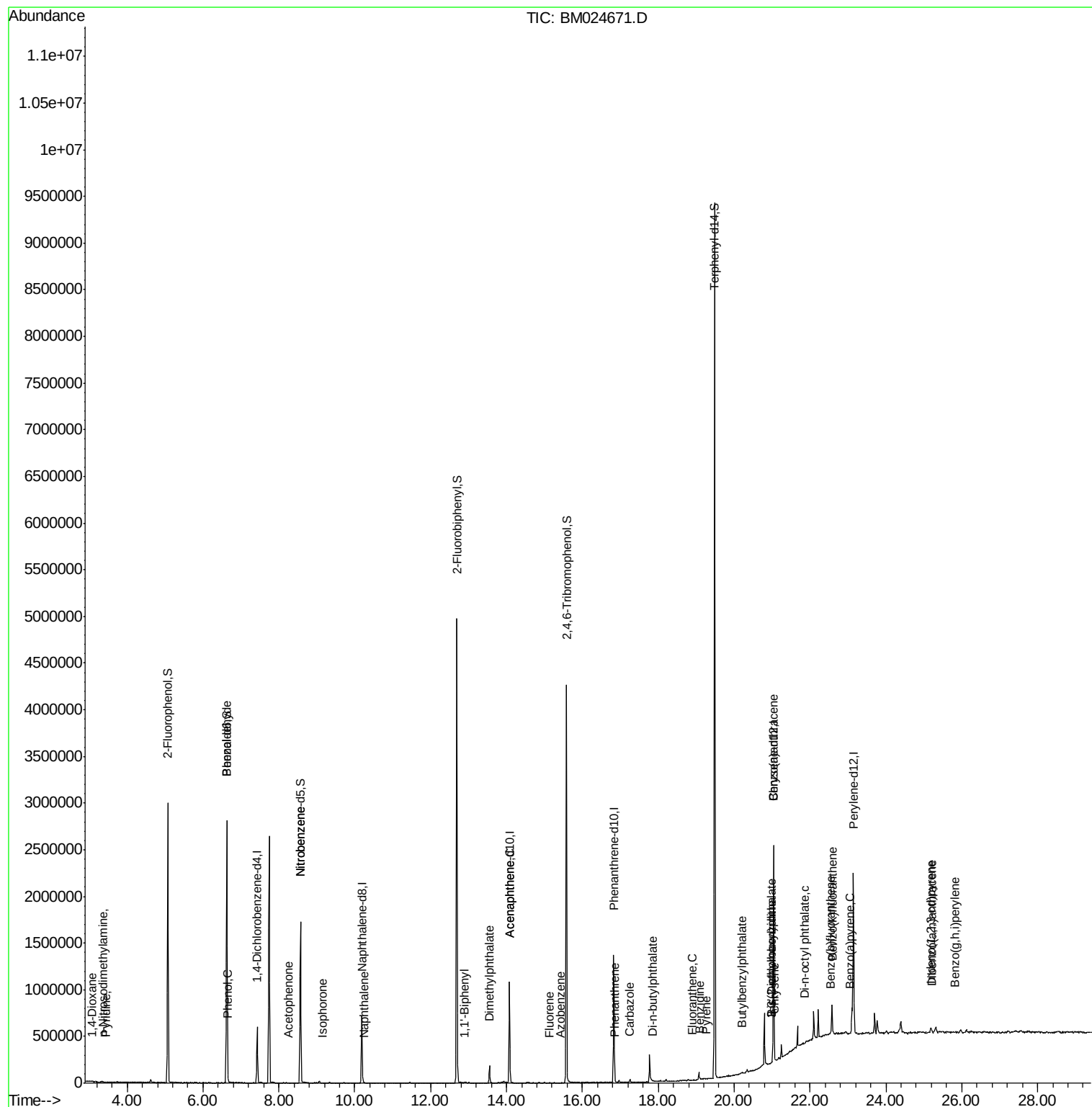
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

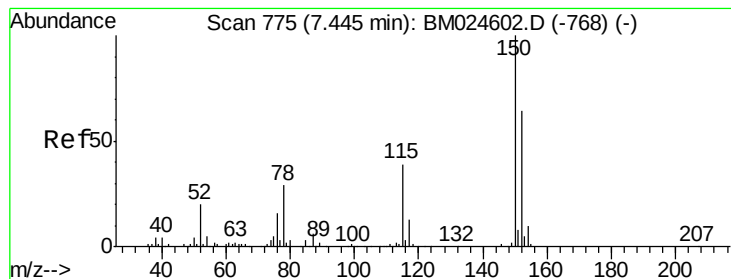
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.43 min Scan# 772

Delta R.T. -0.02 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Instrument :

BNA_M

ClientSampleId :

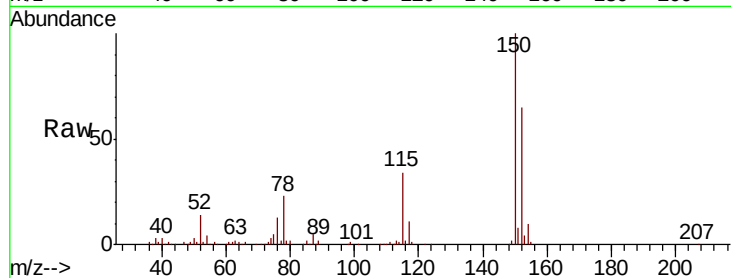
Tot Ion:152 Resp: 167156

Ion Ratio Lower Upper

152 100

150 154.8 124.2 186.4

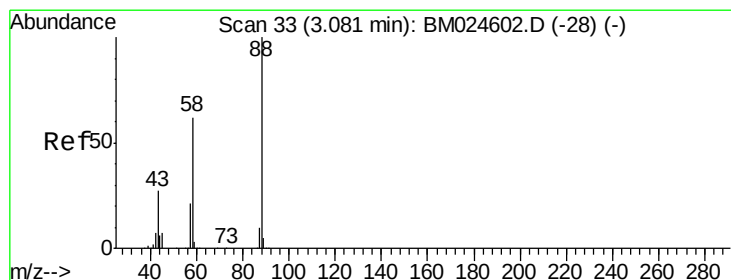
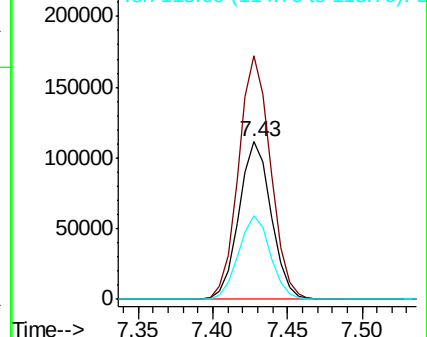
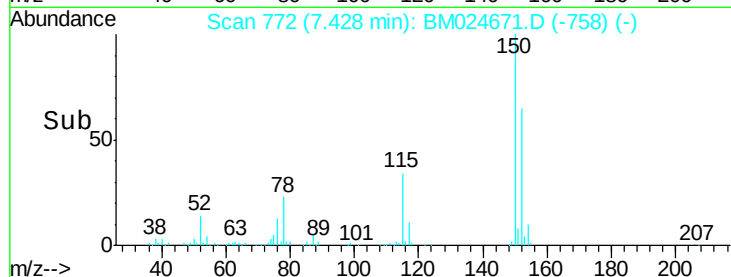
115 52.8 48.6 72.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.034 ng

RT: 3.07 min Scan# 31

Delta R.T. -0.01 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

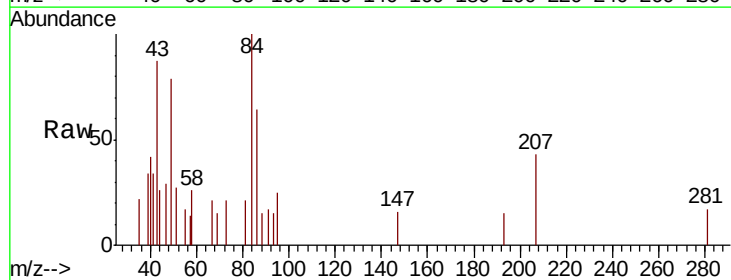
Tgt Ion: 88 Resp: 118

Ion Ratio Lower Upper

88 100

58 811.9 50.0 75.0#

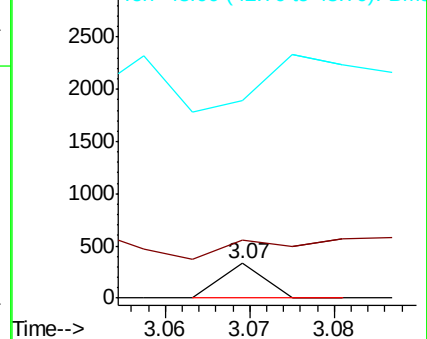
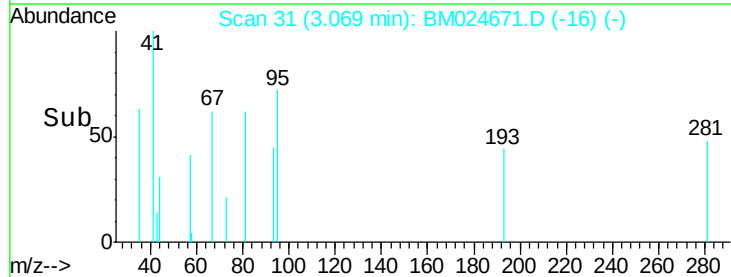
43 1527.1 21.6 32.4#

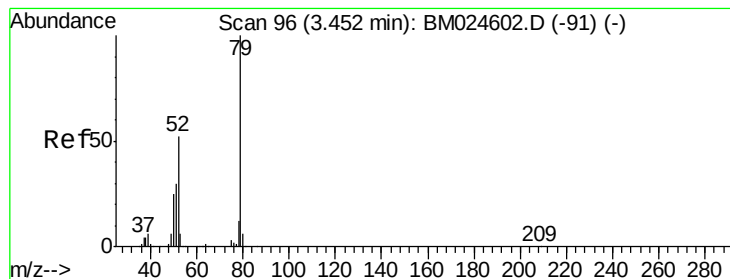


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 0.088 ng

RT: 3.45 min Scan# 96

Delta R.T. -0.00 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Instrument :

BNA_M

ClientSampled :

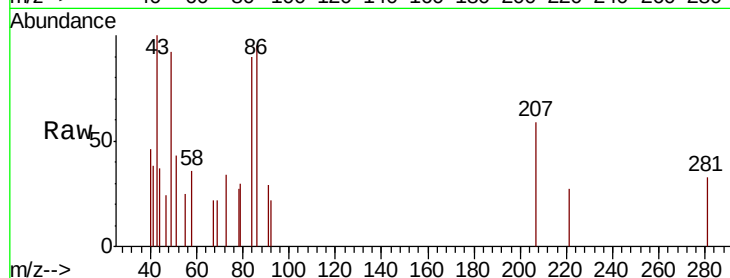
Tot Ion: 79 Resp: 889

Ion Ratio Lower Upper

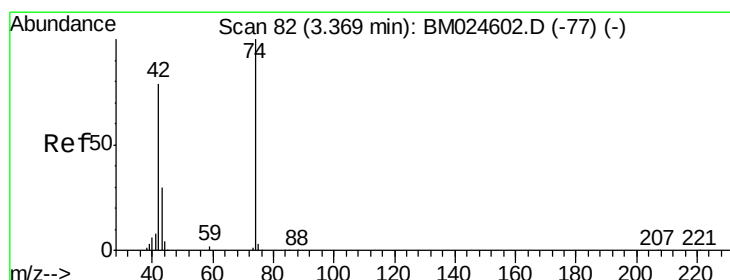
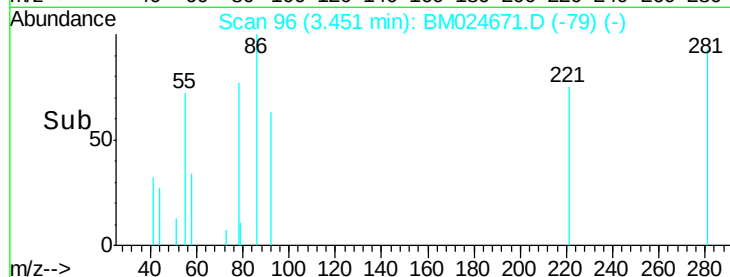
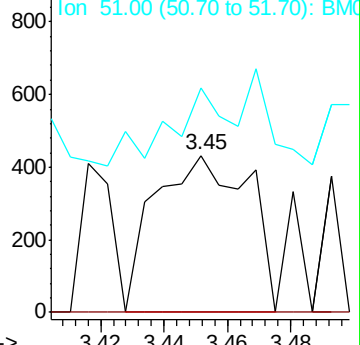
79 100

52 0.0 41.4 62.2#

51 142.5 23.8 35.8#



Abundance Ion 79.00 (78.70 to 79.70): BM024671.D (-79) (-)



#4

n-Nitrosodimethylamine

Concen: 0.063 ng

RT: 3.36 min Scan# 80

Delta R.T. -0.01 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

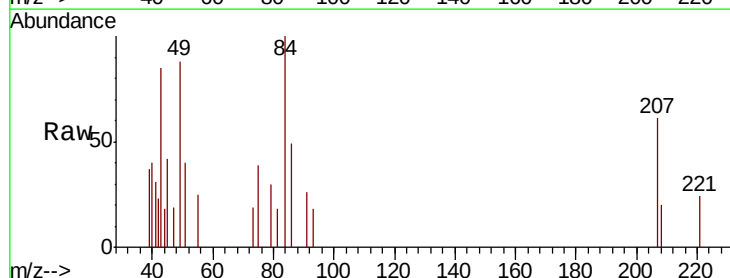
Tgt Ion: 42 Resp: 283

Ion Ratio Lower Upper

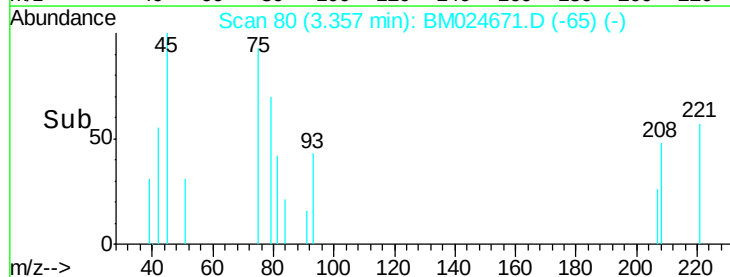
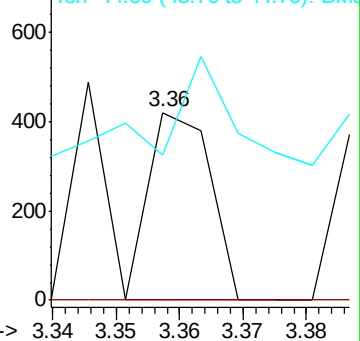
42 100

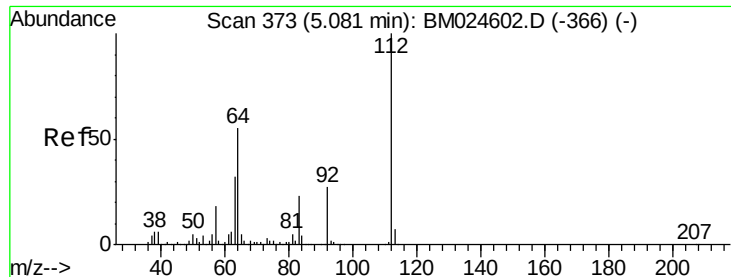
74 0.0 101.4 152.2#

44 77.4 4.6 6.8#



Abundance Ion 42.00 (41.70 to 42.70): BM024671.D (-65) (-)





#5

2-Fluorophenol

Concen: 143.318 ng

RT: 5.07 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Instrument :

BNA_M

ClientSampleId :

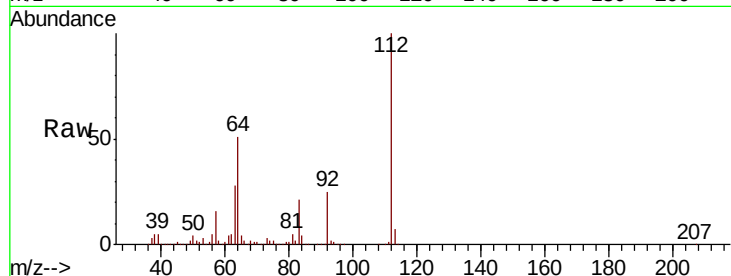
Tot Ion:112 Resp: 1259701

Ion Ratio Lower Upper

112 100

64 50.9 44.2 66.4

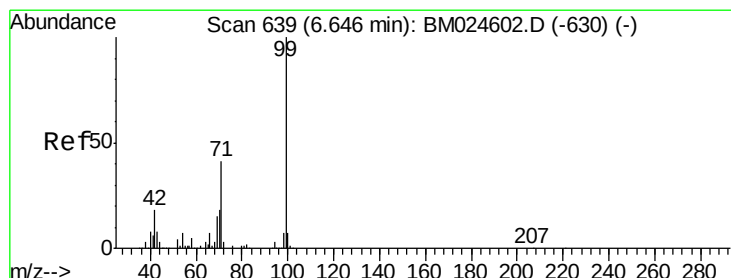
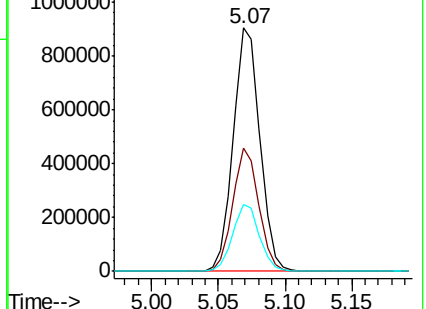
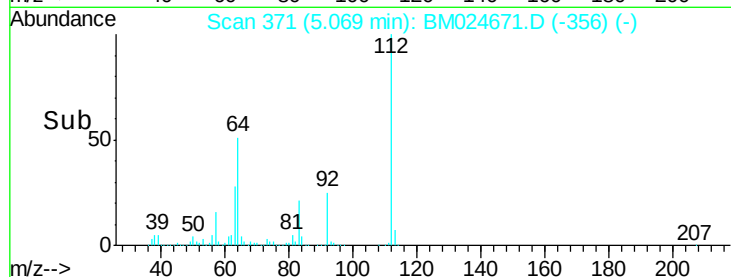
63 27.7 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 126.954 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

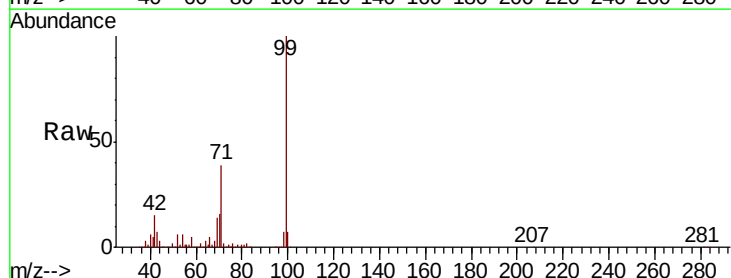
Tgt Ion: 99 Resp: 1537189

Ion Ratio Lower Upper

99 100

42 14.9 14.1 21.1

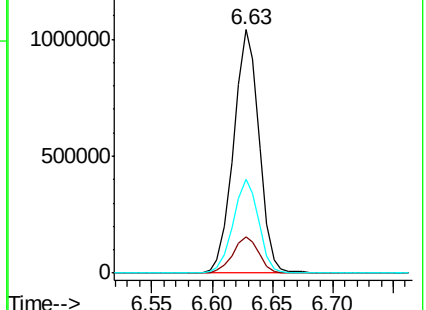
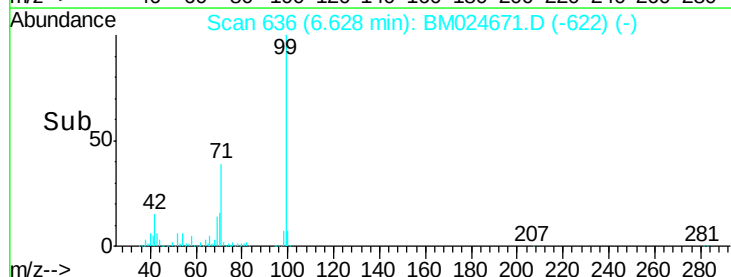
71 38.6 33.0 49.6

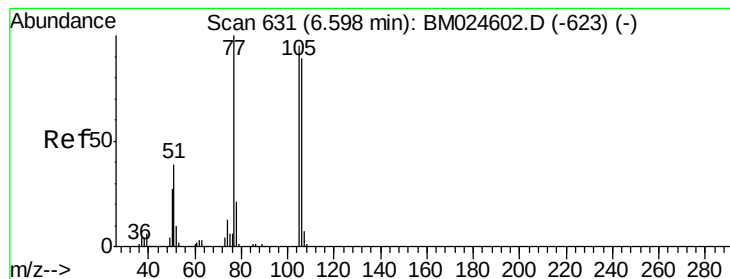


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#9

Benzaldehyde

Concen: 0.550 ng

RT: 6.63 min Scan# 637

Delta R.T. 0.04 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Instrument :

BNA_M

ClientSampled :

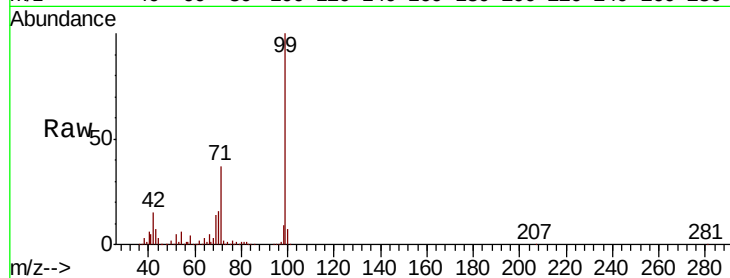
Tot Ion: 77 Resp: 3936

Ion Ratio Lower Upper

77 100

105 0.0 75.2 115.2#

106 0.0 68.6 108.6#

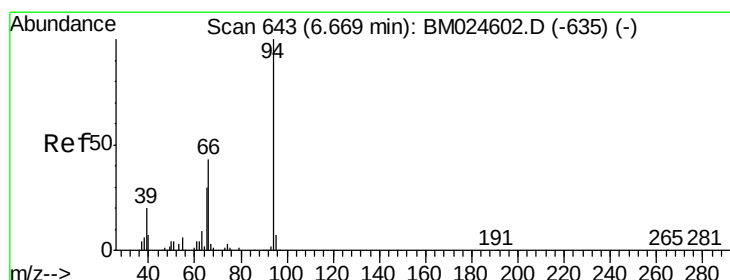
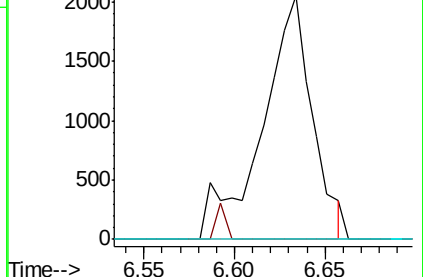
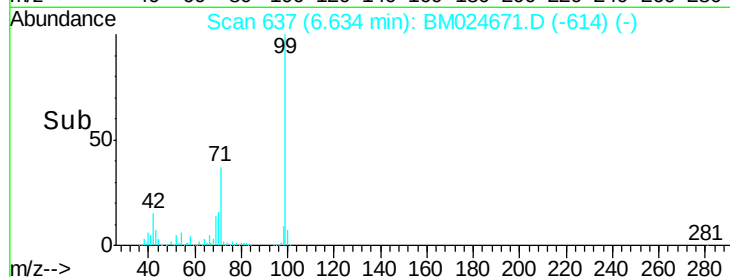


Abundance Ion 77.00 (76.70 to 77.70): BM024671.D (-614) (-)

Ion 105.00 (104.70 to 105.70): BM024671.D (-614) (-)

Ion 106.00 (105.70 to 106.70): BM024671.D (-614) (-)

Time-->



#10

Phenol

Concen: 1.390 ng

RT: 6.66 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

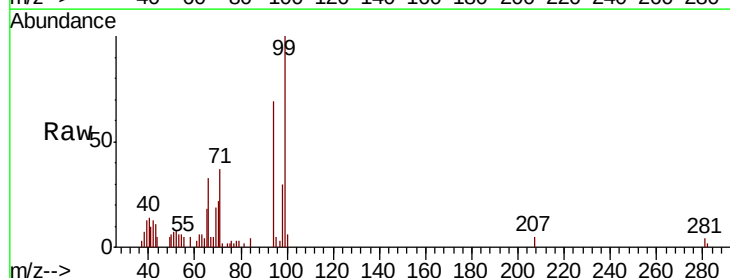
Tgt Ion: 94 Resp: 16772

Ion Ratio Lower Upper

94 100

65 26.2 10.3 50.3

66 48.3 24.8 64.8

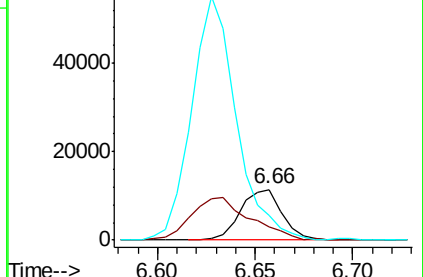
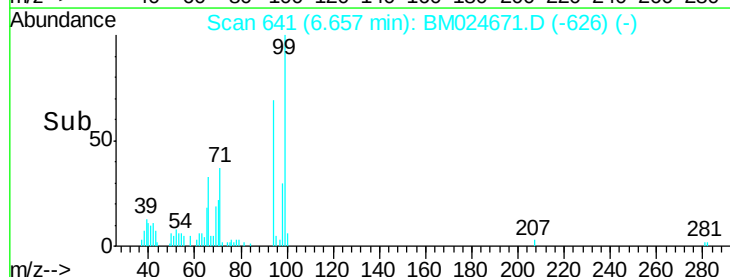


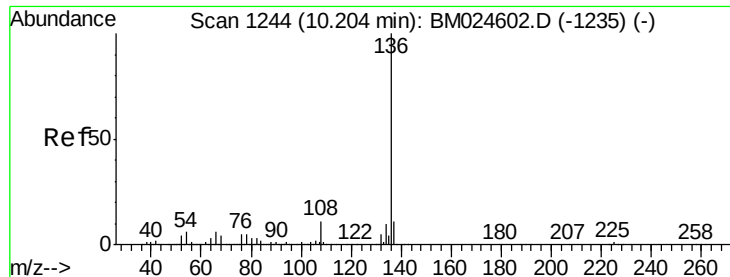
Abundance Ion 94.00 (93.70 to 94.70): BM024671.D (-626) (-)

Ion 65.00 (64.70 to 65.70): BM024671.D (-626) (-)

Ion 66.00 (65.70 to 66.70): BM024671.D (-626) (-)

Time-->

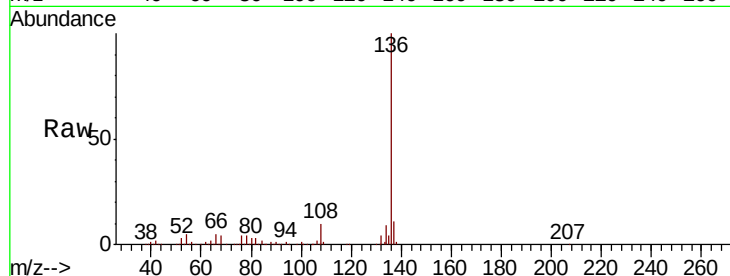




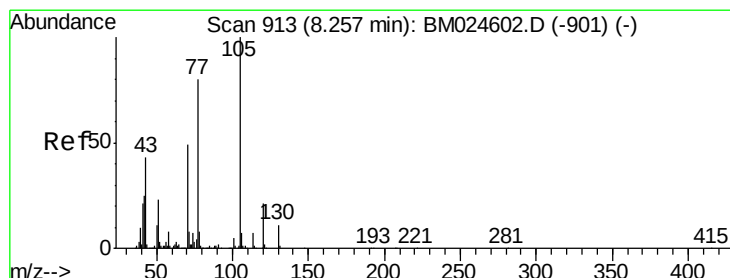
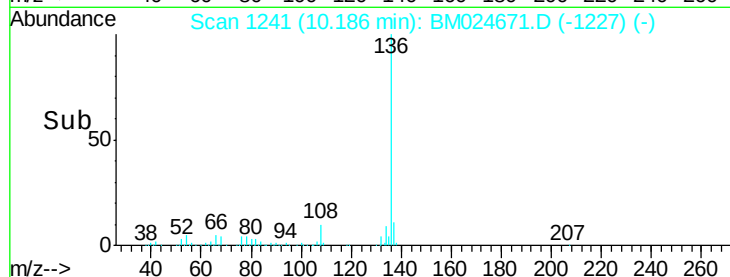
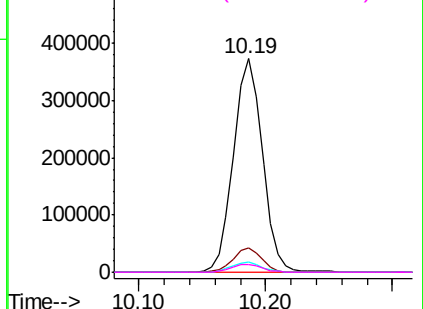
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.19 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BM024671.D
Acq: 30 Jan 2020 22:43

Instrument :
BNA_M
ClientSampled :

Tot Ion:136	Resp:	591232
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.6 13.0
54	4.7	4.5 6.7
68	3.7	3.4 5.0

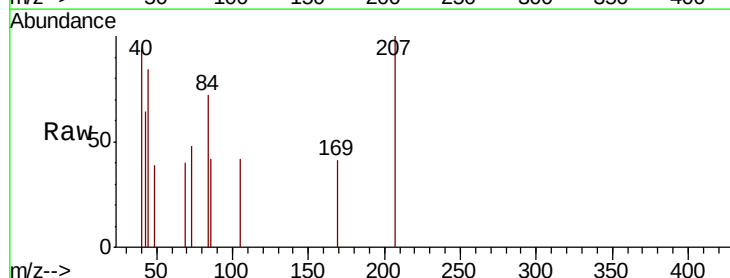


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

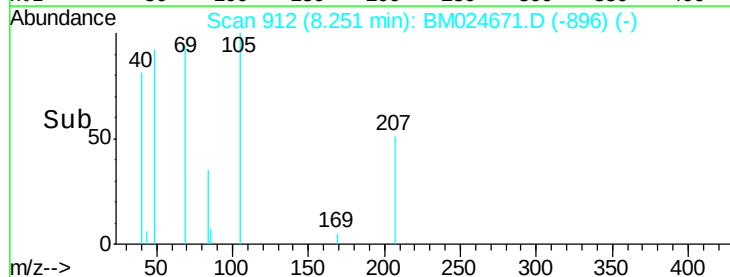
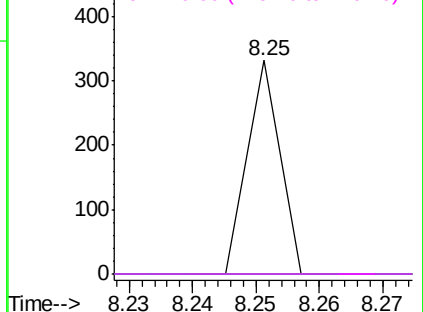


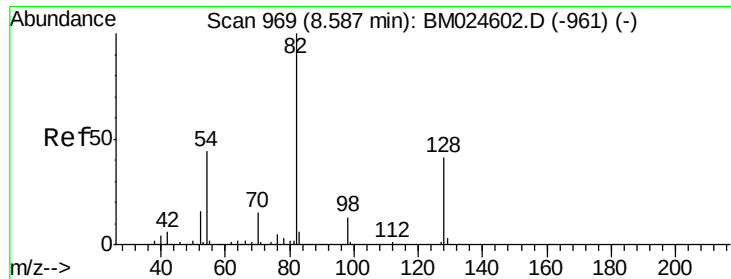
#22
Acetophenone
Concen: 0.008 ng
RT: 8.25 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM024671.D
Acq: 30 Jan 2020 22:43

Tgt Ion:105	Resp:	117
Ion Ratio	Lower	Upper
105	100	
71	0.0	6.7 10.1#
51	0.0	18.5 27.7#
120	0.0	16.6 25.0#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

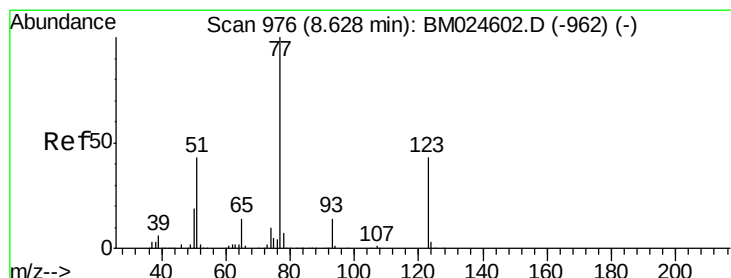
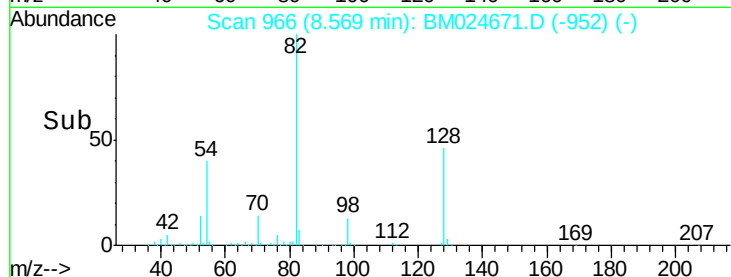
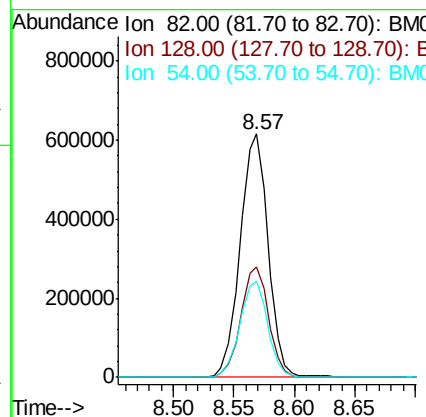
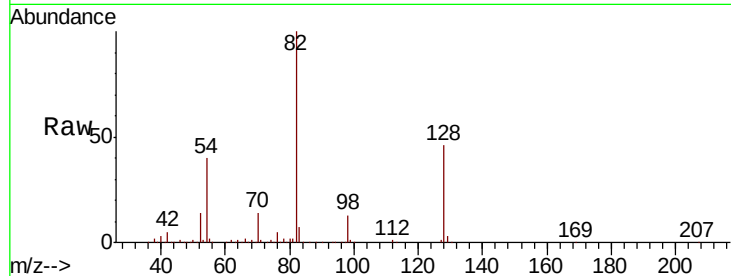




#23
Nitrobenzene-d5
Concen: 82.733 ng
RT: 8.57 min Scan# 966
Delta R.T. -0.02 min
Lab File: BM024671.D
Acq: 30 Jan 2020 22:43

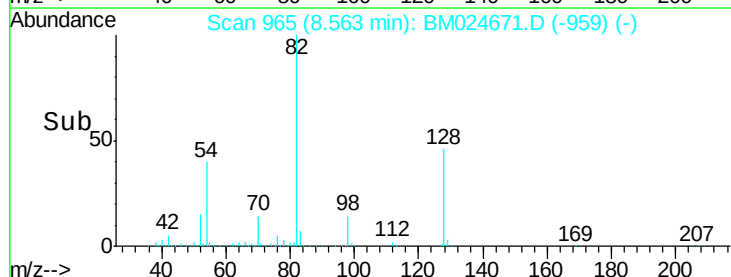
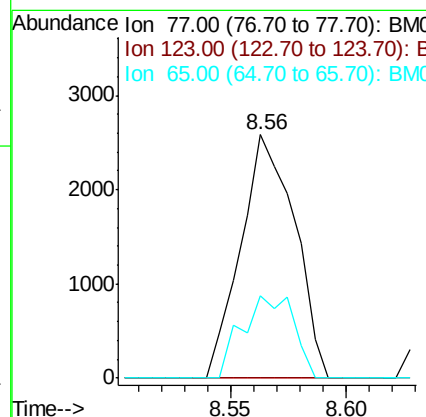
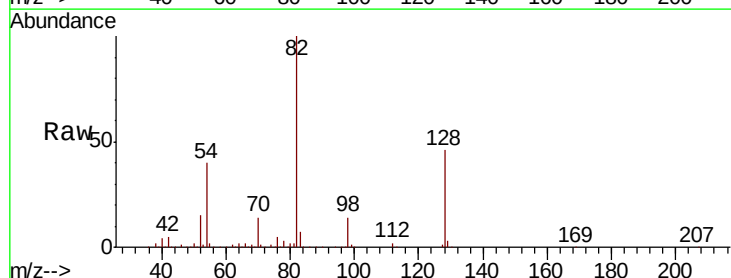
Instrument :
BNA_M
ClientSampleId :

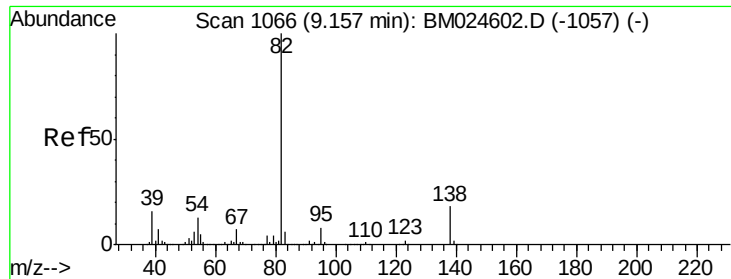
Tot Ion	82	Resp	997414
Ion Ratio	100	Lower	Upper
128	45.6	32.6	48.8
54	39.7	34.8	52.2



#24
Nitrobenzene
Concen: 0.363 ng
RT: 8.56 min Scan# 965
Delta R.T. -0.06 min
Lab File: BM024671.D
Acq: 30 Jan 2020 22:43

Tgt Ion	77	Resp	4191
Ion Ratio	100	Lower	Upper
123	0.0	34.6	52.0#
65	33.9	11.0	16.4#





#25

Isophorone

Concen: 0.016 ng

RT: 9.15 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Instrument :

BNA_M

ClientSampleId :

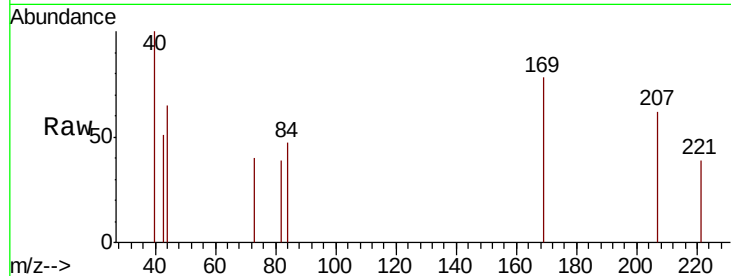
Tot Ion: 82 Resp: 337

Ion Ratio Lower Upper

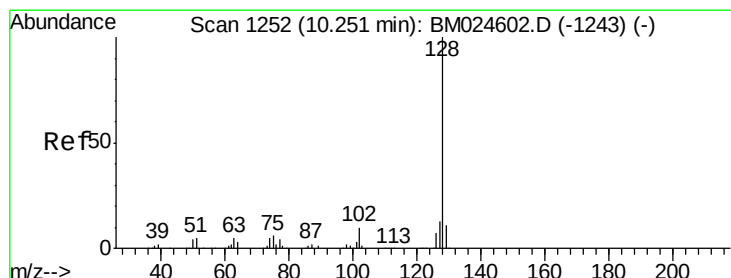
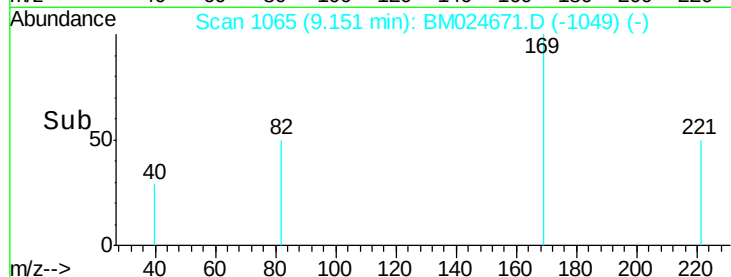
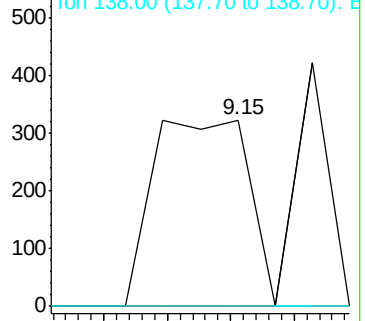
82 100

95 0.0 6.7 10.1#

138 0.0 14.7 22.1#



Abundance Ion 82.00 (81.70 to 82.70): BM024671.D (-1049) (-)



#31

Naphthalene

Concen: 0.004 ng

RT: 10.24 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

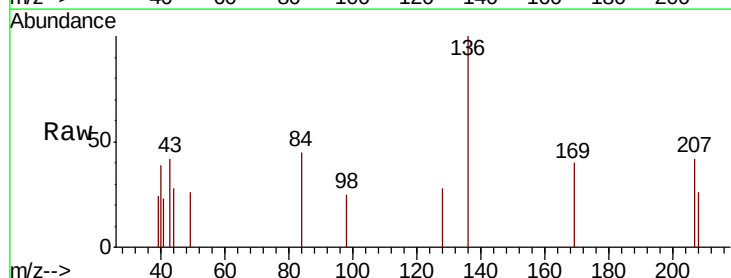
Tgt Ion: 128 Resp: 130

Ion Ratio Lower Upper

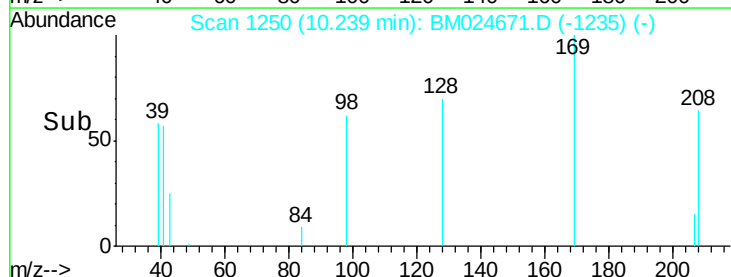
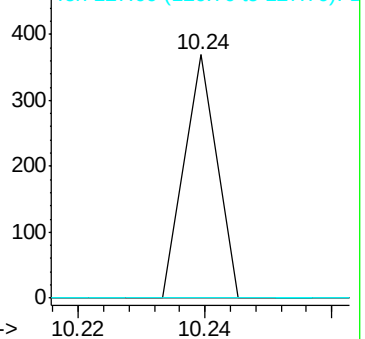
128 100

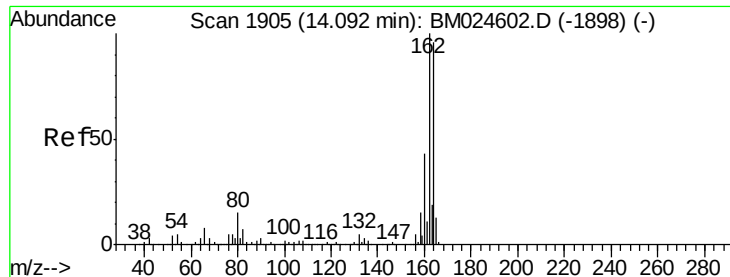
129 0.0 8.8 13.2#

127 0.0 10.6 15.8#



Abundance Ion 128.00 (127.70 to 128.70): BM024671.D (-1235) (-)





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.08 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Instrument :

BNA_M

ClientSampleId :

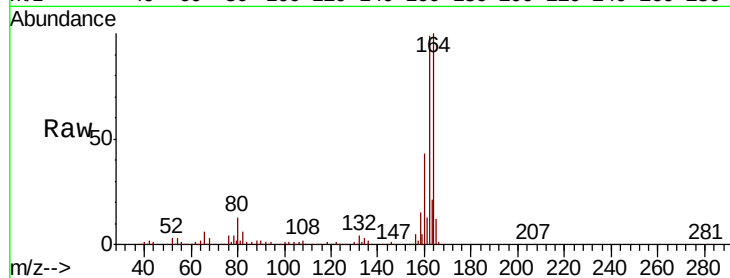
Tot Ion:164 Resp: 382725

Ion Ratio Lower Upper

164 100

162 98.6 82.9 124.3

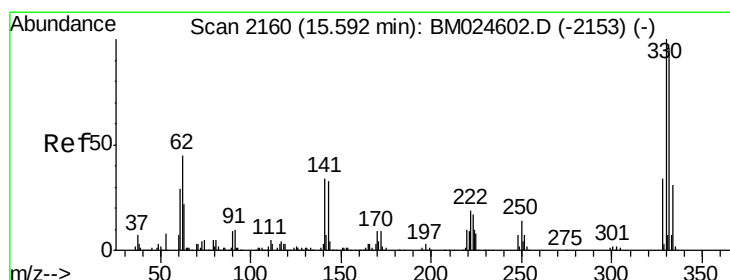
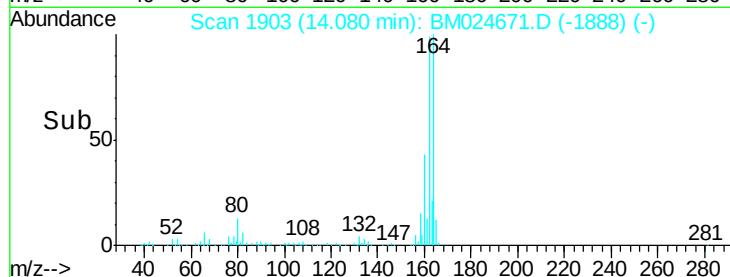
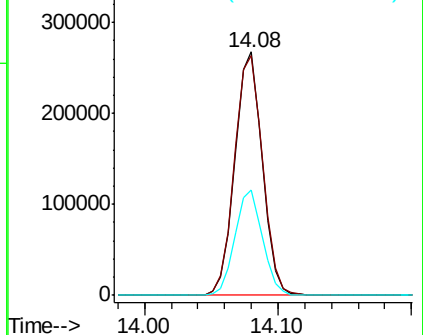
160 43.3 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 148.205 ng

RT: 15.58 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

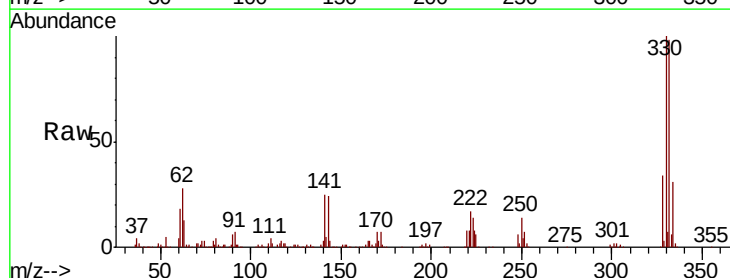
Tgt Ion:330 Resp: 922665

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

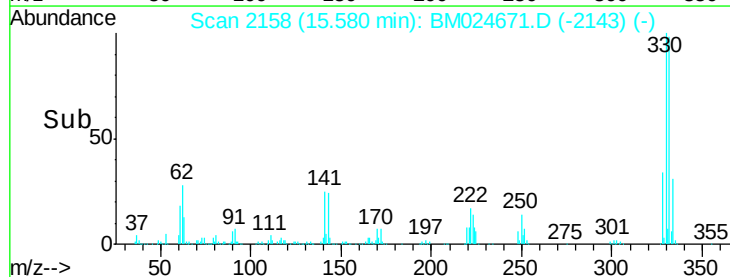
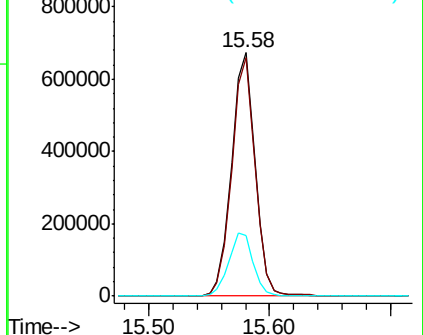
141 26.8 26.9 40.3#

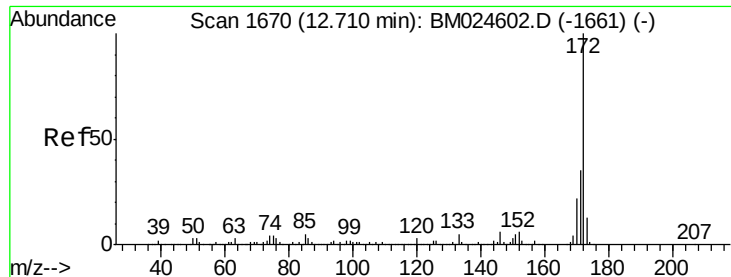


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

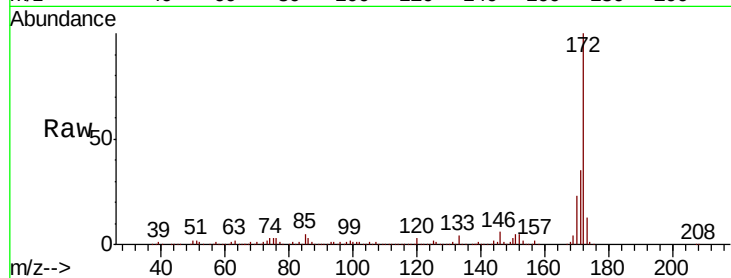




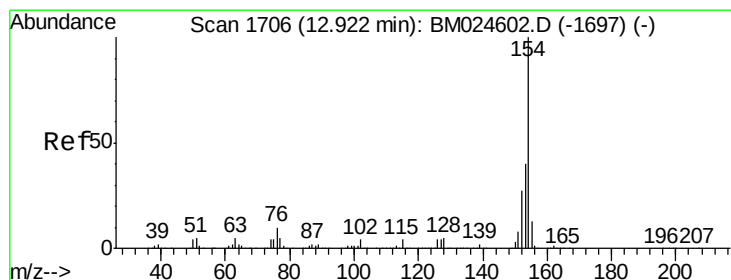
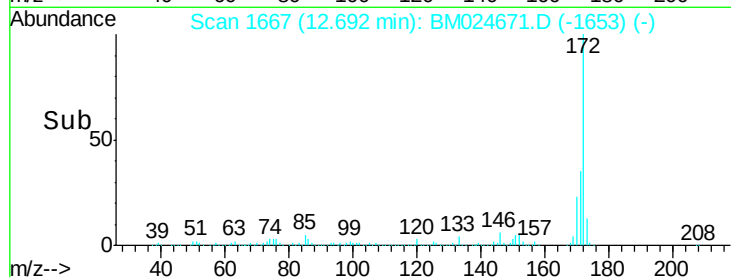
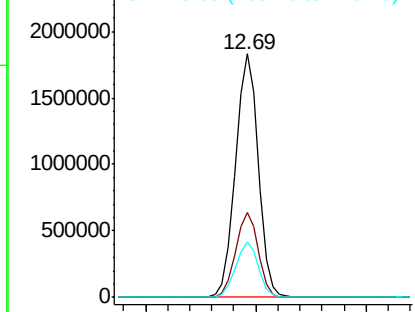
#45
2-Fluorobiphenyl
Concen: 94.717 ng
RT: 12.69 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BM024671.D
Acq: 30 Jan 2020 22:43

Instrument :
BNA_M
ClientSampled :

Tot Ion:172 Resp: 2666467
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.7 17.9 26.9

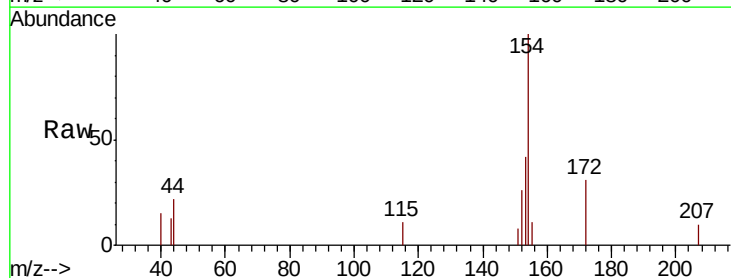


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

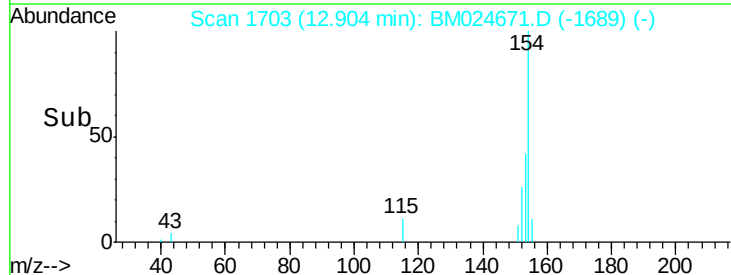
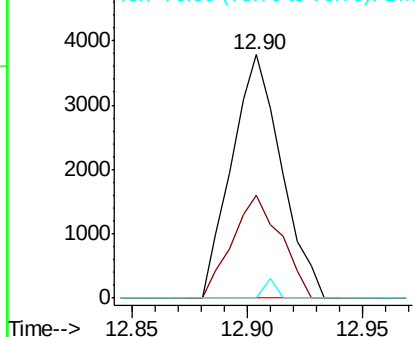


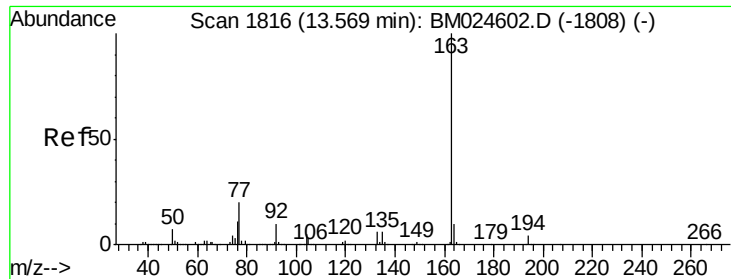
#46
1,1'-Biphenyl
Concen: 0.195 ng
RT: 12.90 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BM024671.D
Acq: 30 Jan 2020 22:43

Tgt Ion:154 Resp: 5655
Ion Ratio Lower Upper
154 100
153 42.2 20.3 60.3
76 0.0 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM0





#50

Dimethylphthalate

Concen: 4.052 ng

RT: 13.55 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Instrument :

BNA_M

ClientSampleId :

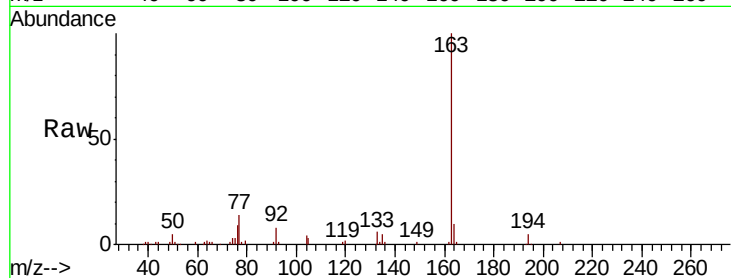
Tot Ion:163 Resp: 125405

Ion Ratio Lower Upper

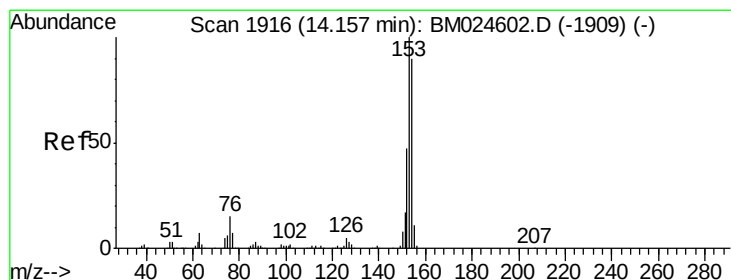
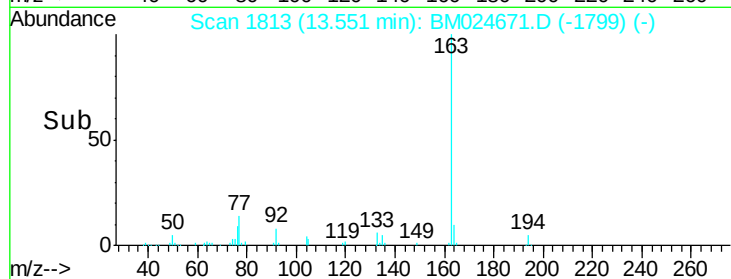
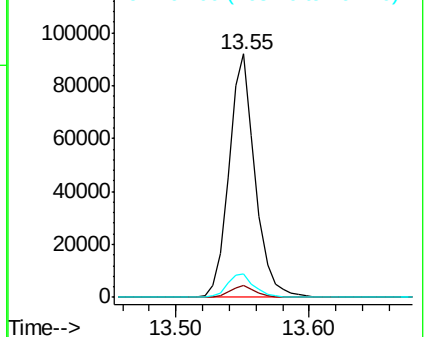
163 100

194 4.7 3.4 5.0

164 9.8 8.0 12.0



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



#52

Acenaphthene

Concen: 0.046 ng

RT: 14.08 min Scan# 1903

Delta R.T. -0.08 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

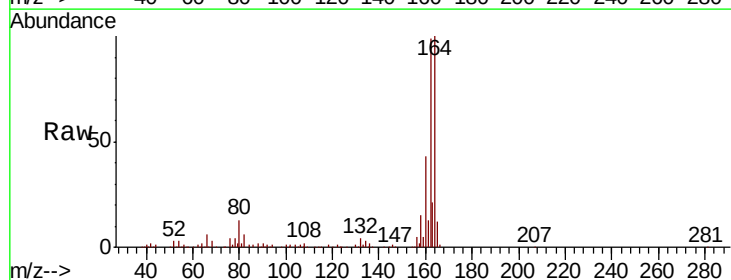
Tgt Ion:154 Resp: 1001

Ion Ratio Lower Upper

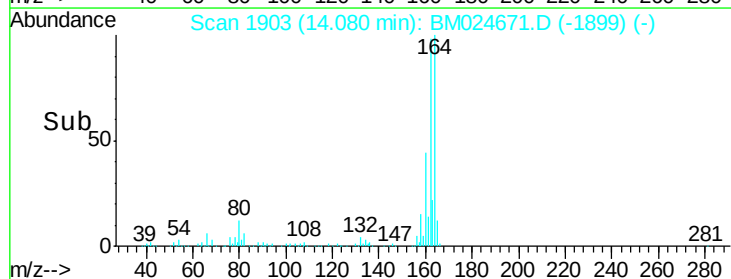
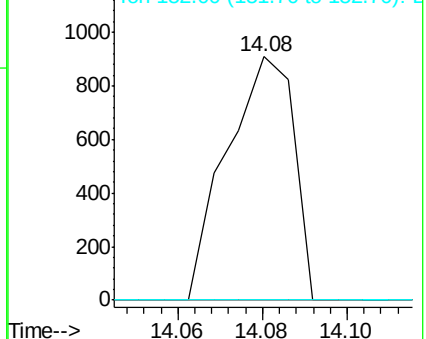
154 100

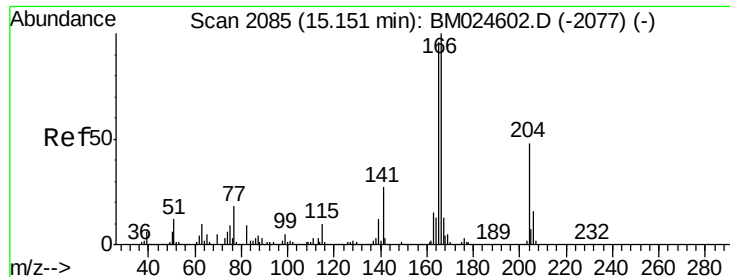
153 0.0 89.1 133.7#

152 0.0 41.9 62.9#



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





#58

Fluorene

Concen: 0.004 ng

RT: 15.13 min Scan# 2082

Delta R.T. -0.02 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Instrument :

BNA_M

ClientSampleId :

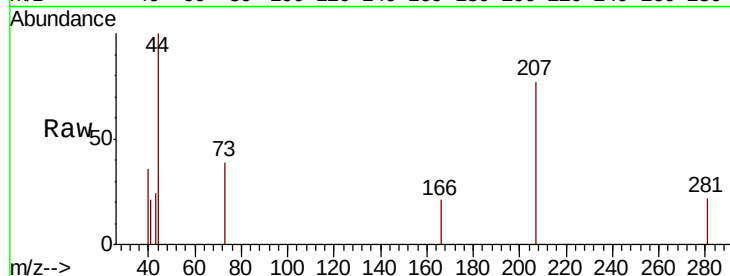
Tot Ion: 166 Resp: 107

Ion Ratio Lower Upper

166 100

165 0.0 76.6 114.8#

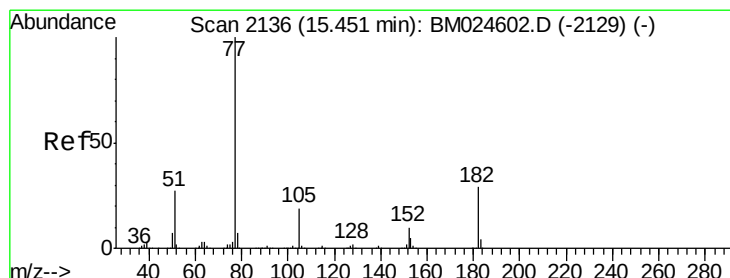
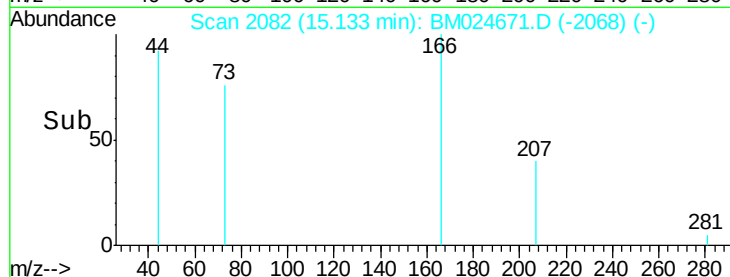
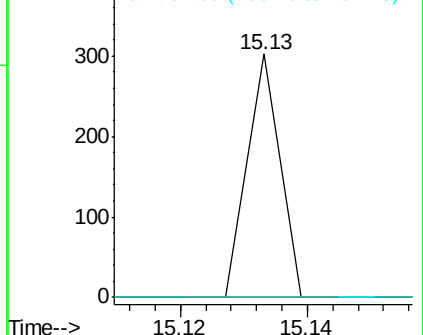
167 0.0 10.8 16.2#



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



#63

Azobenzene

Concen: 0.005 ng

RT: 15.42 min Scan# 2131

Delta R.T. -0.03 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Tgt Ion: 77 Resp: 124

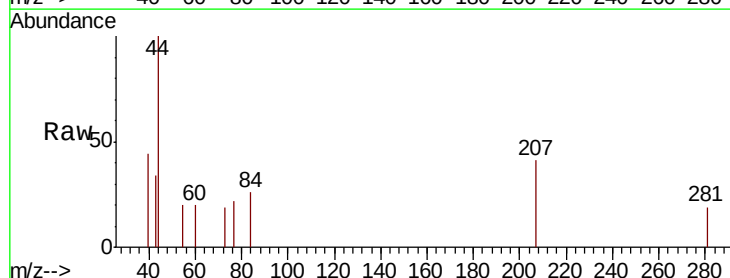
Ion Ratio Lower Upper

77 100

182 0.0 8.7 48.7#

105 0.0 0.0 39.2

51 0.0 7.5 47.5#

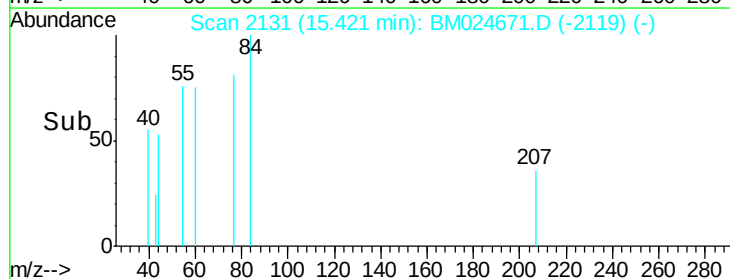
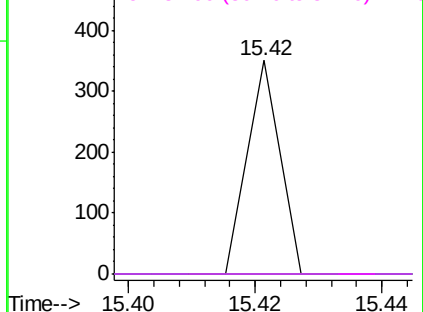


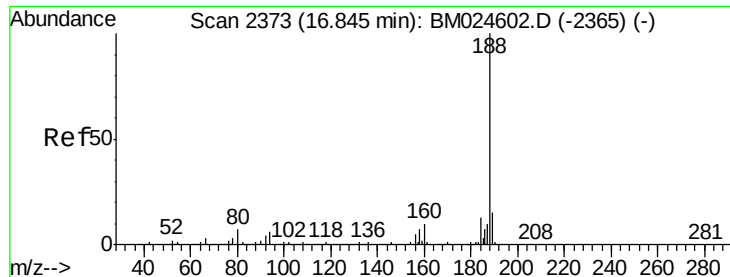
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.83 min Scan# 2370

Delta R.T. -0.02 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Instrument :

BNA_M

ClientSampleId :

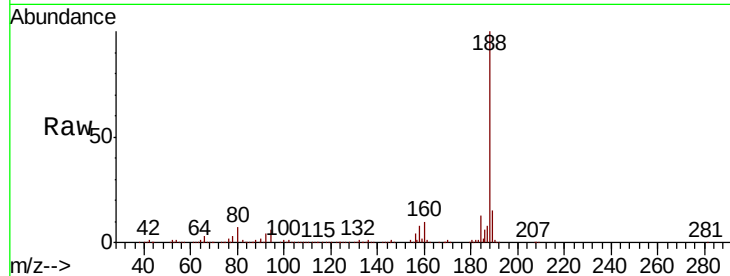
Tot Ion:188 Resp: 863846

Ion Ratio Lower Upper

188 100

94 6.1 5.0 7.6

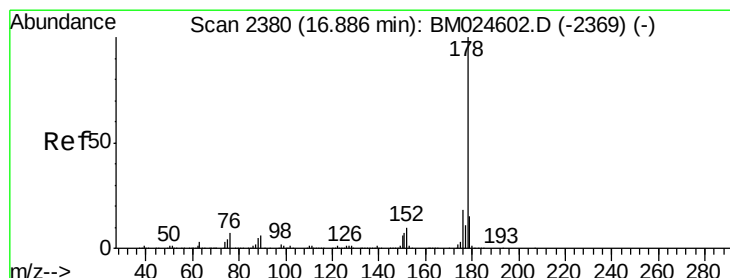
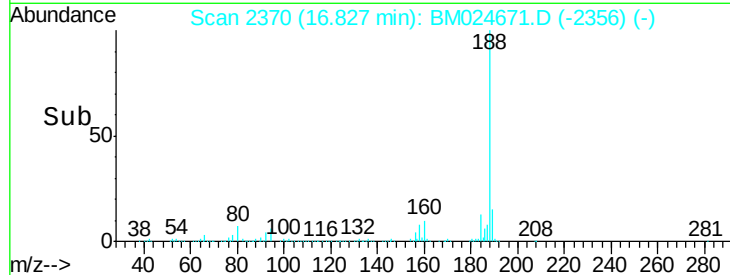
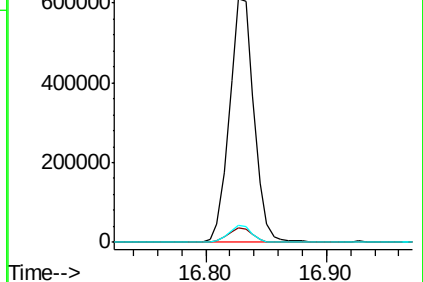
80 7.1 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#71

Phenanthrene

Concen: 0.013 ng

RT: 16.87 min Scan# 2377

Delta R.T. -0.02 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

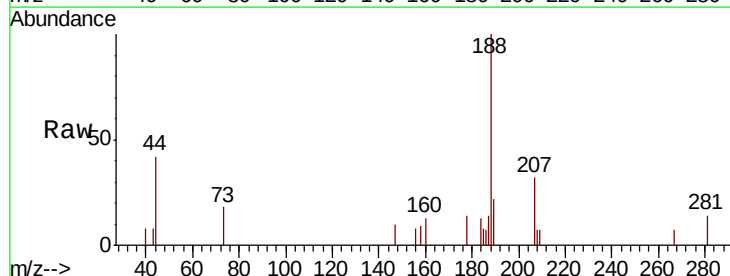
Tgt Ion:178 Resp: 612

Ion Ratio Lower Upper

178 100

176 0.0 14.5 21.7#

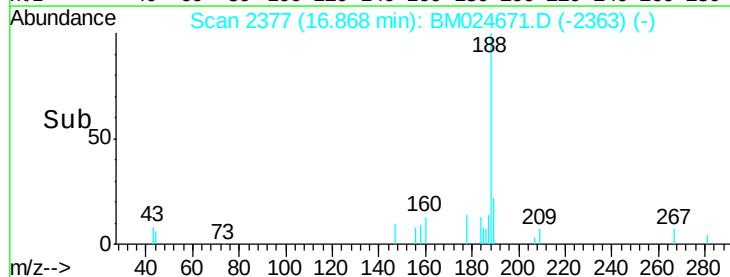
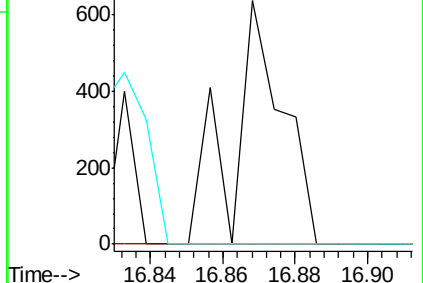
179 0.0 11.9 17.9#

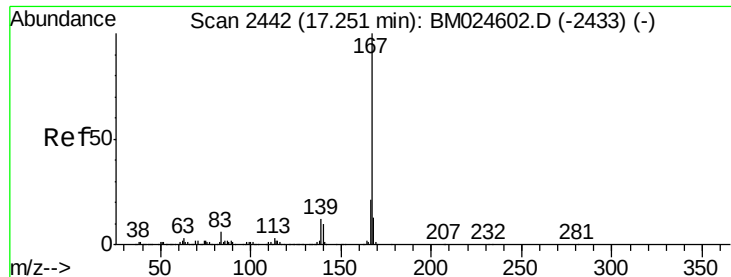


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

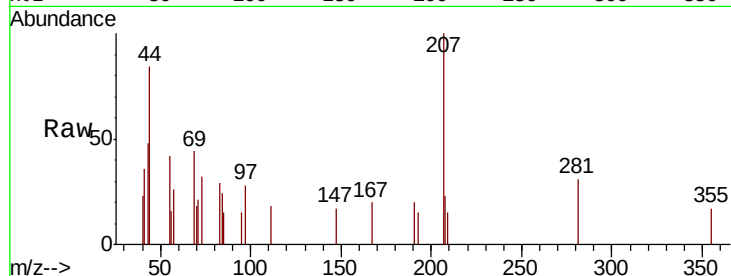




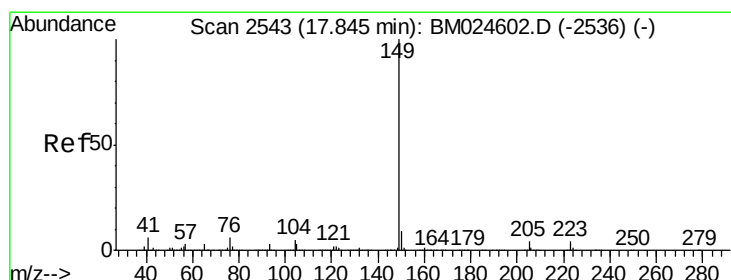
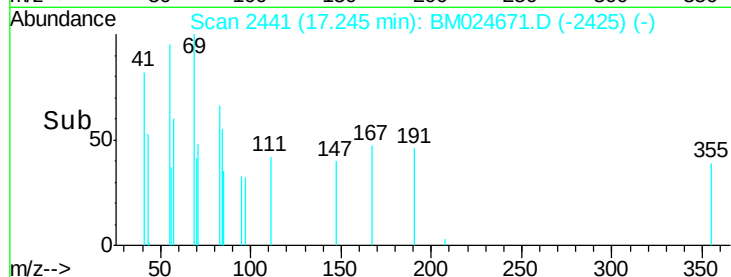
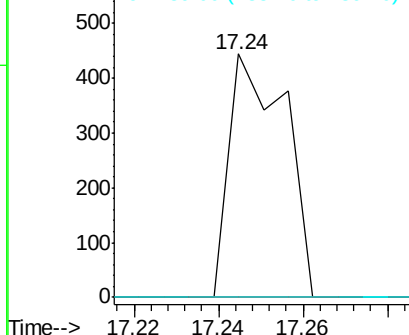
#73
 Carbazole
 Concen: 0.010 ng
 RT: 17.24 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BM024671.D
 Acq: 30 Jan 2020 22:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 410
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.1 25.7#
 139 0.0 9.8 14.8#

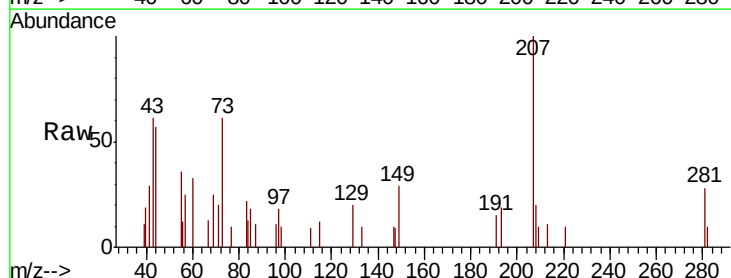


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

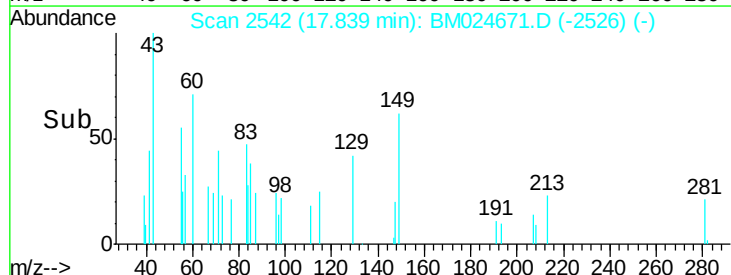
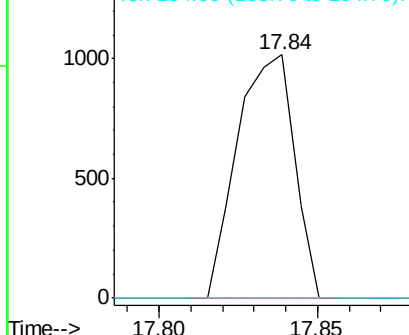


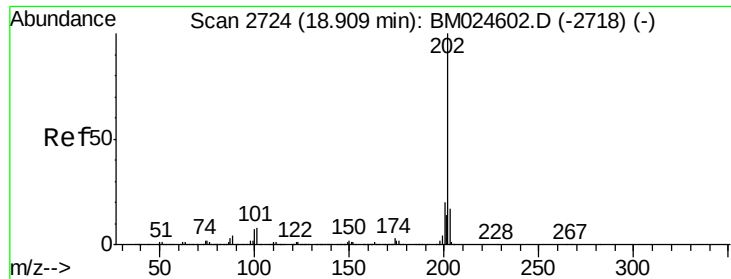
#74
 Di-n-butylphthalate
 Concen: 0.024 ng
 RT: 17.84 min Scan# 2542
 Delta R.T. -0.01 min
 Lab File: BM024671.D
 Acq: 30 Jan 2020 22:43

Tgt Ion:149 Resp: 1266
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.4 11.0#
 104 0.0 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.037 ng

RT: 18.90 min Scan# 2723

Delta R.T. -0.01 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Instrument :

BNA_M

ClientSampleId :

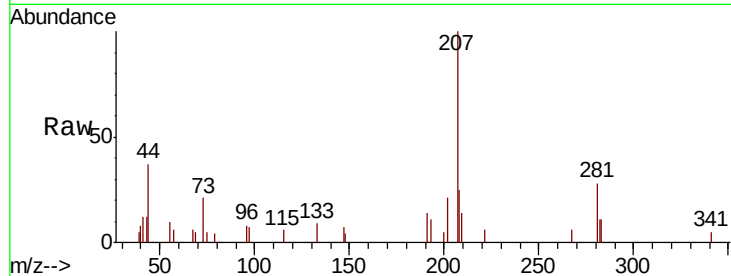
Tot Ion:202 Resp: 2179

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.4

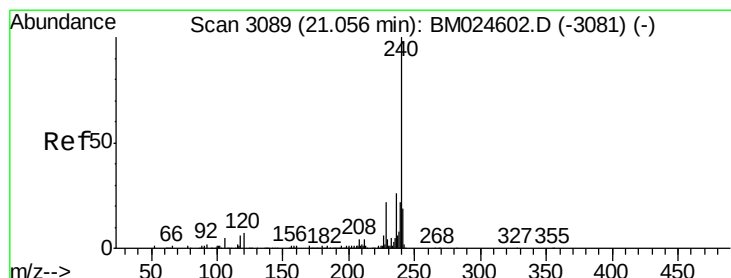
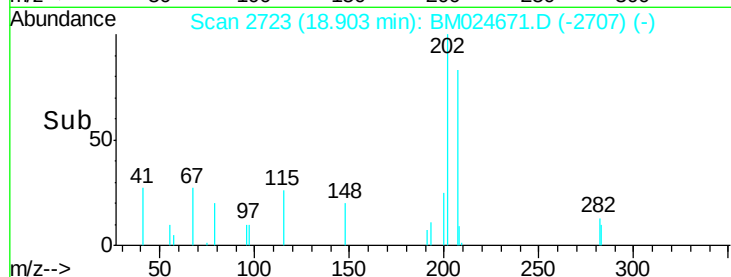
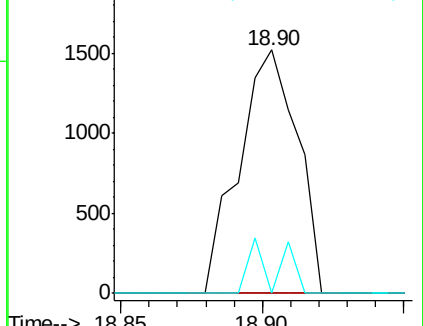
203 0.0 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.04 min Scan# 3086

Delta R.T. -0.02 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

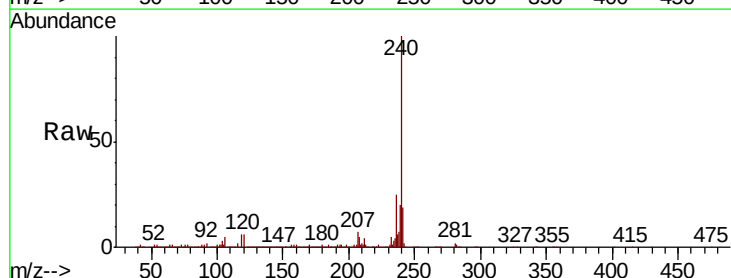
Tgt Ion:240 Resp: 1063414

Ion Ratio Lower Upper

240 100

120 6.5 5.3 7.9

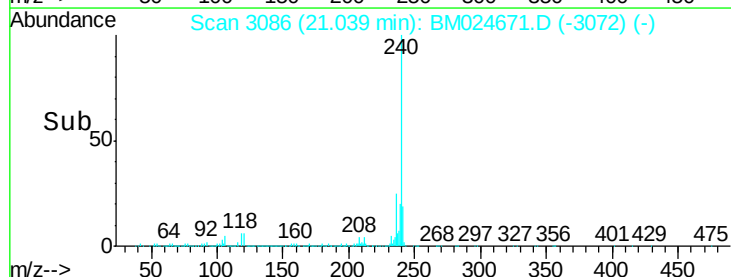
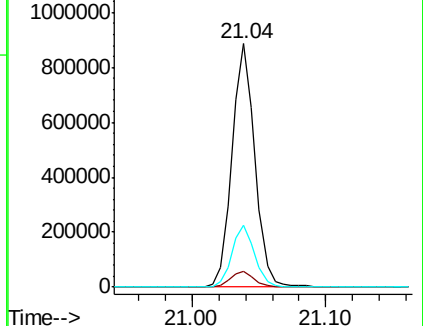
236 25.2 20.6 31.0

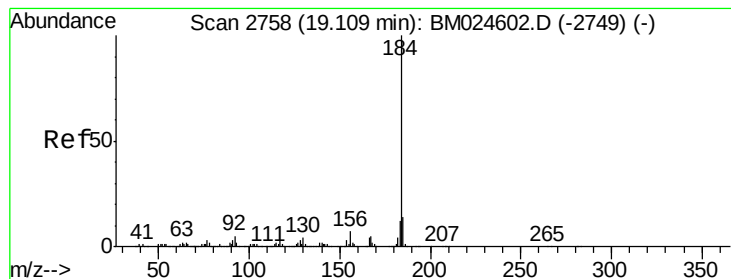


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.067 ng

RT: 19.10 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Instrument :

BNA_M

ClientSampleId :

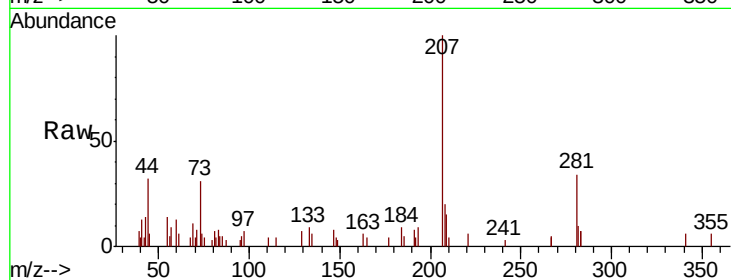
Tot Ion:184 Resp: 1654

Ion Ratio Lower Upper

184 100

185 57.8 11.3 16.9#

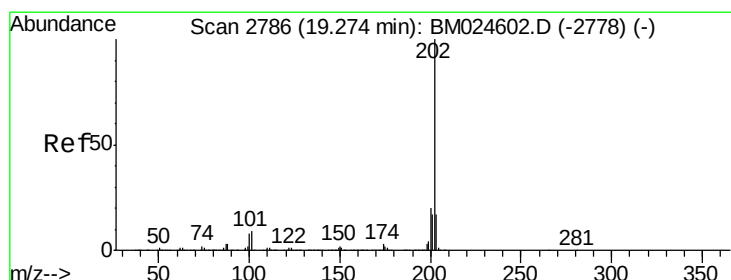
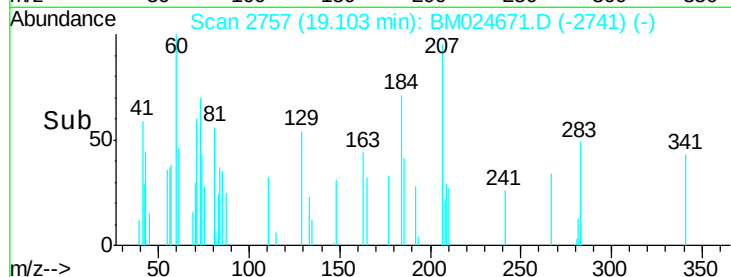
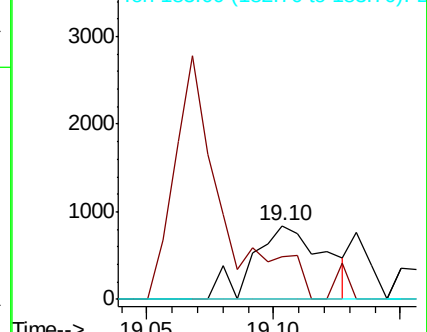
183 0.0 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.028 ng

RT: 19.26 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

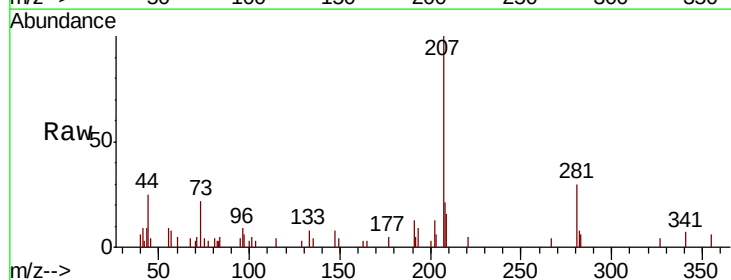
Tgt Ion:202 Resp: 1975

Ion Ratio Lower Upper

202 100

200 26.1 16.2 24.2#

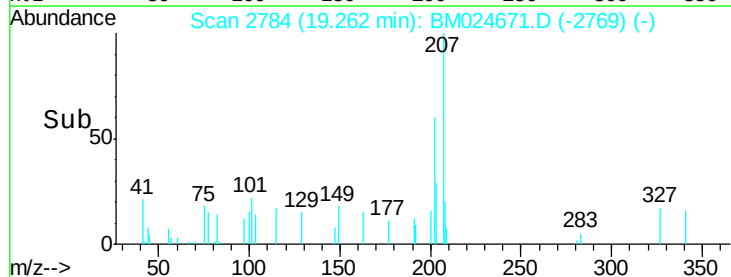
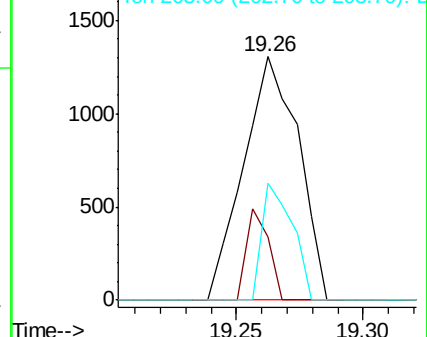
203 48.1 14.0 21.0#

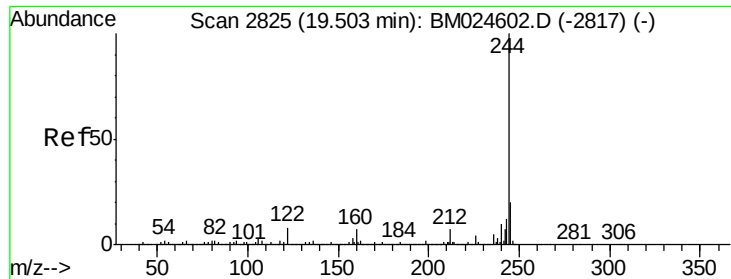


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.216 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Instrument :

BNA_M

ClientSampled :

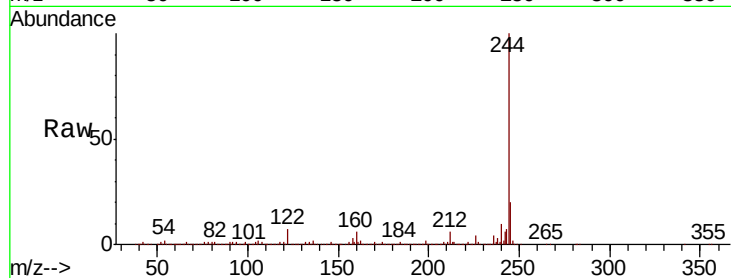
Tot Ion:244 Resp: 5024928

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

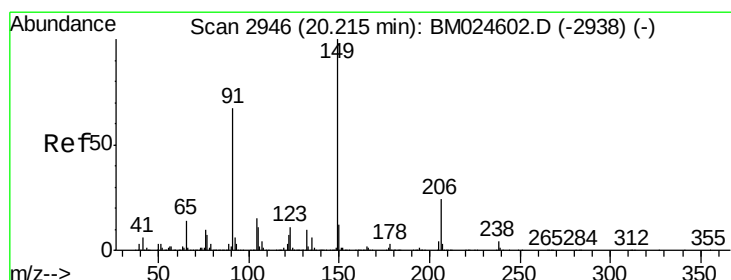
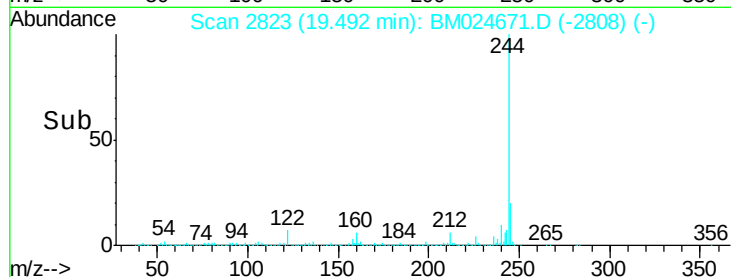
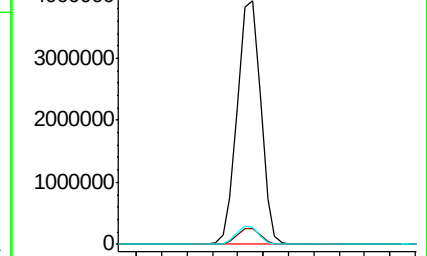
122 6.8 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.025 ng

RT: 20.20 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

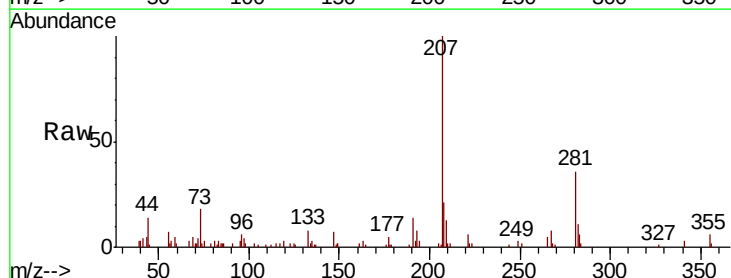
Tgt Ion:149 Resp: 732

Ion Ratio Lower Upper

149 100

91 53.5 53.9 80.9#

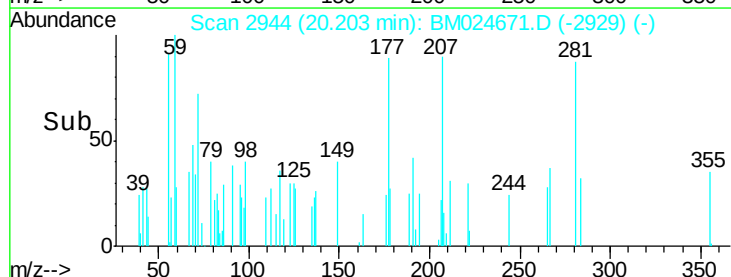
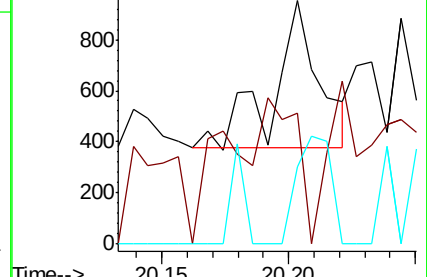
206 31.7 19.0 28.6#

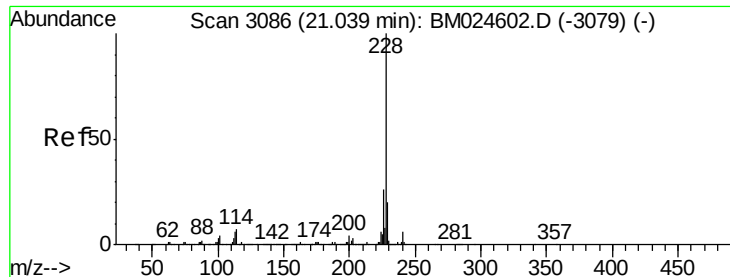


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.079 ng

RT: 21.04 min Scan# 3086

Delta R.T. -0.00 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Instrument :

BNA_M

ClientSampleId :

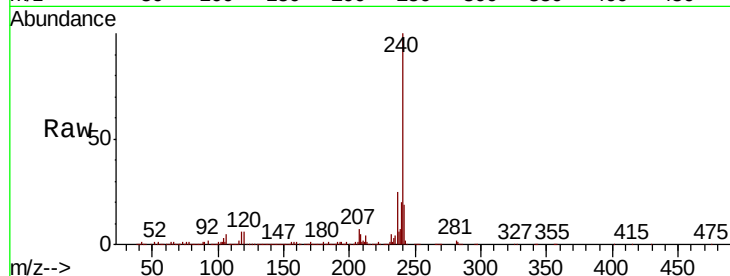
Tot Ion:228 Resp: 5851

Ion Ratio Lower Upper

228 100

226 15.1 21.1 31.7#

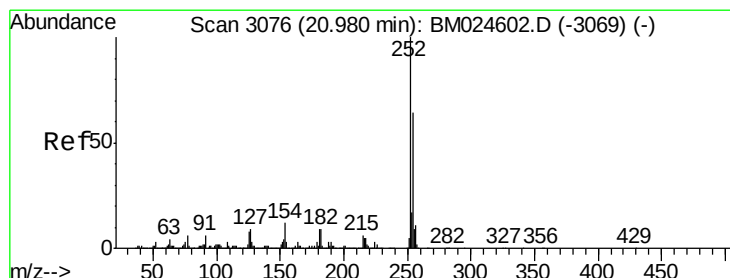
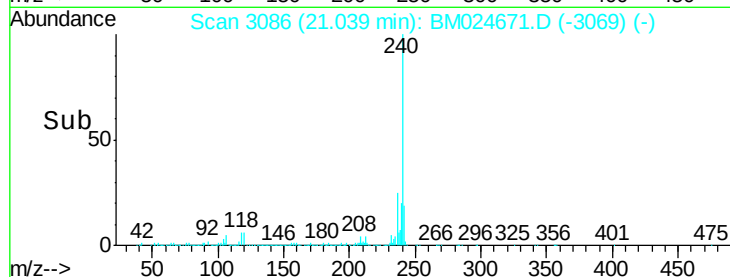
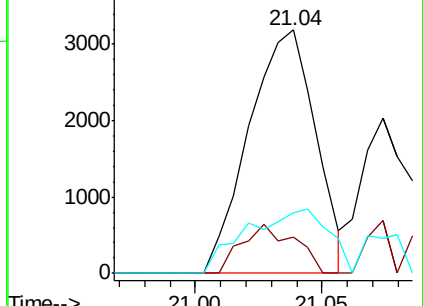
229 24.8 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.086 ng

RT: 20.97 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

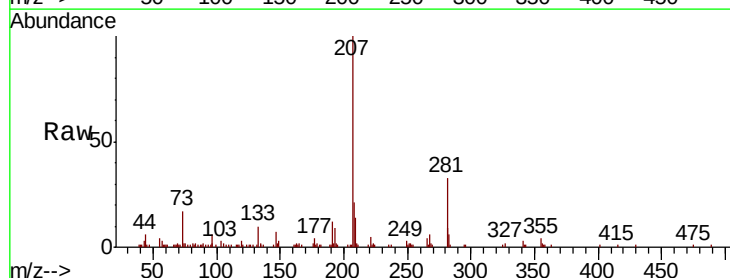
Tgt Ion:252 Resp: 2276

Ion Ratio Lower Upper

252 100

254 45.8 51.5 77.3#

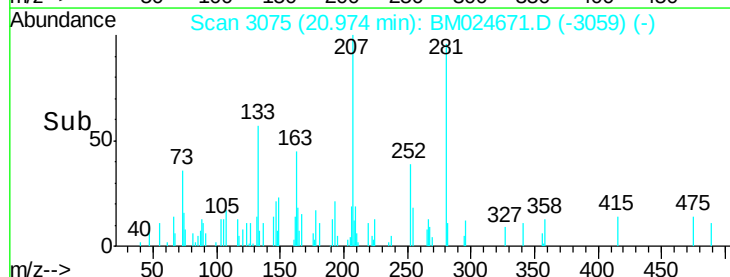
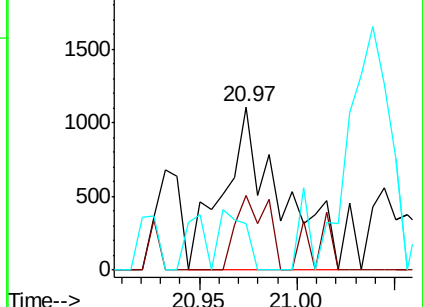
126 28.8 6.7 10.1#

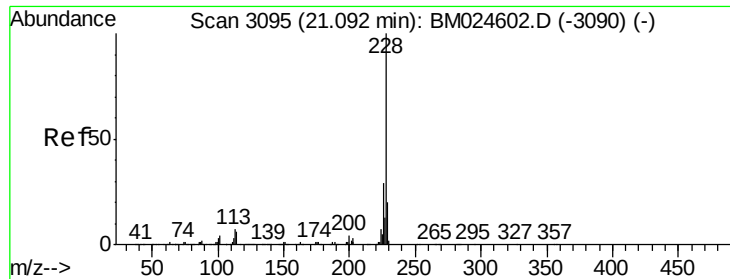


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.044 ng

RT: 21.07 min Scan# 3092

Delta R.T. -0.02 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Instrument :

BNA_M

ClientSampleId :

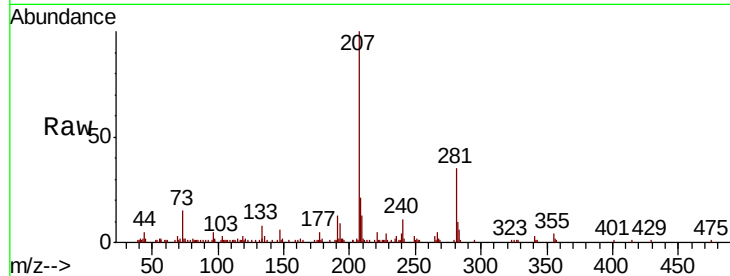
Tot Ion:228 Resp: 3104

Ion Ratio Lower Upper

228 100

226 34.0 23.2 34.8

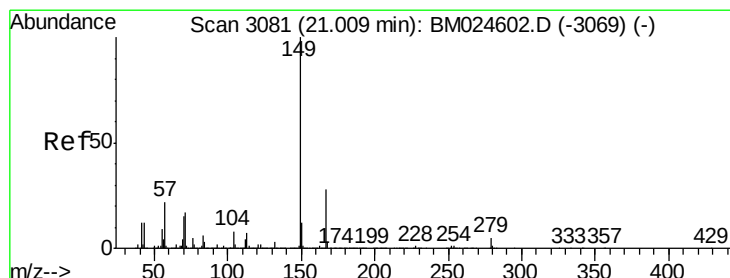
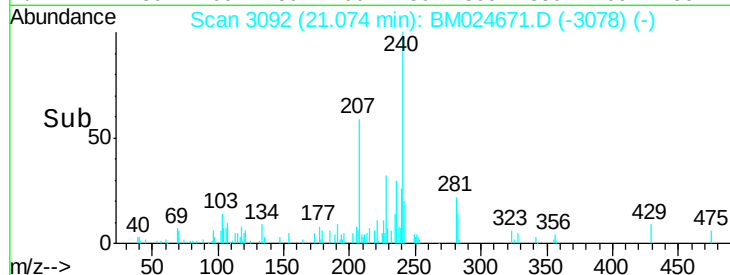
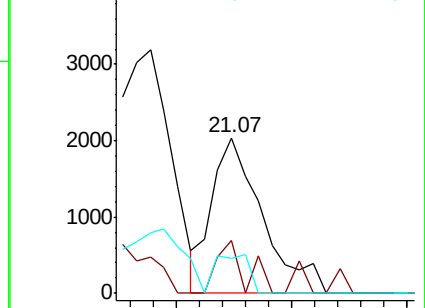
229 22.6 15.7 23.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.124 ng

RT: 21.00 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

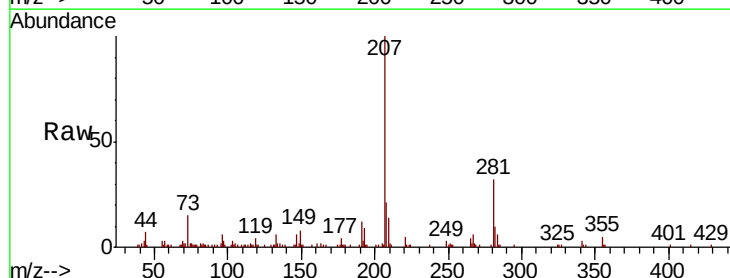
Tgt Ion:149 Resp: 5395

Ion Ratio Lower Upper

149 100

167 18.1 22.5 33.7#

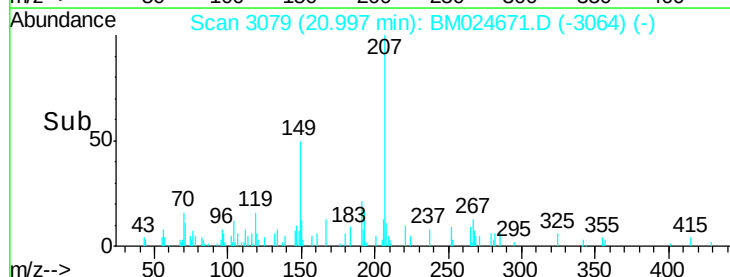
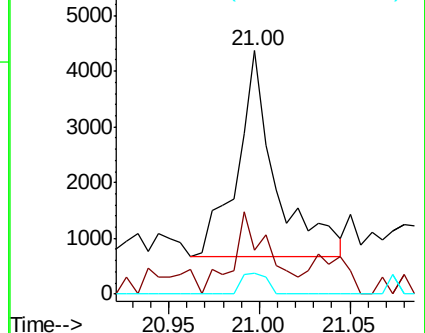
279 8.8 4.0 6.0#

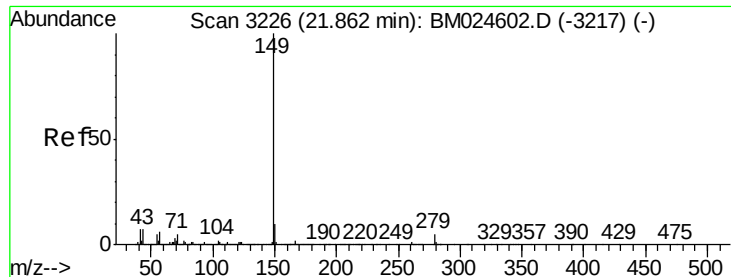


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.009 ng

RT: 21.85 min Scan# 3224

Delta R.T. -0.01 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Instrument :

BNA_M

ClientSampleId :

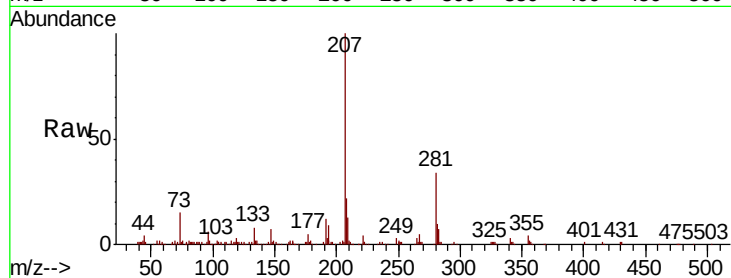
Tot Ion:149 Resp: 655

Ion Ratio Lower Upper

149 100

167 183.1 1.3 1.9#

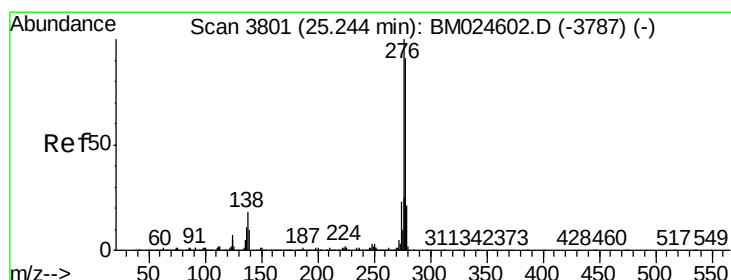
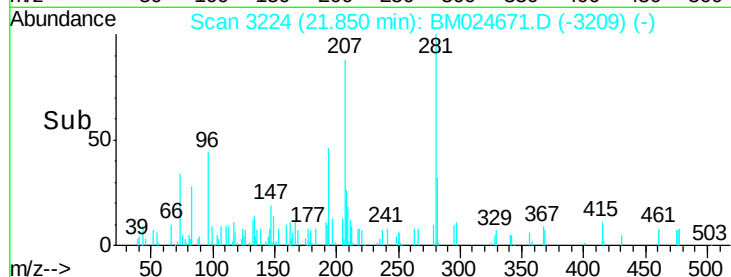
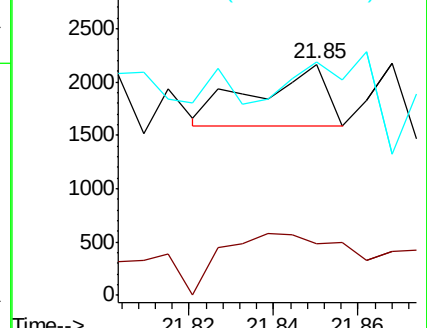
43 0.0 5.8 8.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.011 ng

RT: 25.21 min Scan# 3795

Delta R.T. -0.04 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

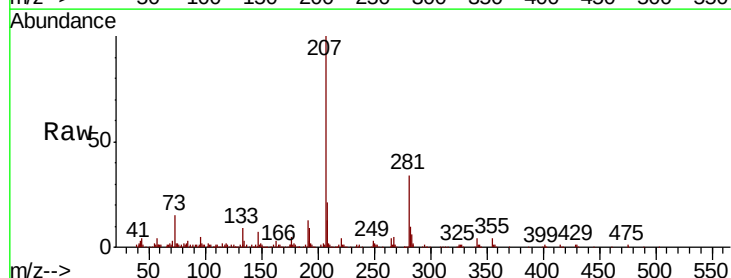
Tgt Ion:276 Resp: 869

Ion Ratio Lower Upper

276 100

138 15.0 13.4 20.0

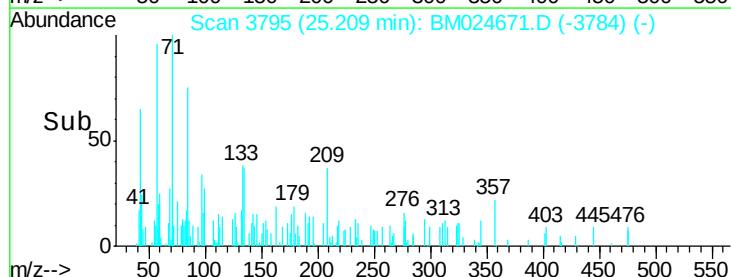
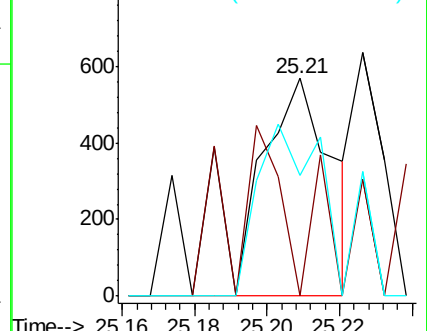
277 73.3 19.6 29.4#

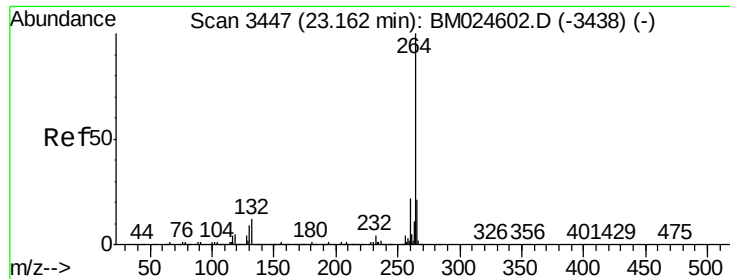


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.14 min Scan# 3444

Delta R.T. -0.02 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Instrument :

BNA_M

ClientSampled :

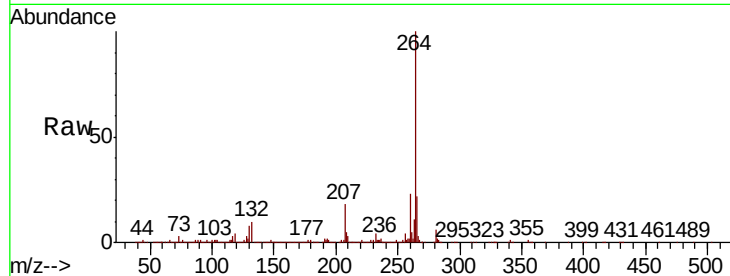
Tot Ion:264 Resp: 1295367

Ion Ratio Lower Upper

264 100

260 22.7 17.9 26.9

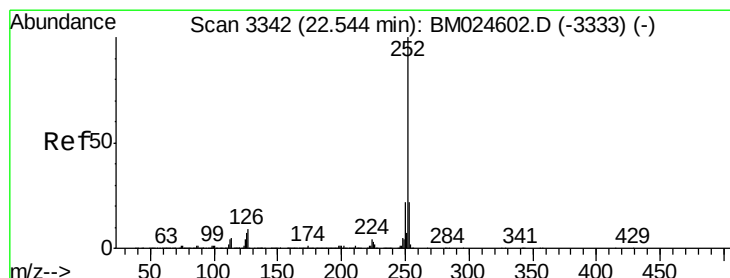
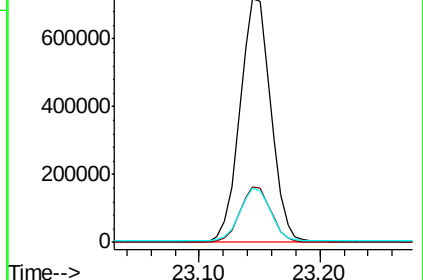
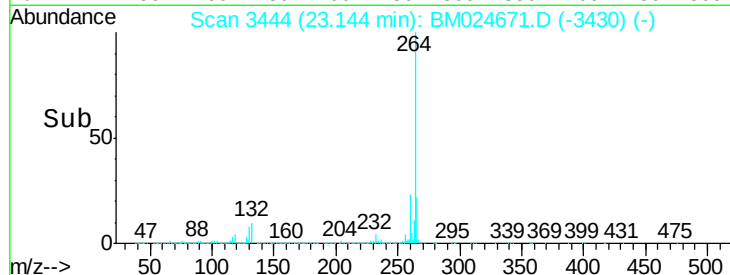
265 22.2 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 0.024 ng

RT: 22.53 min Scan# 3340

Delta R.T. -0.01 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

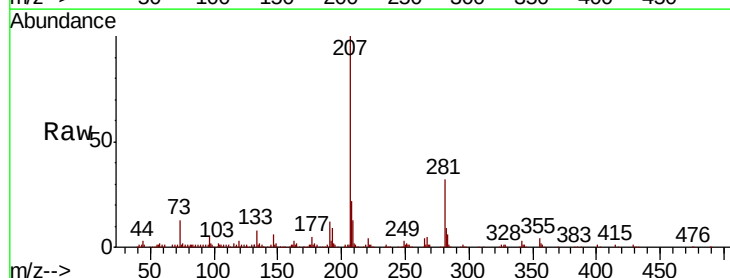
Tgt Ion:252 Resp: 2020

Ion Ratio Lower Upper

252 100

253 73.4 17.6 26.4#

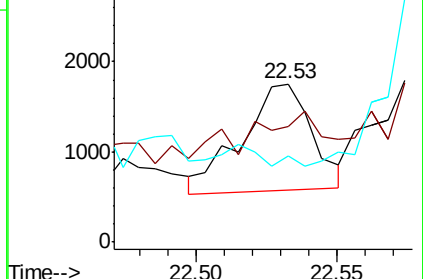
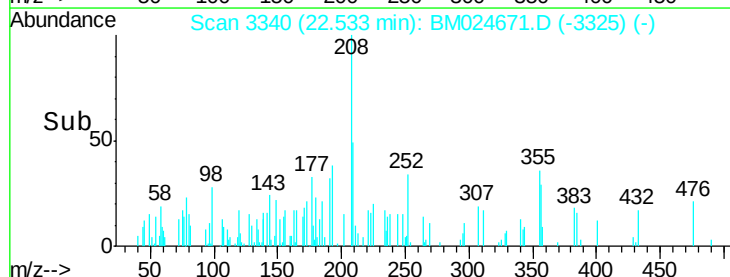
125 54.5 5.7 8.5#

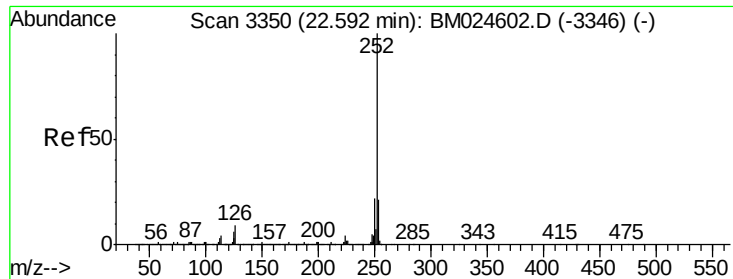


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.023 ng

RT: 22.57 min Scan# 3347

Delta R.T. -0.02 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Instrument :

BNA_M

ClientSampleId :

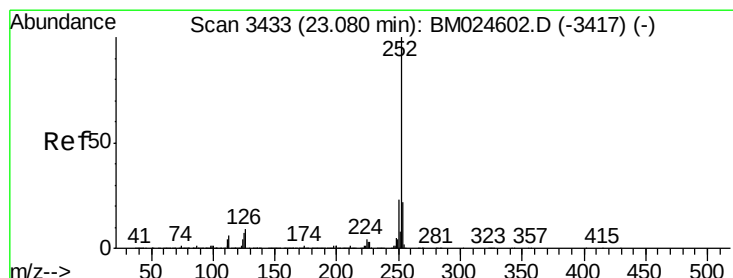
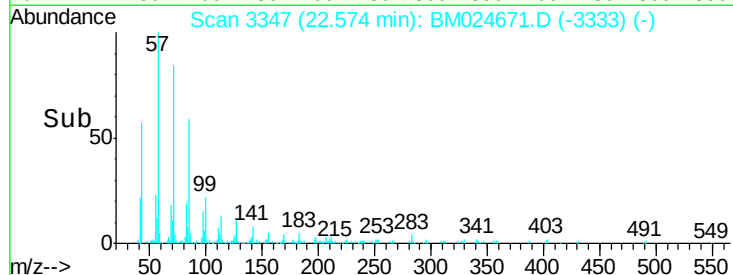
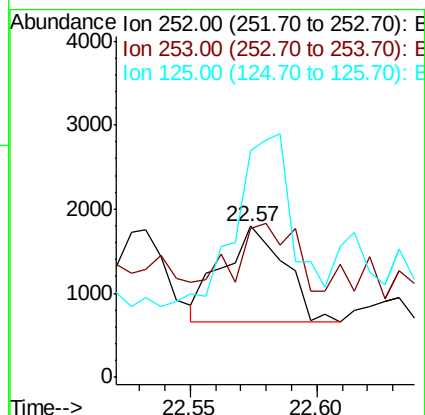
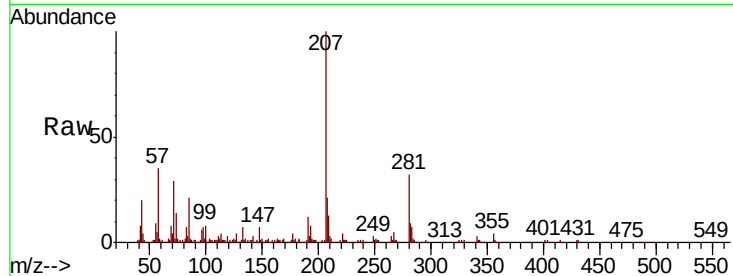
Tot Ion:252 Resp: 1906

Ion Ratio Lower Upper

252 100

253 98.0 17.3 25.9#

125 150.1 5.2 7.8#



#90

Benzo(a)pyrene

Concen: 0.017 ng

RT: 23.06 min Scan# 3429

Delta R.T. -0.02 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

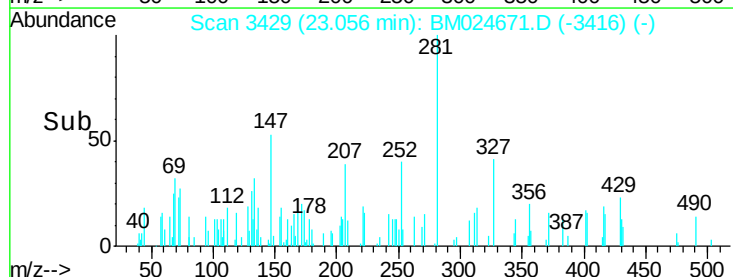
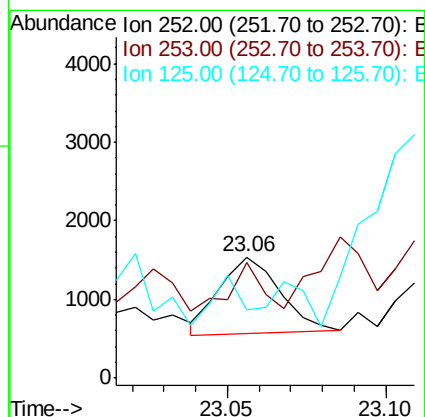
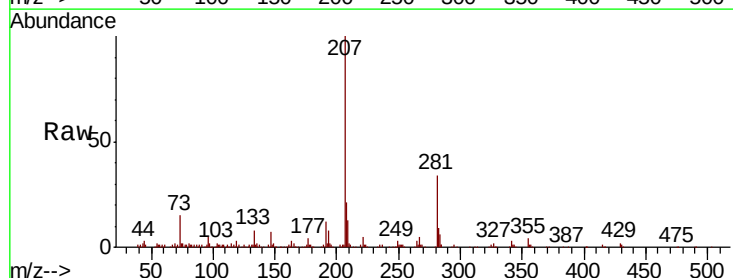
Tgt Ion:252 Resp: 1281

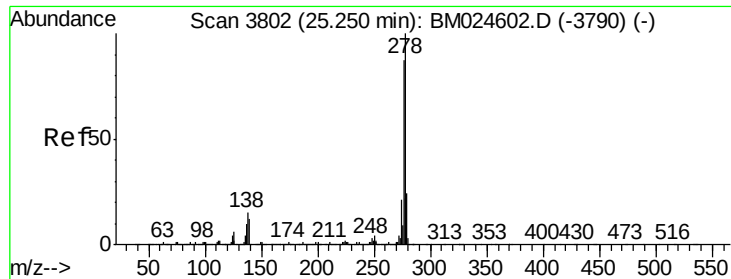
Ion Ratio Lower Upper

252 100

253 95.3 17.3 25.9#

125 56.2 5.8 8.8#





#91

Dibenzo(a,h)anthracene

Concen: 0.015 ng

RT: 25.22 min Scan# 3797

Delta R.T. -0.03 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Instrument :

BNA_M

ClientSampleId :

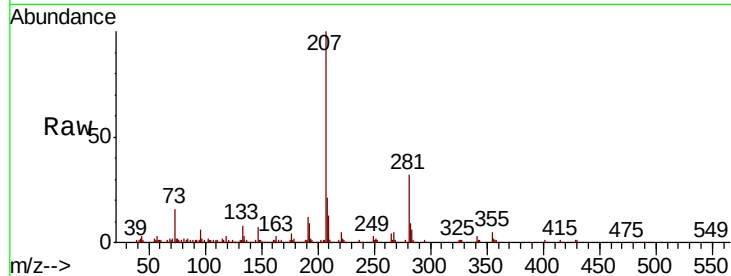
Tot Ion:278 Resp: 1114

Ion Ratio Lower Upper

278 100

139 57.0 9.3 13.9#

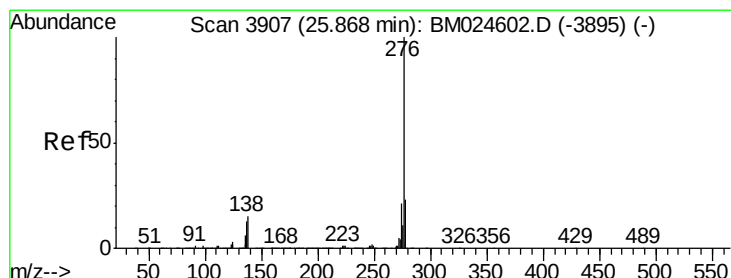
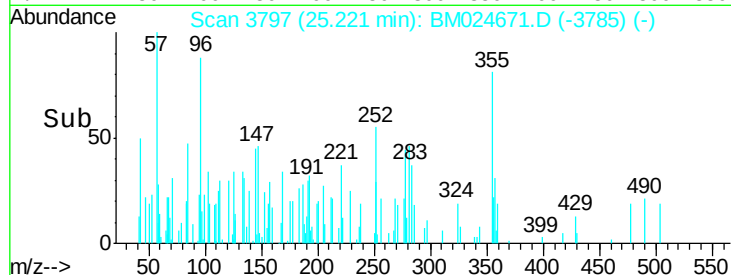
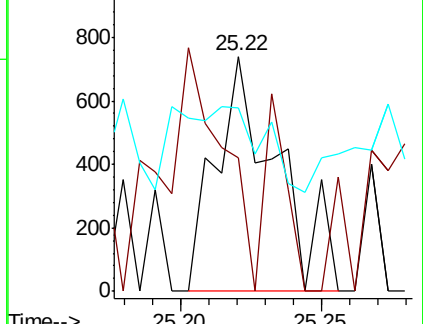
279 78.1 18.9 28.3#



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



#92

Benzo(g,h,i)perylene

Concen: 0.004 ng

RT: 25.84 min Scan# 3902

Delta R.T. -0.03 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

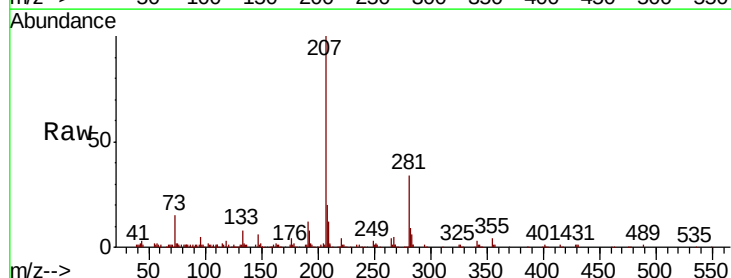
Tgt Ion:276 Resp: 295

Ion Ratio Lower Upper

276 100

277 91.4 18.6 28.0#

138 0.0 11.9 17.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

