

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024666.D
 Acq On : 30 Jan 2020 19:44
 Operator : CG/JU
 Sample : L1318-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 30 23:24:14 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	167408	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	597284	20.00	ng	-0.02
39) Acenaphthene-d10	14.08	164	399289	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	917073	20.00	ng	-0.01
76) Chrysene-d12	21.04	240	1120708	20.00	ng	-0.02
87) Perylene-d12	23.15	264	1334104	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	902727	102.55	ng	-0.01
7) Phenol-d6	6.63	99	1132594	93.40	ng	-0.02
23) Nitrobenzene-d5	8.57	82	747203	61.35	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	677042	104.24	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	1904167	64.83	ng	-0.02
79) Terphenyl-d14	19.49	244	3625789	60.40	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.06	88	1065	0.306	ng	# 31
3) Pyridine	3.44	79	971	0.096	ng	# 1
4) n-Nitrosodimethylamine	3.37	42	248	0.055	ng	# 1
9) Benzaldehyde	6.63	77	2808	0.392	ng	# 4
10) Phenol	6.65	94	7408	0.613	ng	# 59
22) Acetophenone	8.25	105	367	0.024	ng	# 23
24) Nitrobenzene	8.56	77	2882	0.247	ng	# 38
25) Isophorone	9.19	82	439	0.021	ng	# 64
31) Naphthalene	10.23	128	2598	0.086	ng	# 68
37) 2-Methylnaphthalene	11.87	142	993	0.043	ng	# 66
38) 1-Methylnaphthalene	12.09	142	1112	0.050	ng	# 90
46) 1,1'-Biophenyl	12.91	154	4131	0.137	ng	# 86
49) Acenaphthylene	13.79	152	3867	0.106	ng	# 95
50) Dimethylphthalate	13.55	163	66931	2.073	ng	# 98
52) Acenaphthene	14.14	154	1587	0.070	ng	# 64
55) Dibenzofuran	14.49	168	1517	0.041	ng	# 87
58) Fluorene	15.14	166	1239	0.040	ng	# 65
63) Azobenzene	15.43	77	152	0.005	ng	# 1
70) Pentachlorophenol	16.46	266	279	0.035	ng	# 14
71) Phenanthrene	16.87	178	57395	1.156	ng	# 98
72) Anthracene	16.96	178	9023	0.186	ng	# 91
73) Carbazole	17.24	167	5647	0.128	ng	# 94
74) Di-n-butylphthalate	17.83	149	2535	0.045	ng	# 78
75) Fluoranthene	18.90	202	135639	2.188	ng	# 97
77) Benzidine	19.15	184	130	0.005	ng	# 67
78) Pyrene	19.26	202	131269	1.777	ng	# 100
80) Butylbenzylphthalate	20.20	149	828	0.027	ng	# 89
81) Benzo(a)anthracene	21.03	228	77070	0.991	ng	# 97
82) 3,3'-Dichlorobenzidine	21.00	252	1056	0.038	ng	# 25
83) Chrysene	21.08	228	81551	1.099	ng	# 97
84) Bis(2-ethylhexyl)phthalate	21.00	149	5339	0.117	ng	# 95
85) Di-n-octyl phthalate	21.85	149	1000	0.013	ng	# 1
86) Indeno(1,2,3-cd)pyrene	25.21	276	60628	0.749	ng	# 92
88) Benzo(b)fluoranthene	22.53	252	148992	1.722	ng	# 97

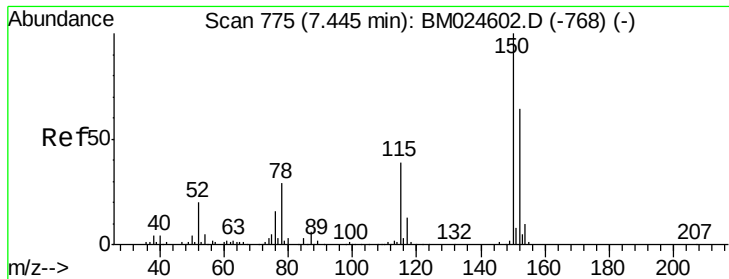
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
Data File : BM024666.D
Acq On : 30 Jan 2020 19:44
Operator : CG/JU
Sample : L1318-02
Misc :
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Instrument :
BNA_M
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Quant Time: Jan 30 23:24:14 2020
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)
89) Benzo(k)fluoranthene	22.53	252	148992	1.764	ng	# 96
90) Benzo(a)pyrene	23.06	252	79448	1.010	ng	# 94
91) Dibenzo(a,h)anthracene	25.22	278	13989	0.187	ng	# 64
92) Benzo(g,h,i)perylene	25.83	276	56188	0.829	ng	# 96

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

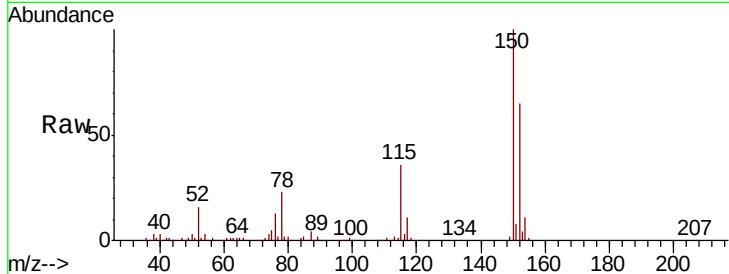


#1

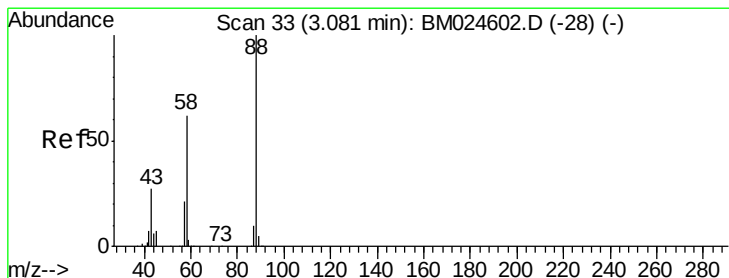
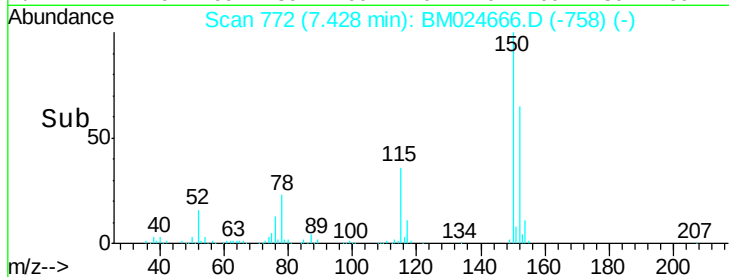
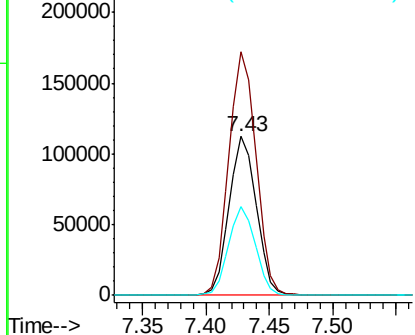
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM024666.D
Acq: 30 Jan 2020 19:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.2	186.4
115	55.7	48.6	72.8



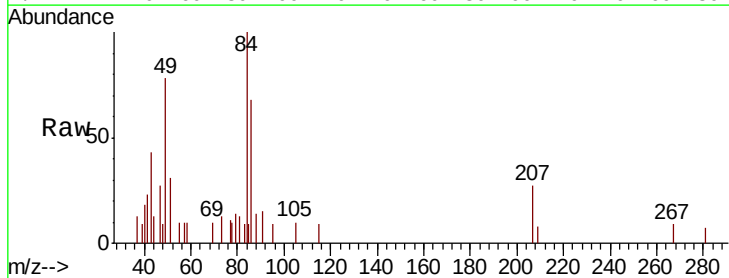
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



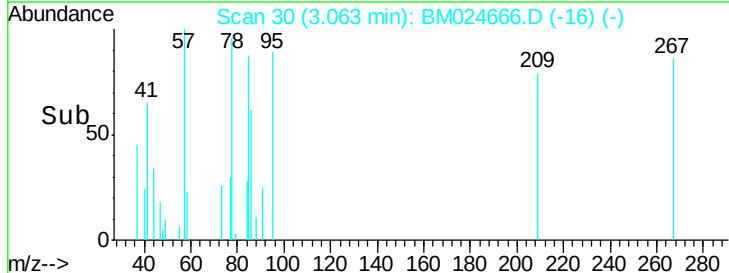
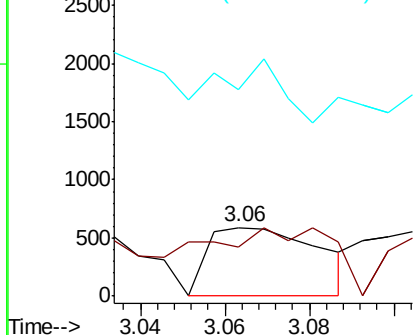
#2

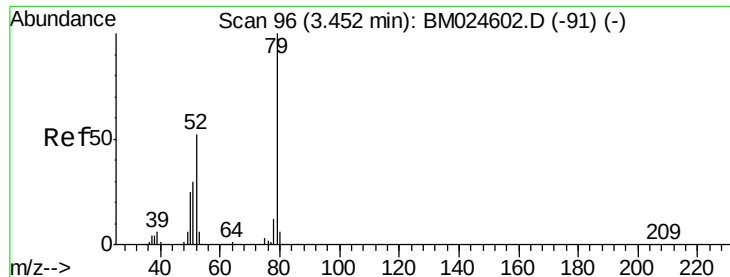
1,4-Dioxane
Concen: 0.306 ng
RT: 3.06 min Scan# 30
Delta R.T. -0.02 min
Lab File: BM024666.D
Acq: 30 Jan 2020 19:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	50.0	75.0#
43	48.6	21.6	32.4#



Abundance Ion 88.00 (87.70 to 88.70): BMC
Ion 58.00 (57.70 to 58.70): BMC
Ion 43.00 (42.70 to 43.70): BMC





#3

Pvridine

Concen: 0.096 ng

RT: 3.44 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

Instrument :

BNA_M

ClientSampleId :

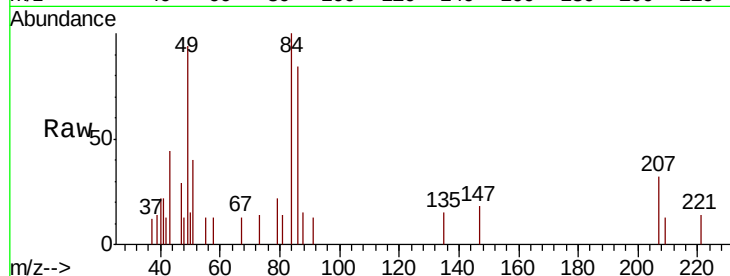
Tot Ion: 79 Resp: 971

Ion Ratio Lower Upper

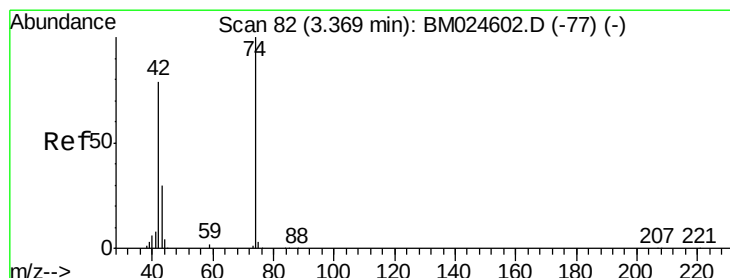
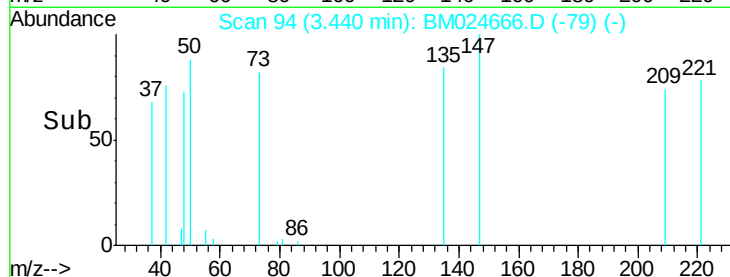
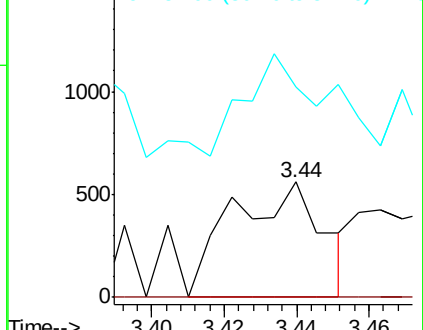
79 100

52 0.0 41.4 62.2#

51 182.6 23.8 35.8#



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 52.00 (51.70 to 52.70): BM0
Ion 51.00 (50.70 to 51.70): BM0



#4

n-Nitrosodimethylamine

Concen: 0.055 ng

RT: 3.37 min Scan# 83

Delta R.T. 0.01 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

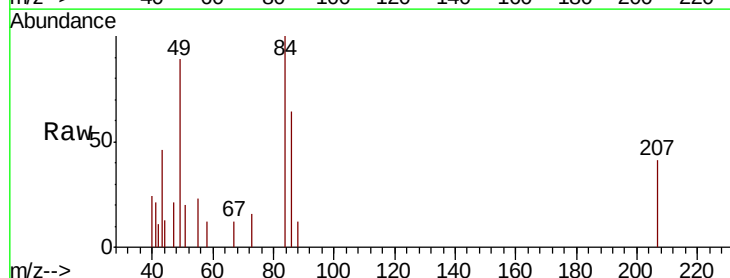
Tgt Ion: 42 Resp: 248

Ion Ratio Lower Upper

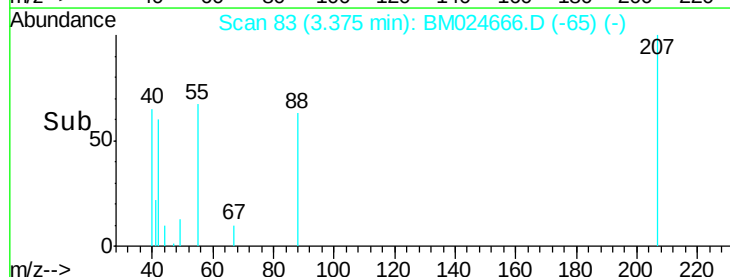
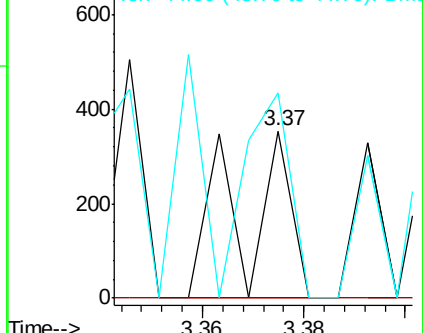
42 100

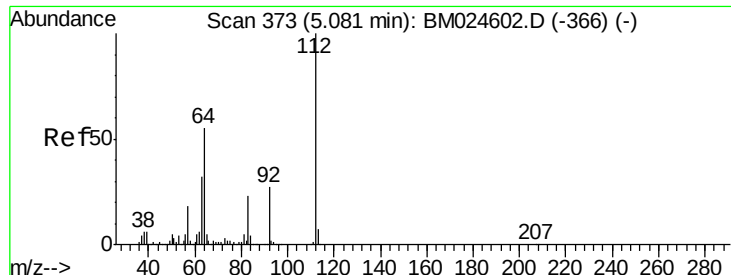
74 0.0 101.4 152.2#

44 122.9 4.6 6.8#



Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 102.550 ng

RT: 5.07 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

Instrument :

BNA_M

ClientSampleId :

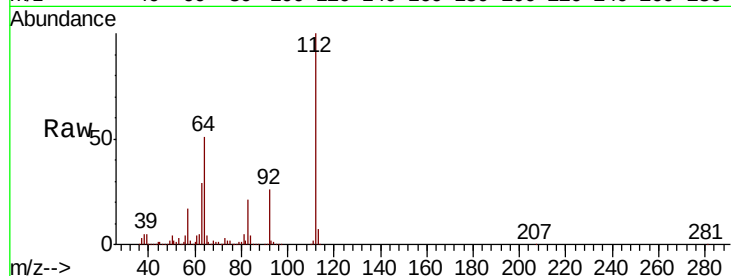
Tot Ion:112 Resp: 902727

Ion Ratio Lower Upper

112 100

64 51.4 44.2 66.4

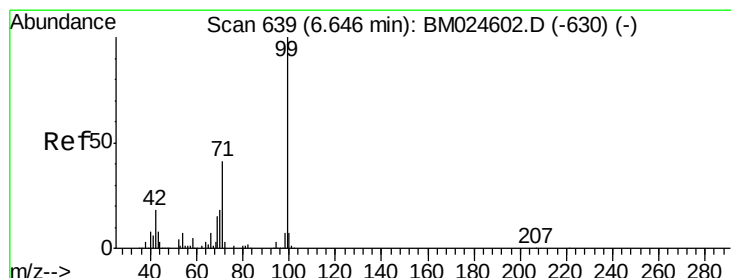
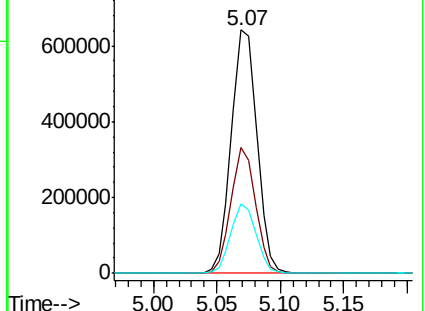
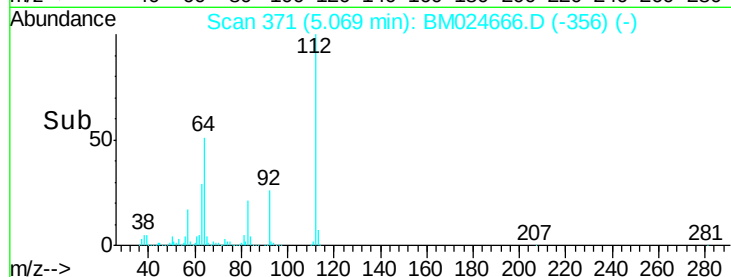
63 28.7 25.9 38.9



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: 93.398 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

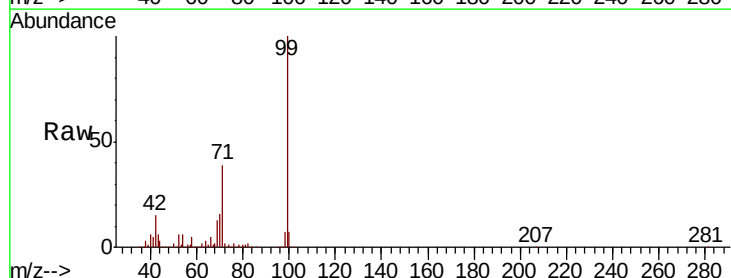
Tgt Ion: 99 Resp: 1132594

Ion Ratio Lower Upper

99 100

42 15.3 14.1 21.1

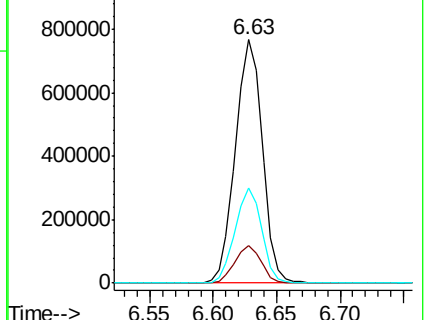
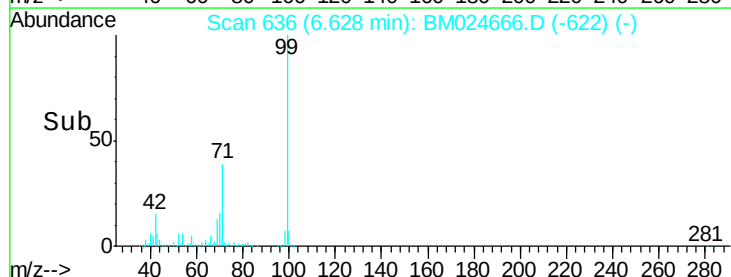
71 38.9 33.0 49.6

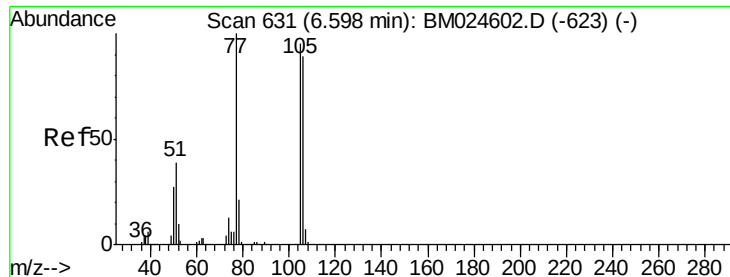


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#9

Benzaldehyde

Concen: 0.392 ng

RT: 6.63 min Scan# 636

Delta R.T. 0.03 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

Instrument :

BNA_M

ClientSampleId :

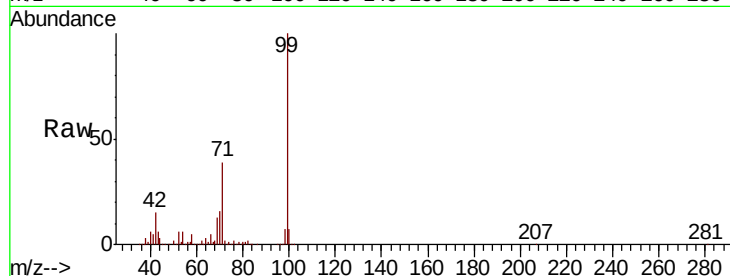
Tot Ion: 77 Resp: 2808

Ion Ratio Lower Upper

77 100

105 0.0 75.2 115.2#

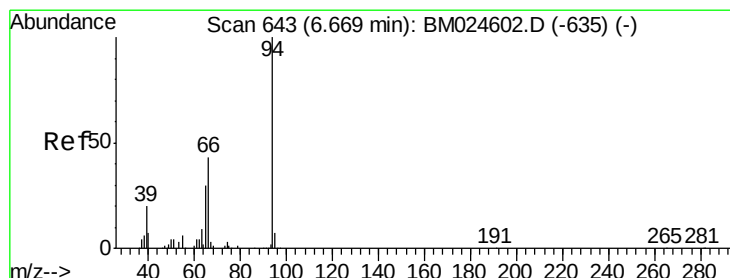
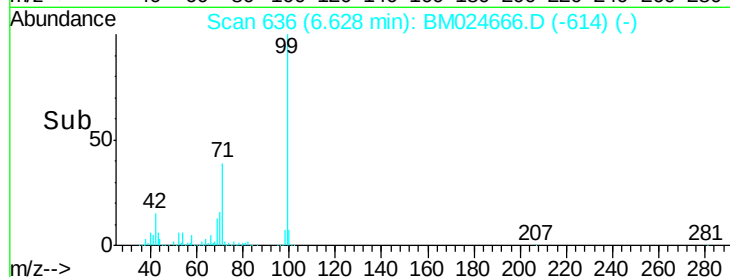
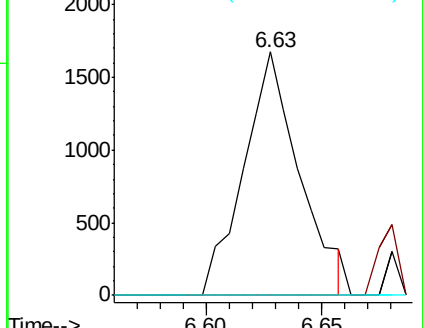
106 0.0 68.6 108.6#



Abundance Ion 77.00 (76.70 to 77.70): BM024666.D (-614) (-)

Ion 105.00 (104.70 to 105.70): BM024666.D (-614) (-)

Ion 106.00 (105.70 to 106.70): BM024666.D (-614) (-)



#10

Phenol

Concen: 0.613 ng

RT: 6.65 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

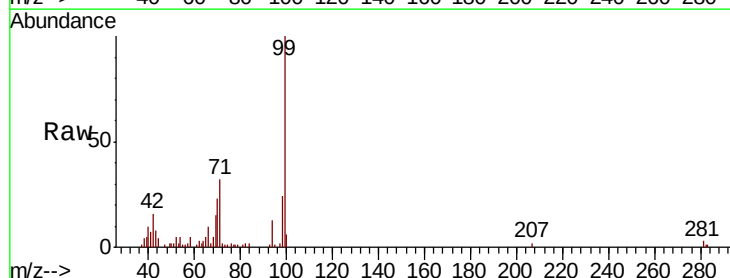
Tgt Ion: 94 Resp: 7408

Ion Ratio Lower Upper

94 100

65 39.2 10.3 50.3

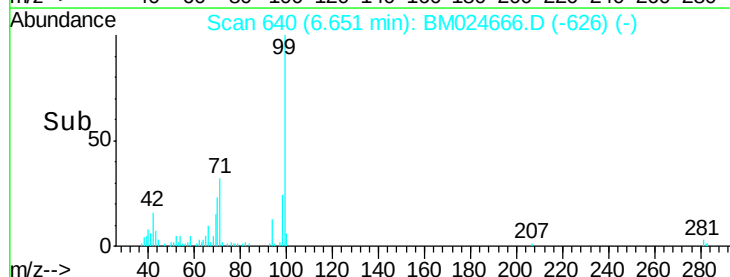
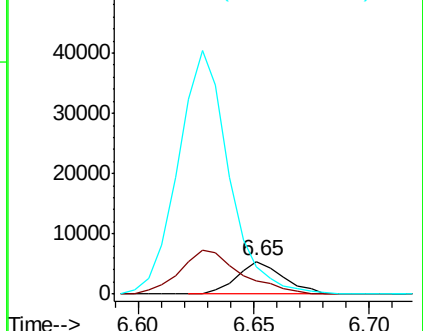
66 82.5 24.8 64.8#

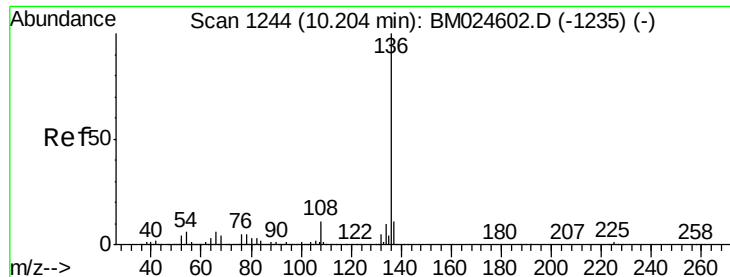


Abundance Ion 94.00 (93.70 to 94.70): BM024666.D (-626) (-)

Ion 65.00 (64.70 to 65.70): BM024666.D (-626) (-)

Ion 66.00 (65.70 to 66.70): BM024666.D (-626) (-)

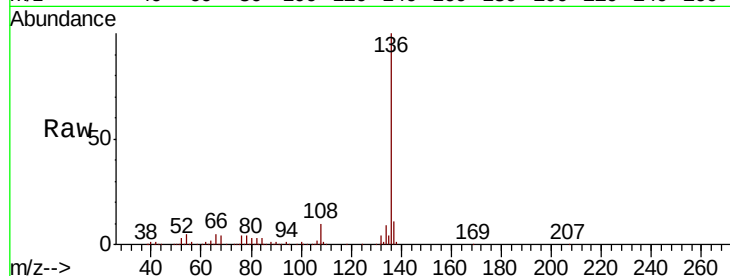




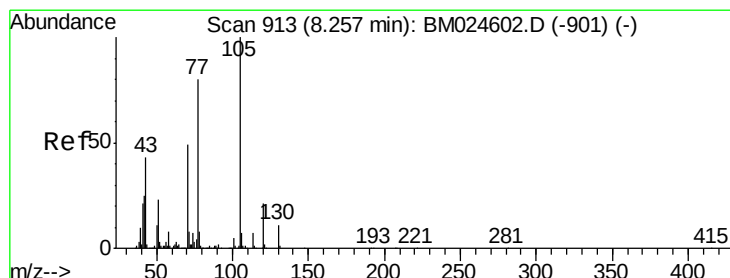
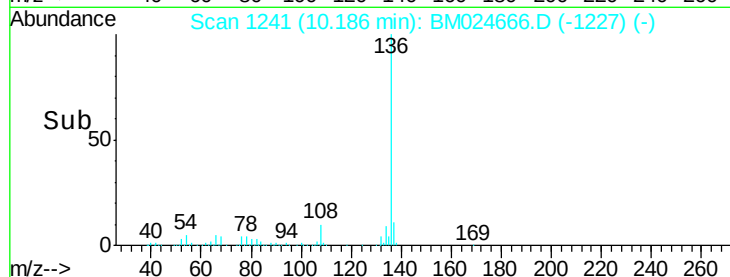
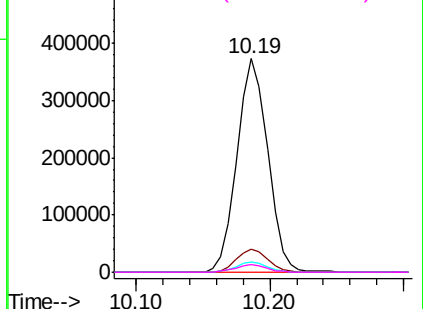
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.19 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BM024666.D
Acq: 30 Jan 2020 19:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp: 597284
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 4.5	4.5 6.7
68 3.9	3.4 5.0

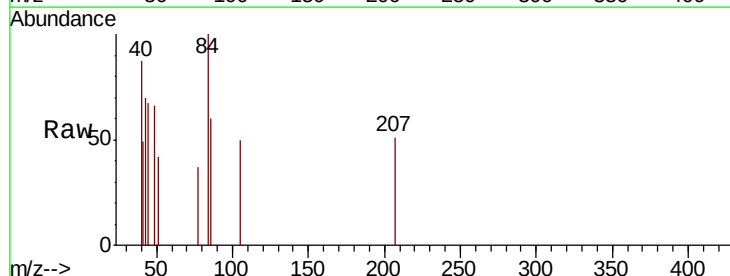


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

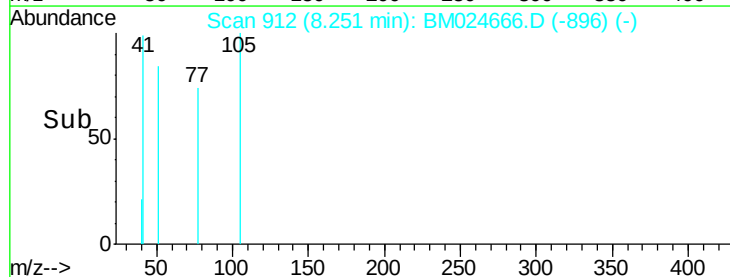
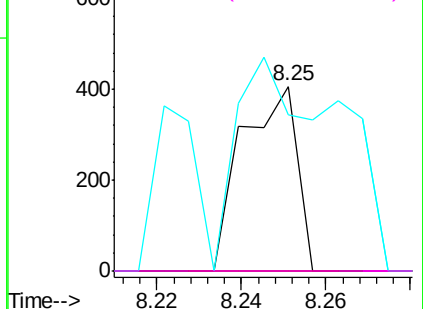


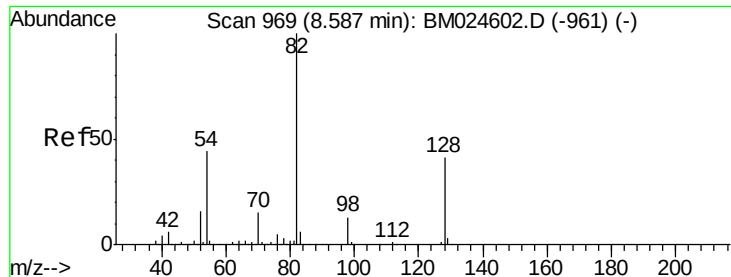
#22
Acetophenone
Concen: 0.024 ng
RT: 8.25 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM024666.D
Acq: 30 Jan 2020 19:44

Tgt	Ion:105	Resp:	367
Ion	Ratio	Lower	Upper
105	100		
71	0.0	6.7	10.1#
51	84.3	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

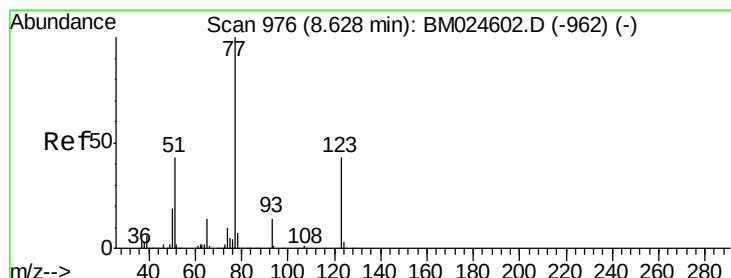
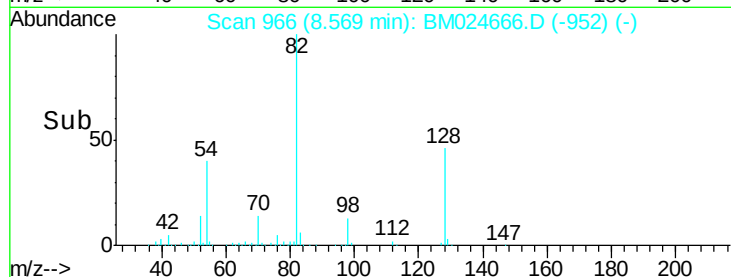
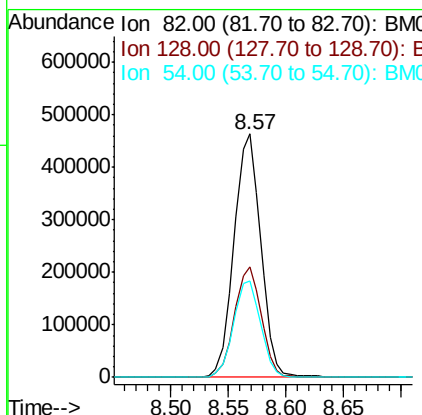
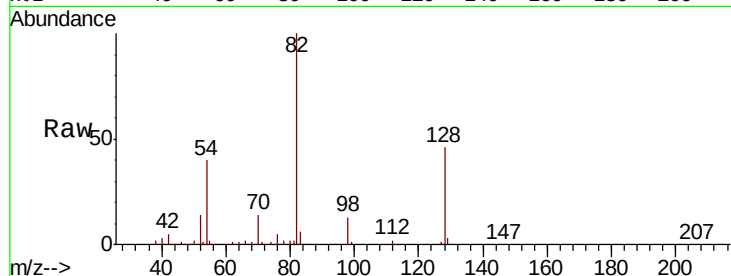




#23
 Nitrobenzene-d5
 Concen: 61.351 ng
 RT: 8.57 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM024666.D
 Acq: 30 Jan 2020 19:44

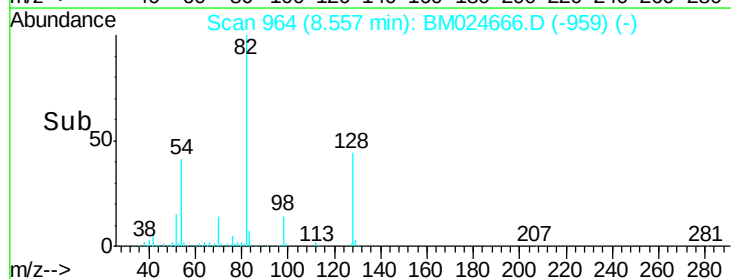
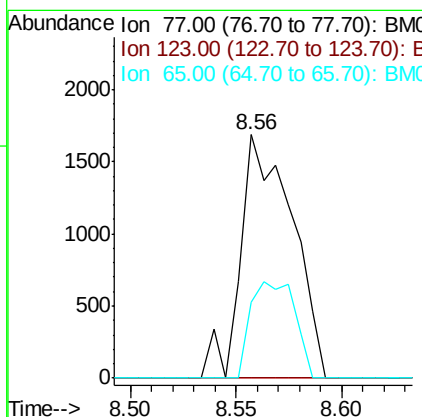
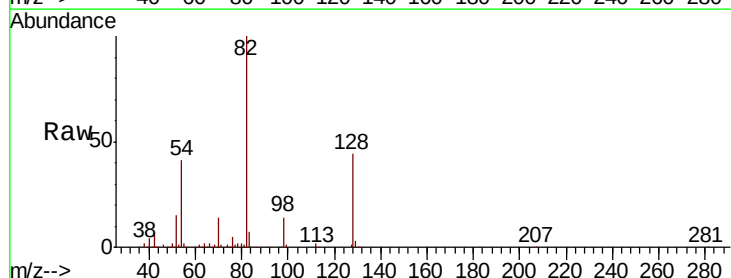
Instrument :
 BNA_M
 ClientSampleId :

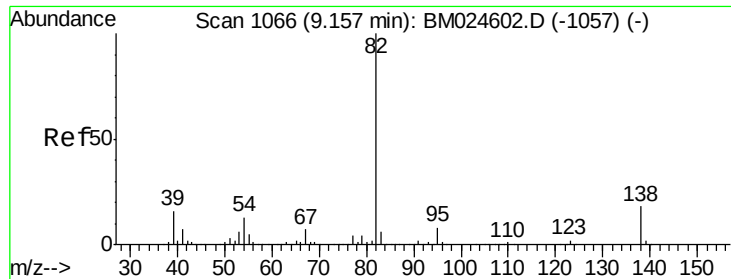
Tot Ion	82	Resp	747203
Ion Ratio	100	Lower	Upper
128	45.5	32.6	48.8
54	39.8	34.8	52.2



#24
 Nitrobenzene
 Concen: 0.247 ng
 RT: 8.56 min Scan# 964
 Delta R.T. -0.07 min
 Lab File: BM024666.D
 Acq: 30 Jan 2020 19:44

Tgt Ion	77	Resp	2882
Ion Ratio	100	Lower	Upper
123	0.0	34.6	52.0#
65	31.1	11.0	16.4#





#25

Isophorone

Concen: 0.021 ng

RT: 9.19 min Scan# 1071

Delta R.T. 0.03 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

Instrument :

BNA_M

ClientSampleId :

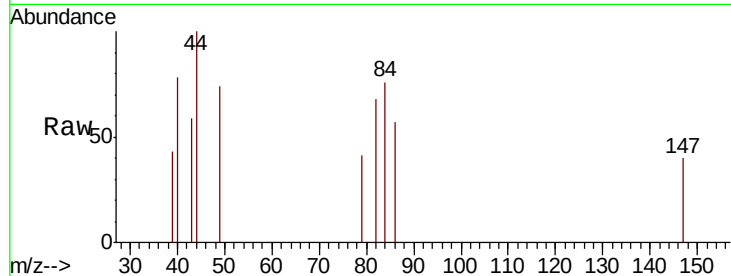
Tot Ion: 82 Resp: 439

Ion Ratio Lower Upper

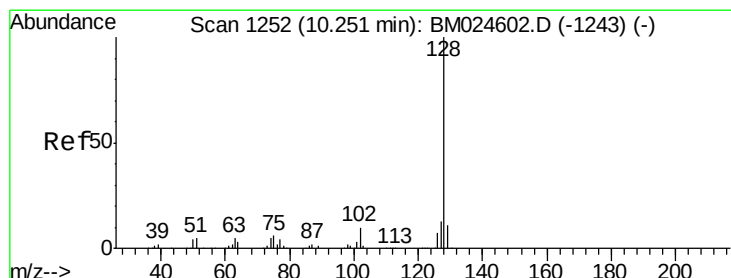
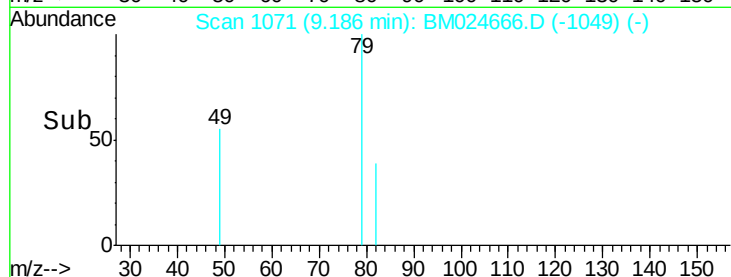
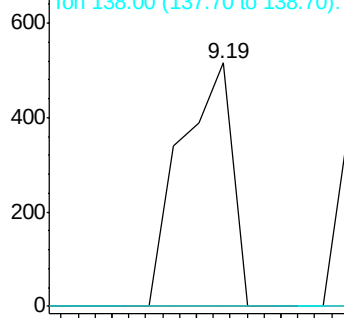
82 100

95 0.0 6.7 10.1#

138 0.0 14.7 22.1#



Abundance Ion 82.00 (81.70 to 82.70): BM024666.D (-1049) (-)



#31

Naphthalene

Concen: 0.086 ng

RT: 10.23 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

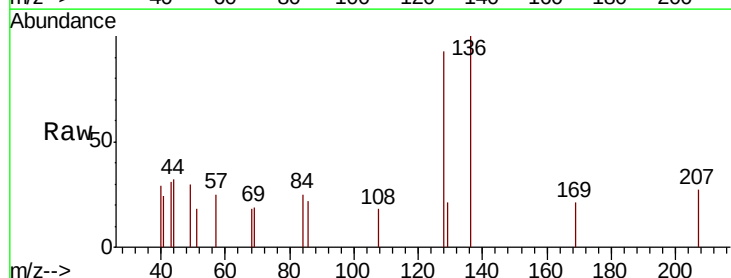
Tgt Ion: 128 Resp: 2598

Ion Ratio Lower Upper

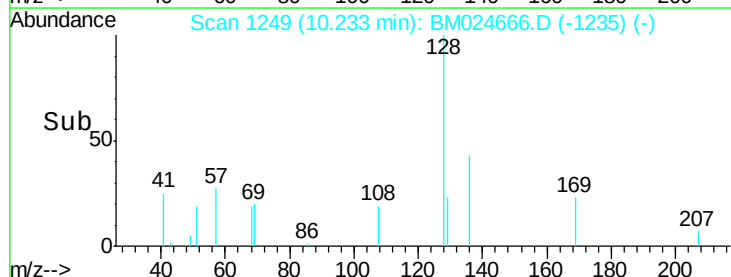
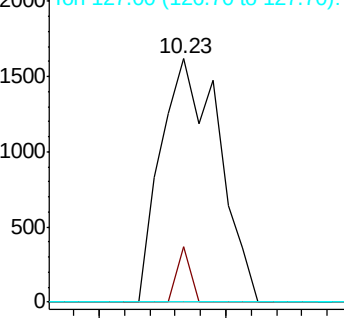
128 100

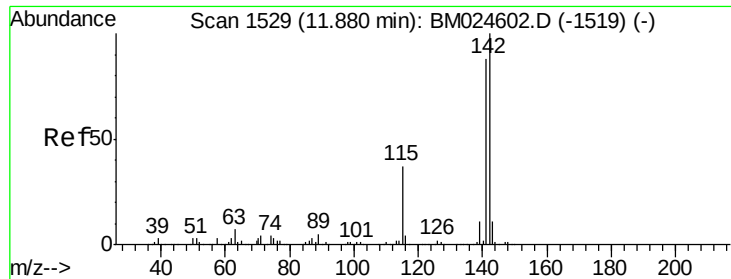
129 22.5 8.8 13.2#

127 0.0 10.6 15.8#



Abundance Ion 128.00 (127.70 to 128.70): BM024666.D (-1235) (-)

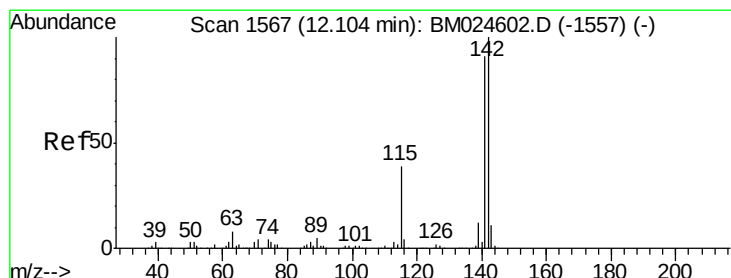
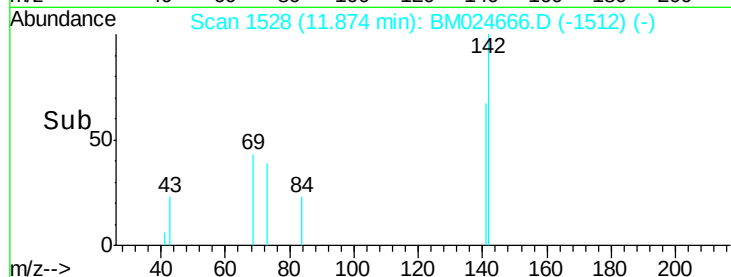
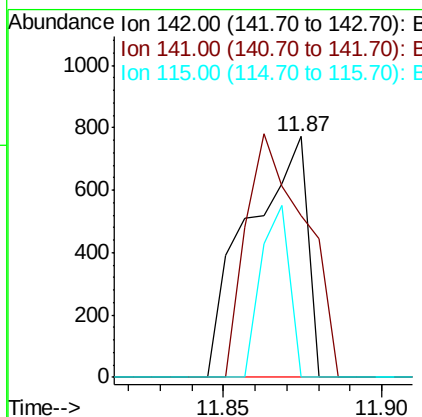
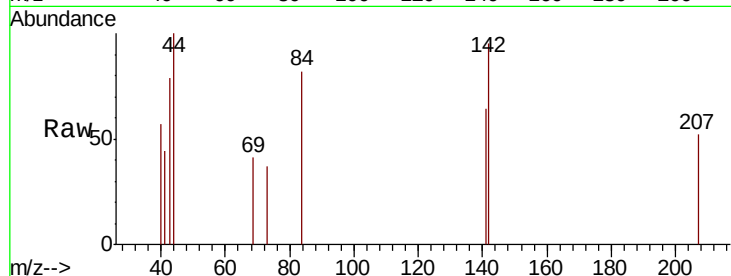




#37
 2-Methylnaphthalene
 Concen: 0.043 ng
 RT: 11.87 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BM024666.D
 Acq: 30 Jan 2020 19:44

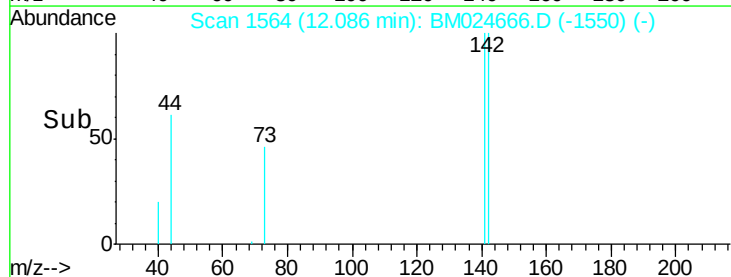
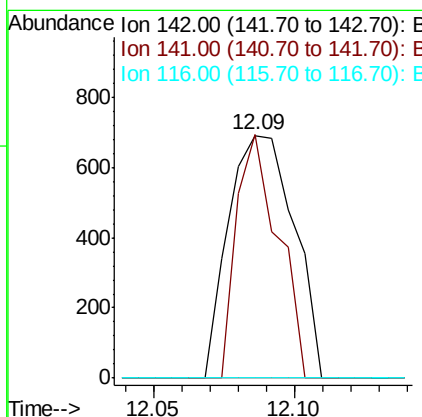
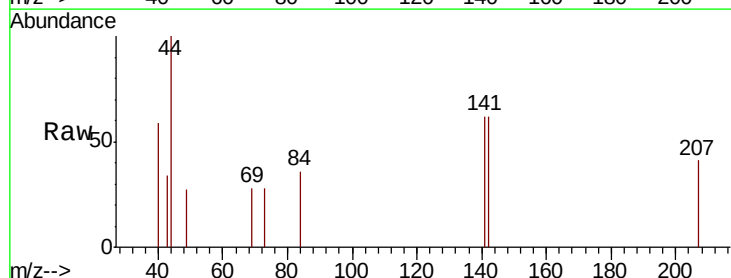
Instrument :
 BNA_M
 ClientSampled :

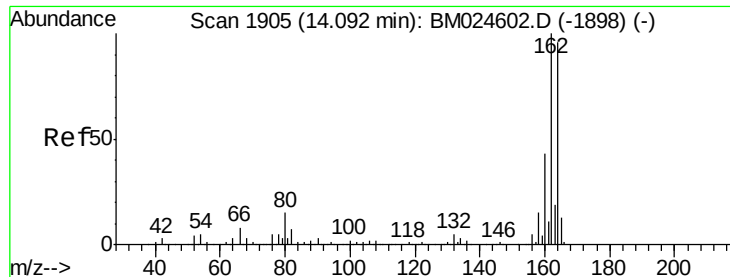
Tot Ion:142 Resp: 993
 Ion Ratio Lower Upper
 142 100
 141 67.4 70.2 105.2#
 115 0.0 29.7 44.5#



#38
 1-Methylnaphthalene
 Concen: 0.050 ng
 RT: 12.09 min Scan# 1564
 Delta R.T. -0.02 min
 Lab File: BM024666.D
 Acq: 30 Jan 2020 19:44

Tgt Ion:142 Resp: 1112
 Ion Ratio Lower Upper
 142 100
 141 100.4 72.8 109.2
 116 0.0 3.2 4.8#

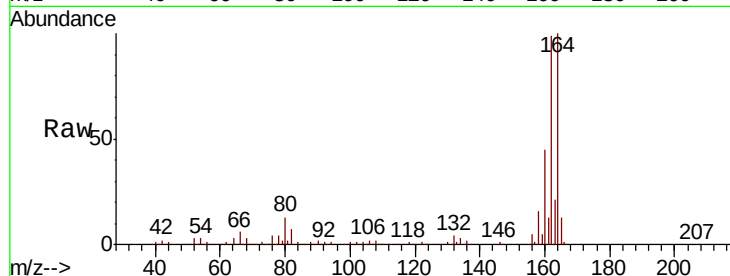




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.08 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM024666.D
Acq: 30 Jan 2020 19:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.2	82.9	124.3
160	45.2	35.5	53.3

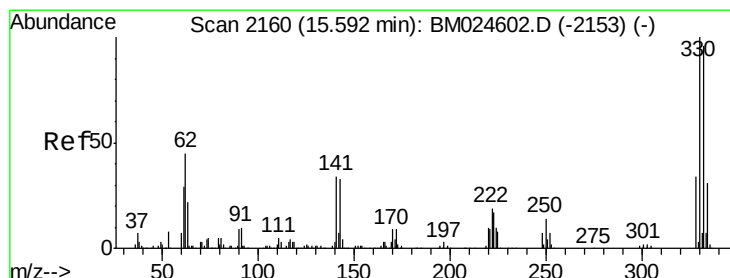
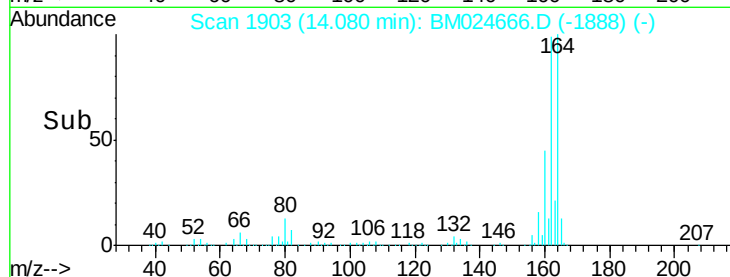
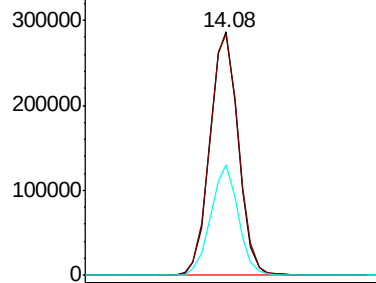


Abundance

Ion 164.00 (163.70 to 164.70): E

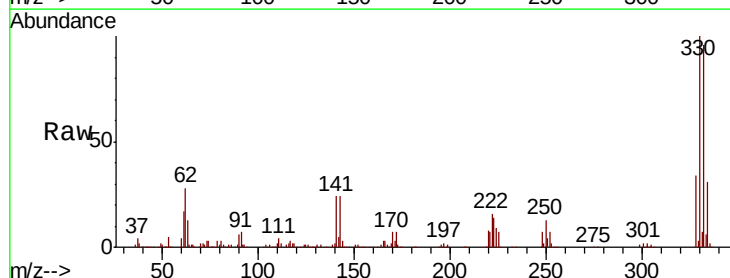
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 104.240 ng
RT: 15.58 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BM024666.D
Acq: 30 Jan 2020 19:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.2	115.8
141	26.6	26.9	40.3

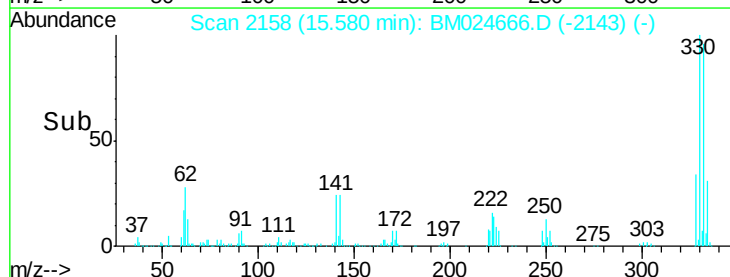
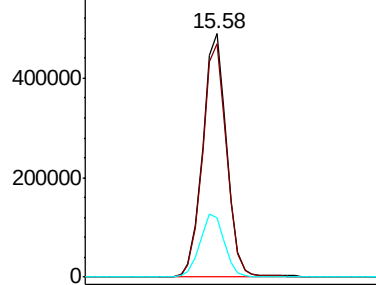


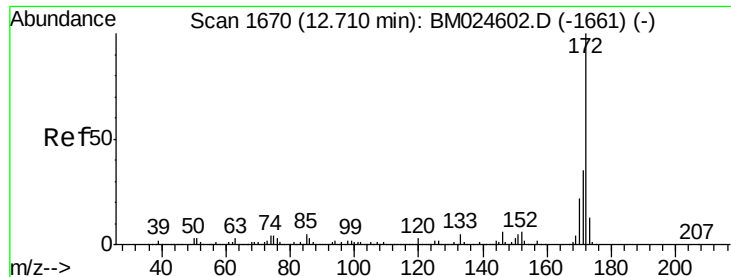
Abundance

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

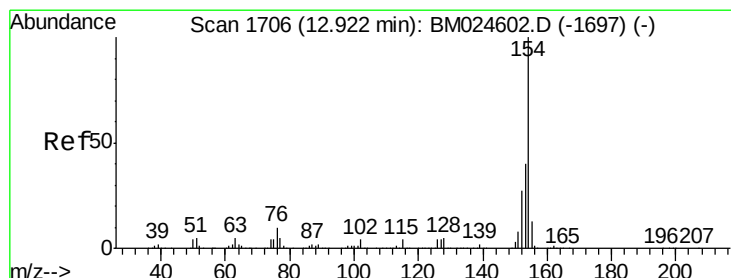
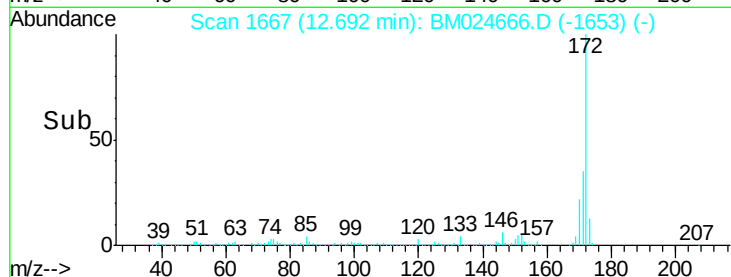
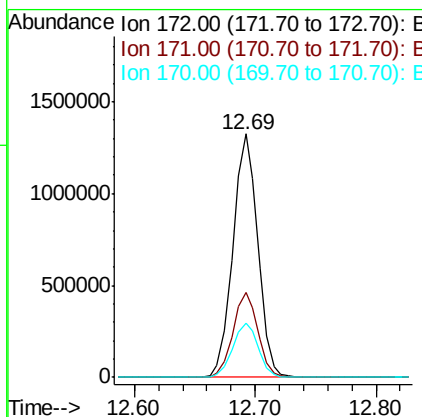
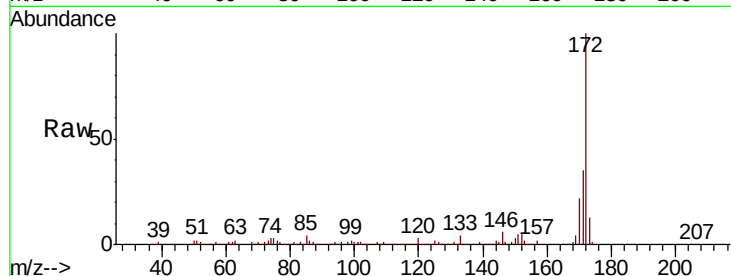




#45
2-Fluorobiphenyl
Concen: 64.833 ng
RT: 12.69 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BM024666.D
Acq: 30 Jan 2020 19:44

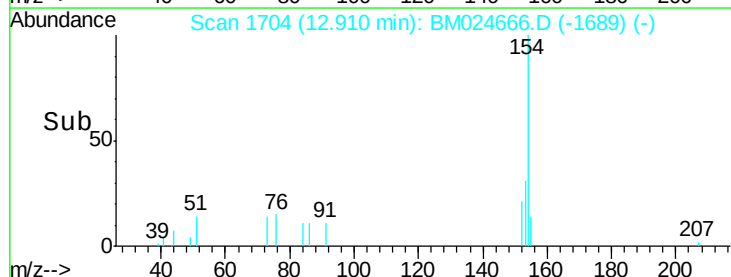
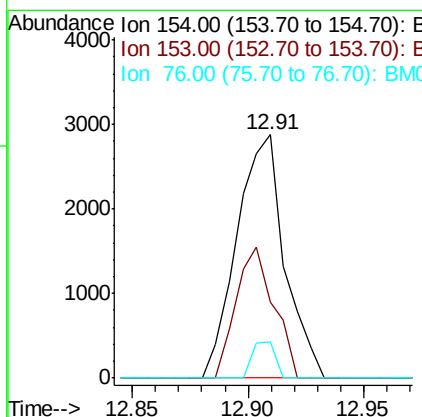
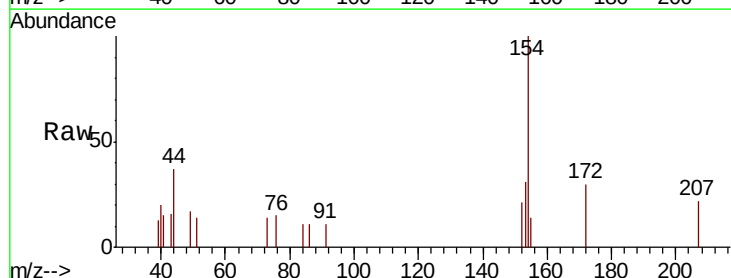
Instrument :
BNA_M
ClientSampleId :

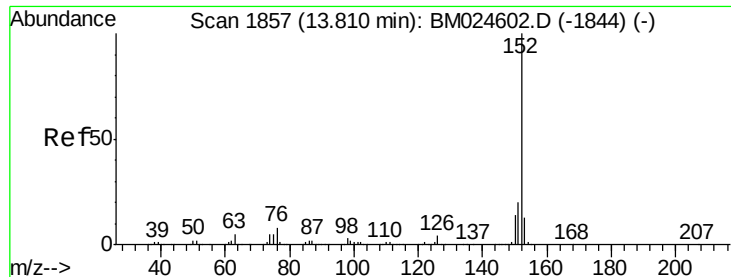
Tot Ion:172 Resp: 1904167
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 22.1 17.9 26.9



#46
1,1'-Biphenyl
Concen: 0.137 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM024666.D
Acq: 30 Jan 2020 19:44

Tgt Ion:154 Resp: 4131
Ion Ratio Lower Upper
154 100
153 31.4 20.3 60.3
76 14.9 0.0 30.5





#49

Acenaphthylene

Concen: 0.106 ng

RT: 13.79 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

Instrument :

BNA_M

ClientSampleId :

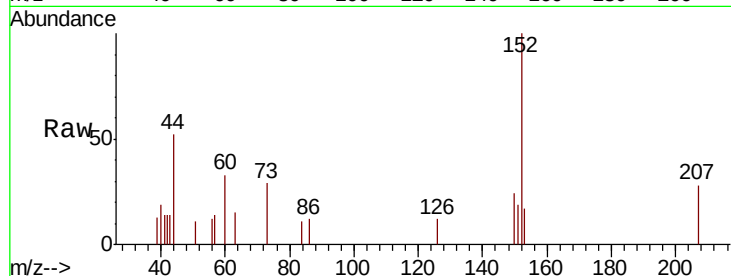
Tot Ion:152 Resp: 3867

Ion Ratio Lower Upper

152 100

151 18.7 15.8 23.6

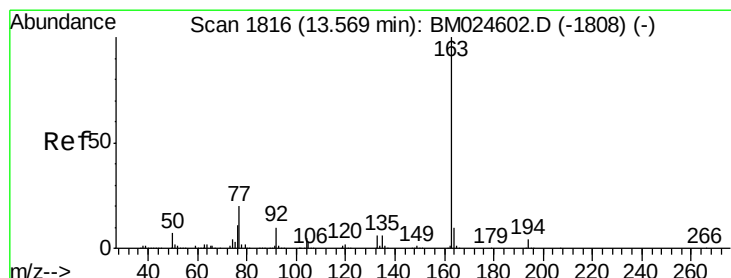
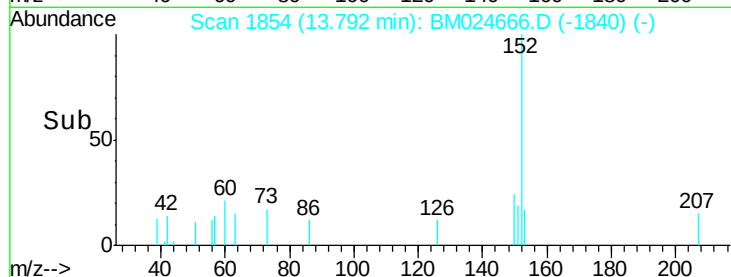
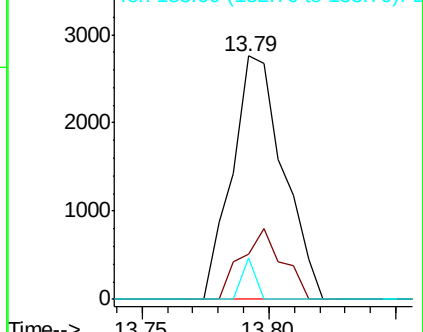
153 16.7 10.4 15.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 2.073 ng

RT: 13.55 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

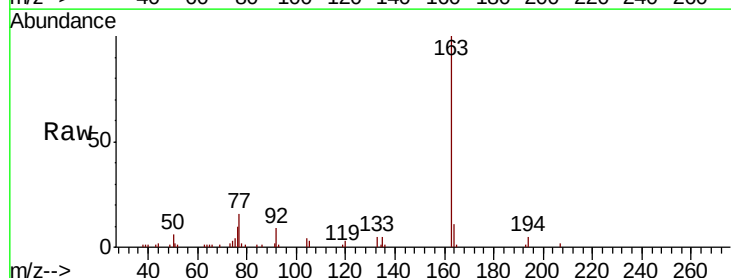
Tgt Ion:163 Resp: 66931

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.0

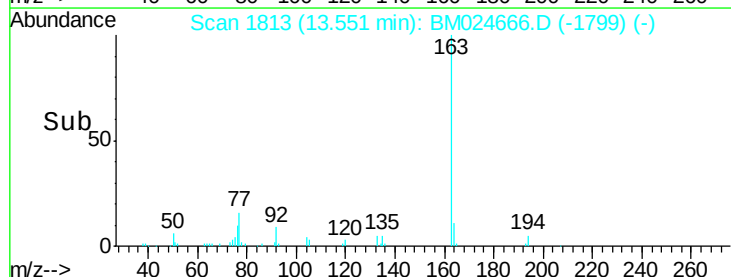
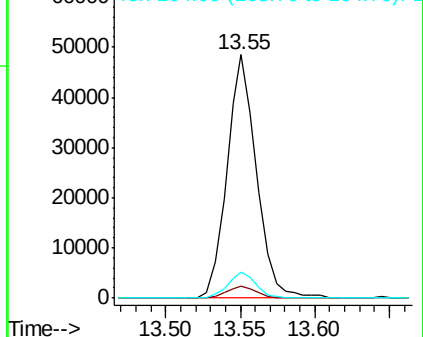
164 10.7 8.0 12.0

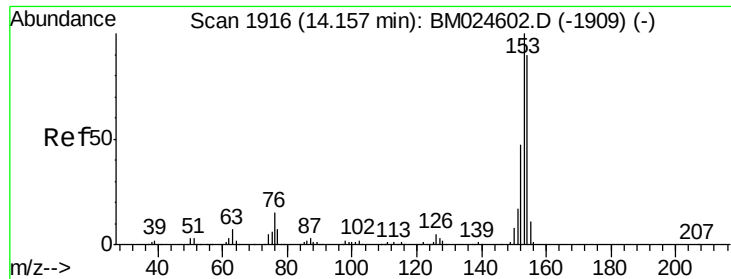


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 0.070 ng

RT: 14.14 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

Instrument :

BNA_M

ClientSampleId :

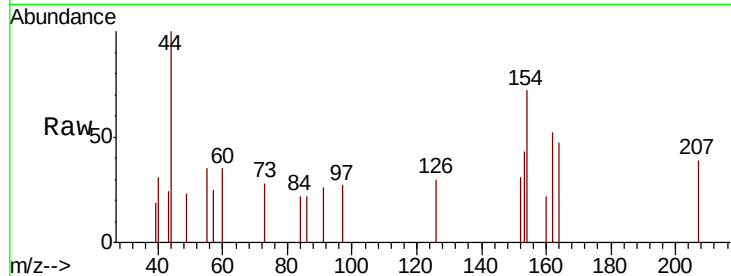
Tot Ion:154 Resp: 1587

Ion Ratio Lower Upper

154 100

153 60.5 89.1 133.7#

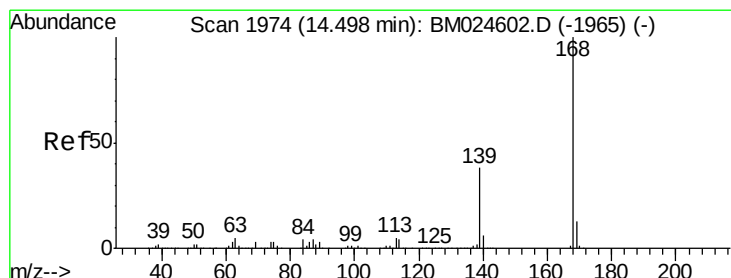
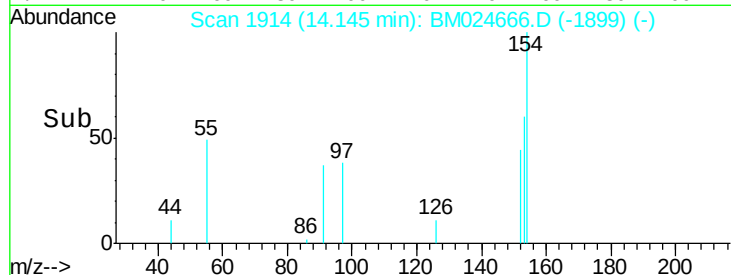
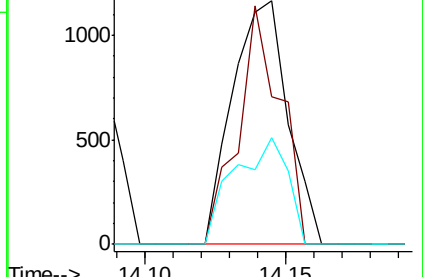
152 43.7 41.9 62.9



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: 0.041 ng

RT: 14.49 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

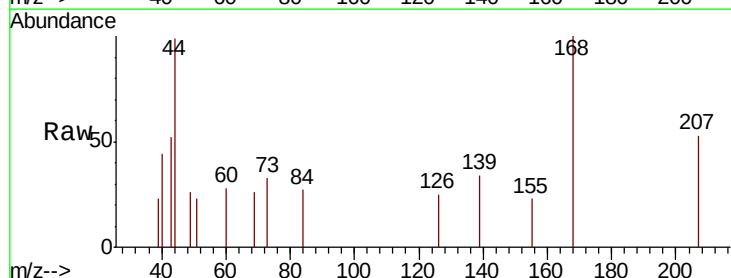
Tgt Ion:168 Resp: 1517

Ion Ratio Lower Upper

168 100

139 34.4 30.2 45.4

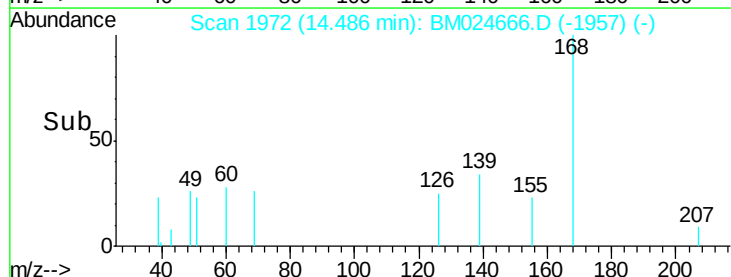
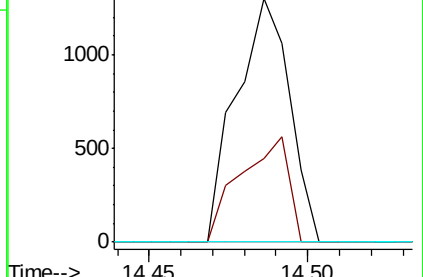
169 0.0 10.7 16.1#

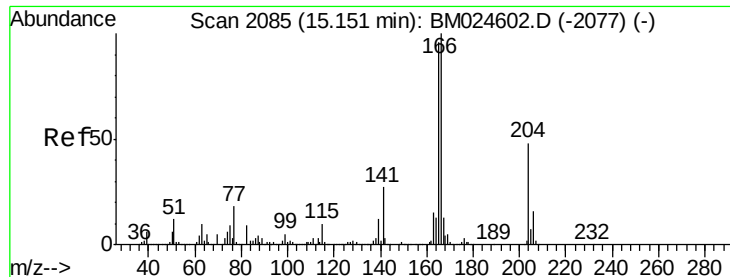


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#58

Fluorene

Concen: 0.040 ng

RT: 15.14 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

Instrument :

BNA_M

ClientSampleId :

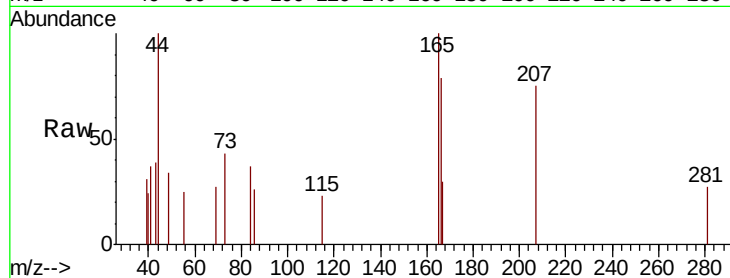
Tot Ion:166 Resp: 1239

Ion Ratio Lower Upper

166 100

165 125.9 76.6 114.8#

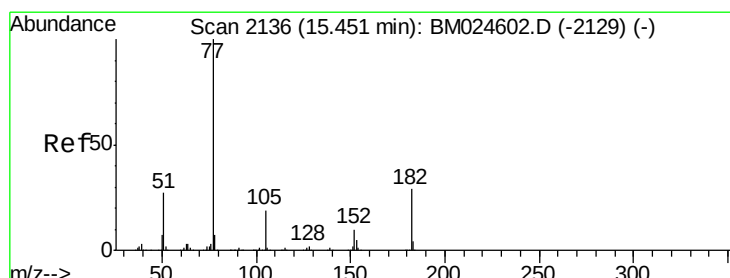
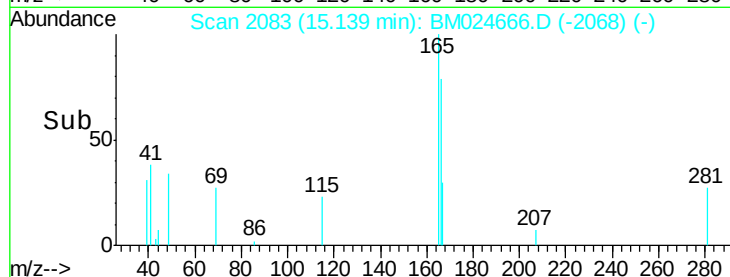
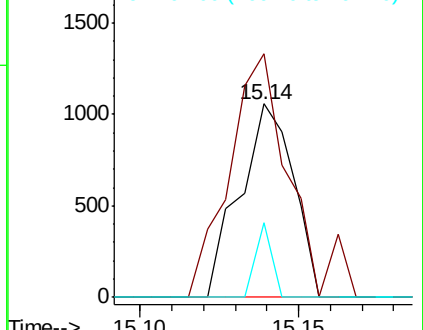
167 38.3 10.8 16.2#



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: 15.43 min Scan# 2133

Delta R.T. -0.02 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

Tgt Ion: 77 Resp: 152

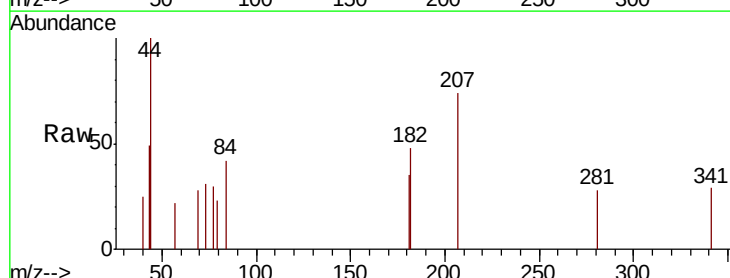
Ion Ratio Lower Upper

77 100

182 159.4 8.7 48.7#

105 0.0 0.0 39.2

51 0.0 7.5 47.5#

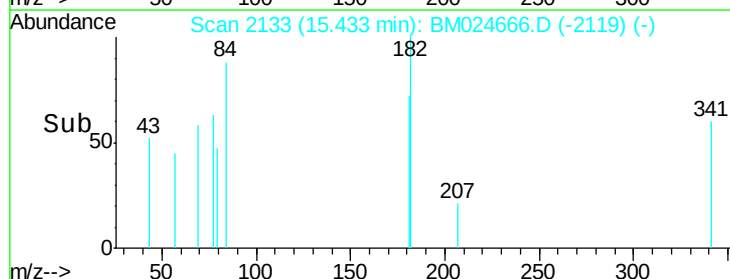
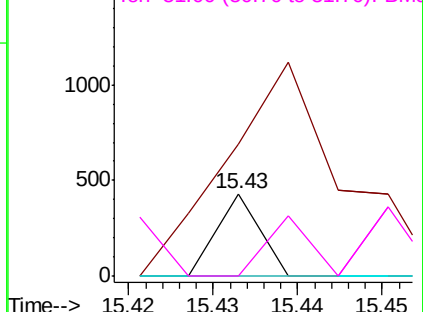


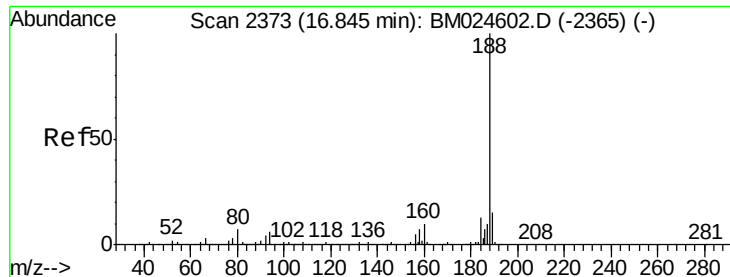
Abundance Ion 77.00 (76.70 to 77.70): BM0

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

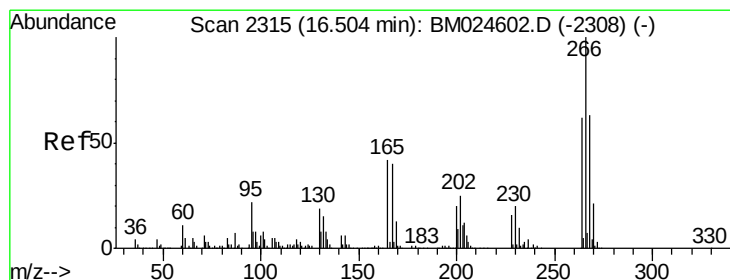
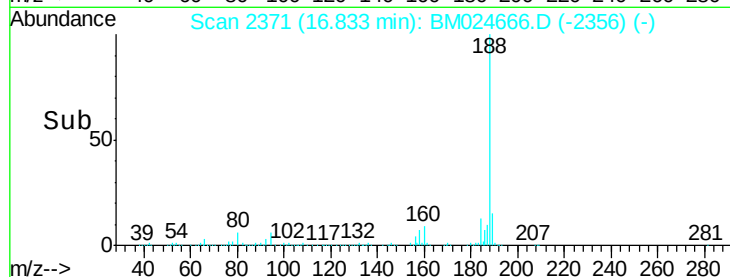
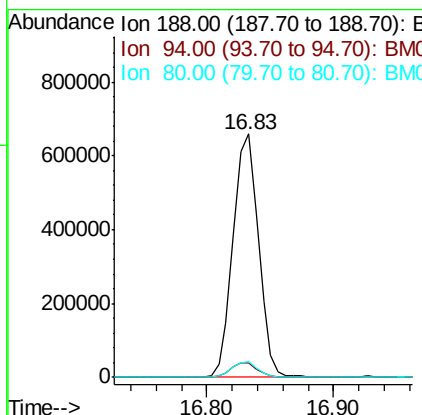
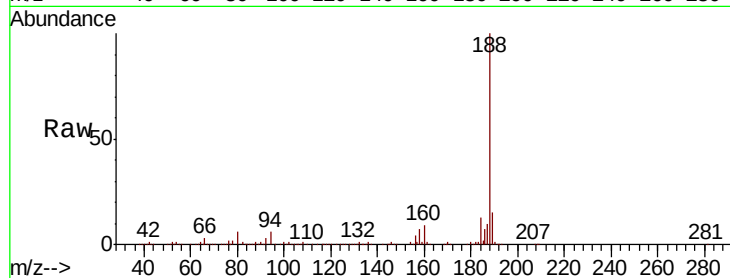




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM024666.D
Acq: 30 Jan 2020 19:44

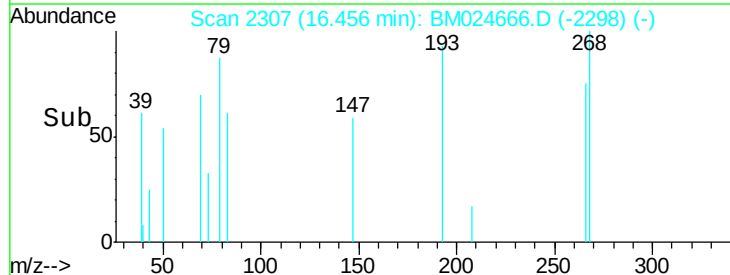
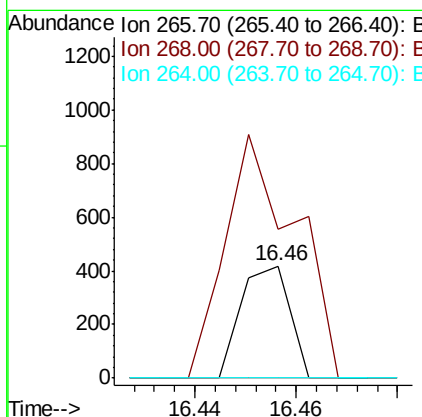
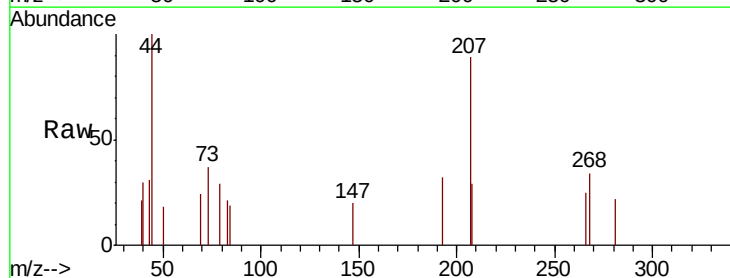
Instrument :
BNA_M
ClientSampled :

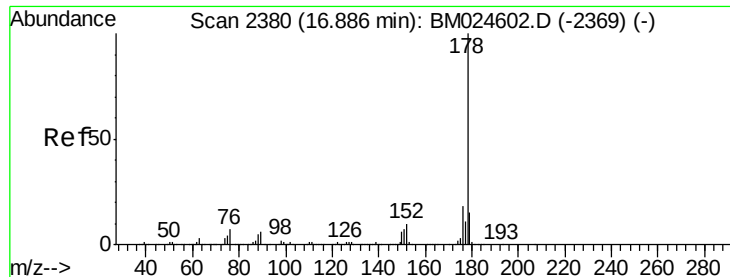
Tot Ion:188 Resp: 917073
Ion Ratio Lower Upper
188 100
94 6.1 5.0 7.6
80 6.3 5.8 8.8



#70
Pentachlorophenol
Concen: 0.035 ng
RT: 16.46 min Scan# 2307
Delta R.T. -0.05 min
Lab File: BM024666.D
Acq: 30 Jan 2020 19:44

Tgt Ion:266 Resp: 279
Ion Ratio Lower Upper
266 100
268 133.1 50.4 75.6#
264 0.0 49.9 74.9#

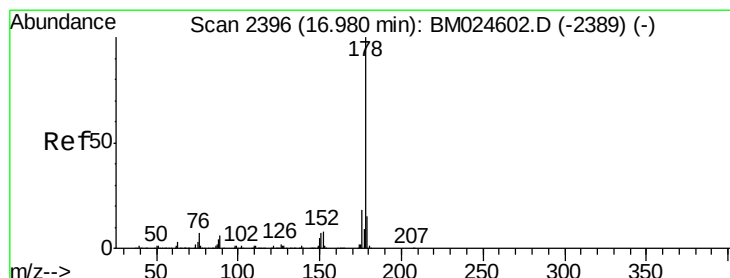
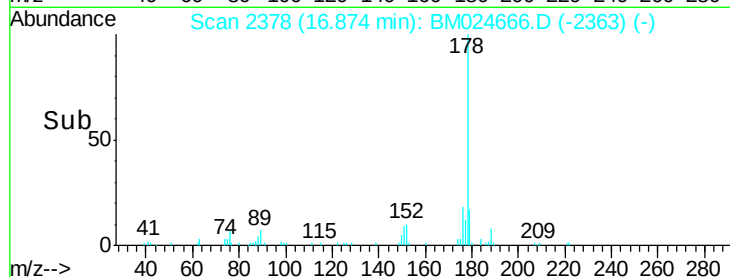
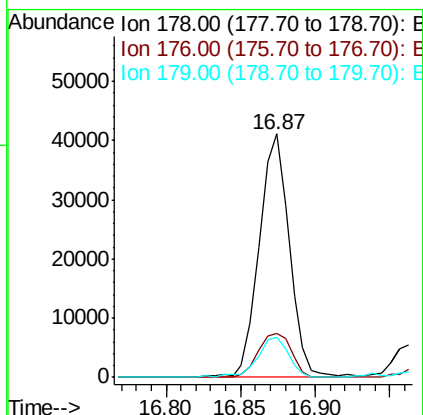
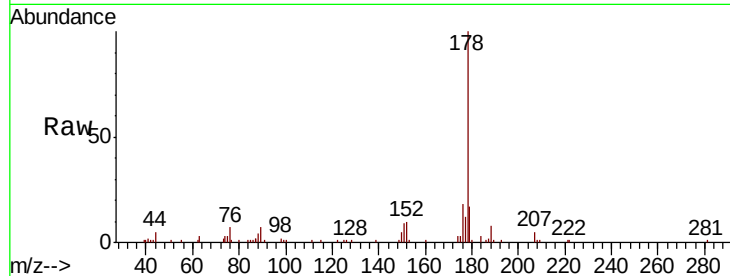




#71
Phenanthrene
Concen: 1.156 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM024666.D
Acq: 30 Jan 2020 19:44

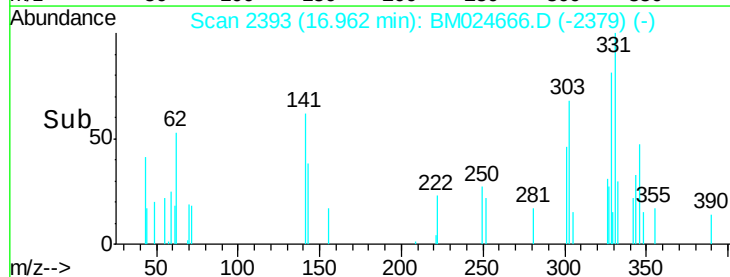
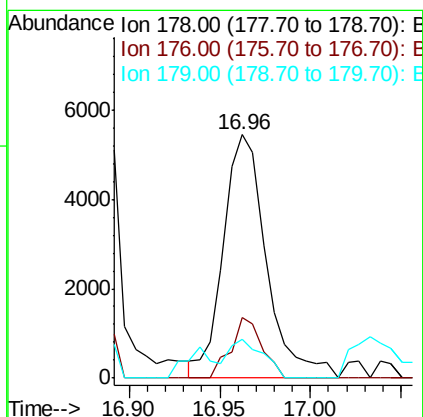
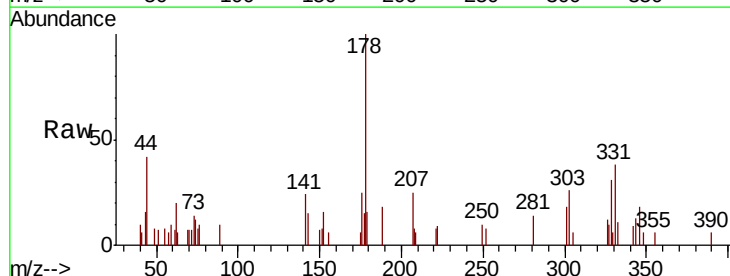
Instrument :
BNA_M
ClientSampleId :

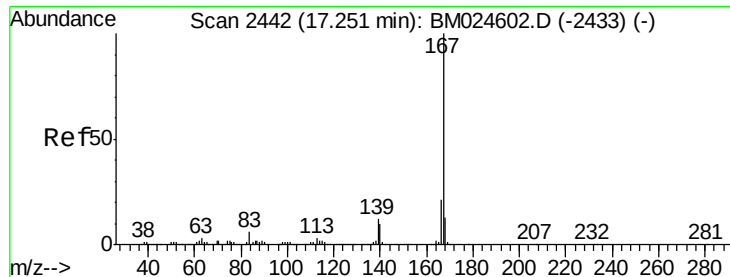
Tot Ion:178 Resp: 57395
Ion Ratio Lower Upper
178 100
176 18.3 14.5 21.7
179 16.7 11.9 17.9



#72
Anthracene
Concen: 0.186 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM024666.D
Acq: 30 Jan 2020 19:44

Tgt Ion:178 Resp: 9023
Ion Ratio Lower Upper
178 100
176 24.7 14.3 21.5#
179 15.8 12.1 18.1





#73

Carbazole

Concen: 0.128 ng

RT: 17.24 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

Instrument :

BNA_M

ClientSampled :

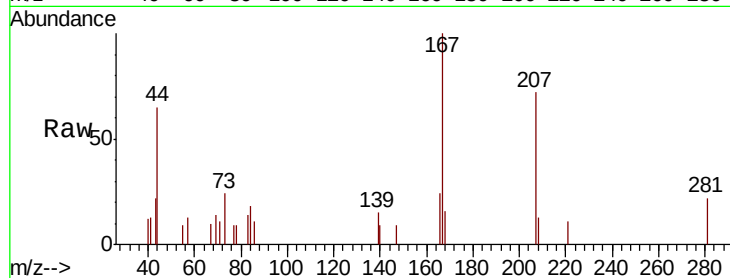
Tot Ion:167 Resp: 5647

Ion Ratio Lower Upper

167 100

166 24.1 17.1 25.7

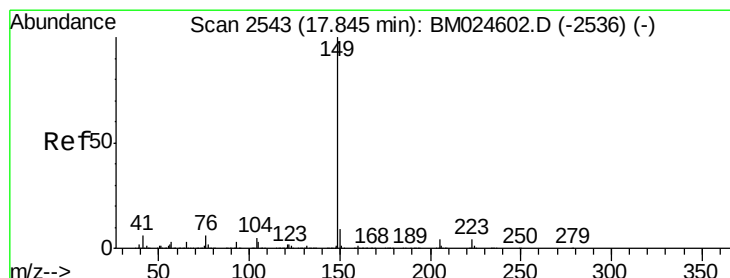
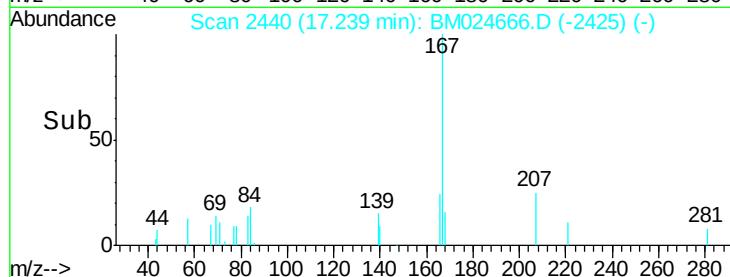
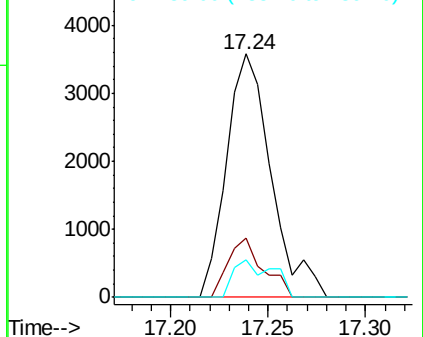
139 15.2 9.8 14.8#



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: 0.045 ng

RT: 17.83 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

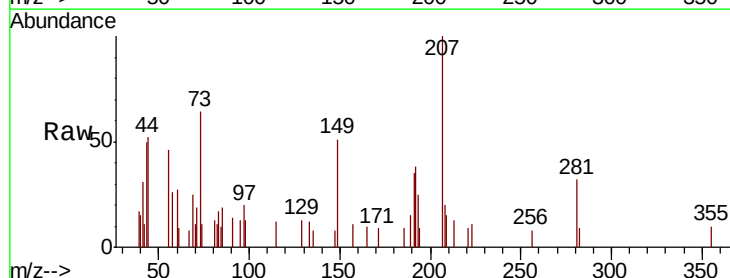
Tgt Ion:149 Resp: 2535

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

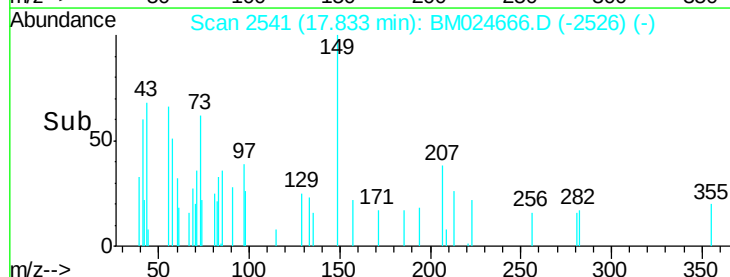
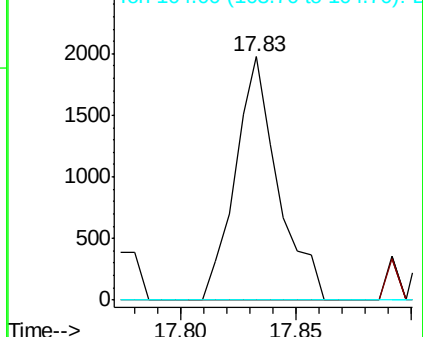
104 0.0 4.3 6.5#

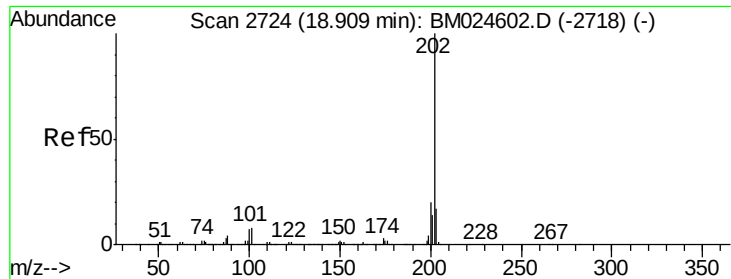


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 2.188 ng

RT: 18.90 min Scan# 2723

Delta R.T. -0.01 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

Instrument :

BNA_M

ClientSampleId :

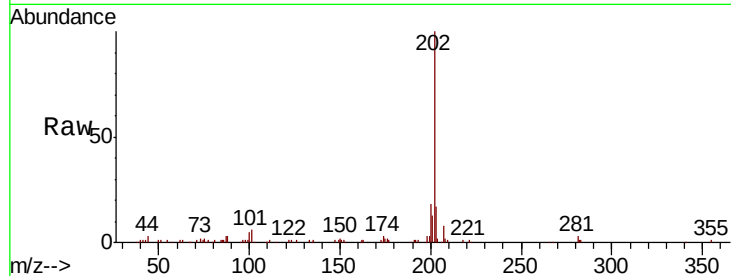
Tot Ion:202 Resp: 135639

Ion Ratio Lower Upper

202 100

101 6.1 0.0 28.4

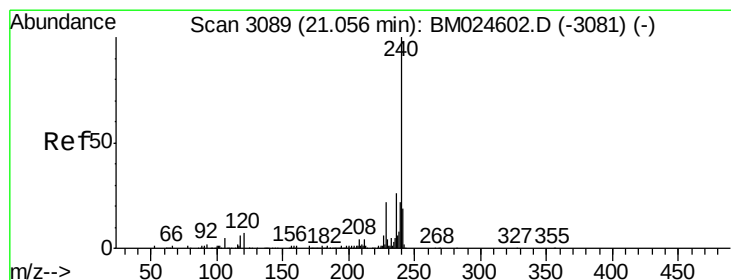
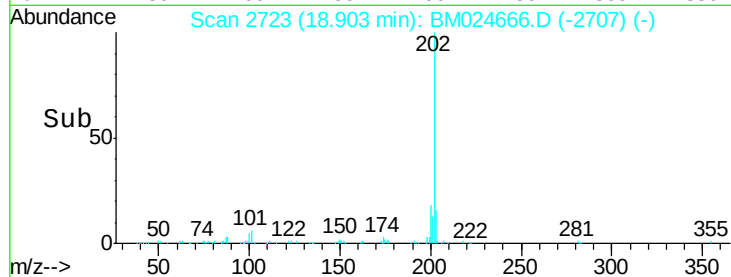
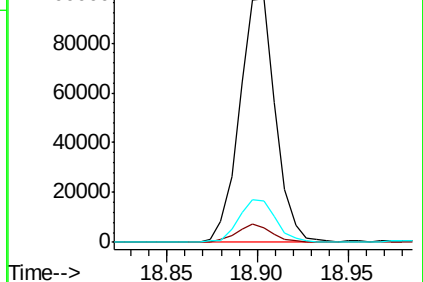
203 17.0 0.0 37.5



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: BM024666.D

Acq: 30 Jan 2020 19:44

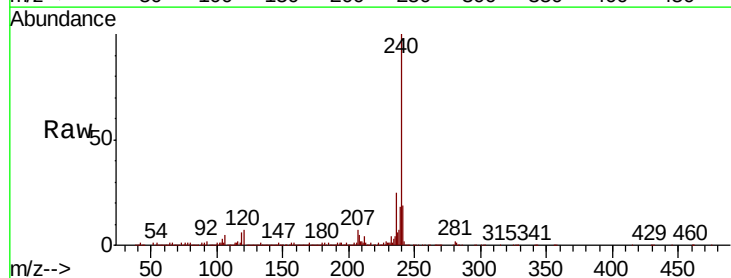
Tgt Ion:240 Resp: 1120708

Ion Ratio Lower Upper

240 100

120 6.9 5.3 7.9

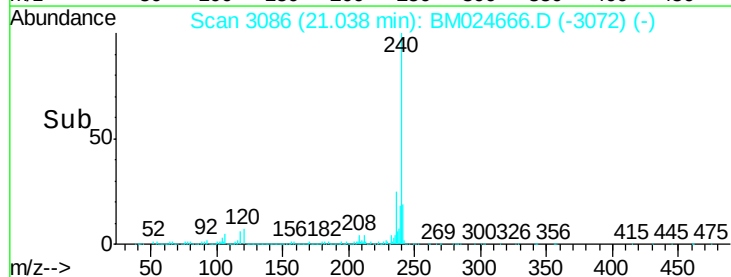
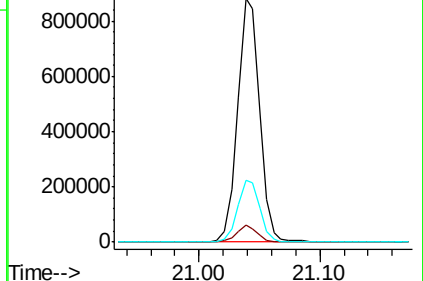
236 25.4 20.6 31.0

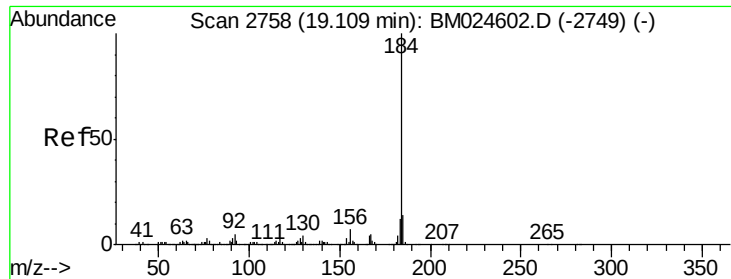


Abundance Ion 240.00 (239.70 to 240.70): E

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: 19.15 min Scan# 2765

Delta R.T. 0.04 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

Instrument :

BNA_M

ClientSampleId :

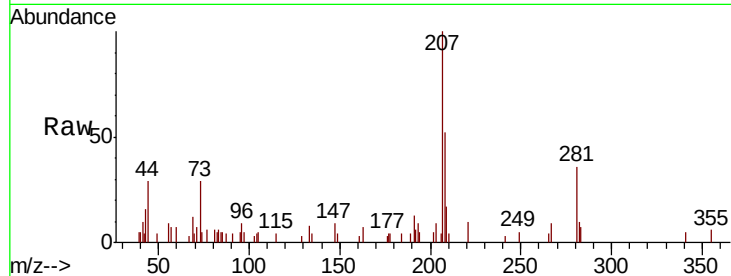
Tot Ion:184 Resp: 130

Ion Ratio Lower Upper

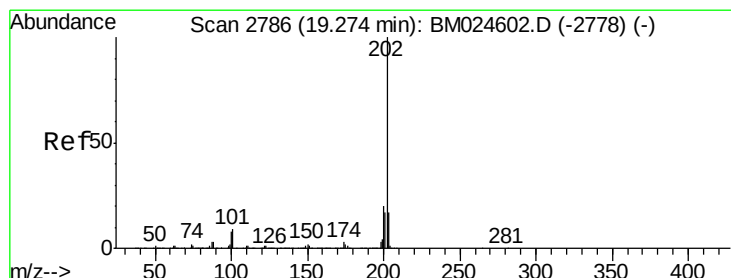
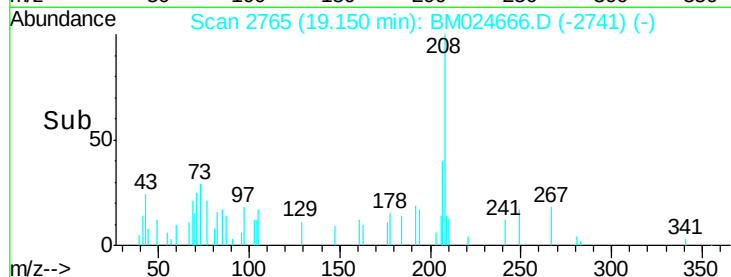
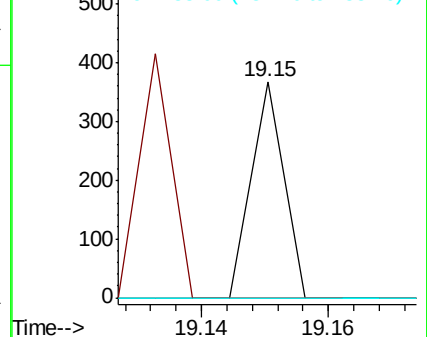
184 100

185 0.0 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: 1.777 ng

RT: 19.26 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

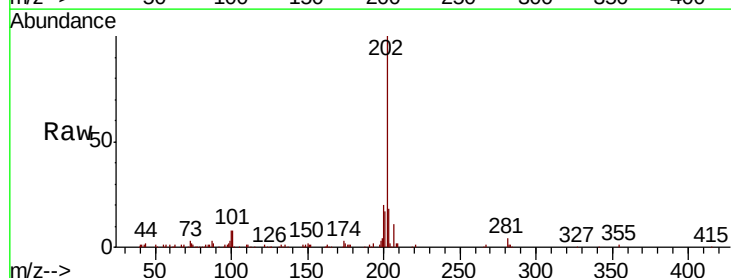
Tgt Ion:202 Resp: 131269

Ion Ratio Lower Upper

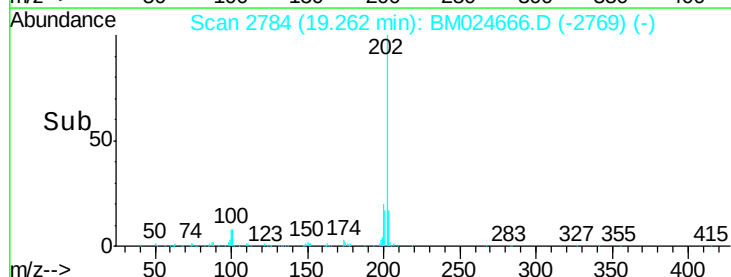
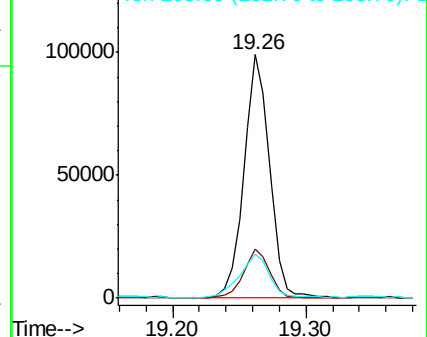
202 100

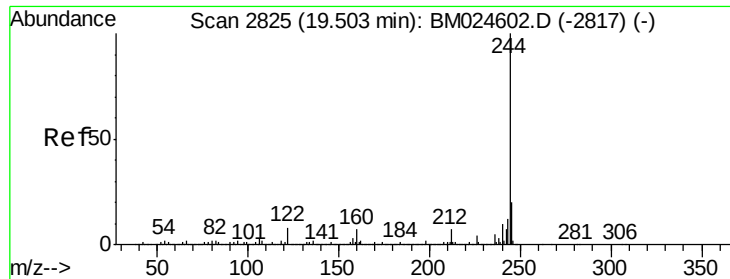
200 20.3 16.2 24.2

203 17.8 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: 60.399 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

Instrument :

BNA_M

ClientSampled :

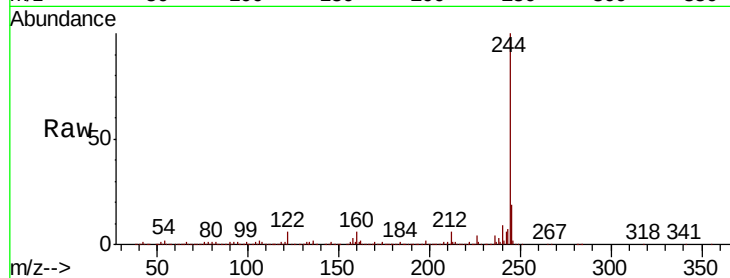
Tot Ion:244 Resp: 3625789

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

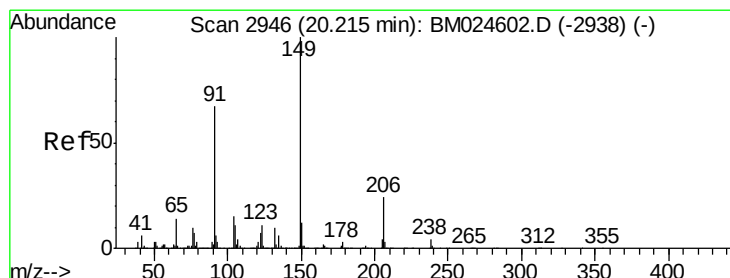
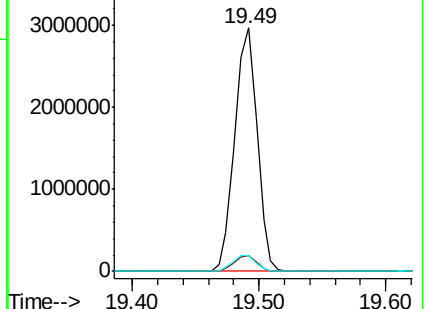
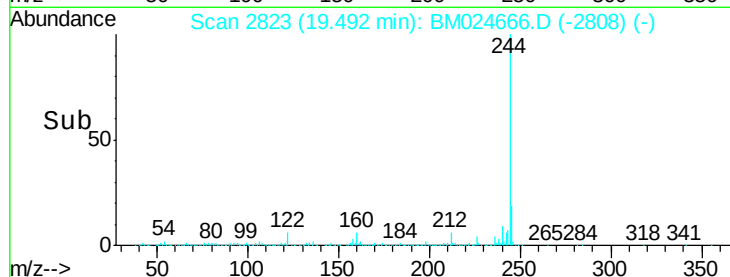
122 6.5 6.2 9.4



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: 0.027 ng

RT: 20.20 min Scan# 2943

Delta R.T. -0.02 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

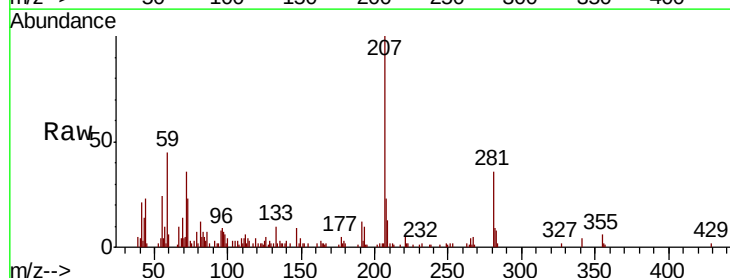
Tgt Ion:149 Resp: 828

Ion Ratio Lower Upper

149 100

91 64.6 53.9 80.9

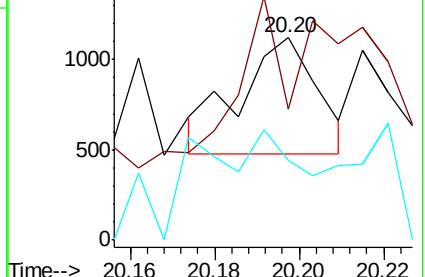
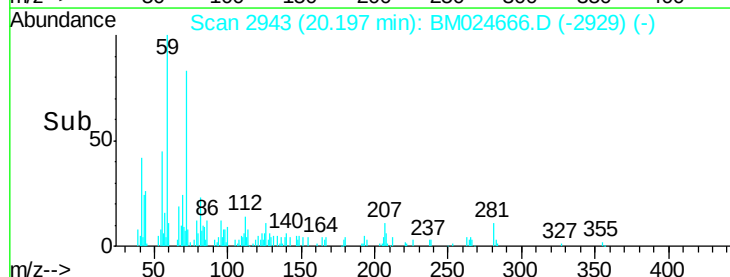
206 39.2 19.0 28.6#

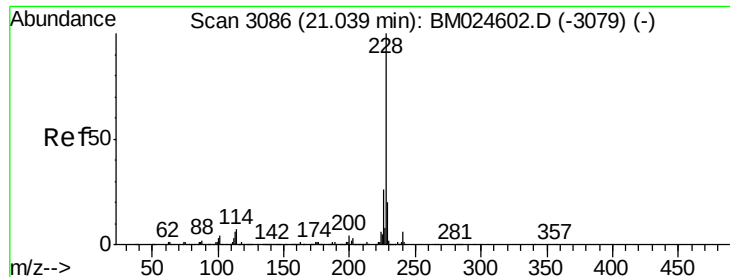


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.991 ng

RT: 21.03 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

Instrument :

BNA_M

ClientSampleId :

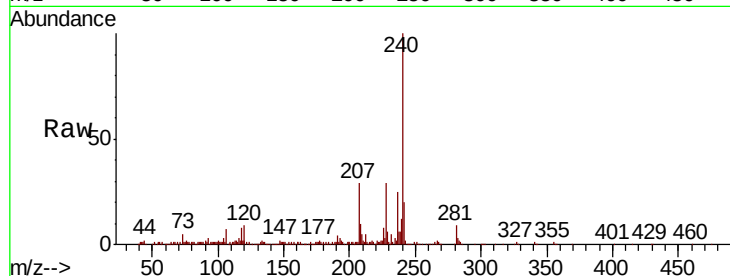
Tot Ion:228 Resp: 77070

Ion Ratio Lower Upper

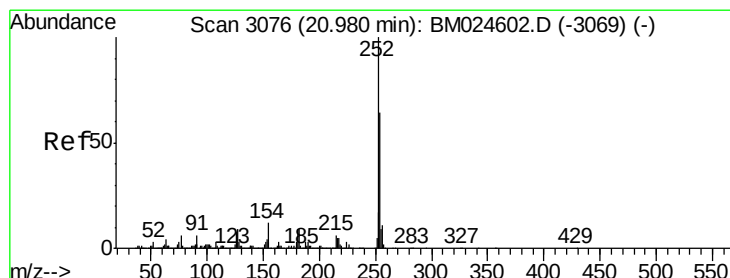
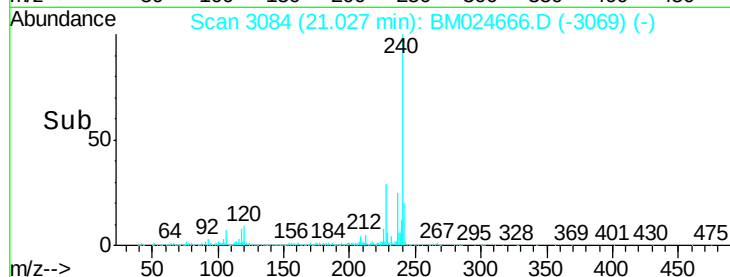
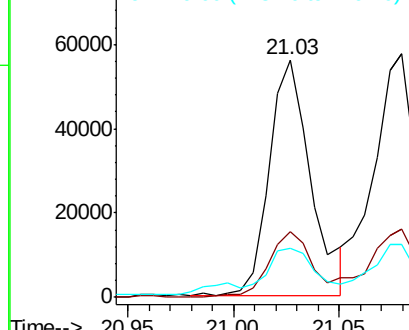
228 100

226 27.9 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: 0.038 ng

RT: 21.00 min Scan# 3079

Delta R.T. 0.02 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

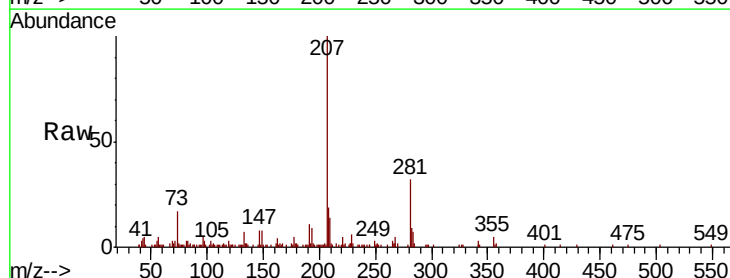
Tgt Ion:252 Resp: 1056

Ion Ratio Lower Upper

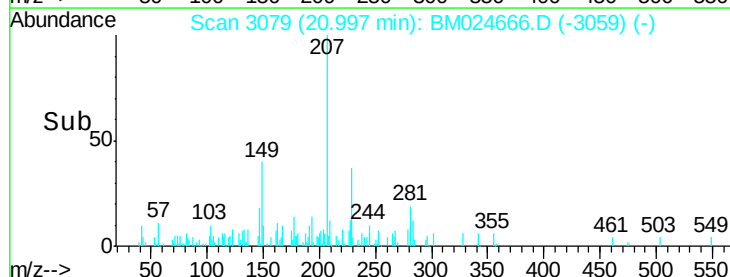
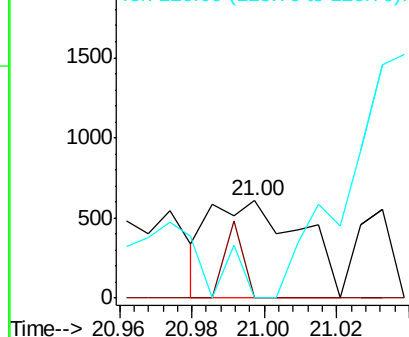
252 100

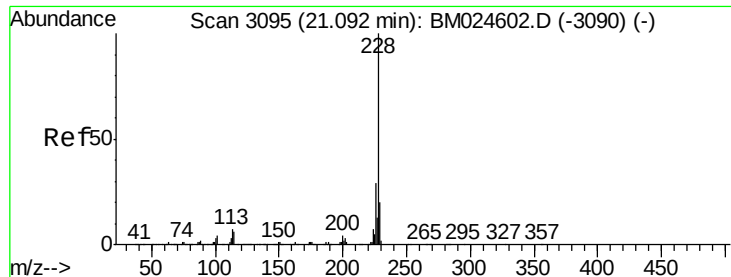
254 0.0 51.5 77.3#

126 0.0 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

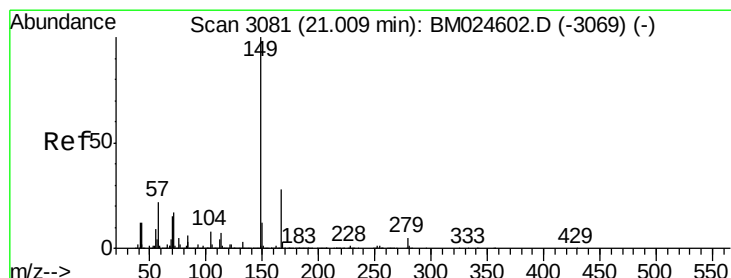
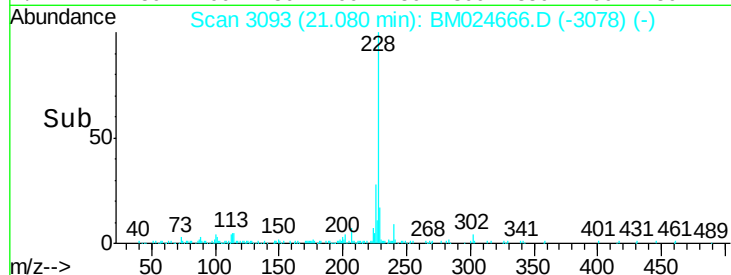
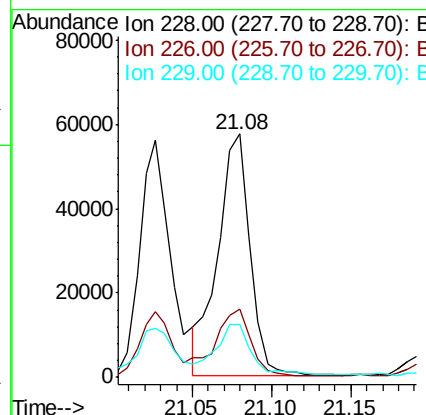
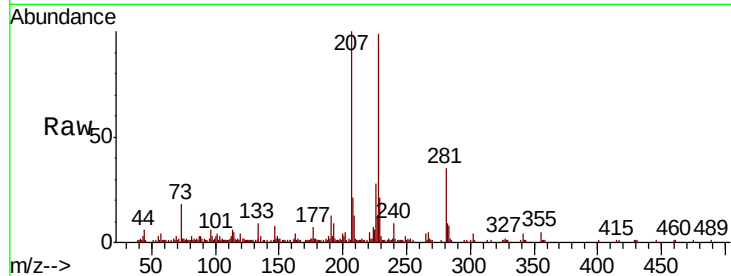




#83
 Chrysene
 Concen: 1.099 ng
 RT: 21.08 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BM024666.D
 Acq: 30 Jan 2020 19:44

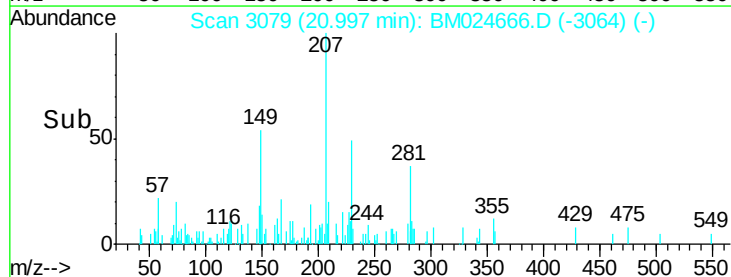
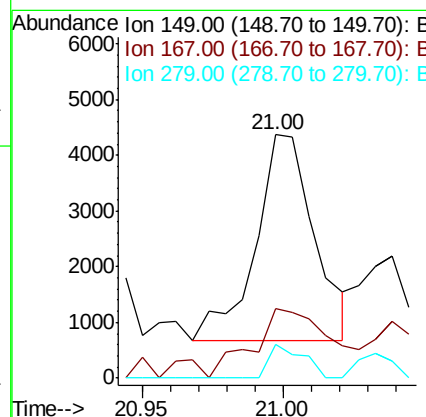
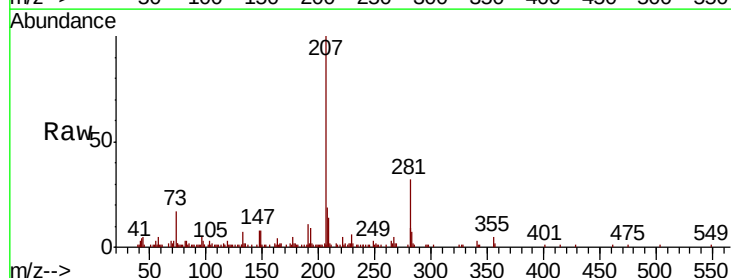
Instrument :
 BNA_M
 ClientSampleId :

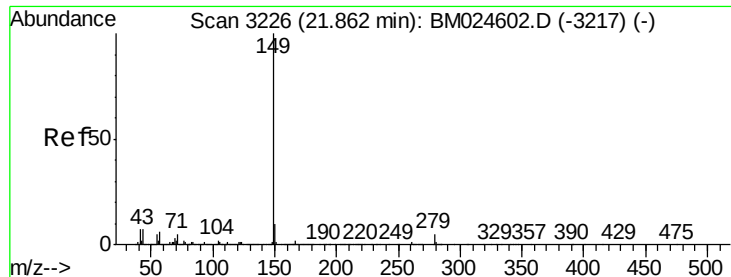
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.2	34.8
229	21.5	15.7	23.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.117 ng
 RT: 21.00 min Scan# 3079
 Delta R.T. -0.01 min
 Lab File: BM024666.D
 Acq: 30 Jan 2020 19:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.5	33.7
279	14.1	4.0	6.0





#85

Di-n-octyl phthalate

Concen: 0.013 ng

RT: 21.85 min Scan# 3224

Delta R.T. -0.01 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

Instrument :

BNA_M

ClientSampleId :

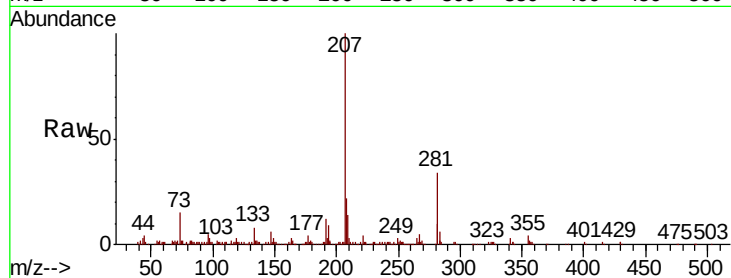
Tot Ion:149 Resp: 1000

Ion Ratio Lower Upper

149 100

167 35.7 1.3 1.9#

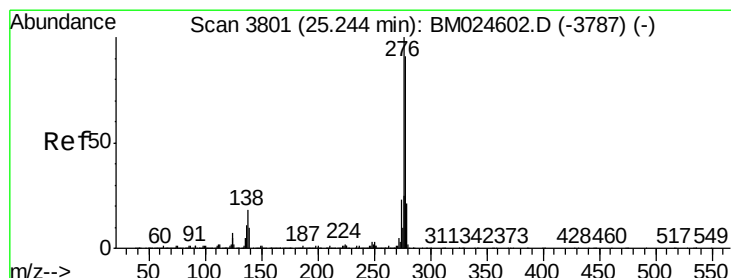
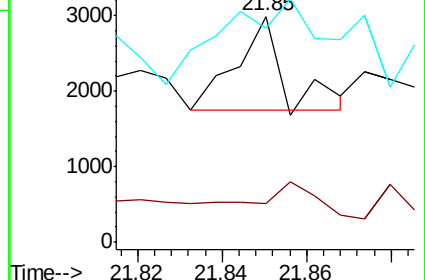
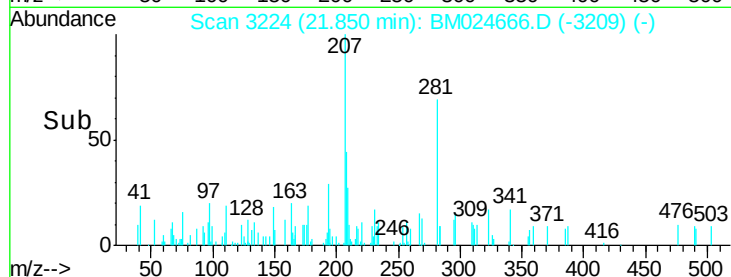
43 222.0 5.8 8.6#



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): BM0



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.749 ng

RT: 25.21 min Scan# 3795

Delta R.T. -0.04 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

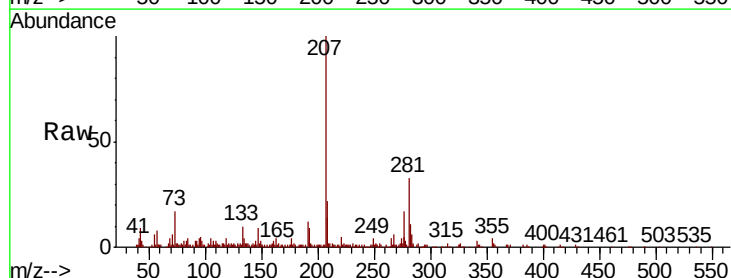
Tgt Ion:276 Resp: 60628

Ion Ratio Lower Upper

276 100

138 13.1 13.4 20.0#

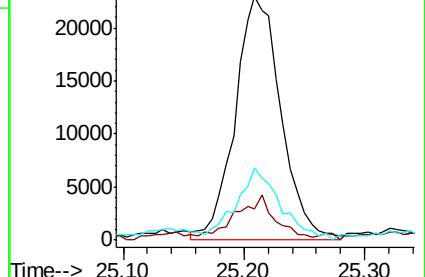
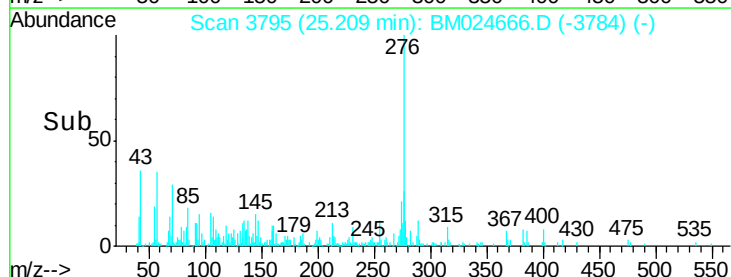
277 28.3 19.6 29.4

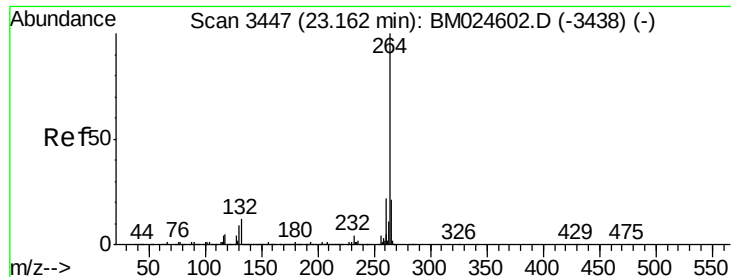


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



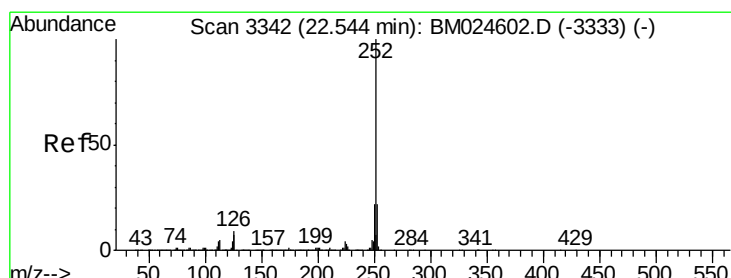
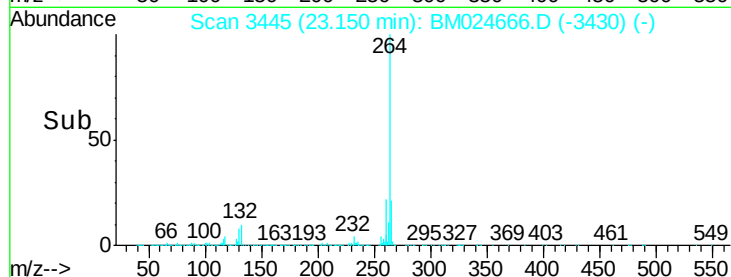
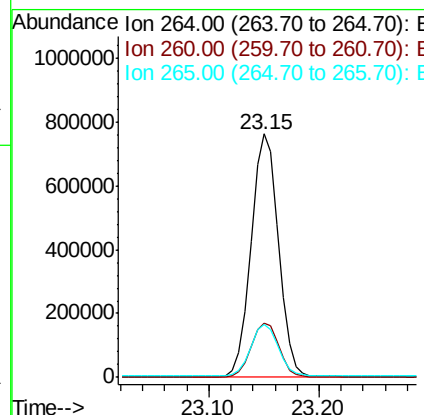
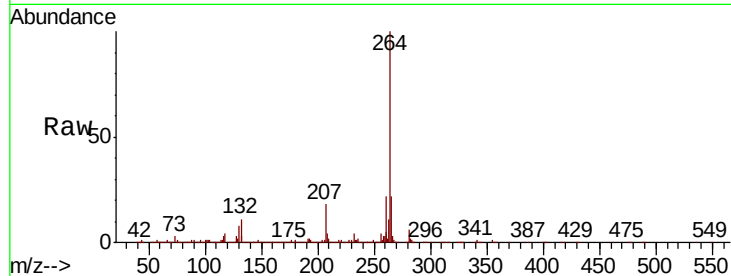


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.15 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM024666.D
Acq: 30 Jan 2020 19:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1334104

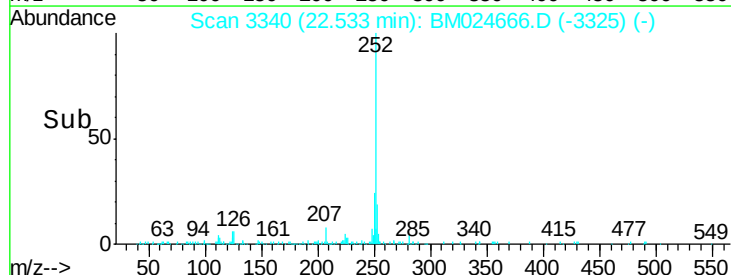
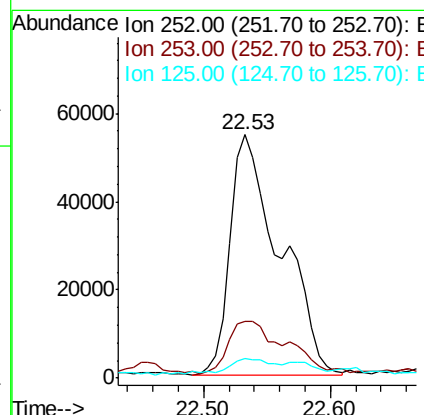
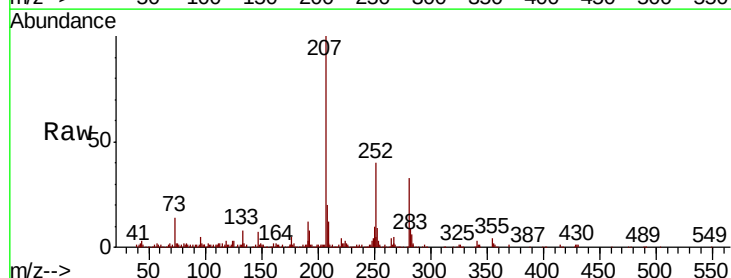
Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.9	26.9
265	21.5	17.3	25.9

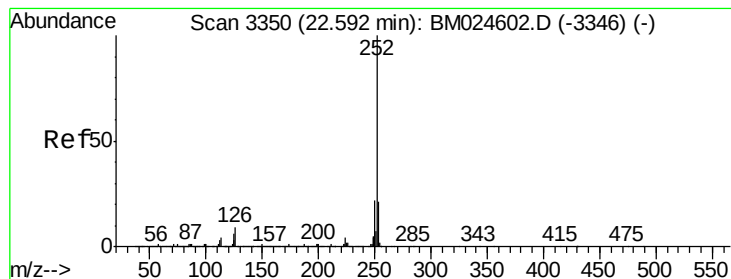


#88
Benzo(b)fluoranthene
Concen: 1.722 ng
RT: 22.53 min Scan# 3340
Delta R.T. -0.01 min
Lab File: BM024666.D
Acq: 30 Jan 2020 19:44

Tgt Ion:252 Resp: 148992

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	8.2	5.7	8.5





#89

Benzo(k)fluoranthene

Concen: 1.764 ng

RT: 22.53 min Scan# 3340

Delta R.T. -0.06 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

Instrument :

BNA_M

ClientSampleId :

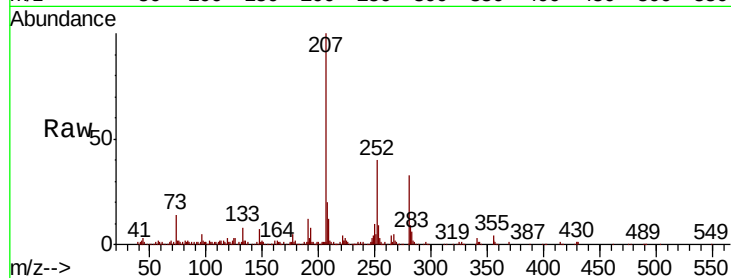
Tot Ion:252 Resp: 148992

Ion Ratio Lower Upper

252 100

253 23.1 17.3 25.9

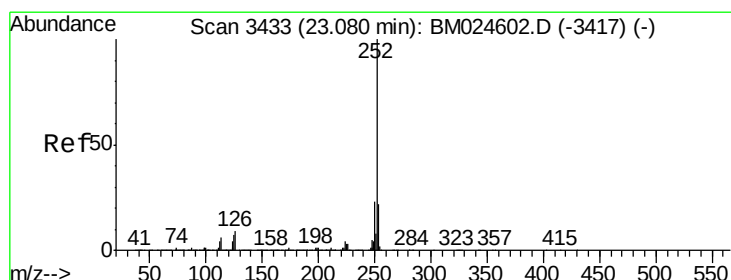
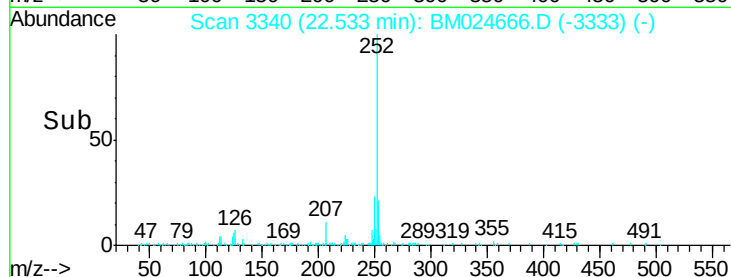
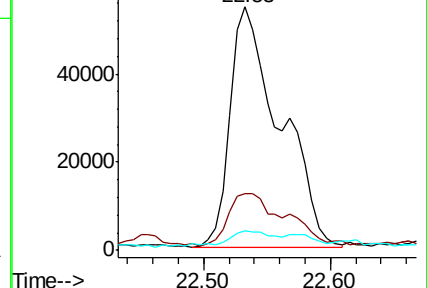
125 8.2 5.2 7.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 1.010 ng

RT: 23.06 min Scan# 3430

Delta R.T. -0.02 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

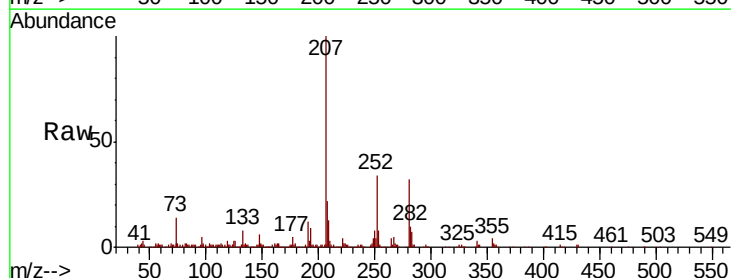
Tgt Ion:252 Resp: 79448

Ion Ratio Lower Upper

252 100

253 24.4 17.3 25.9

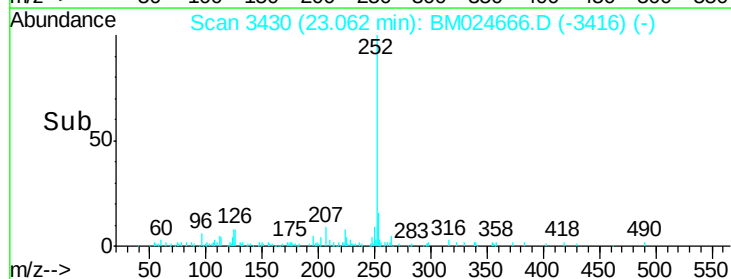
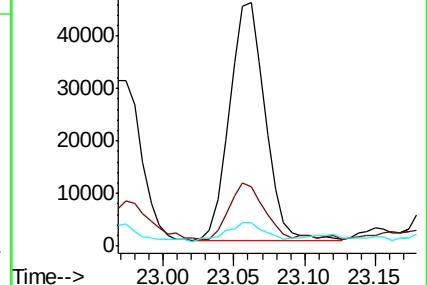
125 9.6 5.8 8.8#

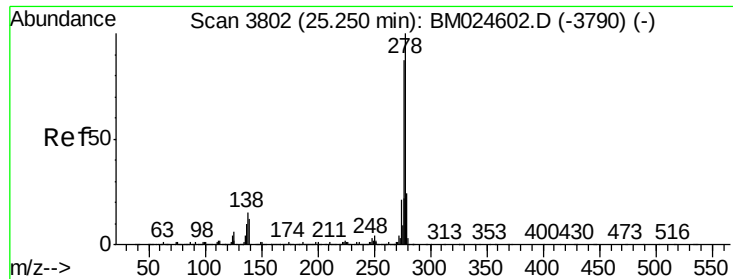


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

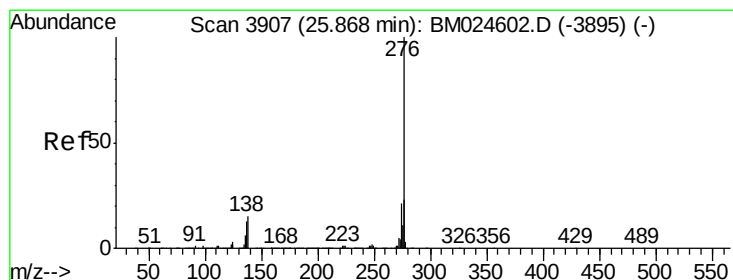
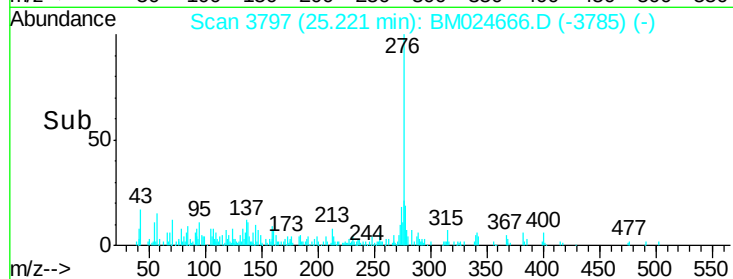
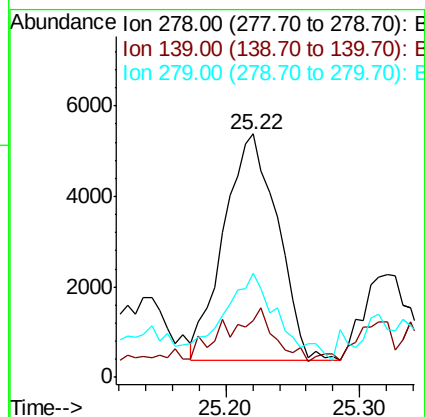
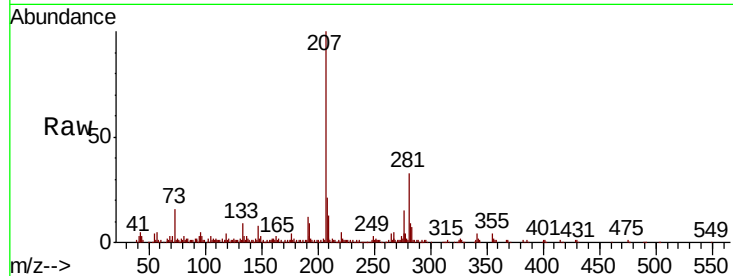




#91
Dibenzo(a,h)anthracene
Concen: 0.187 ng
RT: 25.22 min Scan# 3797
Delta R.T. -0.03 min
Lab File: BM024666.D
Acq: 30 Jan 2020 19:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 13989
Ion Ratio Lower Upper
278 100
139 23.2 9.3 13.9#
279 43.0 18.9 28.3#



#92
Benzo(g,h,i)perylene
Concen: 0.829 ng
RT: 25.83 min Scan# 3901
Delta R.T. -0.04 min
Lab File: BM024666.D
Acq: 30 Jan 2020 19:44

Tgt Ion:276 Resp: 56188
Ion Ratio Lower Upper
276 100
277 22.8 18.6 28.0
138 11.8 11.9 17.9#

