

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024665.D
 Acq On : 30 Jan 2020 19:09
 Operator : CG/JU
 Sample : L1318-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 30 23:24:00 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	168509	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	600917	20.00	ng	-0.02
39) Acenaphthene-d10	14.08	164	403638	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	907697	20.00	ng	-0.01
76) Chrysene-d12	21.04	240	1116723	20.00	ng	-0.01
87) Perylene-d12	23.15	264	1347554	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.07	112	956707	107.97	ng	-0.01
7) Phenol-d6	6.63	99	1191530	97.62	ng	-0.02
23) Nitrobenzene-d5	8.57	82	783981	63.98	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	709670	108.09	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	2015025	67.87	ng	-0.02
79) Terphenyl-d14	19.49	244	3669272	61.34	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.10	88	700	0.200	ng	96
3) Pyridine	3.45	79	371	0.037	ng	# 1
4) n-Nitrosodimethylamine	3.39	42	291	0.065	ng	# 1
9) Benzaldehyde	6.59	77	273	0.038	ng	# 51
10) Phenol	6.65	94	12273	1.009	ng	# 75
13) 1,4-Dichlorobenzene	7.46	146	257	0.020	ng	# 24
15) Benzyl Alcohol	7.74	79	10144	1.008	ng	# 52
19) n-Nitroso-di-n-propylamine	8.19	70	128	0.014	ng	# 40
22) Acetophenone	8.24	105	222	0.014	ng	# 1
24) Nitrobenzene	8.57	77	3392	0.289	ng	# 43
25) Isophorone	9.15	82	144	0.007	ng	# 64
31) Naphthalene	10.24	128	3912	0.129	ng	# 81
37) 2-Methylnaphthalene	11.86	142	1703	0.073	ng	# 93
38) 1-Methylnaphthalene	12.09	142	1613	0.072	ng	# 74
46) 1,1'-Biphenyl	12.90	154	4732	0.155	ng	# 88
49) Acenaphthylene	13.80	152	6154	0.167	ng	# 97
50) Dimethylphthalate	13.55	163	89273	2.735	ng	# 97
52) Acenaphthene	14.14	154	4755	0.208	ng	# 92
55) Dibenzofuran	14.49	168	3440	0.092	ng	# 81
58) Fluorene	15.14	166	4411	0.140	ng	# 81
66) n-Nitrosodiphenylamine	15.43	169	107	0.004	ng	# 1
71) Phenanthrene	16.87	178	130426	2.653	ng	# 100
72) Anthracene	16.96	178	23264	0.484	ng	# 95
73) Carbazole	17.23	167	10667	0.244	ng	# 95
74) Di-n-butylphthalate	17.83	149	14351	0.256	ng	# 95
75) Fluoranthene	18.90	202	256824	4.186	ng	# 98
77) Benzidine	19.13	184	120	0.005	ng	# 1
78) Pyrene	19.26	202	255538	3.471	ng	# 99
80) Butylbenzylphthalate	20.20	149	2674	0.087	ng	# 94
81) Benzo(a)anthracene	21.03	228	160230	2.067	ng	# 99
82) 3,3'-Dichlorobenzidine	20.99	252	319	0.011	ng	# 8
83) Chrysene	21.08	228	151772	2.052	ng	# 96
84) Bis(2-ethylhexyl)phthalate	21.00	149	36384	0.798	ng	# 94
85) Di-n-octyl phthalate	21.84	149	1094	0.015	ng	# 1

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

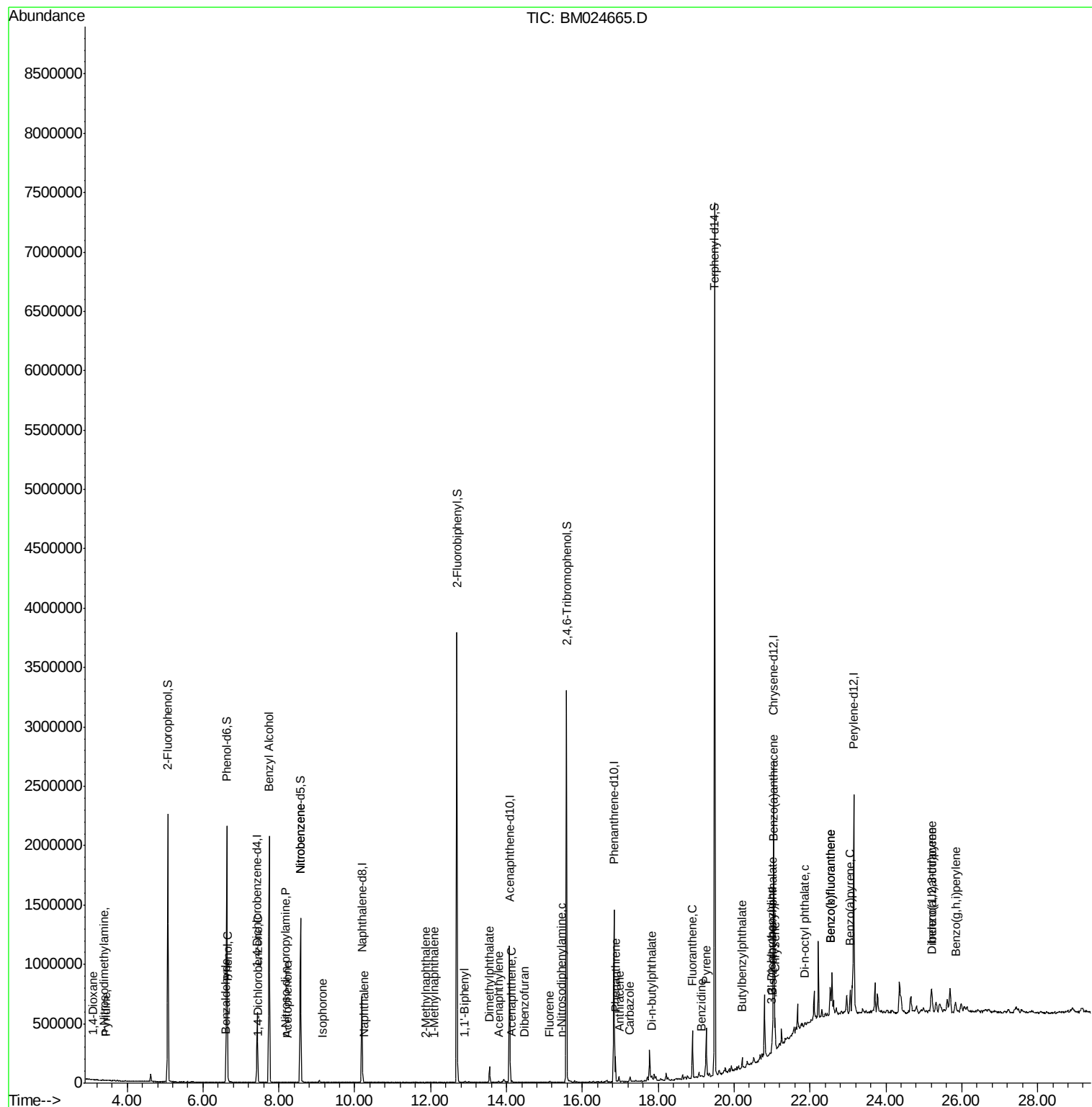
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Indeno(1,2,3-cd)pyrene	25.21	276	101512	1.259	ng	97
88) Benzo(b)fluoranthene	22.53	252	205308	2.349	ng	97
89) Benzo(k)fluoranthene	22.53	252	204999	2.403	ng	# 96
90) Benzo(a)pyrene	23.06	252	148391	1.867	ng	97
91) Dibenzo(a,h)anthracene	25.23	278	27168	0.360	ng	96
92) Benzo(a,h,i)perylene	25.84	276	101615	1.484	ng	# 94

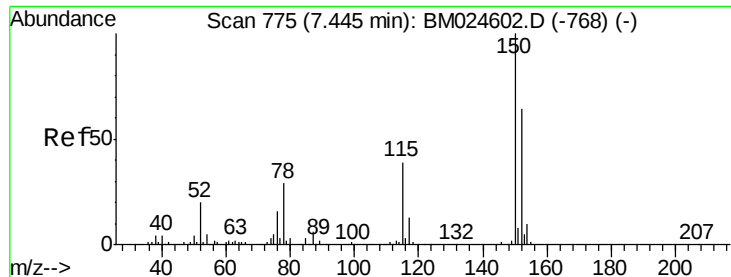
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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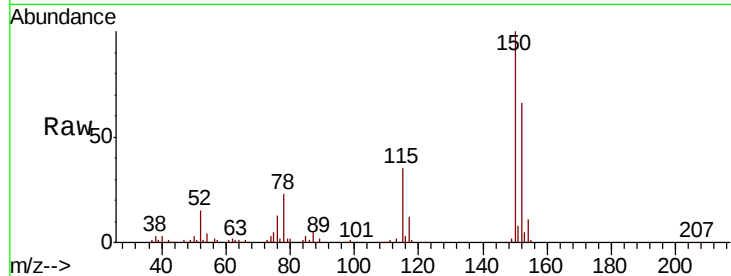


#1

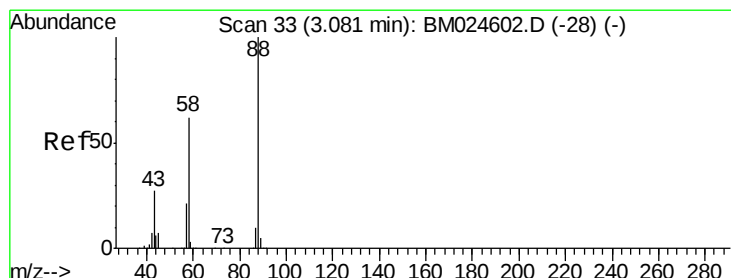
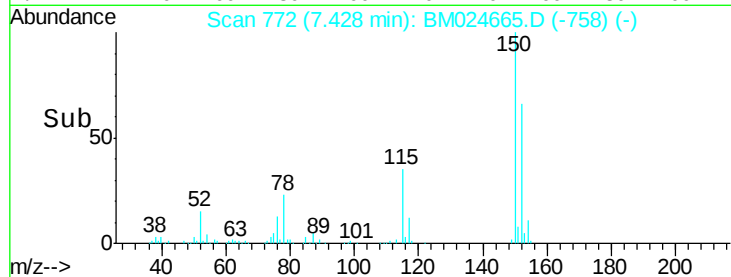
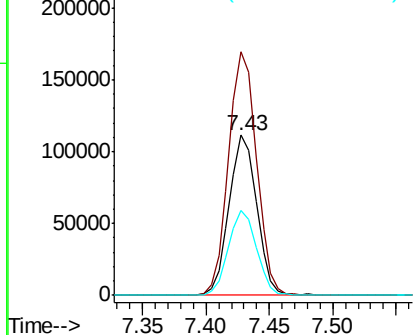
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM024665.D
Acq: 30 Jan 2020 19:09

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 168509
Ion Ratio Lower Upper
152 100
150 151.8 124.2 186.4
115 53.1 48.6 72.8



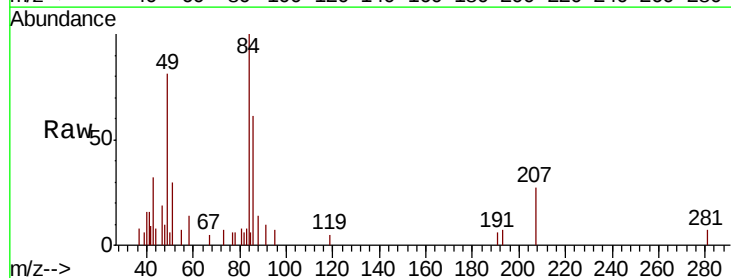
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



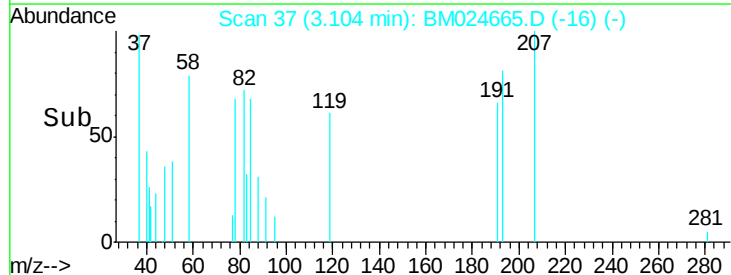
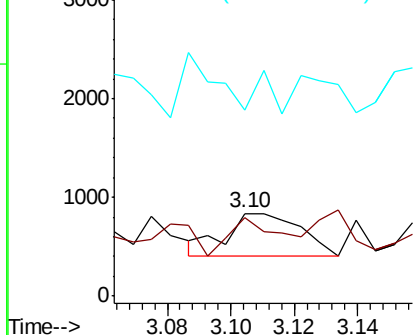
#2

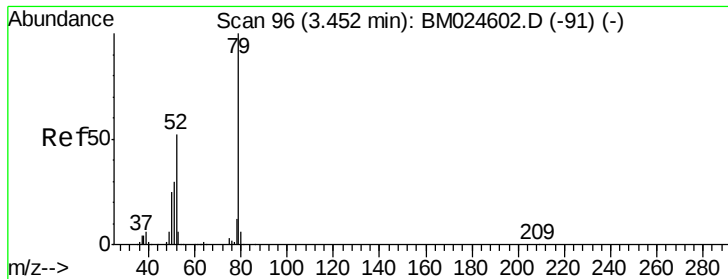
1,4-Dioxane
Concen: 0.200 ng
RT: 3.10 min Scan# 37
Delta R.T. 0.02 min
Lab File: BM024665.D
Acq: 30 Jan 2020 19:09

Tgt Ion: 88 Resp: 700
Ion Ratio Lower Upper
88 100
58 63.6 50.0 75.0
43 22.0 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: 0.037 ng

RT: 3.45 min Scan# 95

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

Instrument :

BNA_M

ClientSampleId :

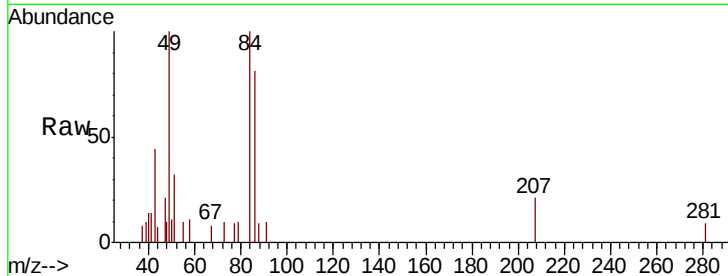
Tot Ion: 79 Resp: 371

Ion Ratio Lower Upper

79 100

52 0.0 41.4 62.2#

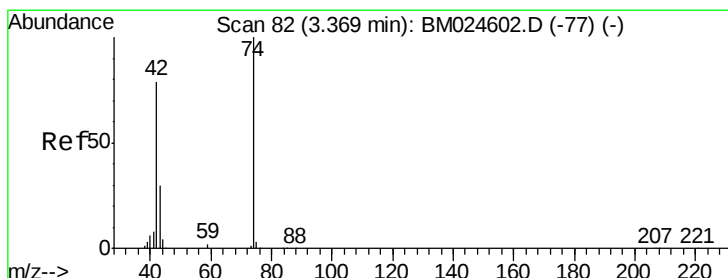
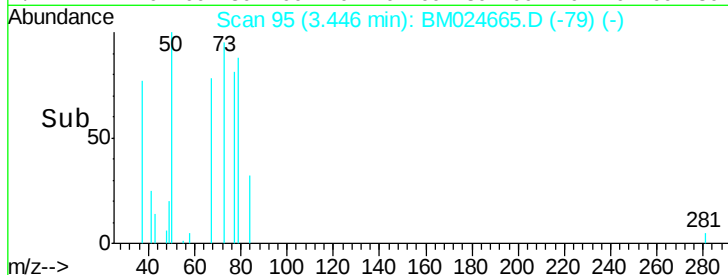
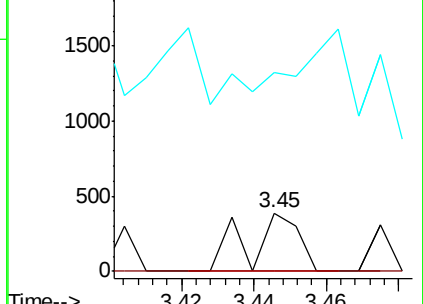
51 339.2 23.8 35.8#



Abundance Ion 79.00 (78.70 to 79.70): BM024602.D (-91) (-)

Ion 52.00 (51.70 to 52.70): BM024602.D (-91) (-)

Ion 51.00 (50.70 to 51.70): BM024602.D (-91) (-)



#4

n-Nitrosodimethylamine

Concen: 0.065 ng

RT: 3.39 min Scan# 85

Delta R.T. 0.02 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

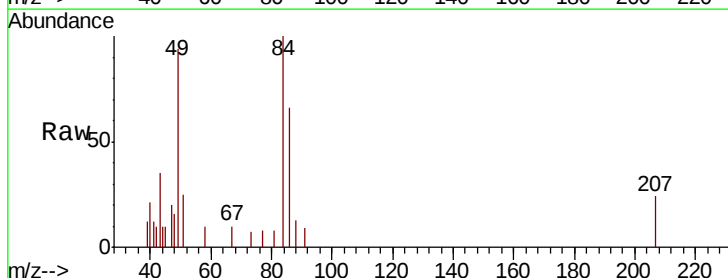
Tgt Ion: 42 Resp: 291

Ion Ratio Lower Upper

42 100

74 0.0 101.4 152.2#

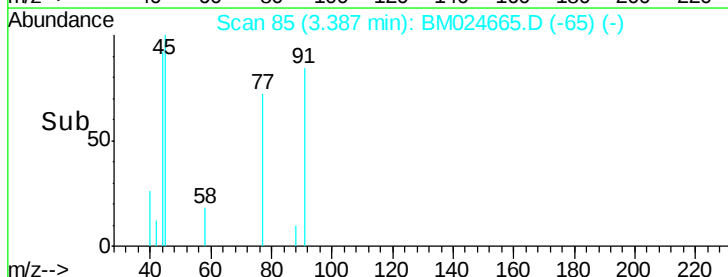
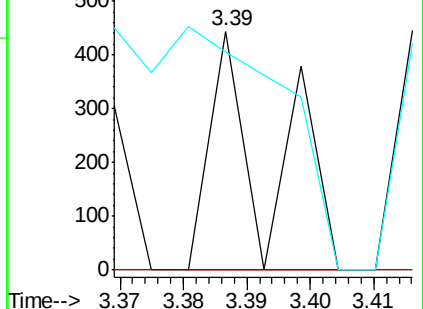
44 91.4 4.6 6.8#

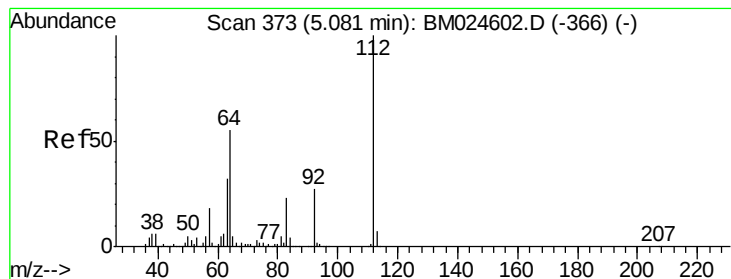


Abundance Ion 42.00 (41.70 to 42.70): BM024602.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM024602.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM024602.D (-77) (-)





#5

2-Fluorophenol

Concen: 107.972 ng

RT: 5.07 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

Instrument :

BNA_M

ClientSampleId :

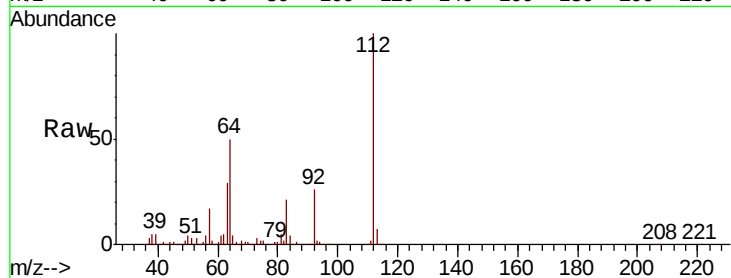
Tot Ion:112 Resp: 956707

Ion Ratio Lower Upper

112 100

64 49.9 44.2 66.4

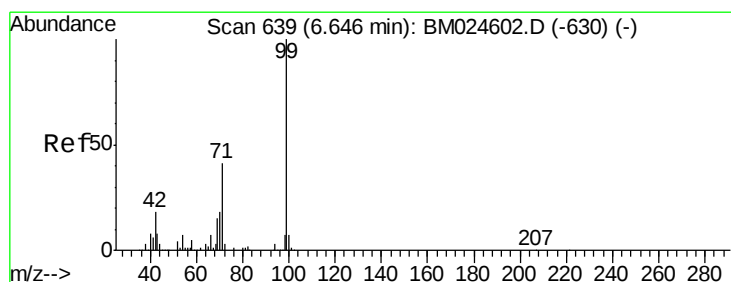
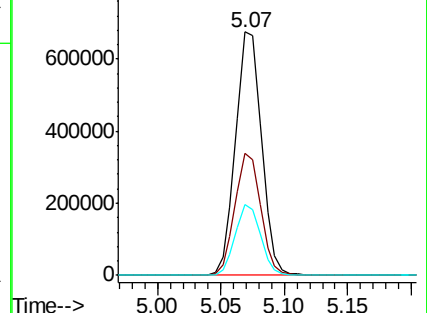
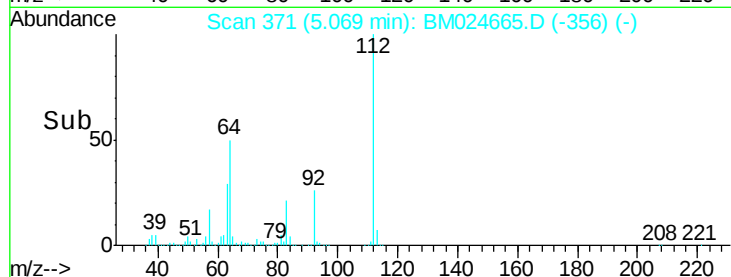
63 29.0 25.9 38.9



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: 97.617 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

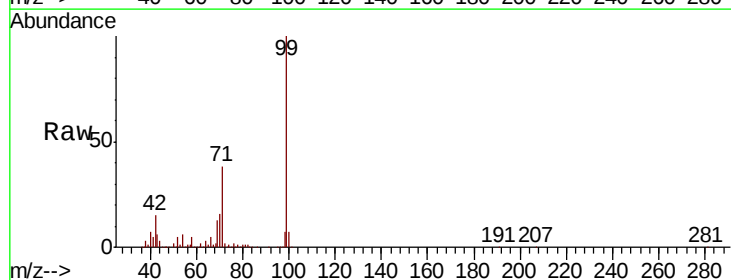
Tgt Ion: 99 Resp: 1191530

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

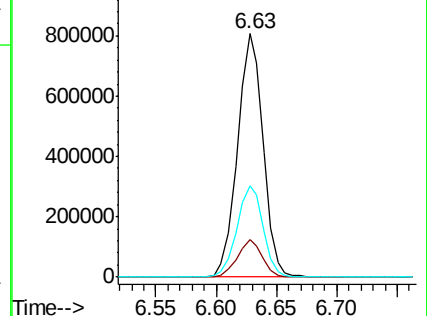
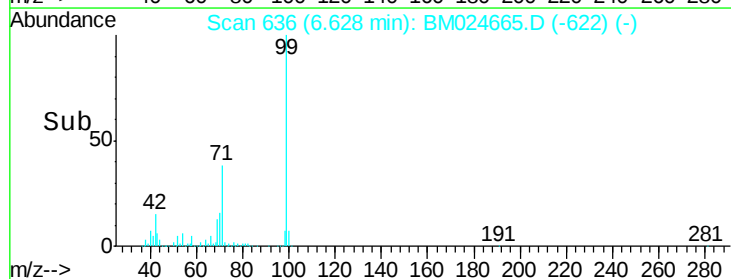
71 37.7 33.0 49.6

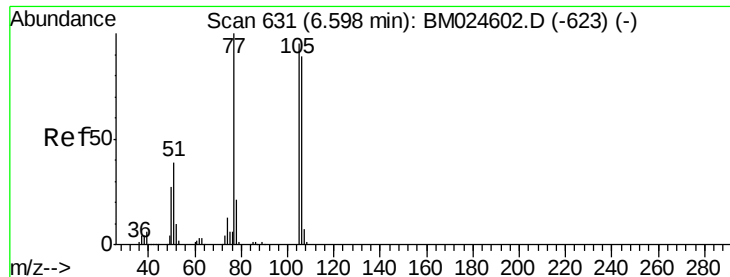


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#9

Benzaldehyde

Concen: 0.038 ng

RT: 6.59 min Scan# 630

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

Instrument :

BNA_M

ClientSampled :

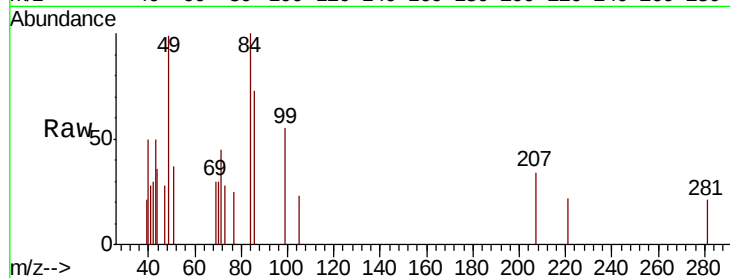
Tot Ion: 77 Resp: 273

Ion Ratio Lower Upper

77 100

105 89.6 75.2 115.2

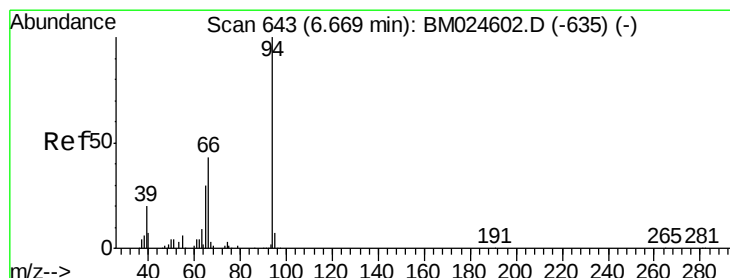
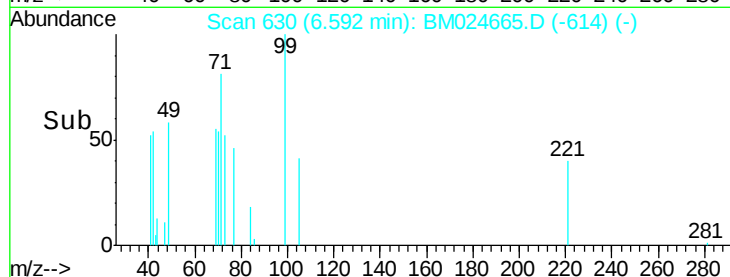
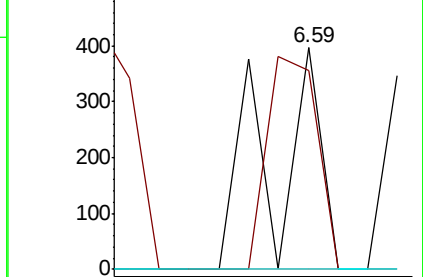
106 0.0 68.6 108.6#



Abundance Ion 77.00 (76.70 to 77.70): BM024602.D (-623) (-)

Ion 105.00 (104.70 to 105.70): BM024602.D (-623) (-)

Ion 106.00 (105.70 to 106.70): BM024602.D (-623) (-)



#10

Phenol

Concen: 1.009 ng

RT: 6.65 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

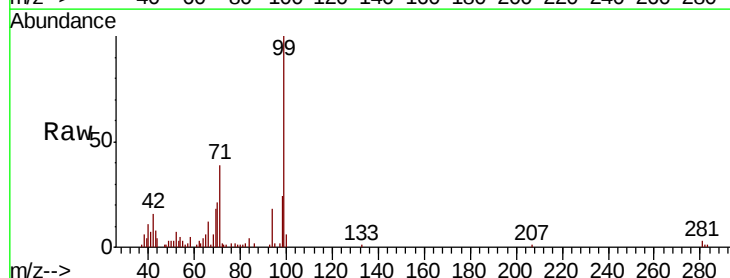
Tgt Ion: 94 Resp: 12273

Ion Ratio Lower Upper

94 100

65 36.3 10.3 50.3

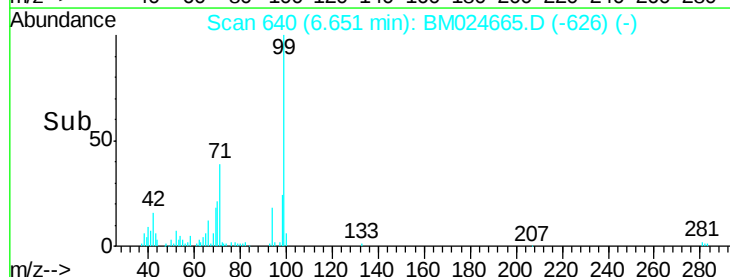
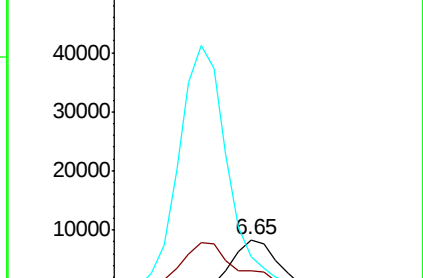
66 66.9 24.8 64.8#

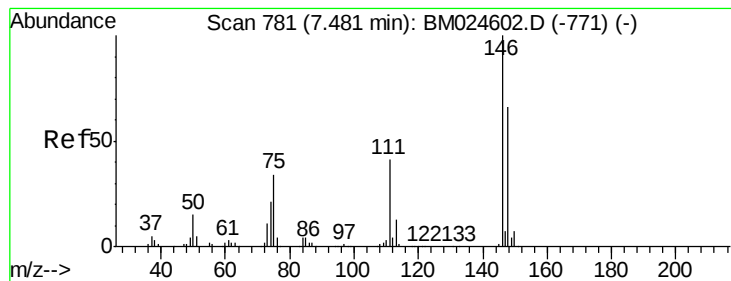


Abundance Ion 94.00 (93.70 to 94.70): BM024602.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM024602.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM024602.D (-635) (-)





#13

1,4-Dichlorobenzene

Concen: 0.020 ng

RT: 7.46 min Scan# 778

Delta R.T. -0.02 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

Instrument :

BNA_M

ClientSampled :

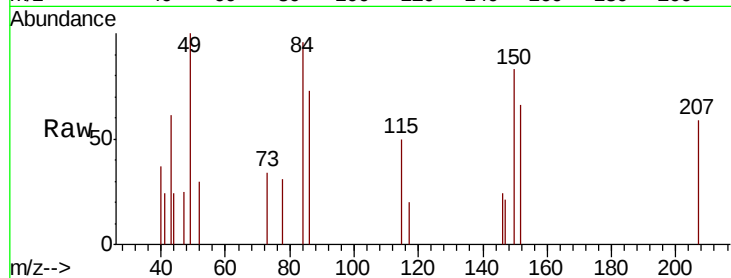
Tot Ion:146 Resp: 257

Ion Ratio Lower Upper

146 100

148 0.0 52.5 78.7#

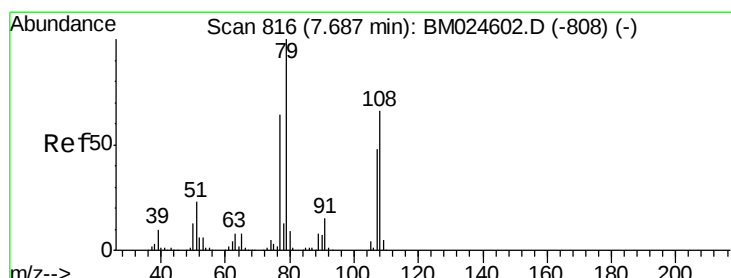
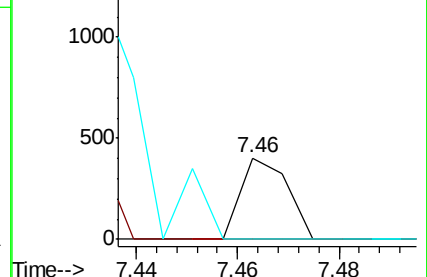
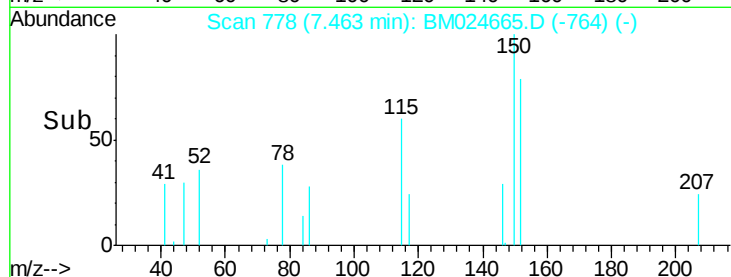
111 0.0 33.0 49.4#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 1.008 ng

RT: 7.74 min Scan# 825

Delta R.T. 0.05 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

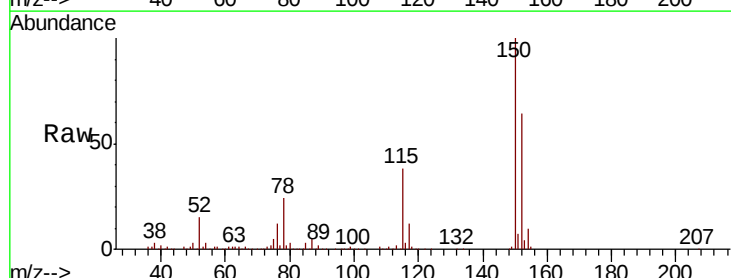
Tgt Ion: 79 Resp: 10144

Ion Ratio Lower Upper

79 100

108 34.3 53.0 79.4#

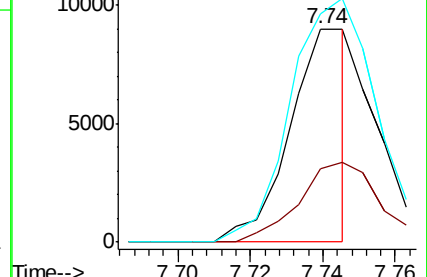
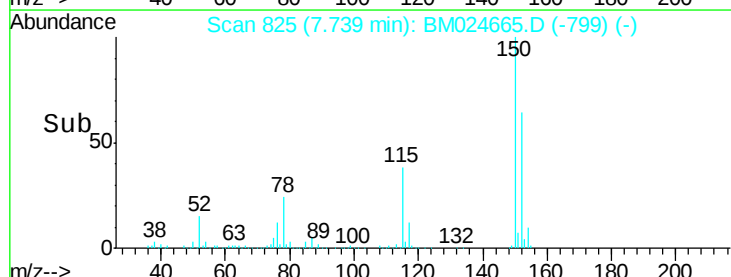
77 107.3 50.8 76.2#

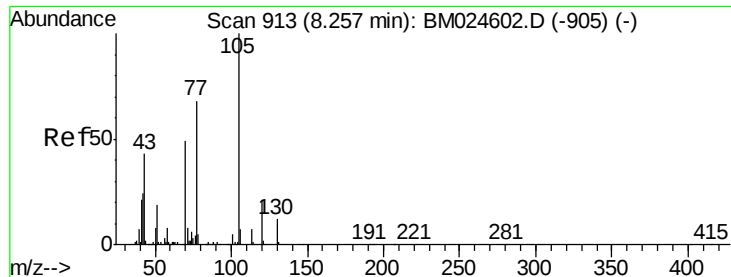


Abundance Ion 79.00 (78.70 to 79.70): BM0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

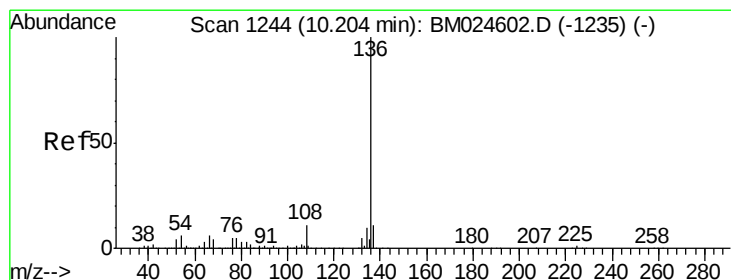
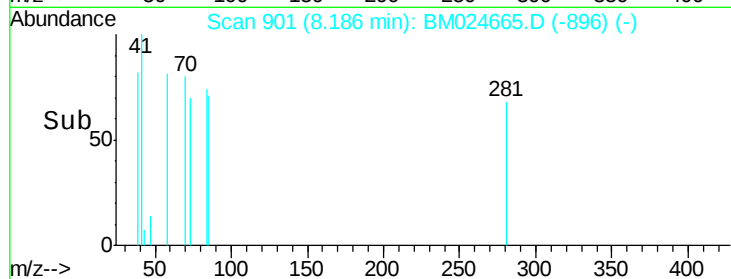
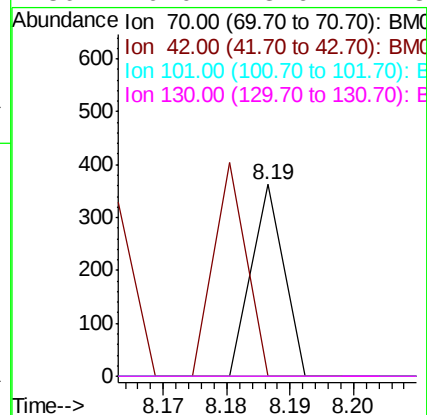
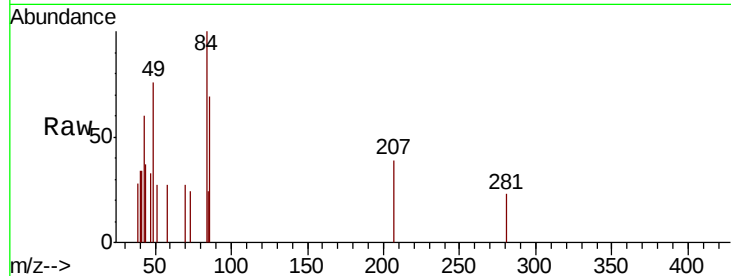




#19
n-Nitroso-di-n-propylamine
Concen: 0.014 ng
RT: 8.19 min Scan# 901
Delta R.T. -0.07 min
Lab File: BM024665.D
Acq: 30 Jan 2020 19:09

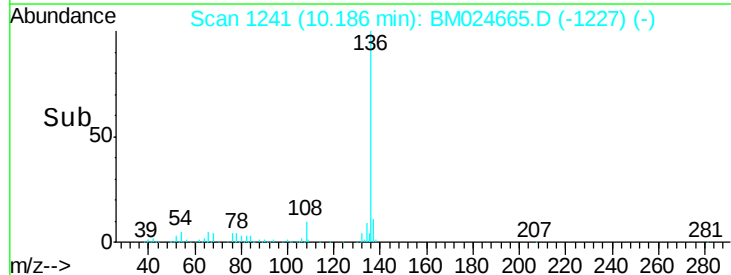
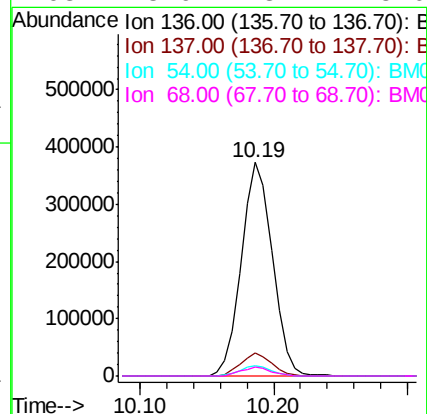
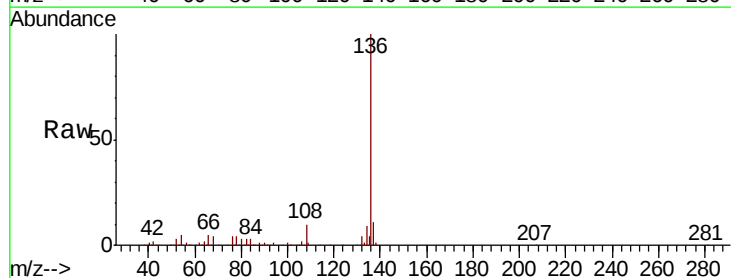
Instrument :
BNA_M
ClientSampleId :

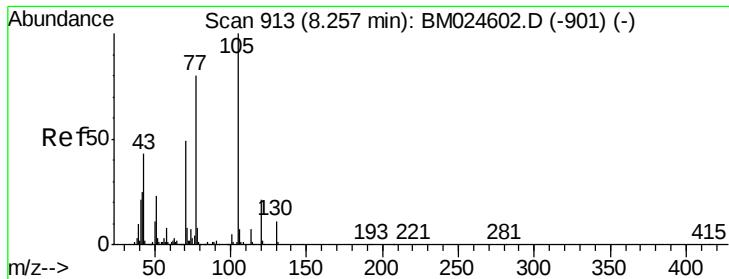
Tot Ion: 70 Resp: 128
Ion Ratio Lower Upper
70 100
42 0.0 40.0 60.0#
101 0.0 8.2 12.2#
130 0.0 18.6 27.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.19 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BM024665.D
Acq: 30 Jan 2020 19:09

Tgt Ion:136 Resp: 600917
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 4.7 4.5 6.7
68 3.9 3.4 5.0

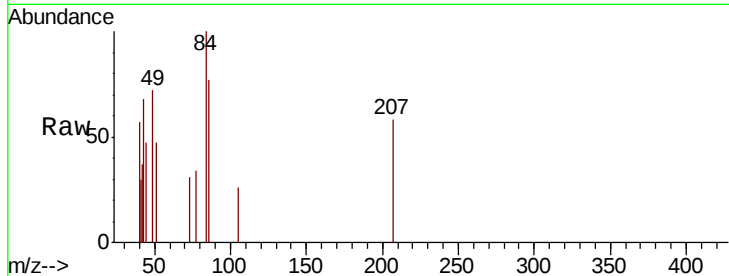




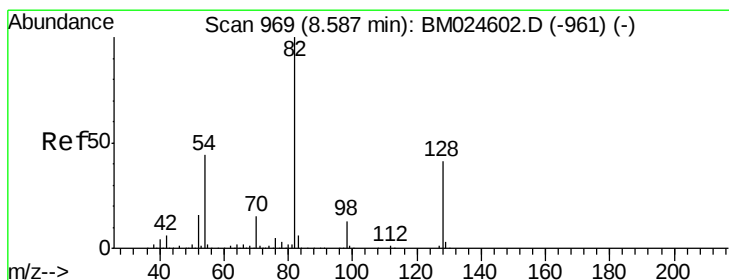
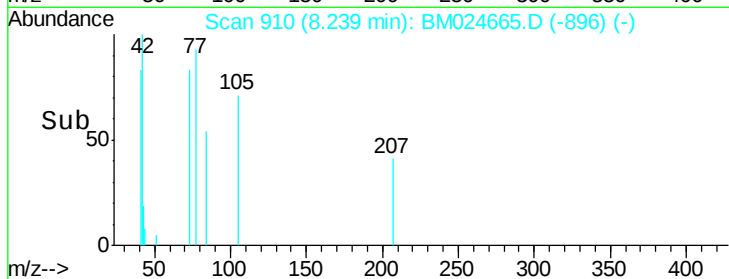
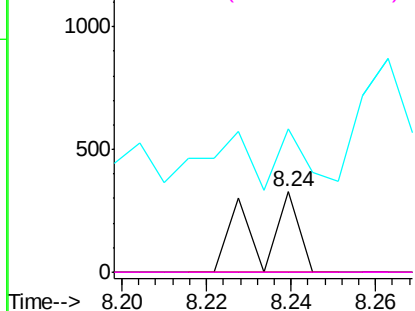
#22
Acetophenone
Concen: 0.014 ng
RT: 8.24 min Scan# 910
Delta R.T. -0.02 min
Lab File: BM024665.D
Acq: 30 Jan 2020 19:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion:105 Resp: 222
Ion Ratio Lower Upper
105 100
71 0.0 6.7 10.1#
51 179.2 18.5 27.7#
120 0.0 16.6 25.0#

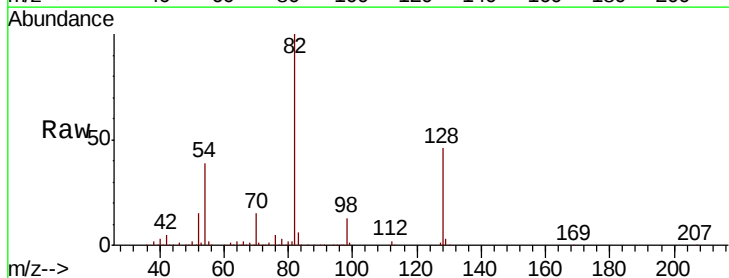


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

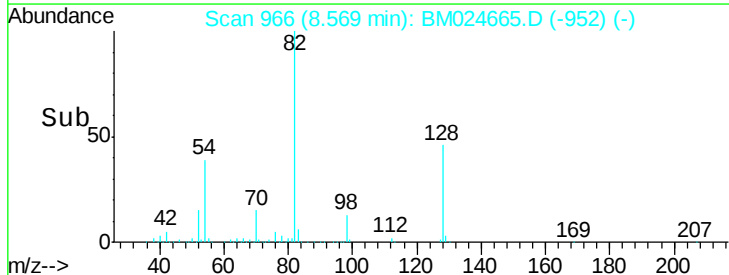
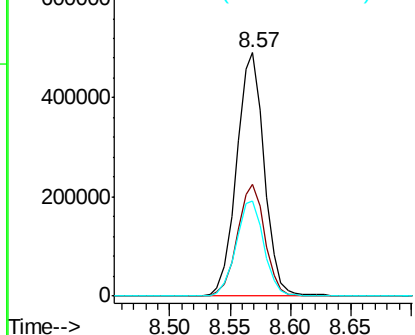


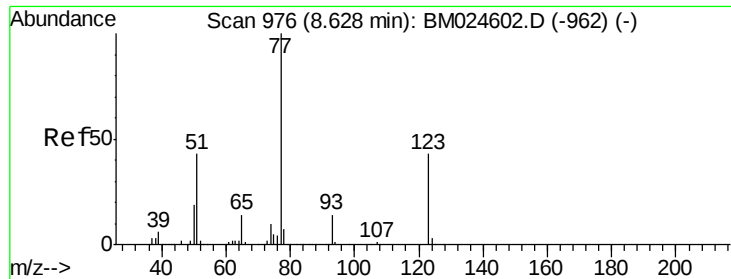
#23
Nitrobenzene-d5
Concen: 63.982 ng
RT: 8.57 min Scan# 966
Delta R.T. -0.02 min
Lab File: BM024665.D
Acq: 30 Jan 2020 19:09

Tgt Ion: 82 Resp: 783981
Ion Ratio Lower Upper
82 100
128 45.9 32.6 48.8
54 39.3 34.8 52.2



Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

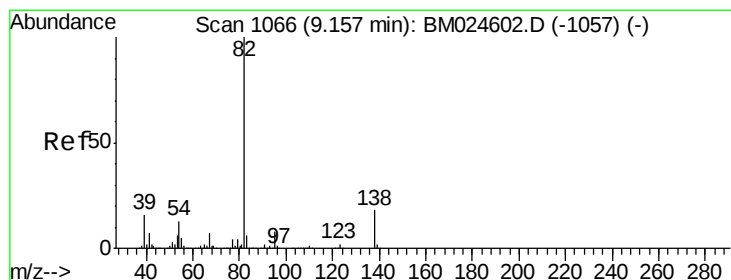
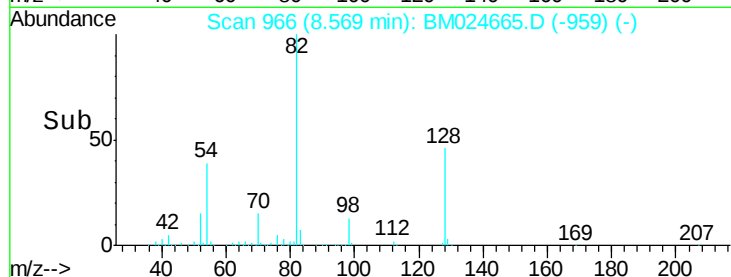
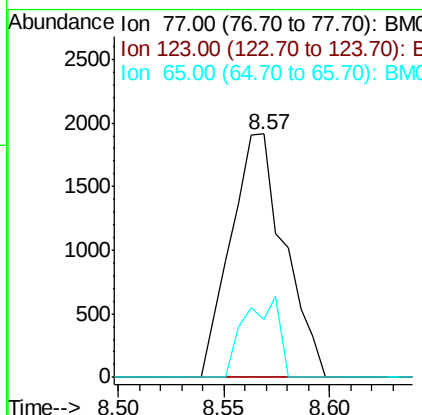
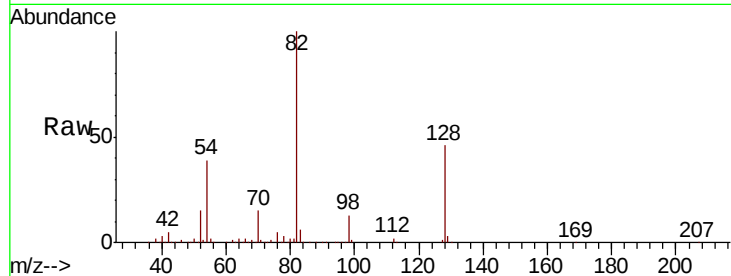




#24
 Nitrobenzene
 Concen: 0.289 ng
 RT: 8.57 min Scan# 966
 Delta R.T. -0.06 min
 Lab File: BM024665.D
 Acq: 30 Jan 2020 19:09

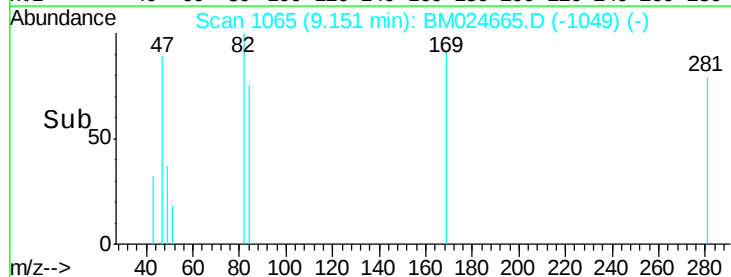
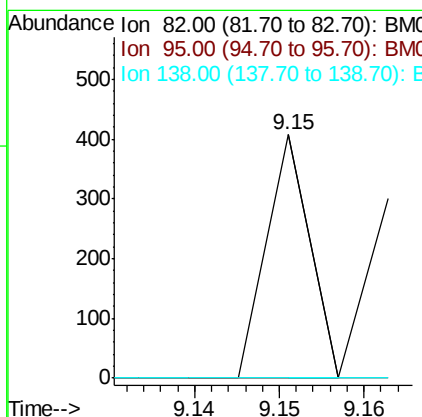
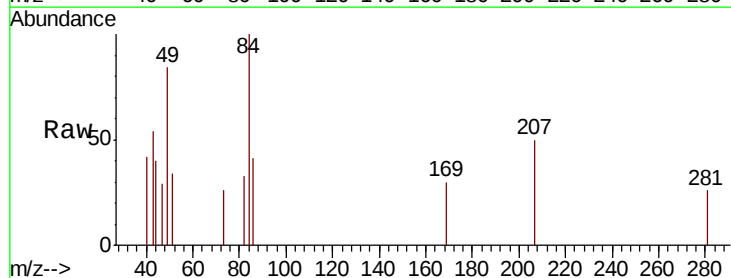
Instrument :
 BNA_M
 ClientSampled :

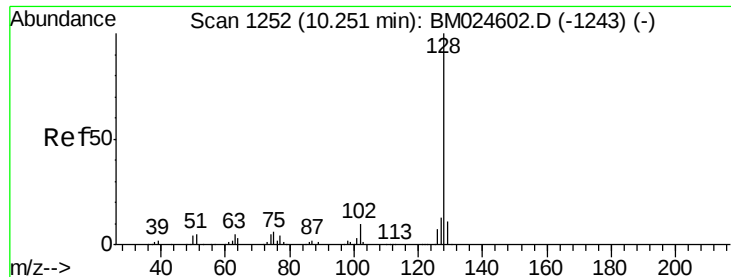
Tot Ion: 77 Resp: 3392
 Ion Ratio Lower Upper
 77 100
 123 0.0 34.6 52.0#
 65 23.9 11.0 16.4#



#25
 Isophorone
 Concen: 0.007 ng
 RT: 9.15 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BM024665.D
 Acq: 30 Jan 2020 19:09

Tgt Ion: 82 Resp: 144
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.7 10.1#
 138 0.0 14.7 22.1#





#31

Naphthalene

Concen: 0.129 ng

RT: 10.24 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

Instrument :

BNA_M

ClientSampleId :

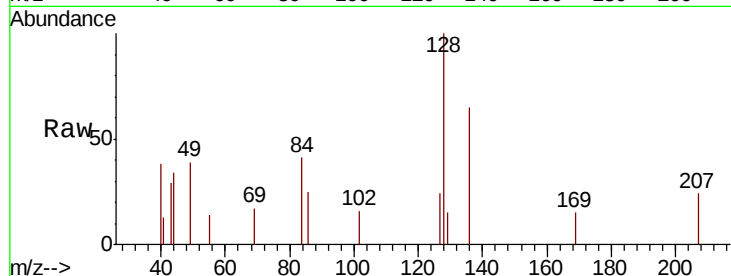
Tot Ion:128 Resp: 3912

Ion Ratio Lower Upper

128 100

129 15.3 8.8 13.2#

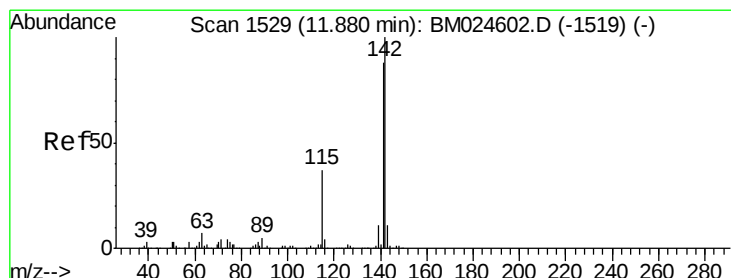
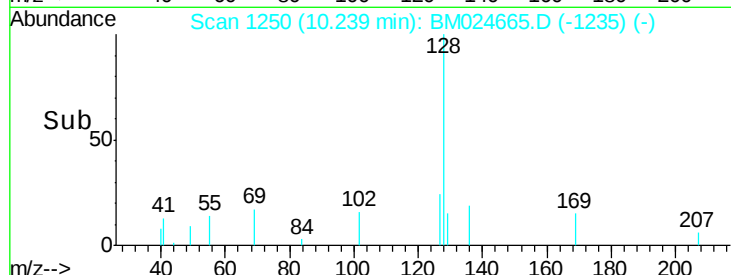
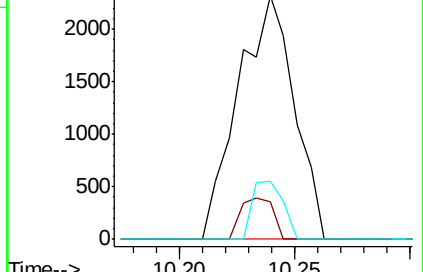
127 23.7 10.6 15.8#



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



#37

2-Methylnaphthalene

Concen: 0.073 ng

RT: 11.86 min Scan# 1526

Delta R.T. -0.02 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

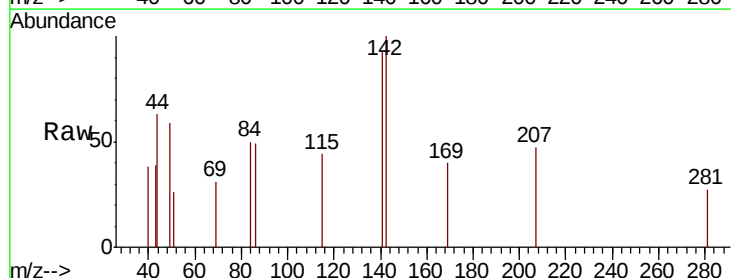
Tgt Ion:142 Resp: 1703

Ion Ratio Lower Upper

142 100

141 92.5 70.2 105.2

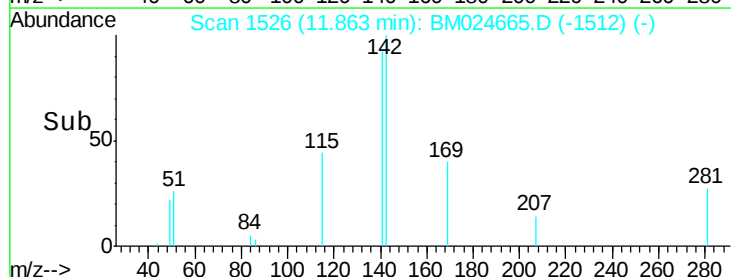
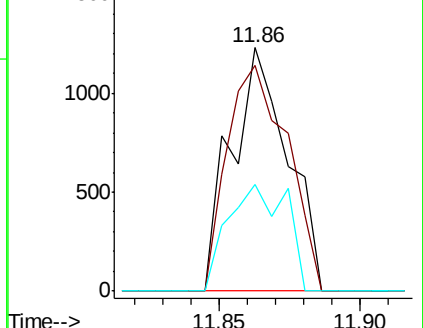
115 43.6 29.7 44.5

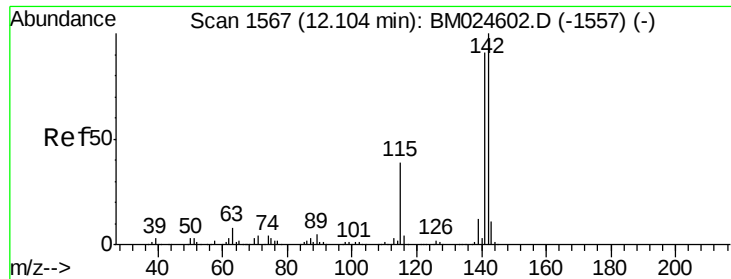


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

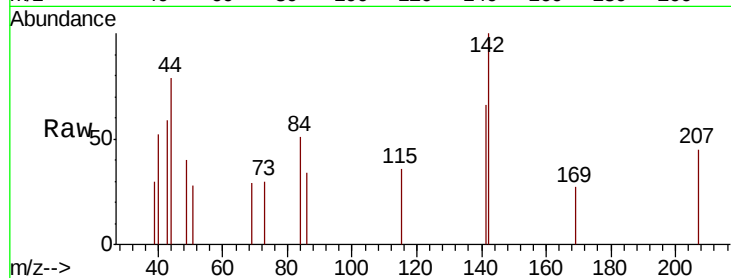




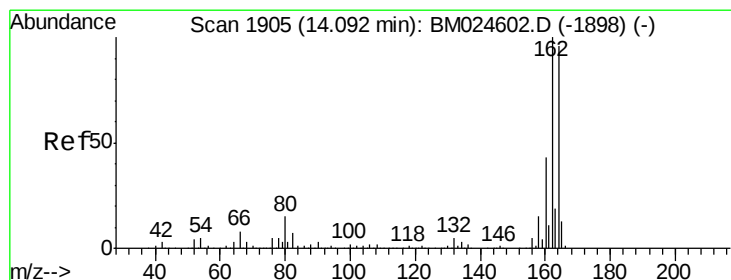
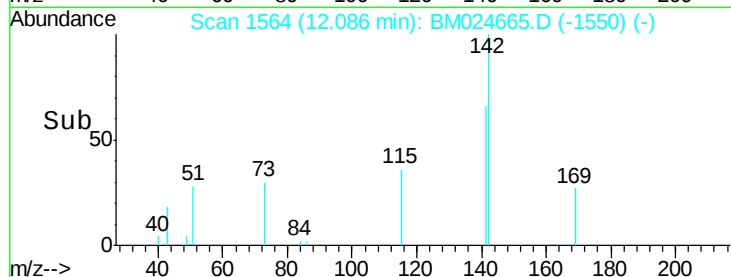
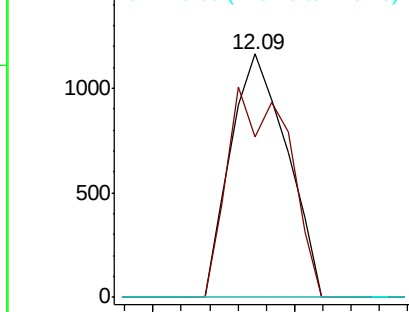
#38
1-Methylnaphthalene
Concen: 0.072 ng
RT: 12.09 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BM024665.D
Acq: 30 Jan 2020 19:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion:142 Resp: 1613
Ion Ratio Lower Upper
142 100
141 66.2 72.8 109.2#
116 0.0 3.2 4.8#

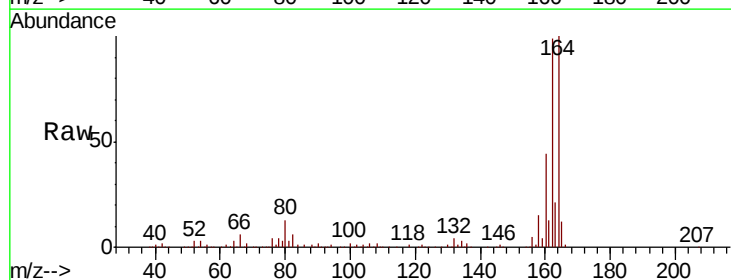


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

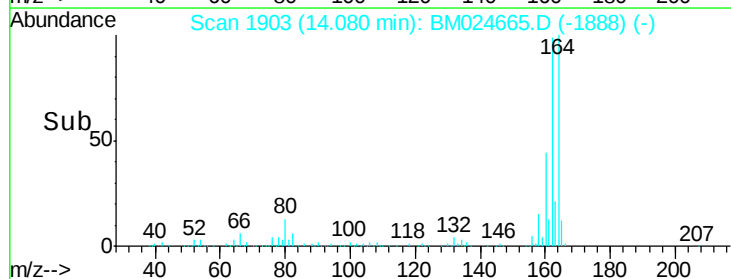
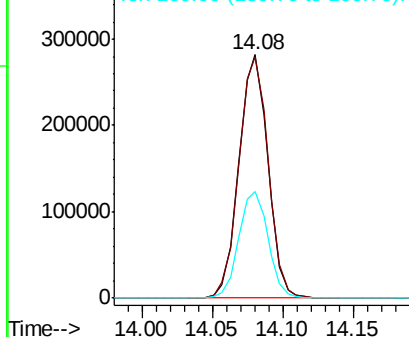


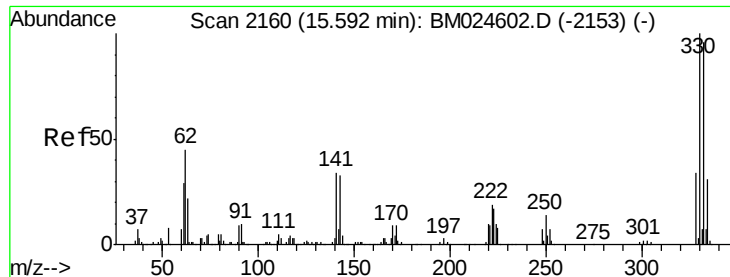
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.08 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM024665.D
Acq: 30 Jan 2020 19:09

Tgt Ion:164 Resp: 403638
Ion Ratio Lower Upper
164 100
162 99.2 82.9 124.3
160 43.7 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

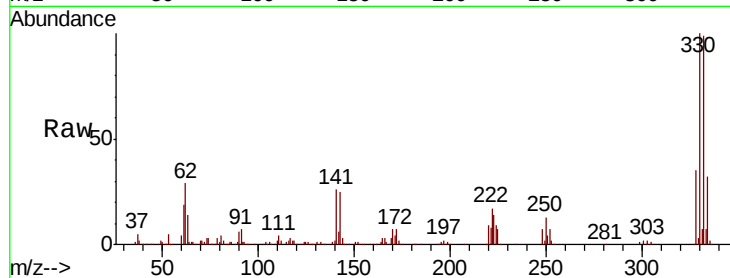




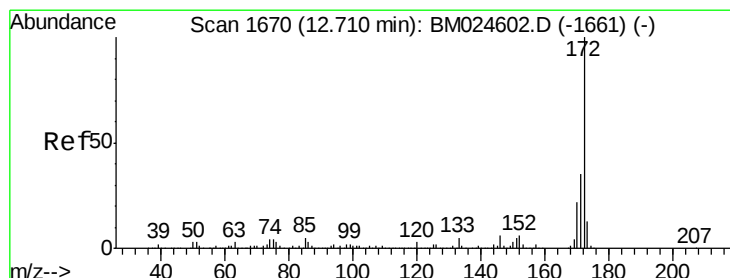
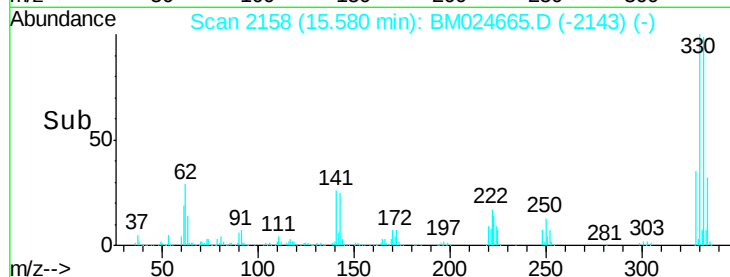
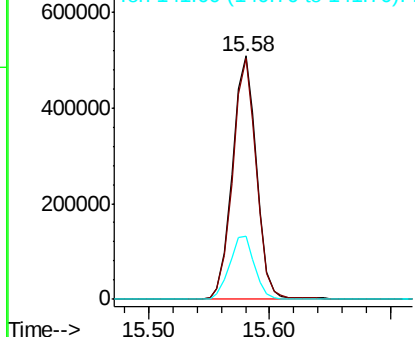
#42
 2,4,6-Tribromophenol
 Concen: 108.086 ng
 RT: 15.58 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BM024665.D
 Acq: 30 Jan 2020 19:09

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 709670
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.2 115.8
 141 26.9 26.9 40.3#

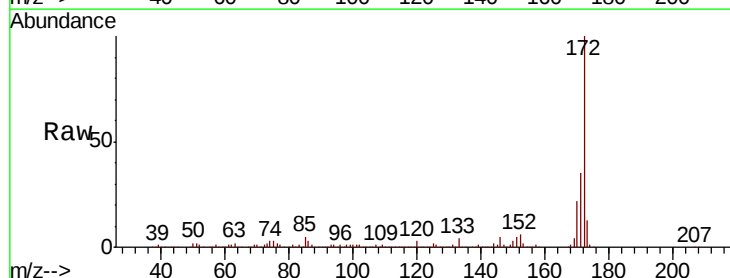


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

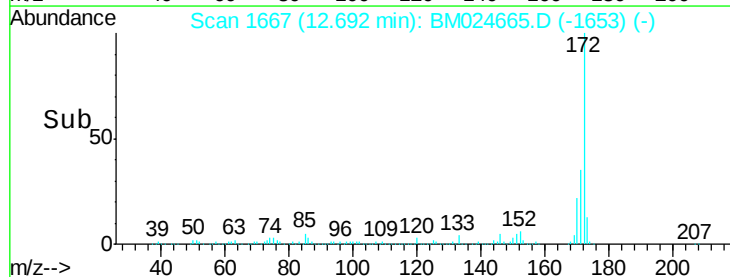
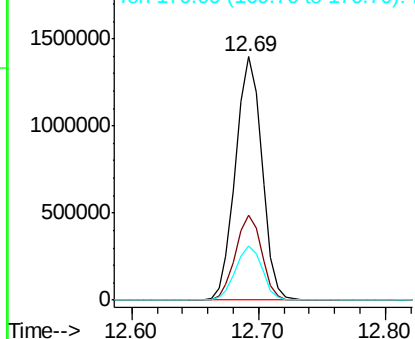


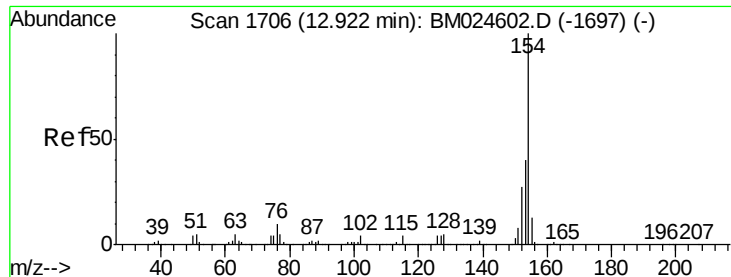
#45
 2-Fluorobiphenyl
 Concen: 67.869 ng
 RT: 12.69 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BM024665.D
 Acq: 30 Jan 2020 19:09

Tgt Ion:172 Resp: 2015025
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.3 42.5
 170 22.2 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

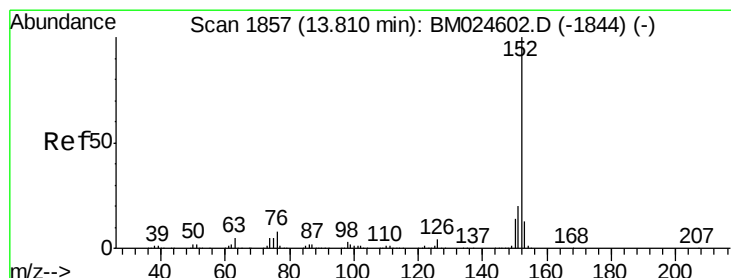
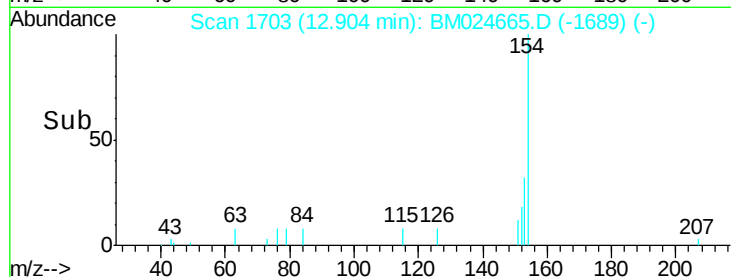
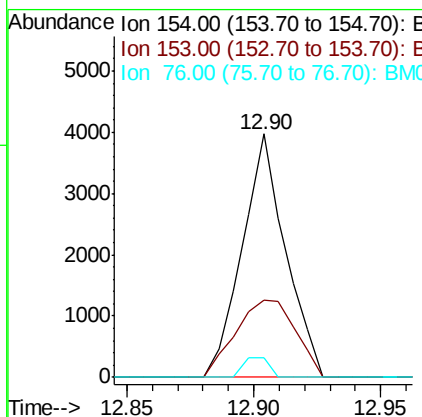
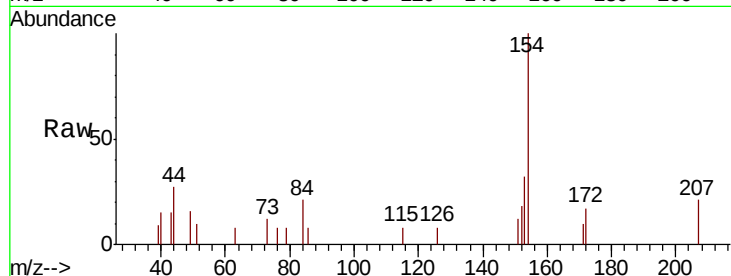




#46
 1,1'-Biphenyl
 Concen: 0.155 ng
 RT: 12.90 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM024665.D
 Acq: 30 Jan 2020 19:09

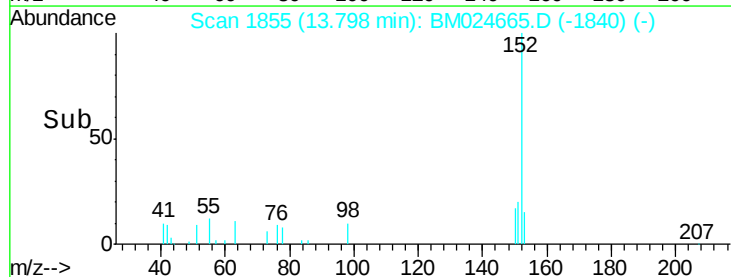
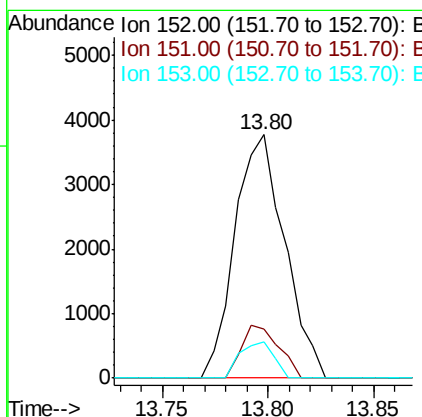
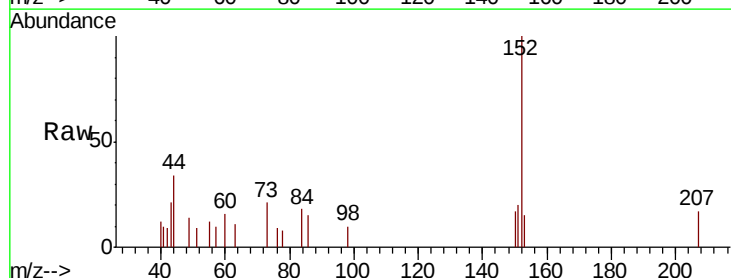
Instrument :
 BNA_M
 ClientSampled :

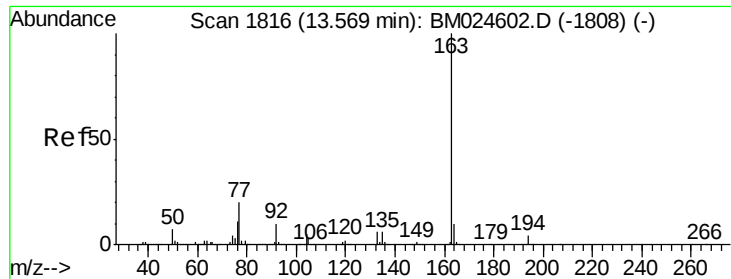
Tot Ion:154 Resp: 4732
 Ion Ratio Lower Upper
 154 100
 153 32.0 20.3 60.3
 76 8.3 0.0 30.5



#49
 Acenaphthylene
 Concen: 0.167 ng
 RT: 13.80 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BM024665.D
 Acq: 30 Jan 2020 19:09

Tgt Ion:152 Resp: 6154
 Ion Ratio Lower Upper
 152 100
 151 20.2 15.8 23.6
 153 15.1 10.4 15.6





#50

Dimethylphthalate

Concen: 2.735 ng

RT: 13.55 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

Instrument :

BNA_M

ClientSampleId :

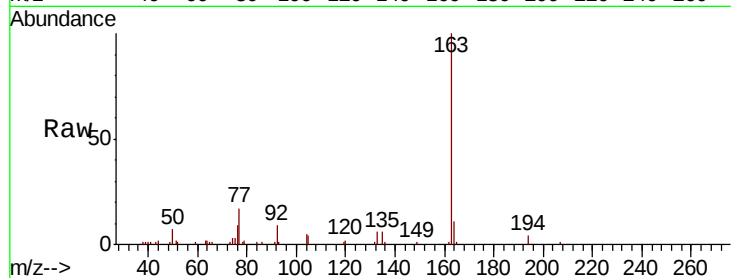
Tot Ion:163 Resp: 89273

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

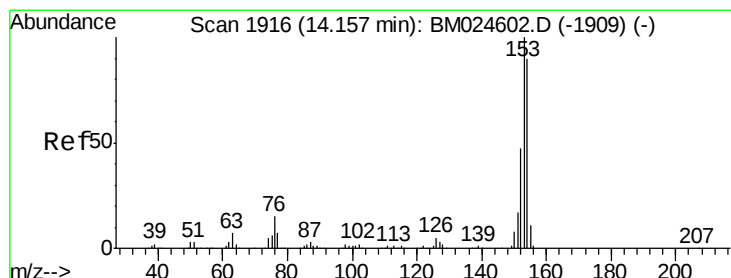
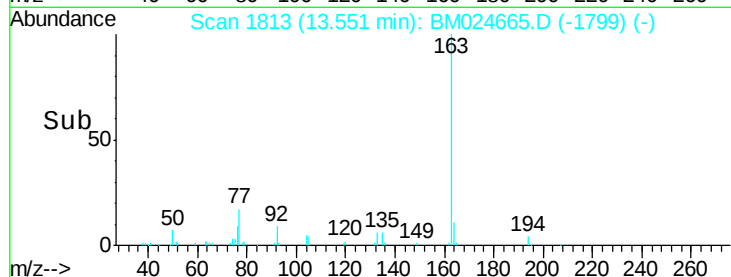
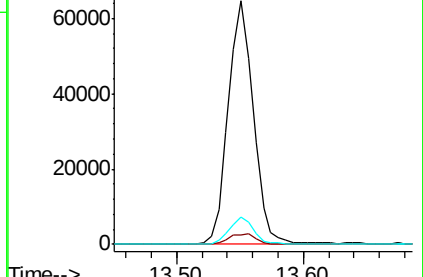
164 11.3 8.0 12.0



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: 0.208 ng

RT: 14.14 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

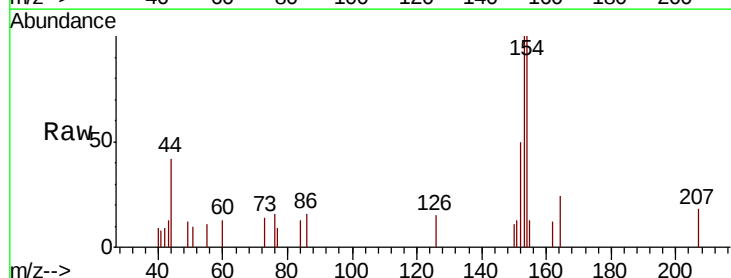
Tgt Ion:154 Resp: 4755

Ion Ratio Lower Upper

154 100

153 100.0 89.1 133.7

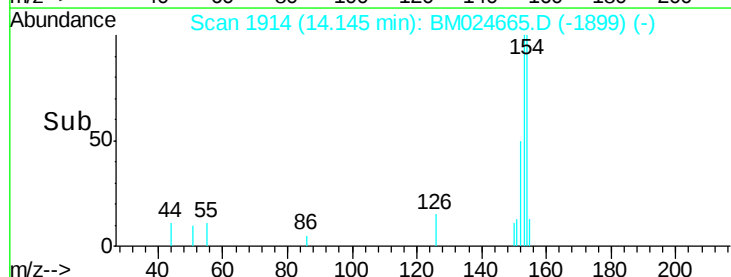
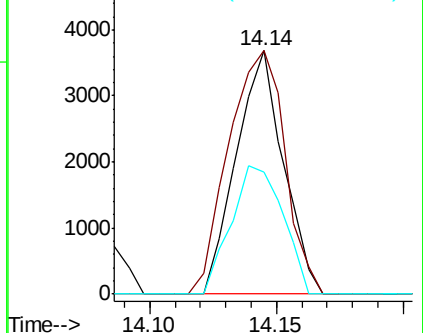
152 50.0 41.9 62.9

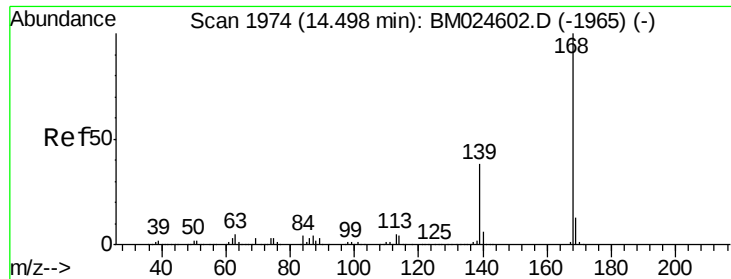


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

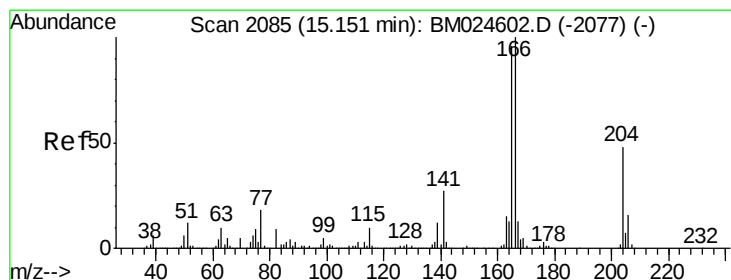
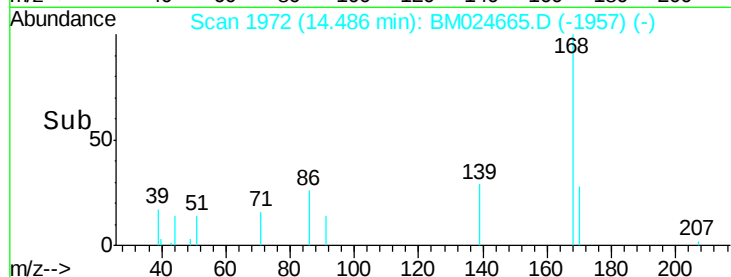
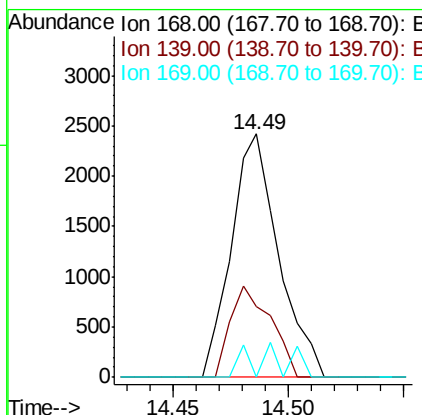
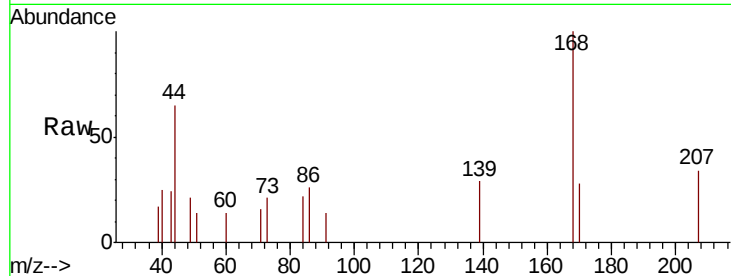




#55
Dibenzofuran
Concen: 0.092 ng
RT: 14.49 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BM024665.D
Acq: 30 Jan 2020 19:09

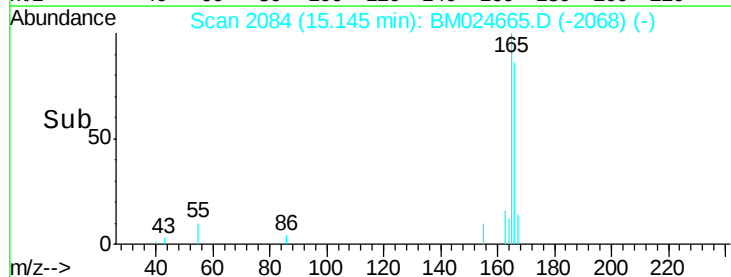
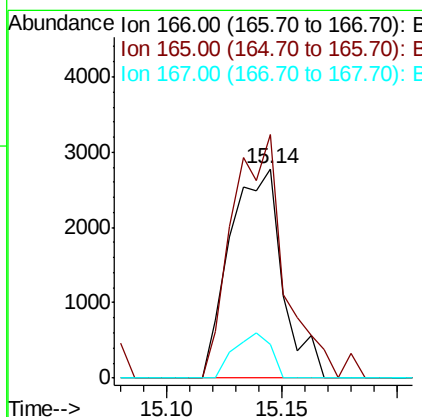
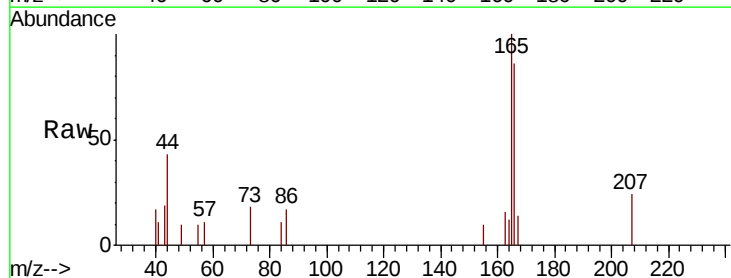
Instrument :
BNA_M
ClientSampleId :

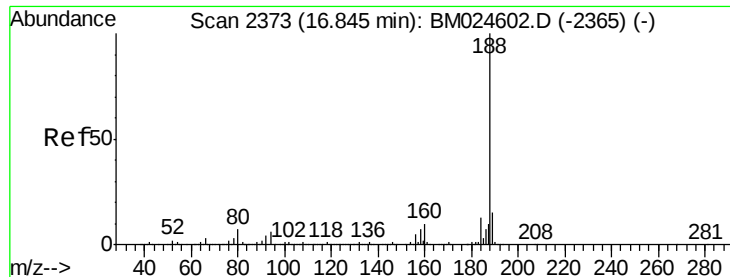
Tot Ion:168 Resp: 3440
Ion Ratio Lower Upper
168 100
139 29.1 30.2 45.4#
169 0.0 10.7 16.1#



#58
Fluorene
Concen: 0.140 ng
RT: 15.14 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BM024665.D
Acq: 30 Jan 2020 19:09

Tgt Ion:166 Resp: 4411
Ion Ratio Lower Upper
166 100
165 116.2 76.6 114.8#
167 16.0 10.8 16.2

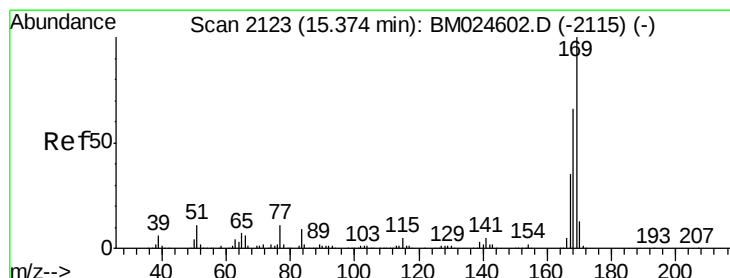
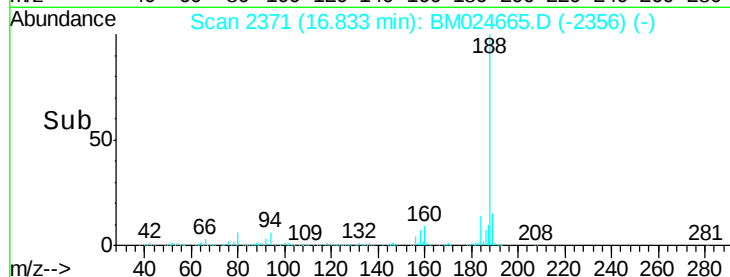
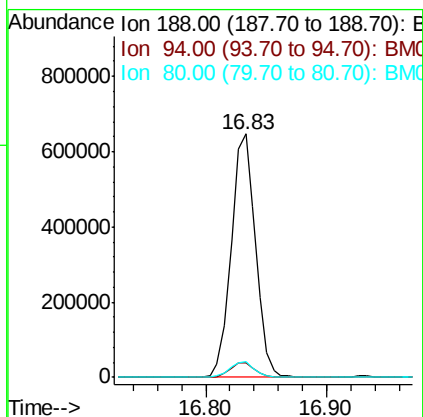
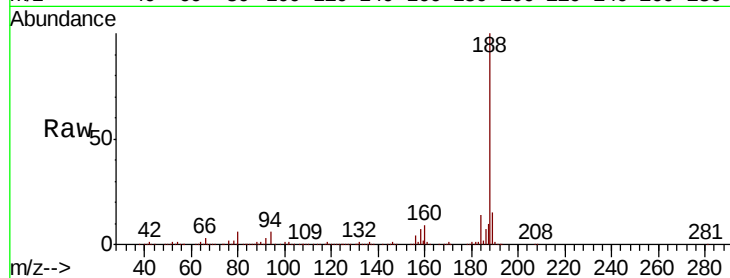




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM024665.D
Acq: 30 Jan 2020 19:09

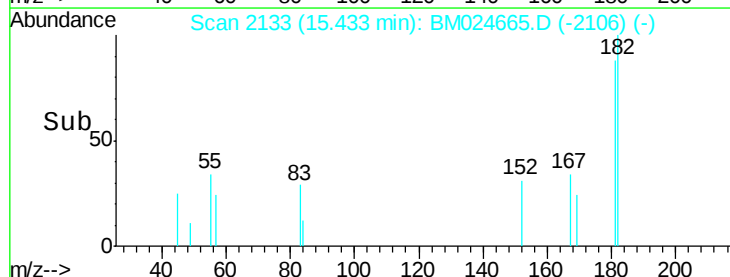
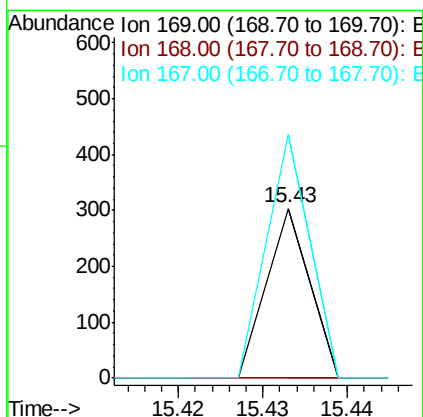
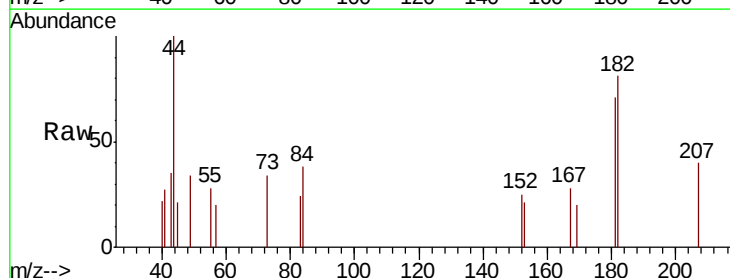
Instrument :
BNA_M
ClientSampleId :

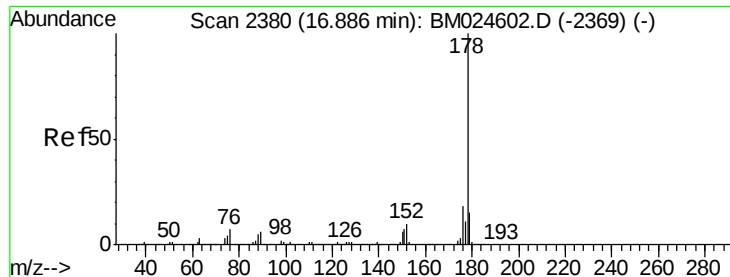
Tot Ion:188 Resp: 907697
Ion Ratio Lower Upper
188 100
94 5.9 5.0 7.6
80 6.5 5.8 8.8



#66
n-Nitrosodiphenylamine
Concen: 0.004 ng
RT: 15.43 min Scan# 2133
Delta R.T. 0.06 min
Lab File: BM024665.D
Acq: 30 Jan 2020 19:09

Tgt Ion:169 Resp: 107
Ion Ratio Lower Upper
169 100
168 0.0 52.8 79.2#
167 143.4 28.2 42.2#

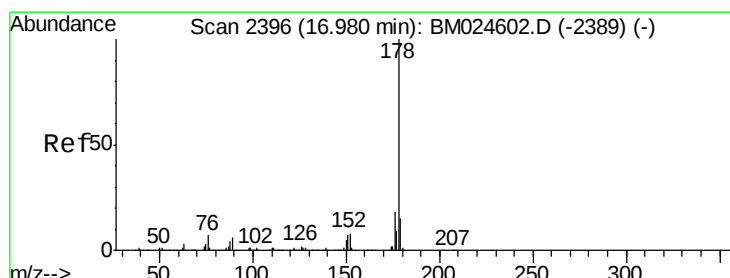
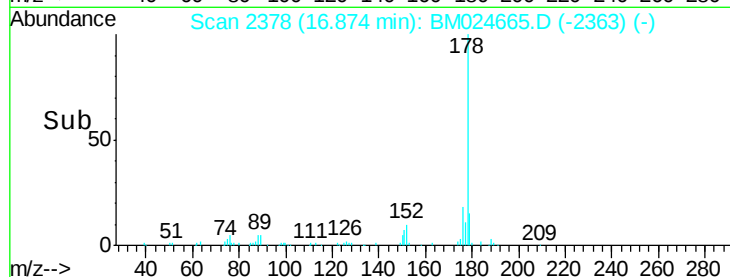
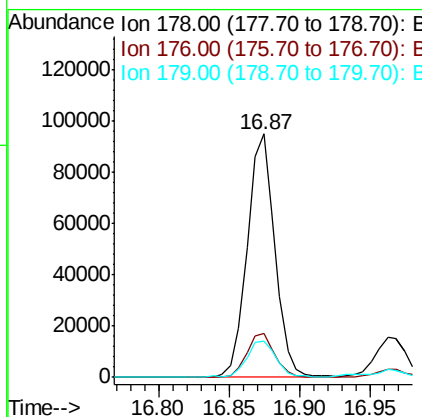
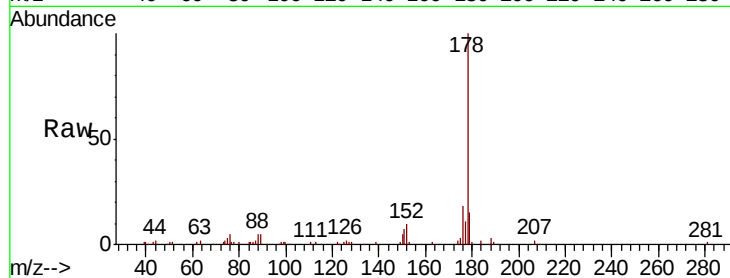




#71
Phenanthrene
Concen: 2.653 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM024665.D
Acq: 30 Jan 2020 19:09

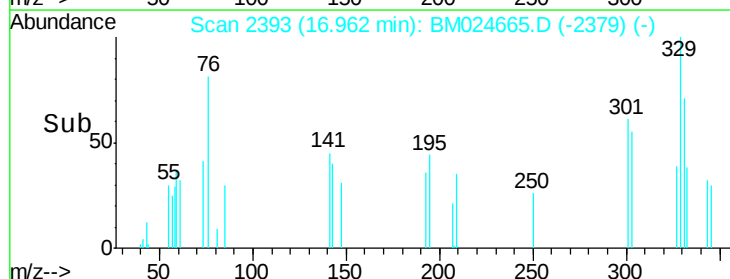
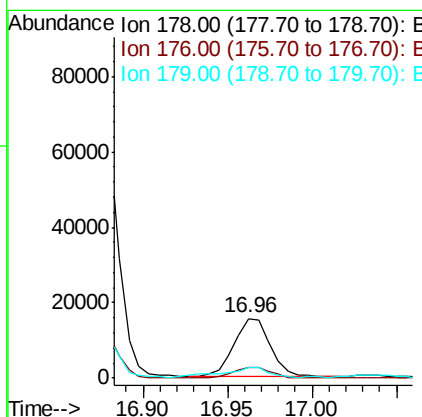
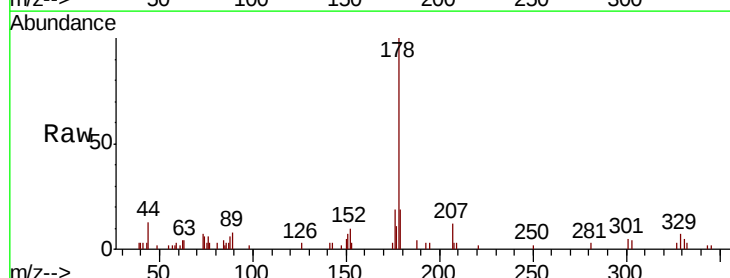
Instrument :
BNA_M
ClientSampleId :

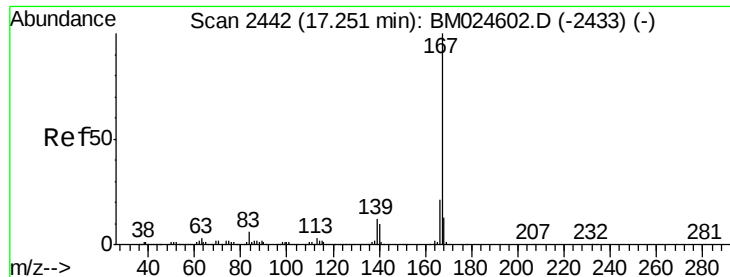
Tot Ion:178 Resp: 130426
Ion Ratio Lower Upper
178 100
176 18.0 14.5 21.7
179 15.0 11.9 17.9



#72
Anthracene
Concen: 0.484 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM024665.D
Acq: 30 Jan 2020 19:09

Tgt Ion:178 Resp: 23264
Ion Ratio Lower Upper
178 100
176 18.8 14.3 21.5
179 18.7 12.1 18.1#





#73

Carbazole

Concen: 0.244 ng

RT: 17.23 min Scan# 2439

Delta R.T. -0.02 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

Instrument :

BNA_M

ClientSampleId :

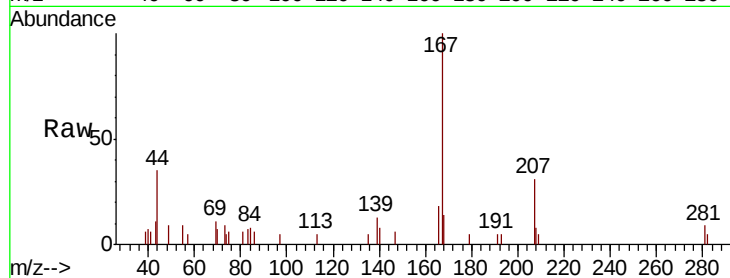
Tot Ion:167 Resp: 10667

Ion Ratio Lower Upper

167 100

166 17.8 17.1 25.7

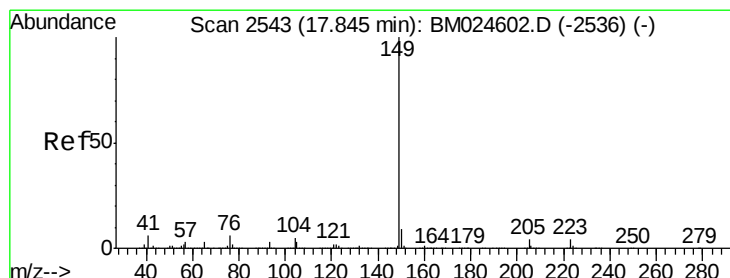
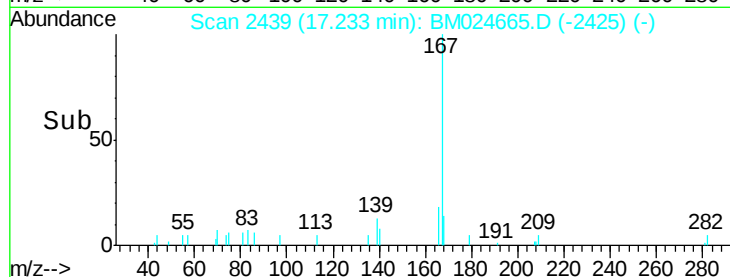
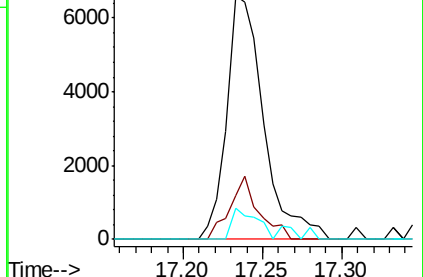
139 12.5 9.8 14.8



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: 0.256 ng

RT: 17.83 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

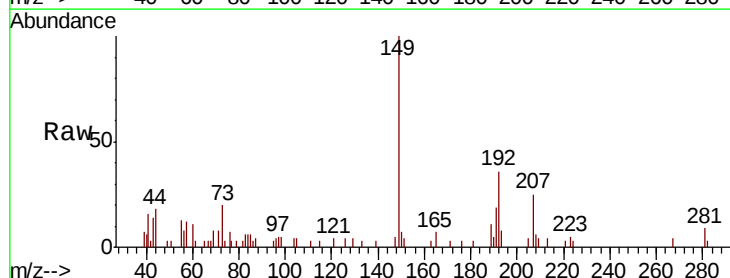
Tgt Ion:149 Resp: 14351

Ion Ratio Lower Upper

149 100

150 7.1 7.4 11.0#

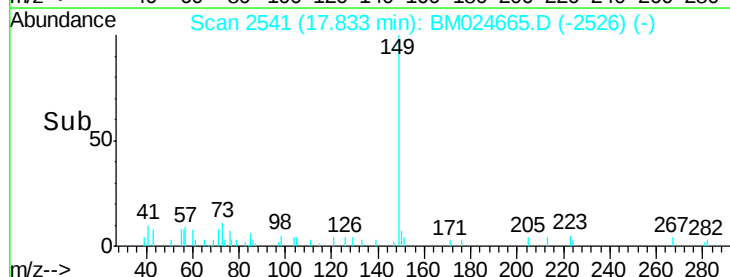
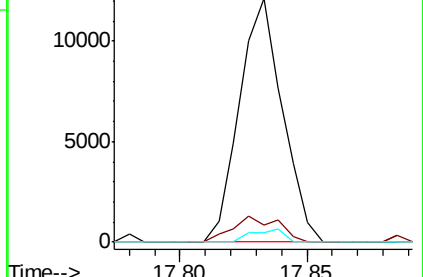
104 3.8 4.3 6.5#

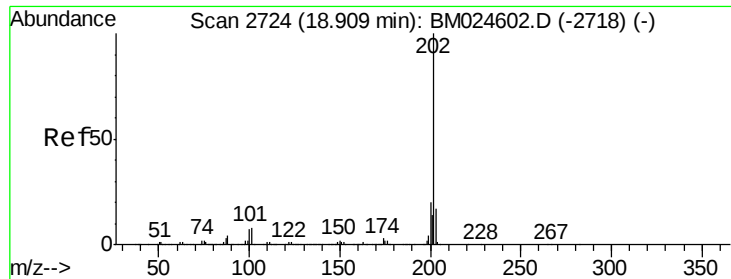


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 4.186 ng

RT: 18.90 min Scan# 2722

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

Instrument :

BNA_M

ClientSampleId :

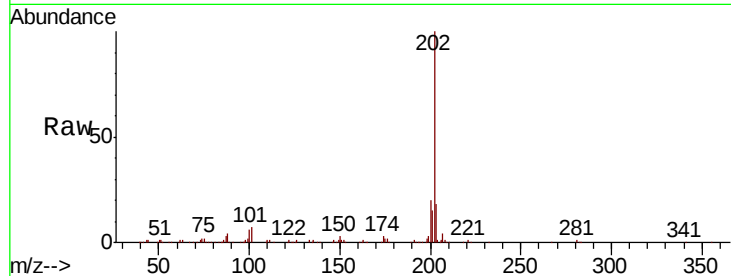
Tot Ion:202 Resp: 256824

Ion Ratio Lower Upper

202 100

101 7.2 0.0 28.4

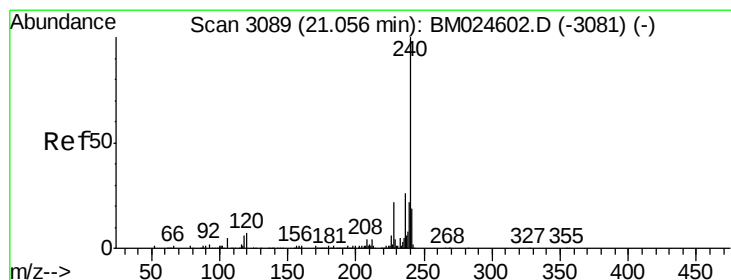
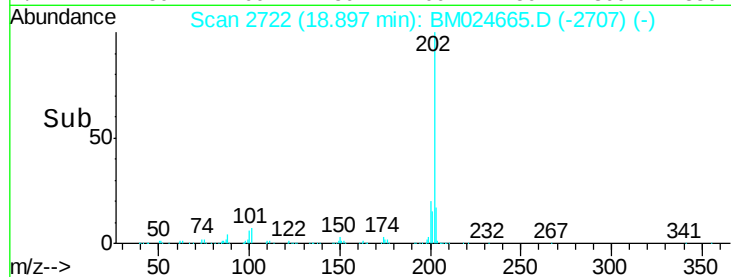
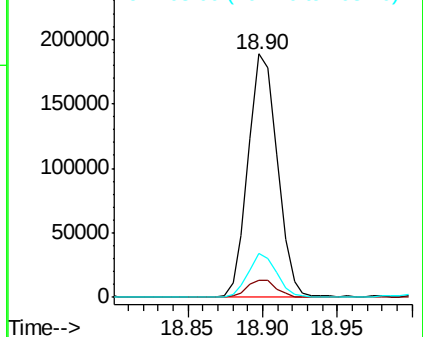
203 17.8 0.0 37.5



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# 3087

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

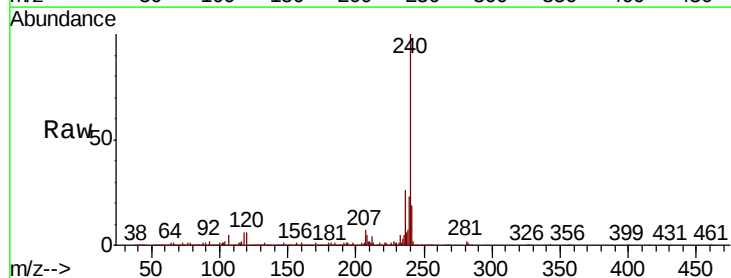
Tgt Ion:240 Resp: 1116723

Ion Ratio Lower Upper

240 100

120 6.2 5.3 7.9

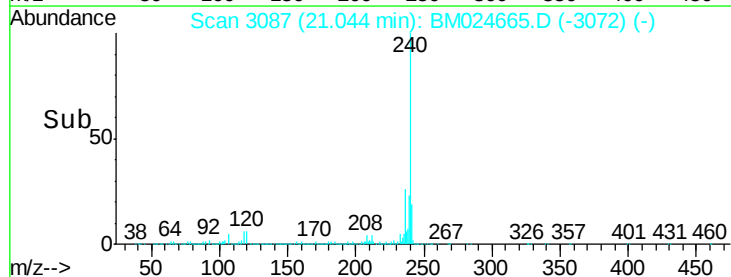
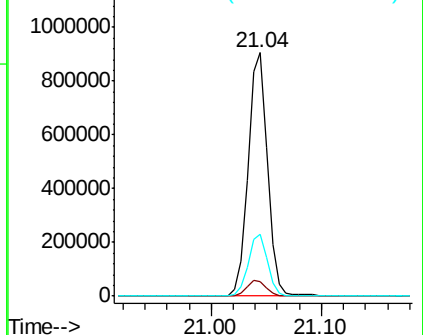
236 25.5 20.6 31.0

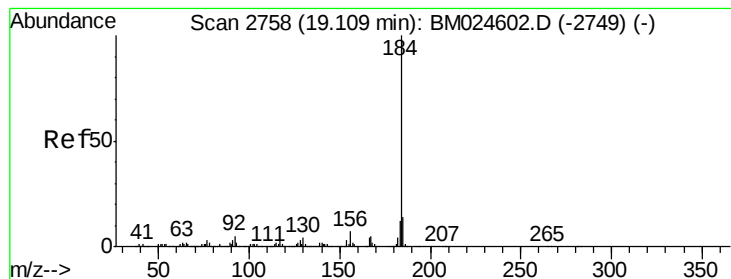


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.005 ng

RT: 19.13 min Scan# 2761

Delta R.T. 0.02 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

Instrument :

BNA_M

ClientSampleId :

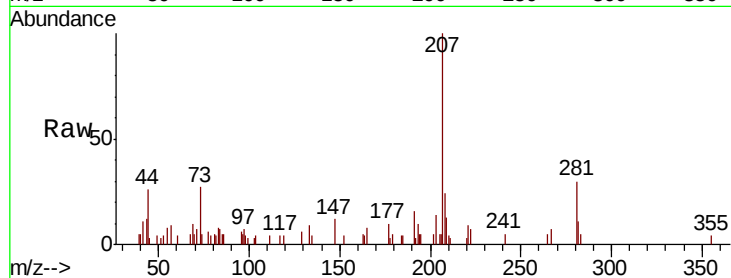
Tot Ion:184 Resp: 120

Ion Ratio Lower Upper

184 100

185 124.0 11.3 16.9#

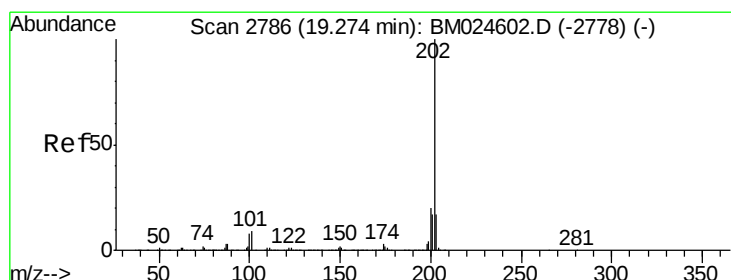
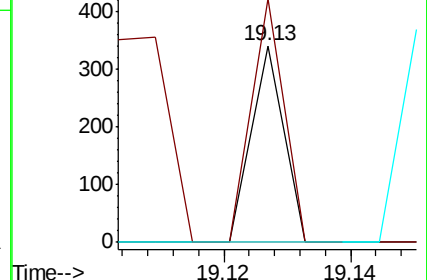
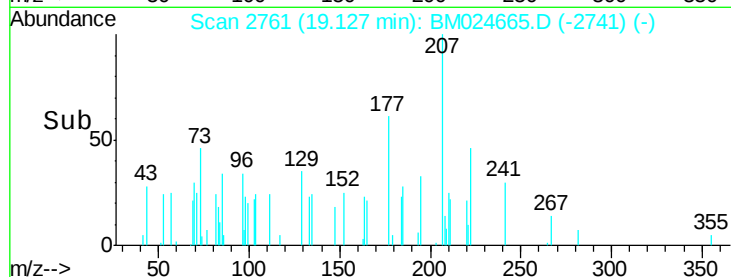
183 0.0 9.6 14.4#



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: 3.471 ng

RT: 19.26 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

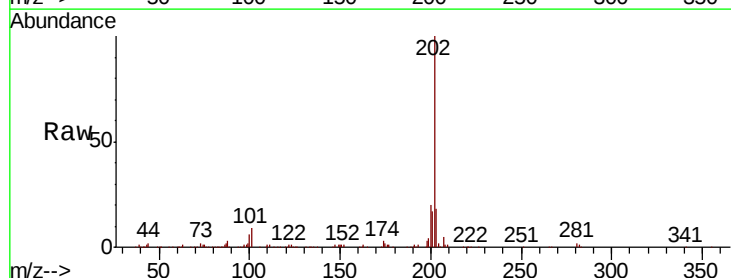
Tgt Ion:202 Resp: 255538

Ion Ratio Lower Upper

202 100

200 19.8 16.2 24.2

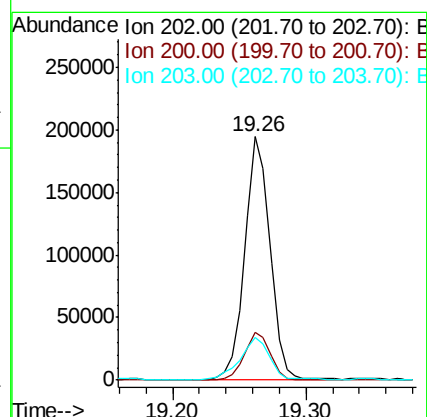
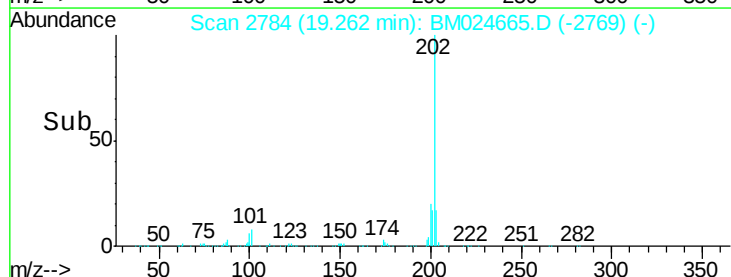
203 17.5 14.0 21.0

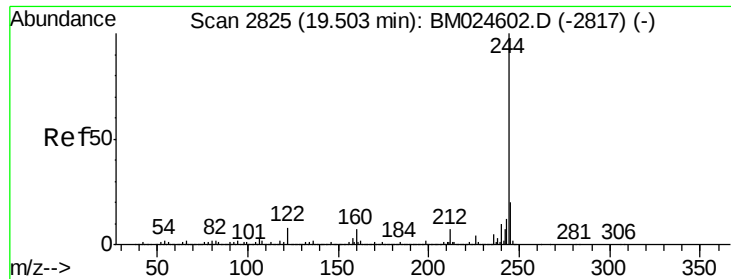


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.342 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

Instrument :

BNA_M

ClientSampleId :

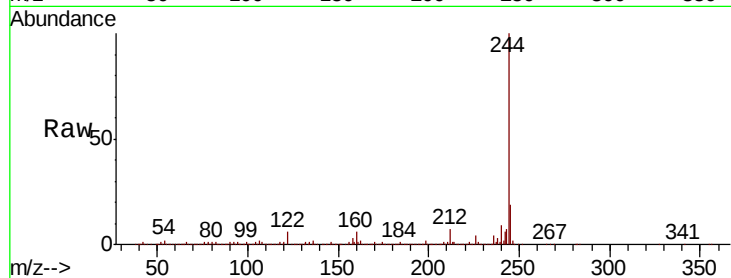
Tot Ion:244 Resp: 3669272

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

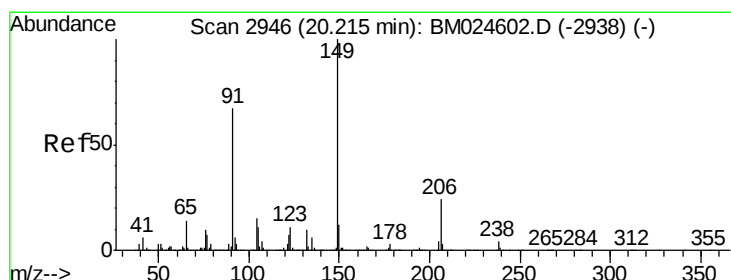
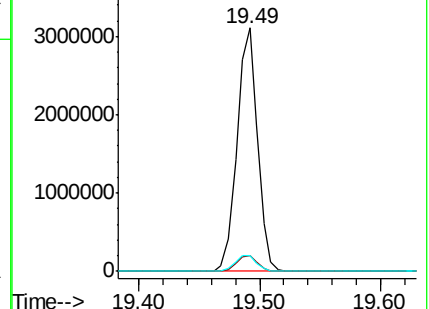
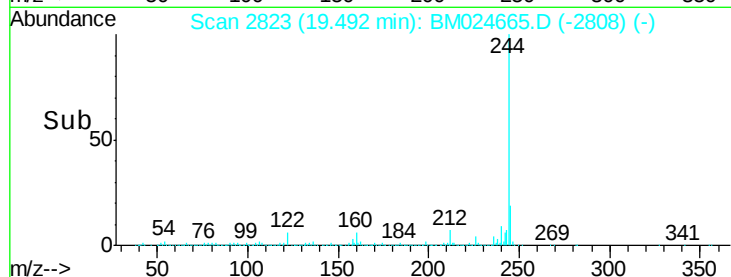
122 6.4 6.2 9.4



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: 0.087 ng

RT: 20.20 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

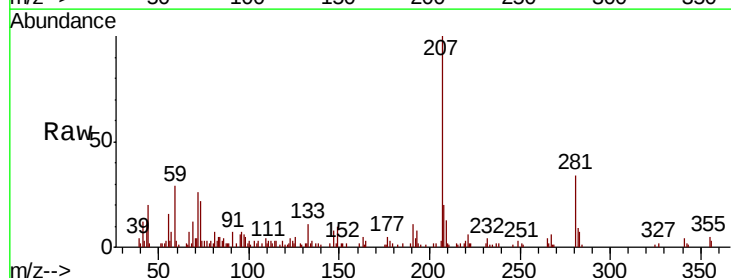
Tgt Ion:149 Resp: 2674

Ion Ratio Lower Upper

149 100

91 64.9 53.9 80.9

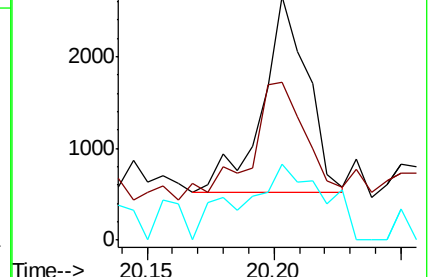
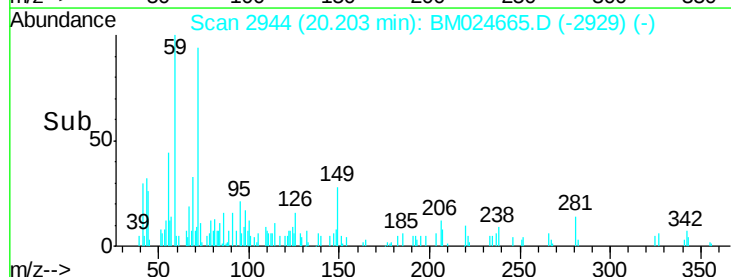
206 31.4 19.0 28.6#

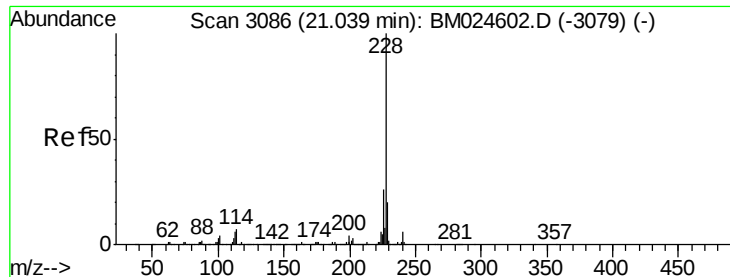


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 2.067 ng

RT: 21.03 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

Instrument :

BNA_M

ClientSampleId :

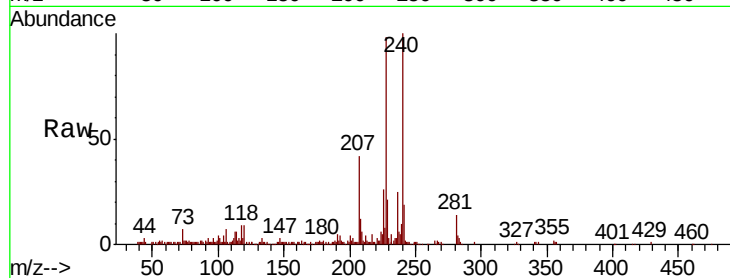
Tot Ion:228 Resp: 160230

Ion Ratio Lower Upper

228 100

226 26.2 21.1 31.7

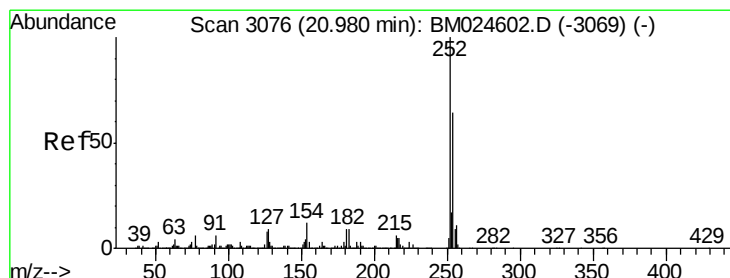
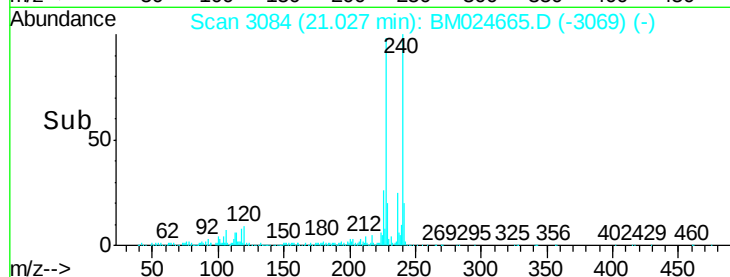
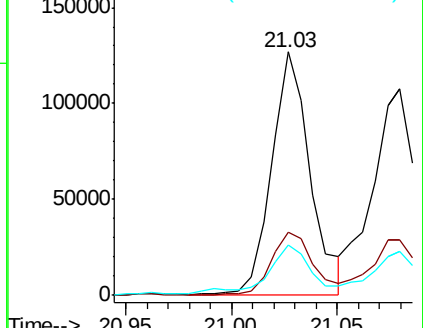
229 20.9 15.8 23.6



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: 0.011 ng

RT: 20.99 min Scan# 3077

Delta R.T. 0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

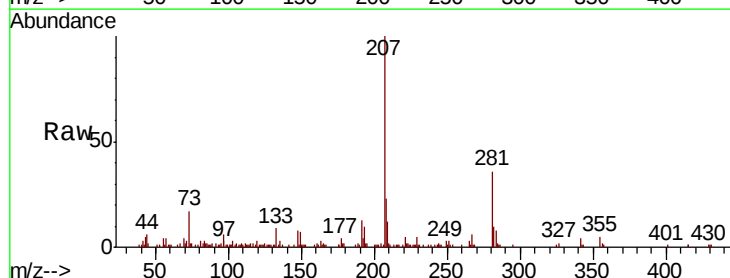
Tgt Ion:252 Resp: 319

Ion Ratio Lower Upper

252 100

254 0.0 51.5 77.3#

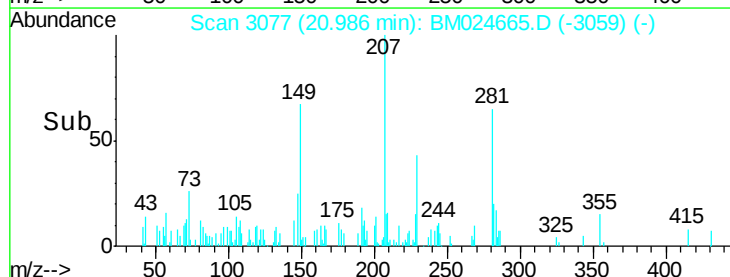
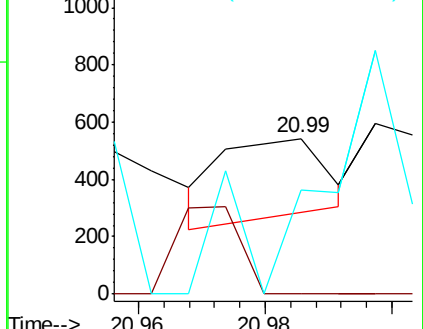
126 67.0 6.7 10.1#

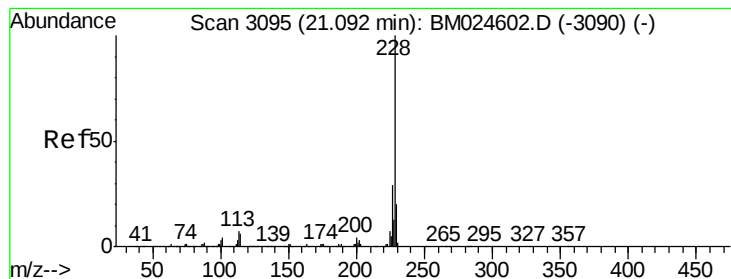


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 2.052 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

Instrument :

BNA_M

ClientSampleId :

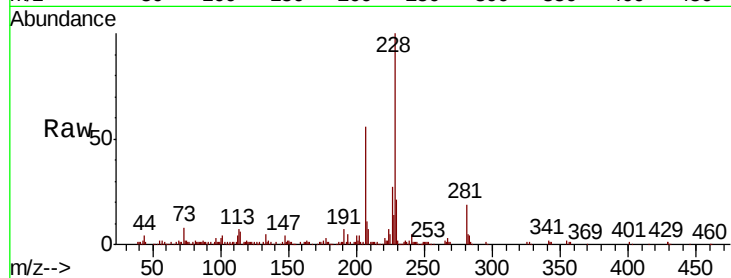
Tot Ion:228 Resp: 151772

Ion Ratio Lower Upper

228 100

226 27.0 23.2 34.8

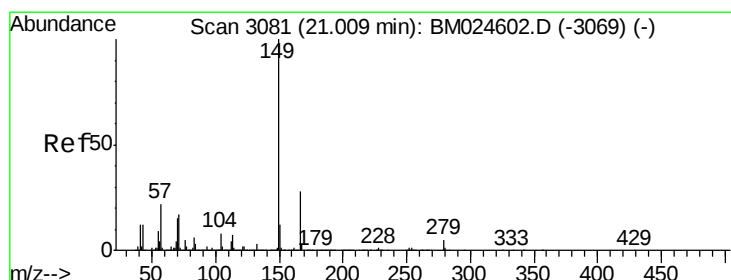
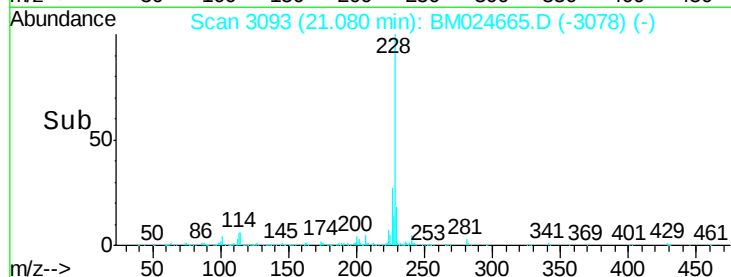
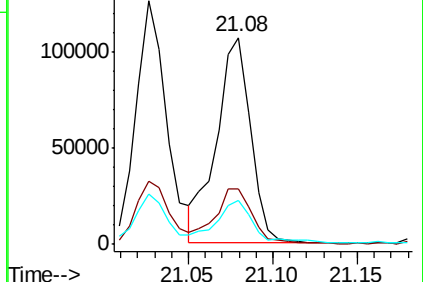
229 21.1 15.7 23.5



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: 0.798 ng

RT: 21.00 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

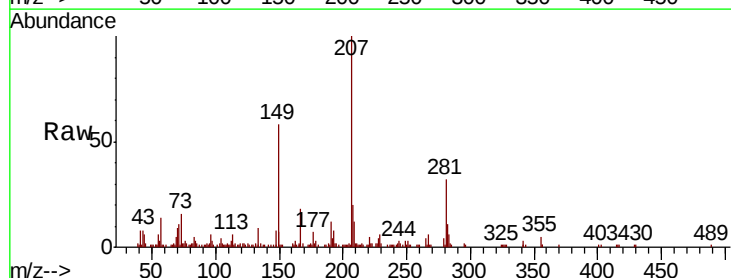
Tgt Ion:149 Resp: 36384

Ion Ratio Lower Upper

149 100

167 31.5 22.5 33.7

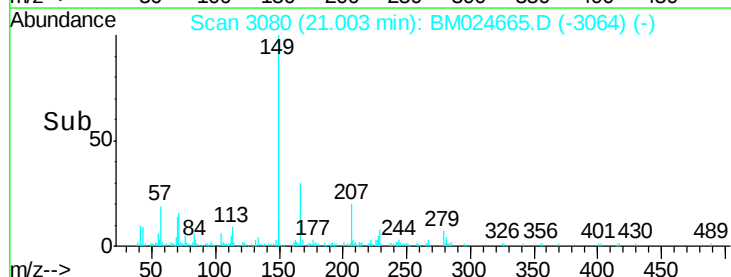
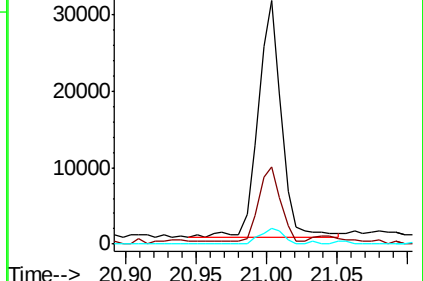
279 6.3 4.0 6.0#

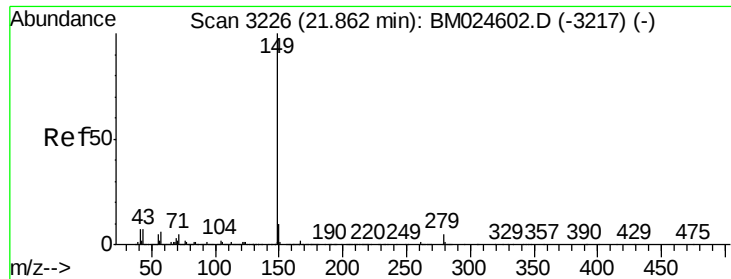


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

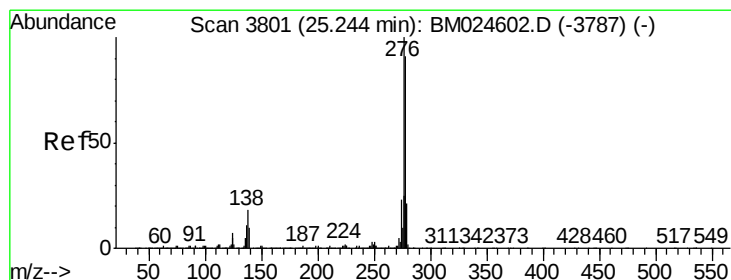
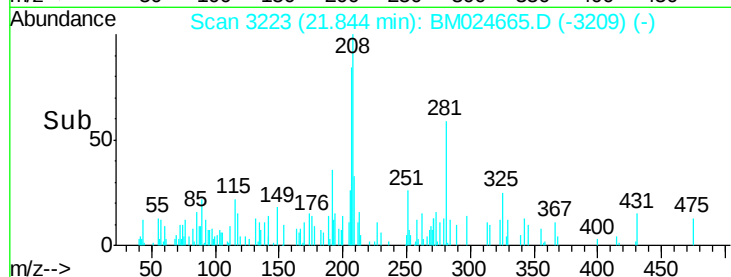
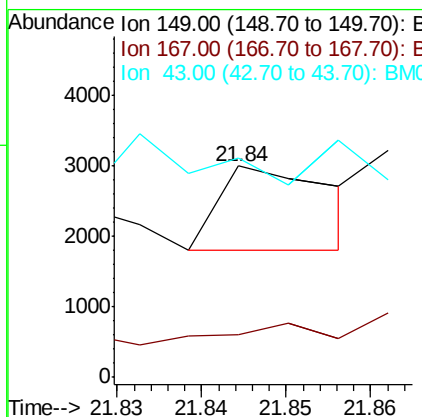
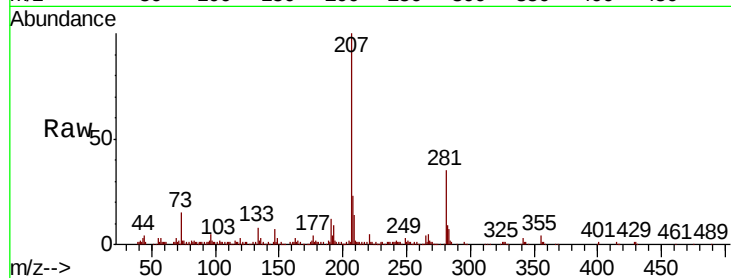




#85
 Di-n-octyl phthalate
 Concen: 0.015 ng
 RT: 21.84 min Scan# 3223
 Delta R.T. -0.02 min
 Lab File: BM024665.D
 Acq: 30 Jan 2020 19:09

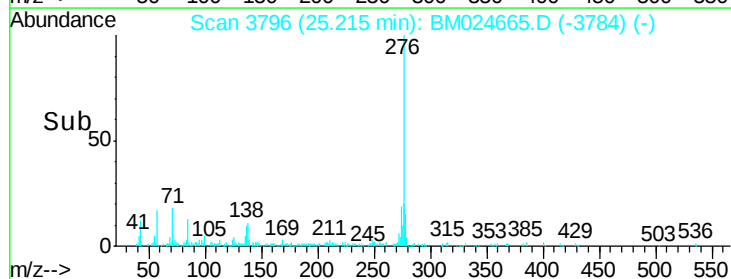
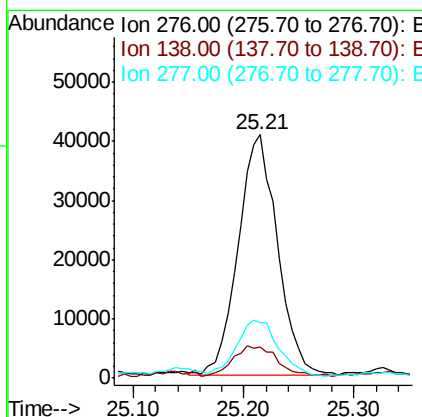
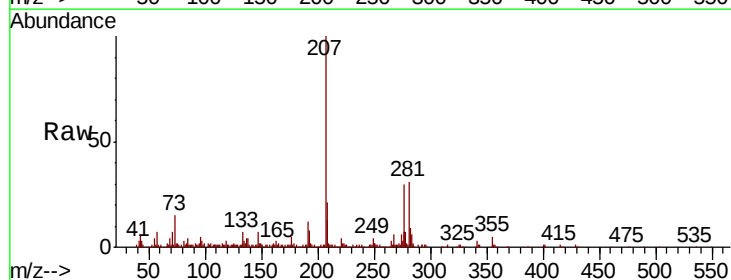
Instrument :
 BNA_M
 ClientSampled :

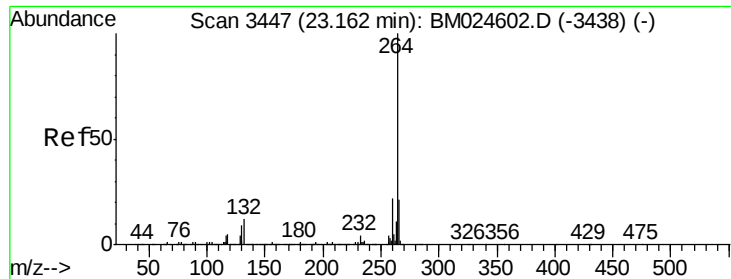
Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	92.1	5.8	8.6#



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 1.259 ng
 RT: 25.21 min Scan# 3796
 Delta R.T. -0.03 min
 Lab File: BM024665.D
 Acq: 30 Jan 2020 19:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.8	13.4	20.0
277	24.8	19.6	29.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.15 min Scan# 3445

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

Instrument :

BNA_M

ClientSampled :

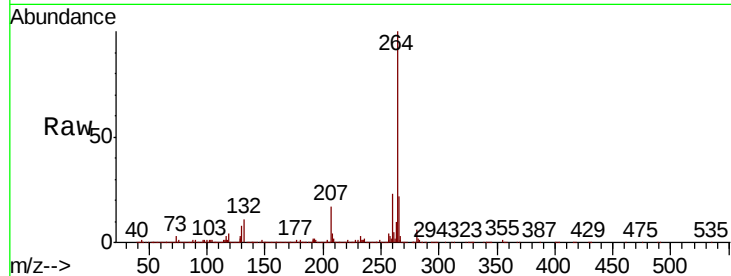
Tot Ion:264 Resp: 1347554

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.9	26.9
265	22.1	17.3	25.9

264 100

260 23.4 17.9 26.9

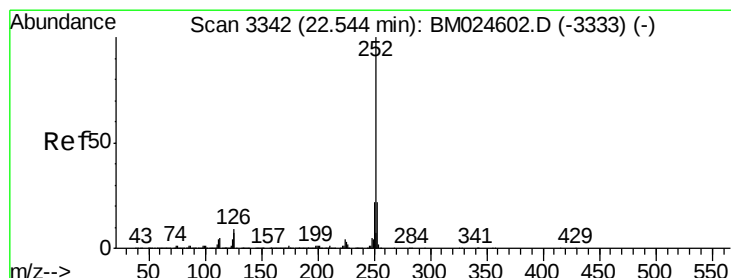
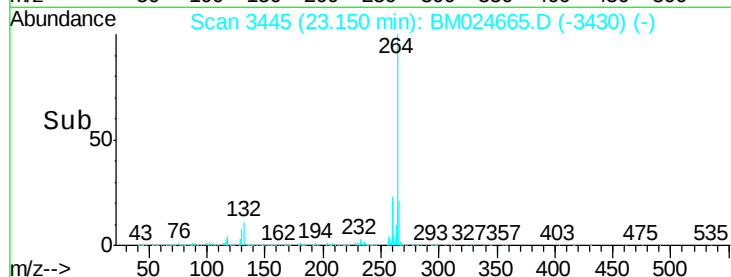
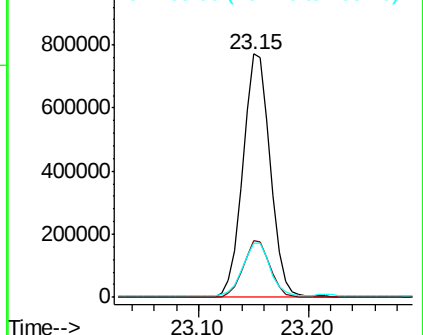
265 22.1 17.3 25.9



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: 2.349 ng

RT: 22.53 min Scan# 3340

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

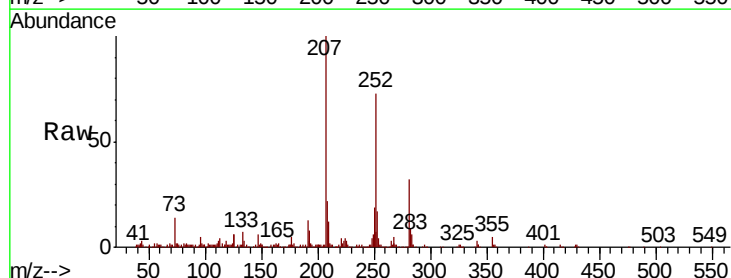
Tgt Ion:252 Resp: 205308

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	8.2	5.7	8.5

252 100

253 23.4 17.6 26.4

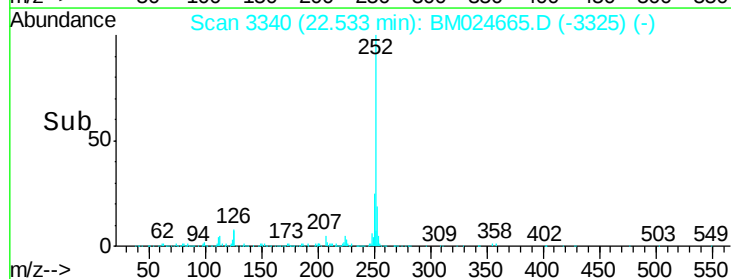
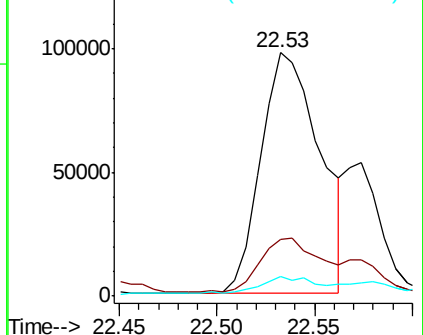
125 8.2 5.7 8.5

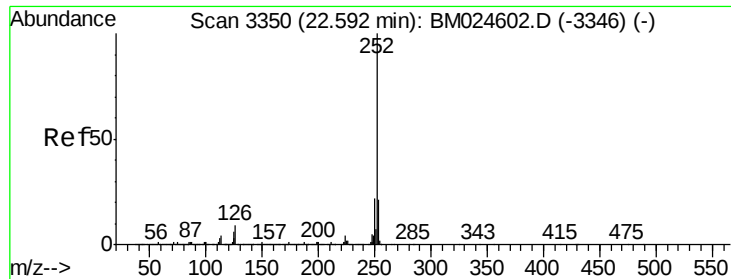


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

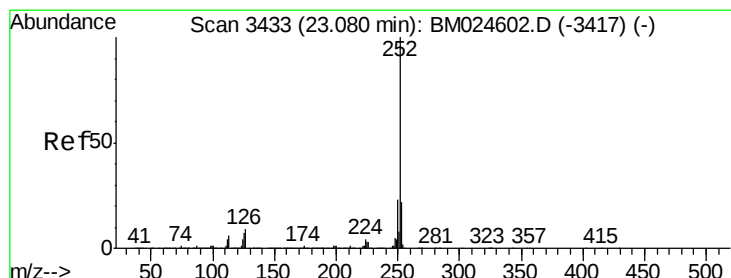
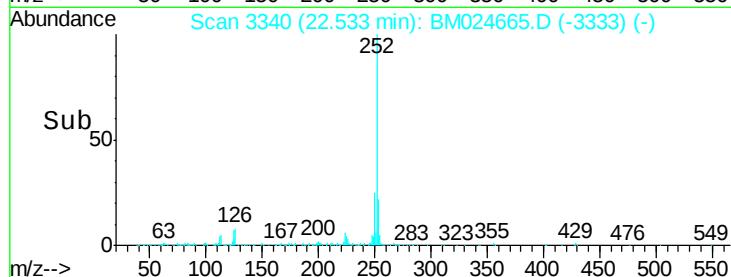
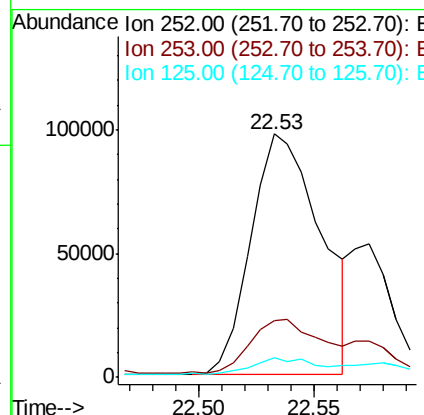
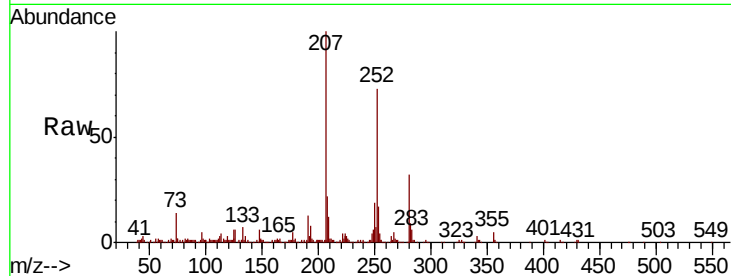




#89
Benzo(k)fluoranthene
Concen: 2.403 ng
RT: 22.53 min Scan# 3340
Delta R.T. -0.06 min
Lab File: BM024665.D
Acq: 30 Jan 2020 19:09

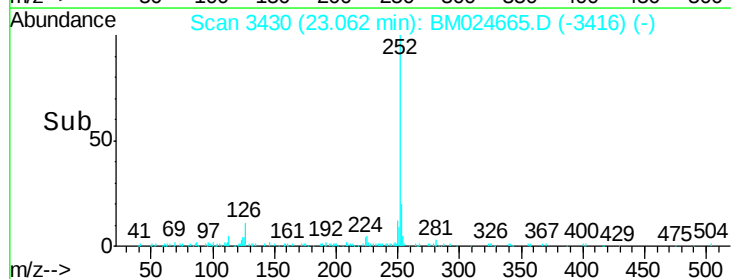
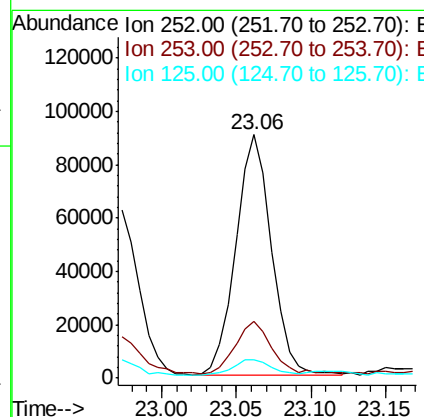
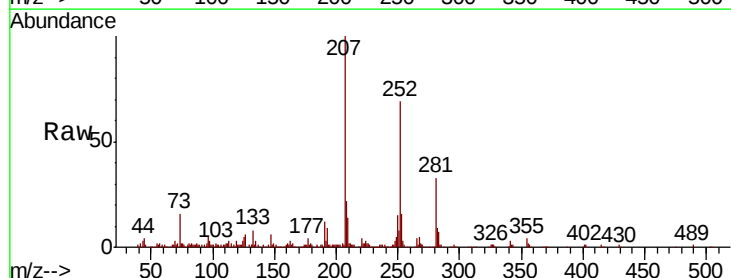
Instrument :
BNA_M
ClientSampleId :

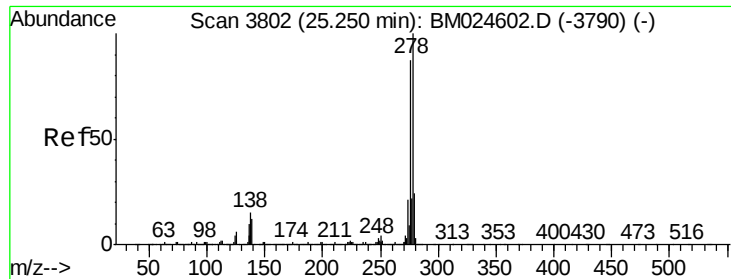
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	8.2	5.2	7.8#



#90
Benzo(a)pyrene
Concen: 1.867 ng
RT: 23.06 min Scan# 3430
Delta R.T. -0.02 min
Lab File: BM024665.D
Acq: 30 Jan 2020 19:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	7.8	5.8	8.8





#91

Dibenzo(a,h)anthracene

Concen: 0.360 ng

RT: 25.23 min Scan# 3799

Delta R.T. -0.02 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

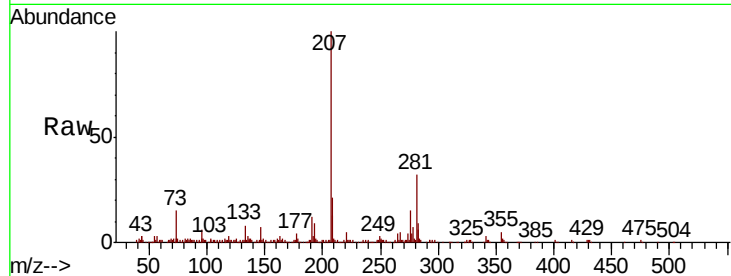
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 27168

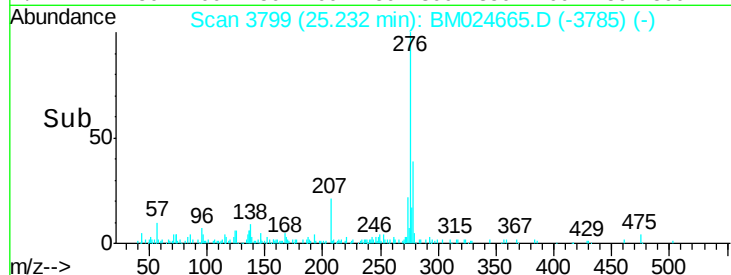
Ion	Ratio	Lower	Upper
278	100		
139	13.8	9.3	13.9
279	21.9	18.9	28.3



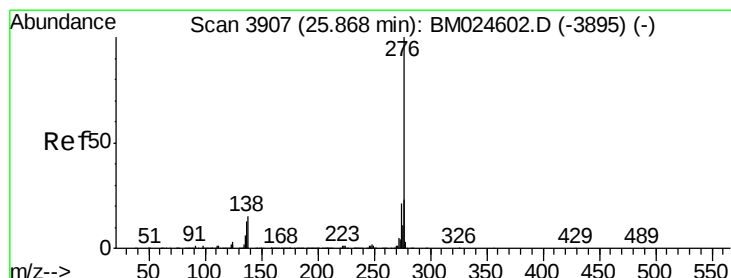
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 1.484 ng

RT: 25.84 min Scan# 3903

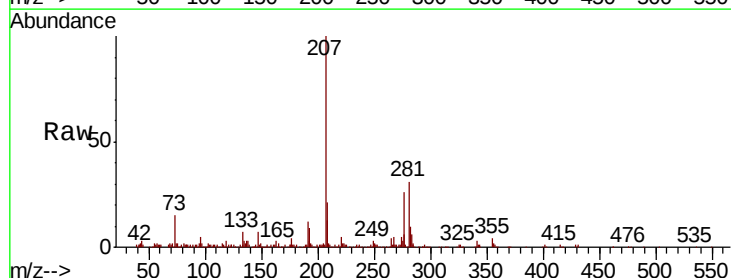
Delta R.T. -0.02 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

Tgt Ion:276 Resp: 101615

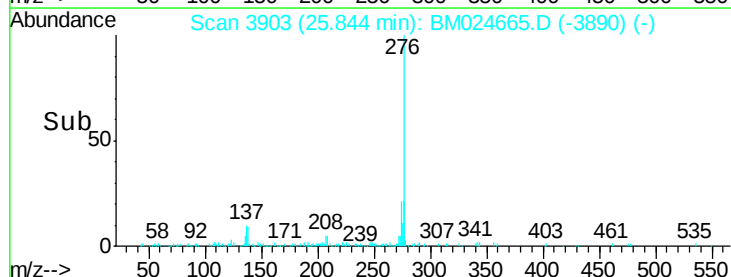
Ion	Ratio	Lower	Upper
276	100		
277	21.5	18.6	28.0
138	10.6	11.9	17.9



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



Time-->