

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
 Data File : BM024654.D
 Acq On : 29 Jan 2020 17:29
 Operator : CG/JU
 Sample : L1287-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 30 02:56:09 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	7.44	152	440374	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1579472	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	940006	20.00	ng	0.00
64) Phenanthrene-d10	16.85	188	1583998	20.00	ng	0.00
76) Chrysene-d12	21.06	240	1343691	20.00	ng	0.00
87) Perylene-d12	23.18	264	1613487	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	2193178	94.71	ng	0.00
7) Phenol-d6	6.65	99	2740872	85.92	ng	0.00
23) Nitrobenzene-d5	8.58	82	1760971	54.68	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1171957	76.65	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	3787237	54.77	ng	0.00
79) Terphenyl-d14	19.50	244	3968175	55.13	ng	0.00

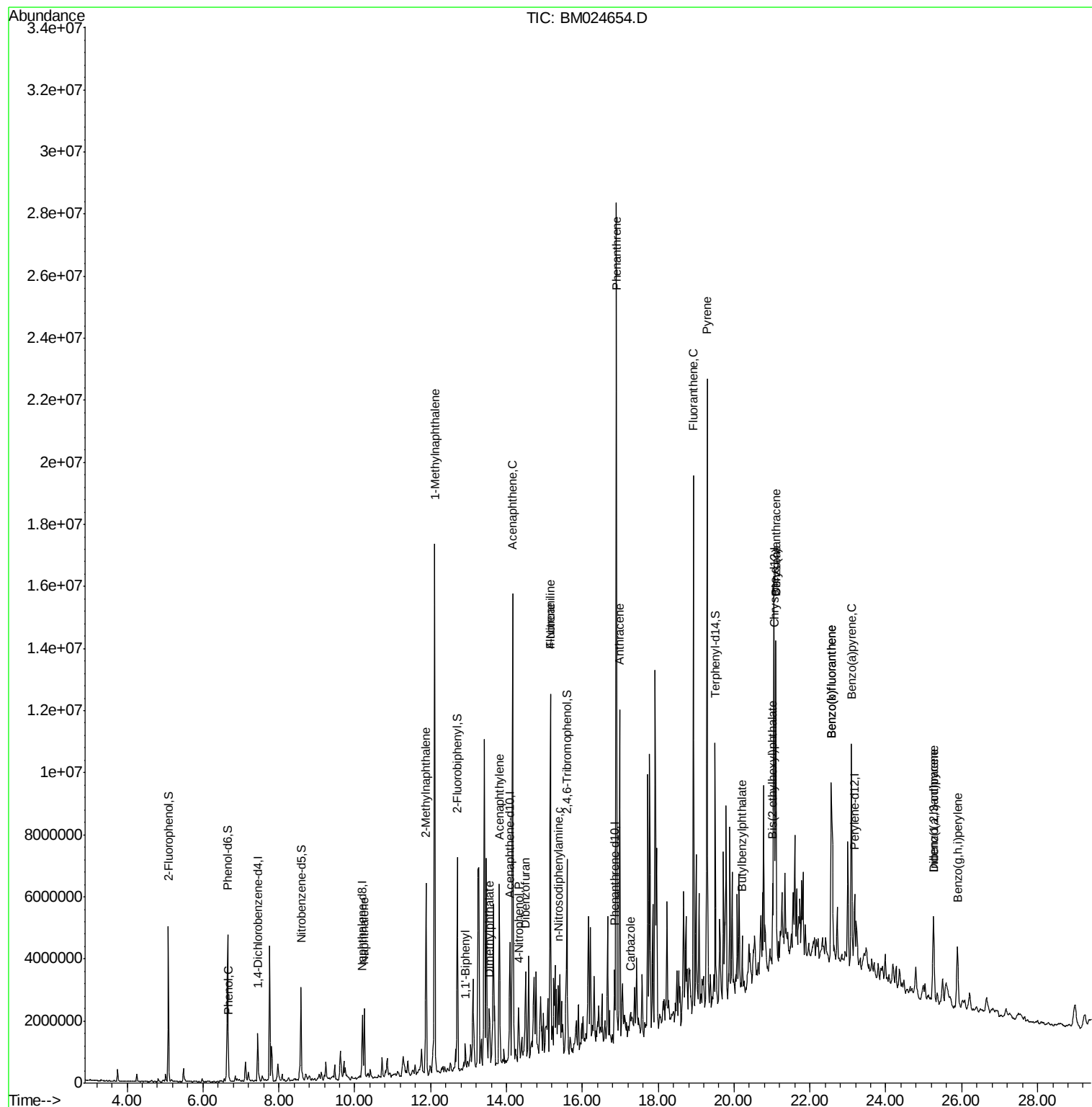
Target Compounds				Qvalue		
10) Phenol	6.67	94	144762	4.553	ng	94
31) Naphthalene	10.25	128	1802913	22.600	ng	100
37) 2-Methylnaphthalene	11.88	142	2935885	47.688	ng	97
38) 1-Methylnaphthalene	12.11	142	8261756	141.079	ng	98
46) 1,1'-Biphenyl	12.92	154	349442	4.912	ng	98
49) Acenaphthylene	13.81	152	2957665	34.402	ng	# 96
50) Dimethylphthalate	13.56	163	529420	6.965	ng	99
52) Acenaphthene	14.16	154	5491193	102.931	ng	100
55) Dibenzofuran	14.50	168	668329	7.682	ng	# 91
56) 4-Nitrophenol	14.32	139	68181	5.204	ng	# 36
58) Fluorene	15.16	166	5271668	72.100	ng	98
62) 4-Nitroaniline	15.16	138	55745	3.013	ng	# 20
66) n-Nitrosodiphenylamine	15.37	169	114441	2.515	ng	# 1
71) Phenanthrene	16.89	178	16121170	187.945	ng	93
72) Anthracene	16.99	178	6788457	80.883	ng	99
73) Carbazole	17.25	167	331440	4.338	ng	# 91
75) Fluoranthene	18.93	202	10136498	94.683	ng	98
78) Pyrene	19.29	202	13265333	149.754	ng	96
80) Butylbenzylphthalate	20.22	149	563494	15.160	ng	96
81) Benzo(a)anthracene	21.10	228	5654764	60.634	ng	94
83) Chrysene	21.10	228	5887911	66.164	ng	97
84) Bis(2-ethylhexyl)phthalate	21.02	149	937715	17.098	ng	# 96
86) Indeno(1,2,3-cd)pyrene	25.26	276	2469515	25.461	ng	97
88) Benzo(b)fluoranthene	22.56	252	7145108	68.278	ng	98
89) Benzo(k)fluoranthene	22.56	252	7114881	69.654	ng	97
90) Benzo(a)pyrene	23.09	252	5098348	53.586	ng	98
91) Dibenzo(a,h)anthracene	25.26	278	765069	8.472	ng	93
92) Benzo(g,h,i)perylene	25.89	276	2438286	29.736	ng	98

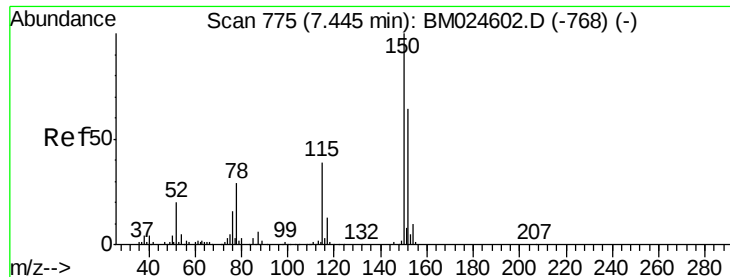
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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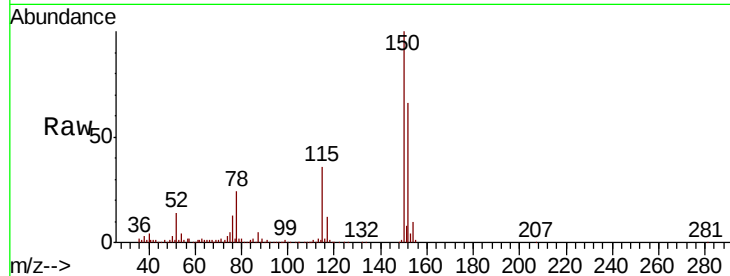


#1

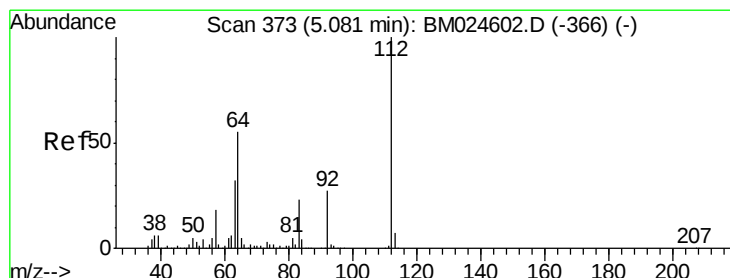
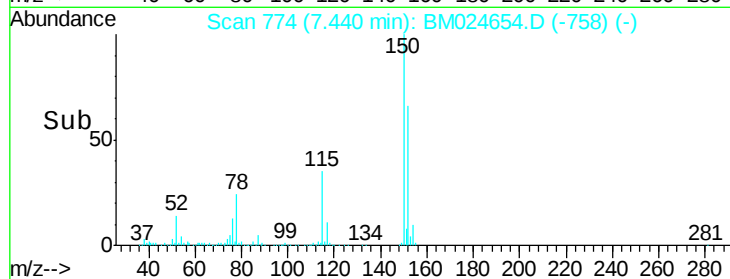
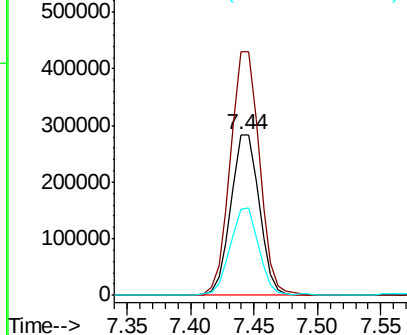
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024654.D
Acq: 29 Jan 2020 17:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 440374
Ion Ratio Lower Upper
152 100
150 151.2 124.2 186.4
115 53.9 48.6 72.8



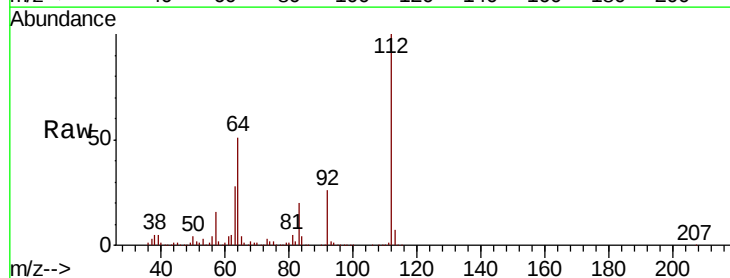
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



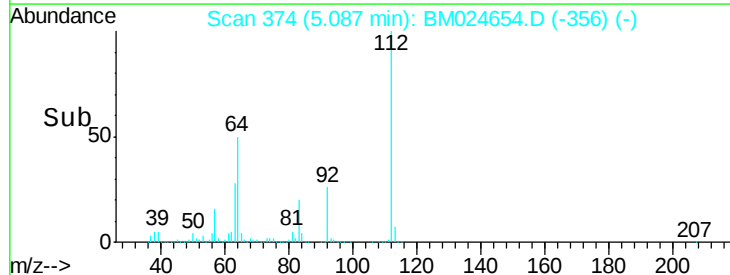
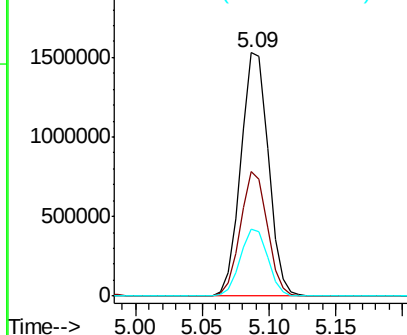
#5

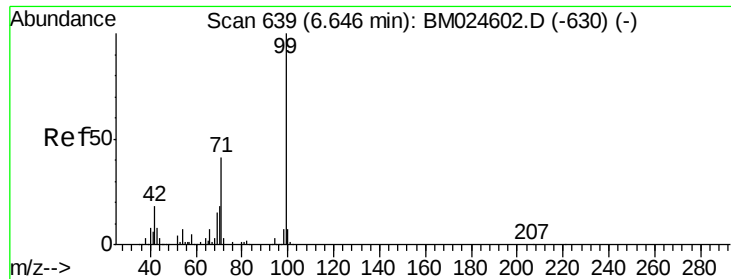
2-Fluorophenol
Concen: 94.713 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM024654.D
Acq: 29 Jan 2020 17:29

Tgt Ion:112 Resp: 2193178
Ion Ratio Lower Upper
112 100
64 51.0 44.2 66.4
63 27.7 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 85.923 ng

RT: 6.65 min Scan# 640

Delta R.T. 0.01 min

Lab File: BM024654.D

Acq: 29 Jan 2020 17:29

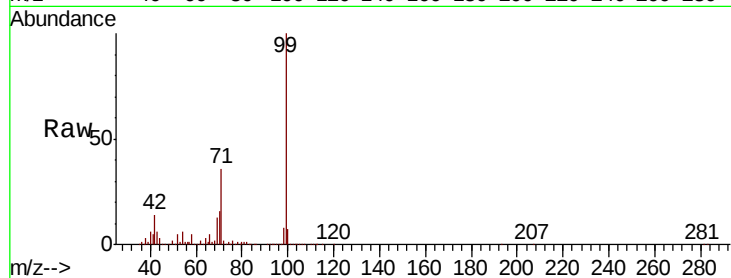
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2740872

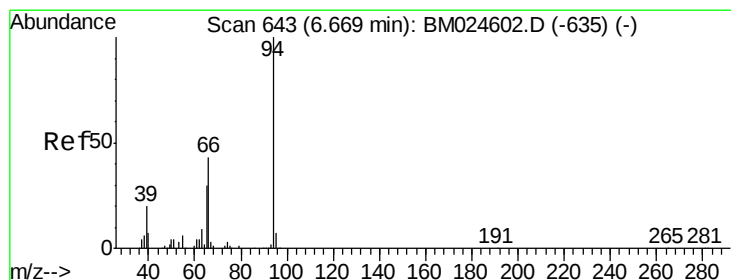
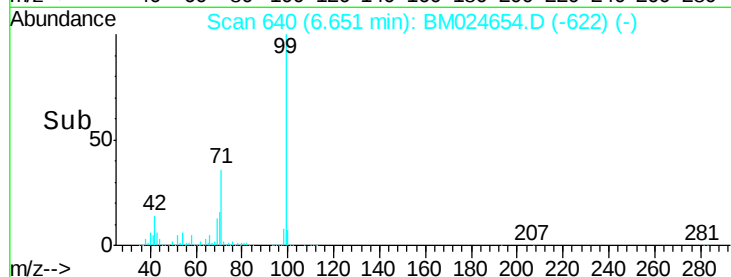
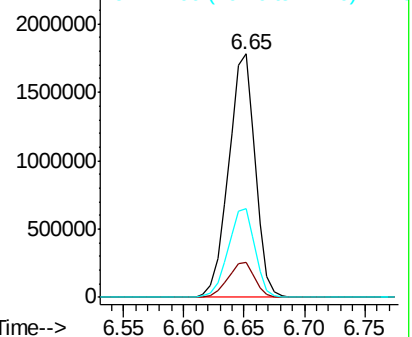
Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.1	21.1
71	36.4	33.0	49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024654.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024654.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024654.D (-622) (-)



#10

Phenol

Concen: 4.553 ng

RT: 6.67 min Scan# 644

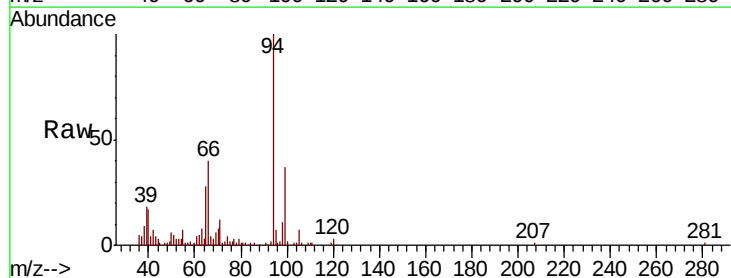
Delta R.T. 0.01 min

Lab File: BM024654.D

Acq: 29 Jan 2020 17:29

Tgt Ion: 94 Resp: 144762

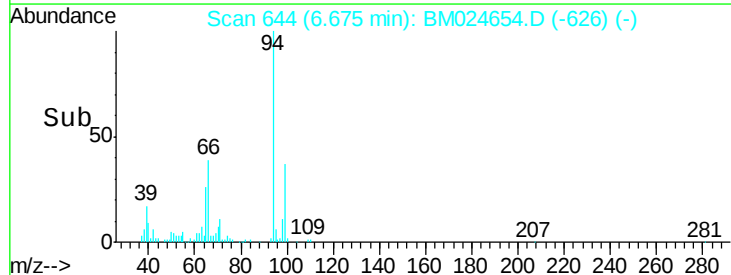
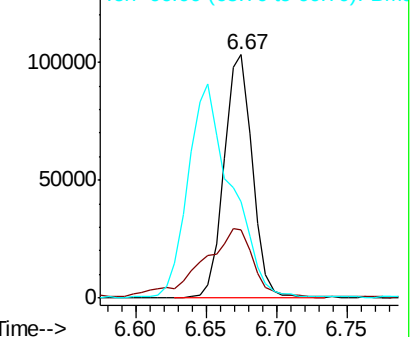
Ion	Ratio	Lower	Upper
94	100		
65	28.1	10.3	50.3
66	39.6	24.8	64.8

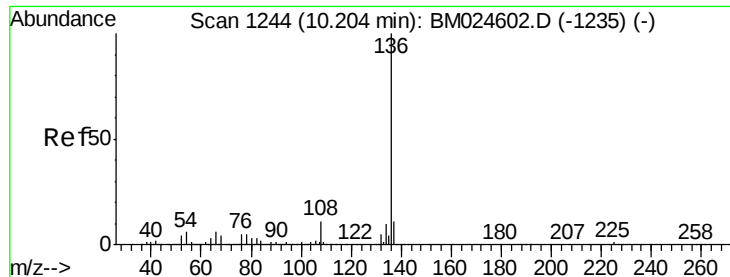


Abundance Ion 94.00 (93.70 to 94.70): BM024654.D (-626) (-)

Ion 65.00 (64.70 to 65.70): BM024654.D (-626) (-)

Ion 66.00 (65.70 to 66.70): BM024654.D (-626) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM024654.D

Acq: 29 Jan 2020 17:29

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 1579472

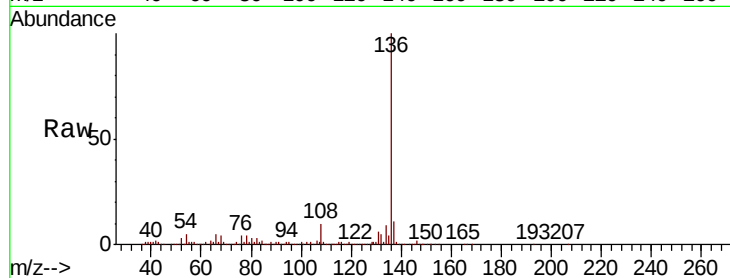
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 4.5 4.5 6.7

68 4.1 3.4 5.0

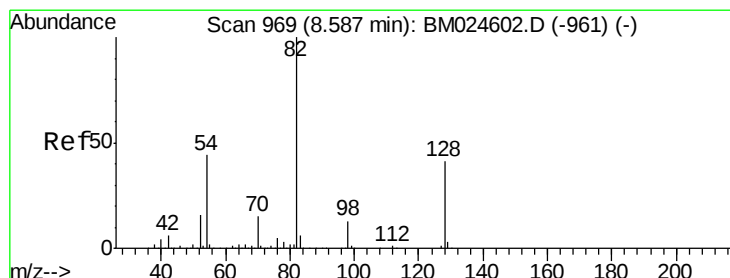
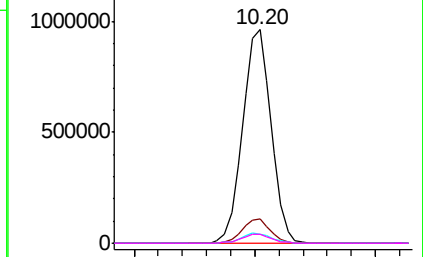
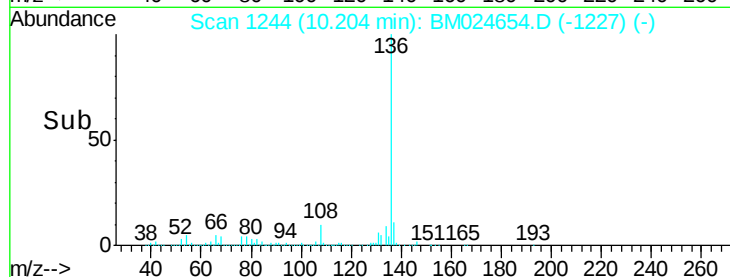


Abundance Ion 136.00 (135.70 to 136.70): E

1500000 Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 54.677 ng

RT: 8.58 min Scan# 968

Delta R.T. -0.01 min

Lab File: BM024654.D

Acq: 29 Jan 2020 17:29

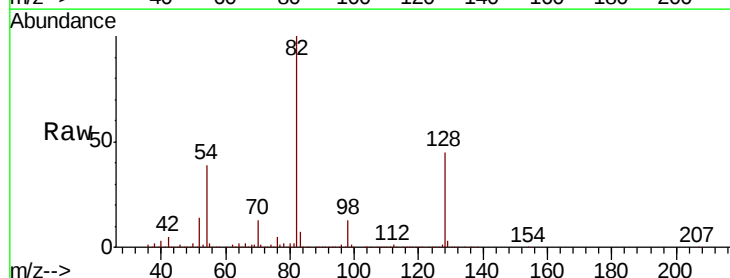
Tgt Ion: 82 Resp: 1760971

Ion Ratio Lower Upper

82 100

128 44.9 32.6 48.8

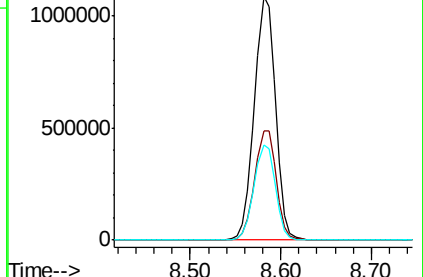
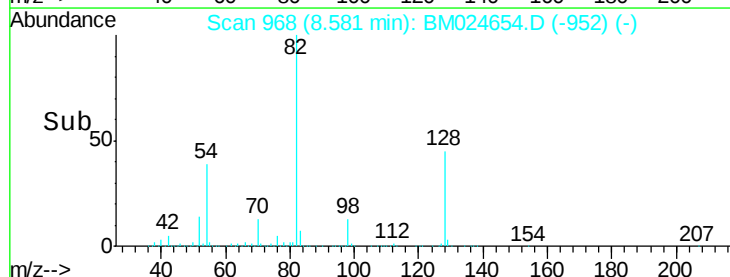
54 39.3 34.8 52.2

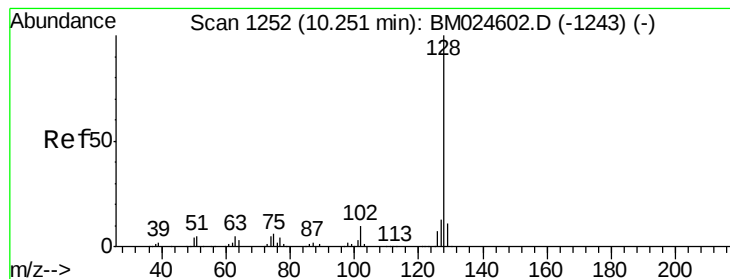


Abundance Ion 82.00 (81.70 to 82.70): BM

1500000 Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#31

Naphthalene

Concen: 22.600 ng

RT: 10.25 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM024654.D

Acq: 29 Jan 2020 17:29

Instrument :

BNA_M

ClientSampleId :

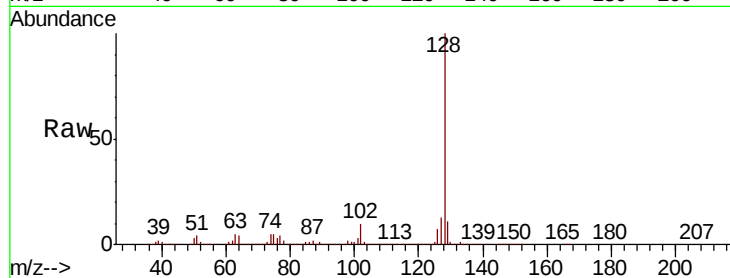
Tot Ion:128 Resp: 1802913

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

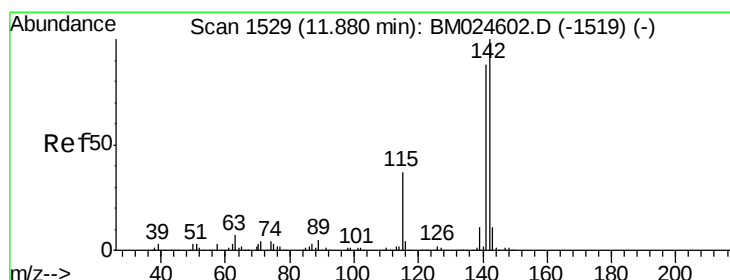
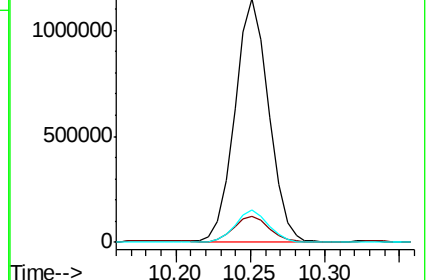
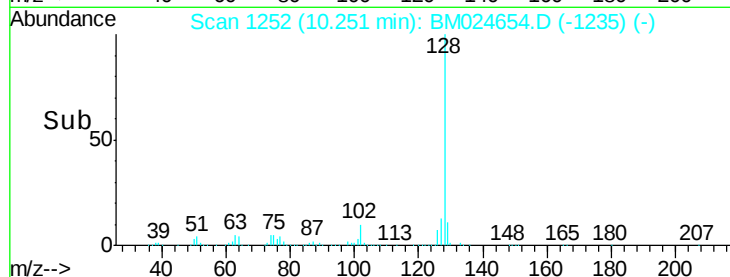
127 13.1 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 47.688 ng

RT: 11.88 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BM024654.D

Acq: 29 Jan 2020 17:29

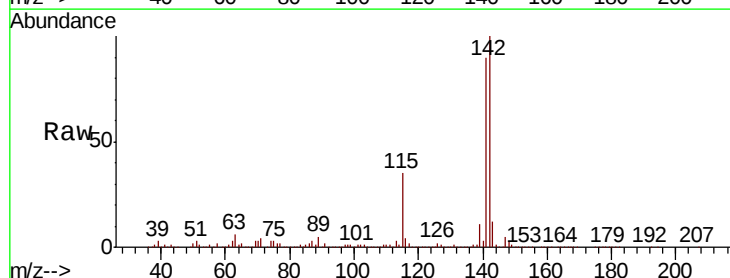
Tgt Ion:142 Resp: 2935885

Ion Ratio Lower Upper

142 100

141 90.0 70.2 105.2

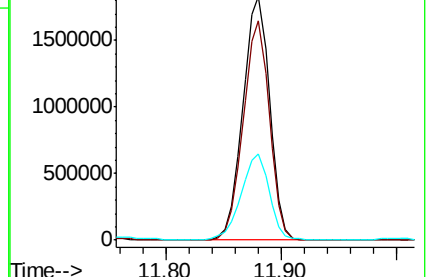
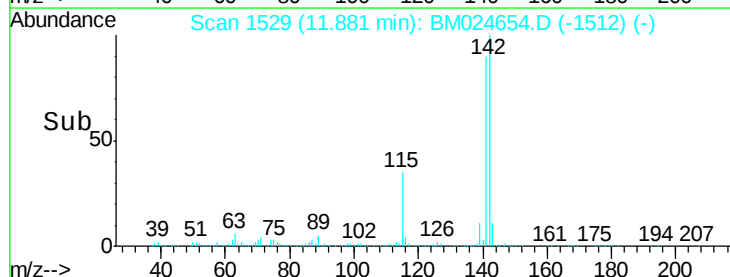
115 35.3 29.7 44.5

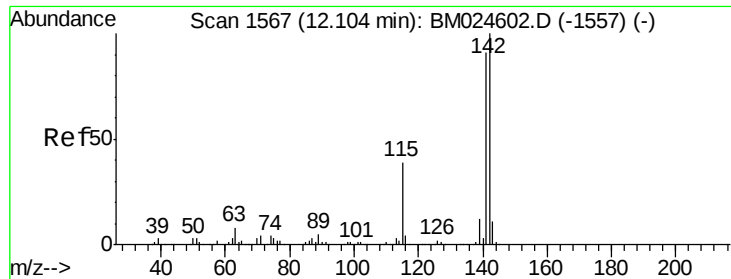


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

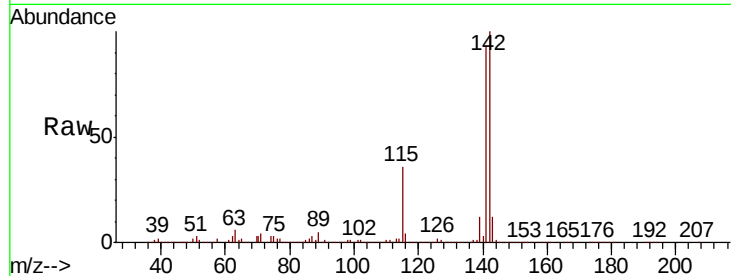




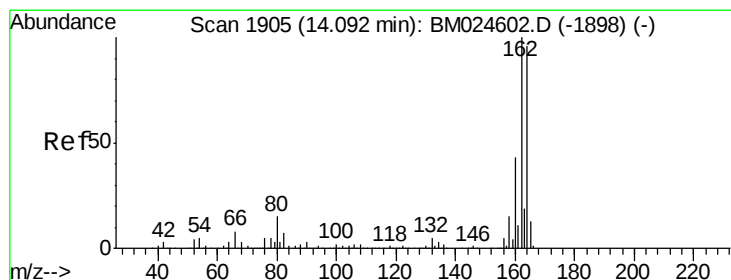
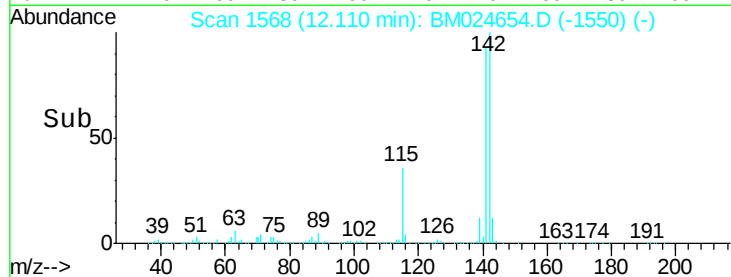
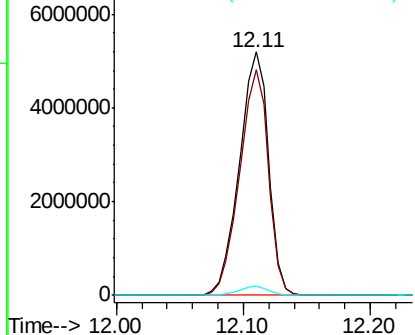
#38
 1-Methylnaphthalene
 Concen: 141.079 ng
 RT: 12.11 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: BM024654.D
 Acq: 29 Jan 2020 17:29

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:142 Resp: 8261756
 Ion Ratio Lower Upper
 142 100
 141 92.6 72.8 109.2
 116 3.8 3.2 4.8

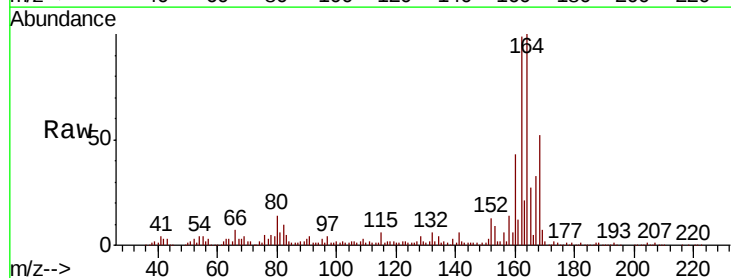


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

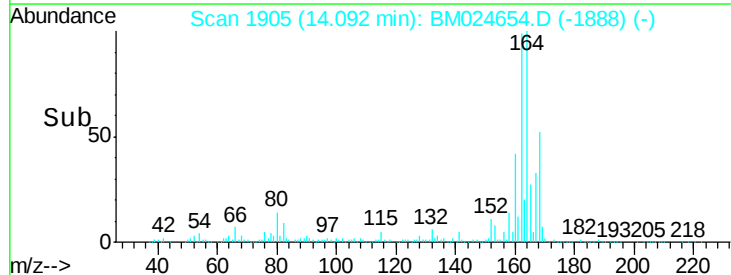
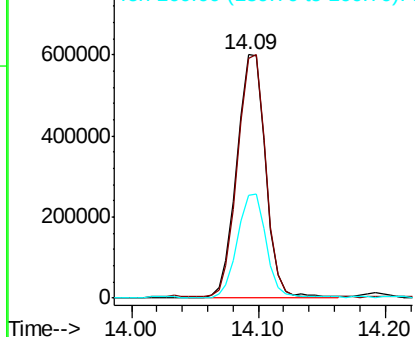


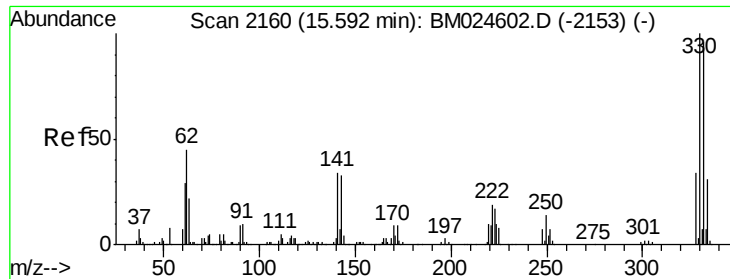
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. 0.00 min
 Lab File: BM024654.D
 Acq: 29 Jan 2020 17:29

Tgt Ion:164 Resp: 940006
 Ion Ratio Lower Upper
 164 100
 162 98.8 82.9 124.3
 160 42.5 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

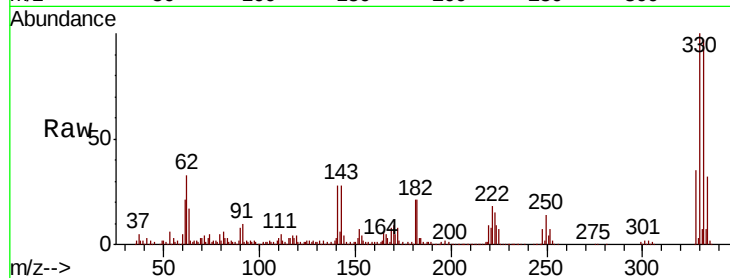




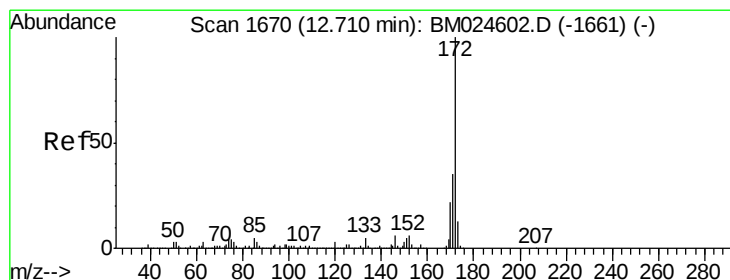
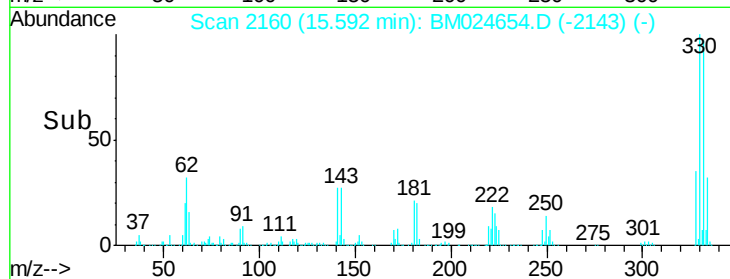
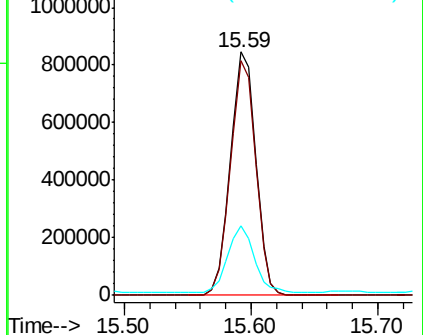
#42
 2,4,6-Tribromophenol
 Concen: 76.646 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BM024654.D
 Acq: 29 Jan 2020 17:29

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1171957
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.2 115.8
 141 29.0 26.9 40.3

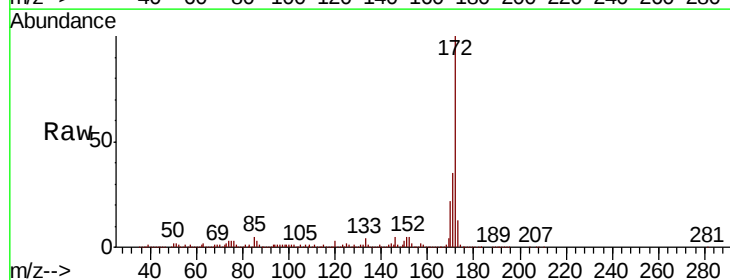


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

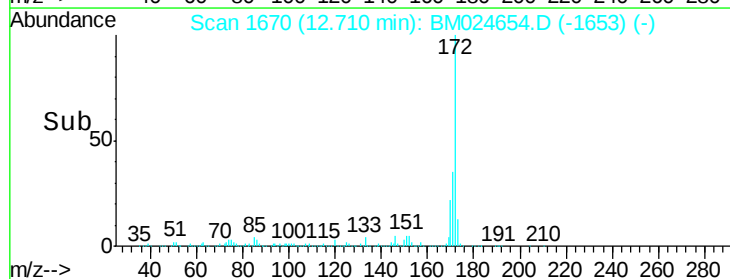
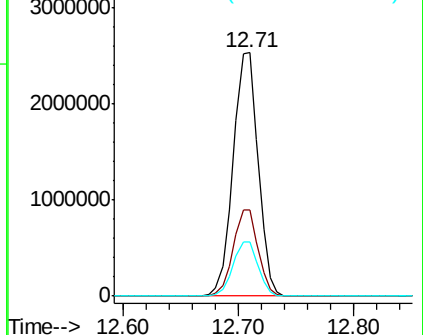


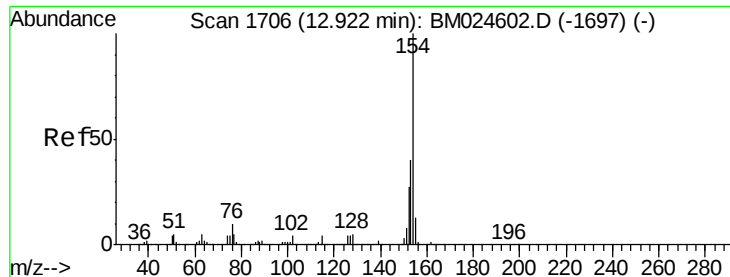
#45
 2-Fluorobiphenyl
 Concen: 54.774 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM024654.D
 Acq: 29 Jan 2020 17:29

Tgt Ion:172 Resp: 3787237
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.3 42.5
 170 22.4 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

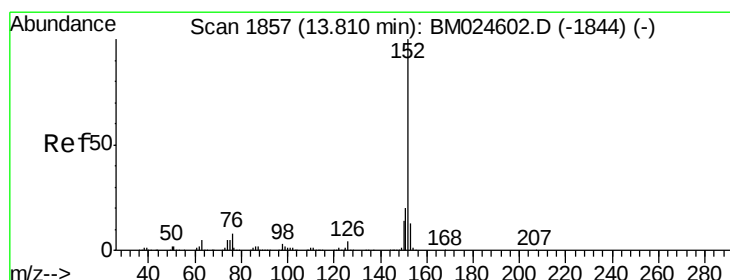
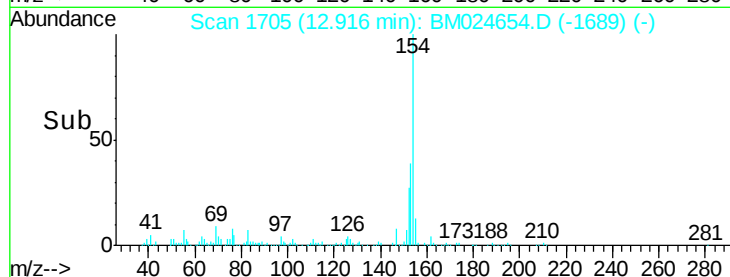
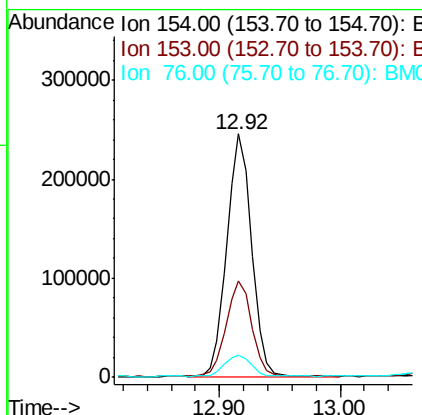
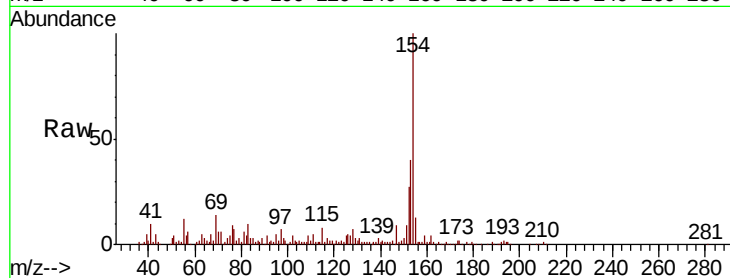




#46
 1,1'-Biphenyl
 Concen: 4.912 ng
 RT: 12.92 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM024654.D
 Acq: 29 Jan 2020 17:29

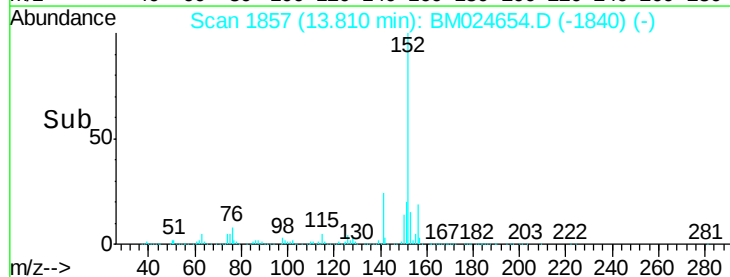
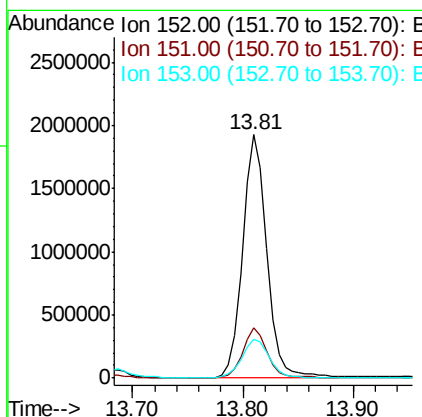
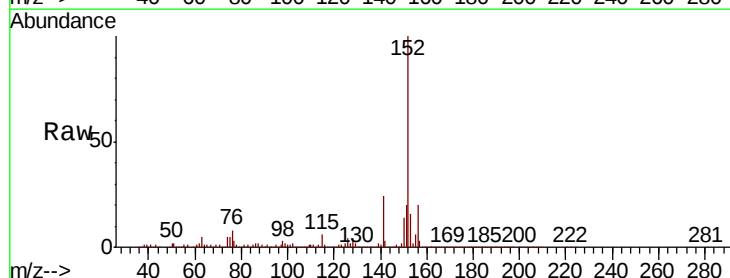
Instrument :
 BNA_M
 ClientSampleId :

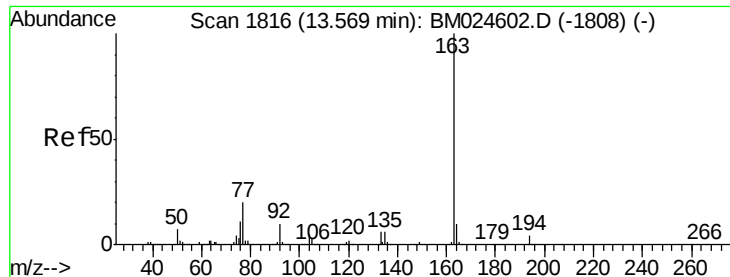
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.3	60.3
76	8.9	0.0	30.5



#49
 Acenaphthylene
 Concen: 34.402 ng
 RT: 13.81 min Scan# 1857
 Delta R.T. 0.00 min
 Lab File: BM024654.D
 Acq: 29 Jan 2020 17:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.6
153	16.0	10.4	15.6





#50

Dimethylphthalate

Concen: 6.965 ng

RT: 13.56 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BM024654.D

Acq: 29 Jan 2020 17:29

Instrument :

BNA_M

ClientSampled :

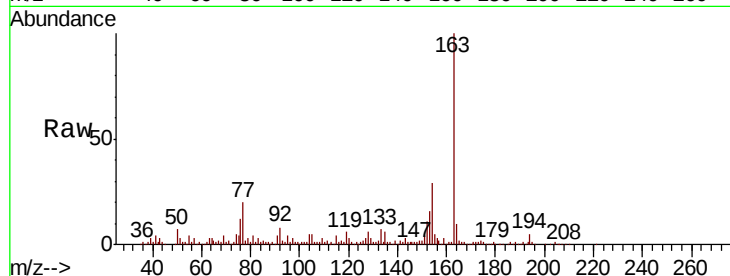
Tot Ion:163 Resp: 529420

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.0

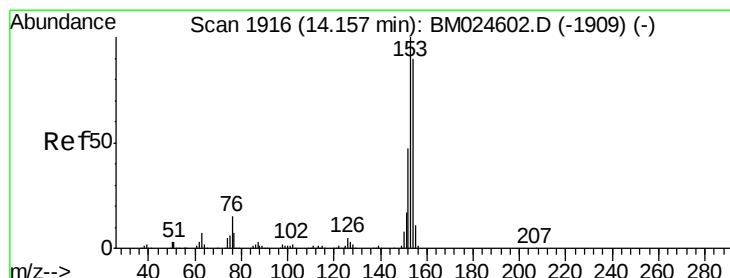
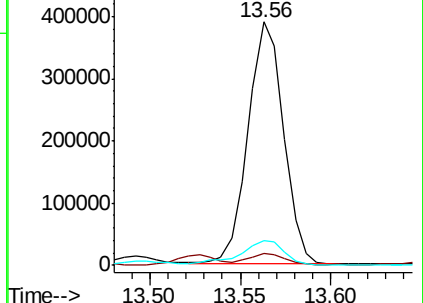
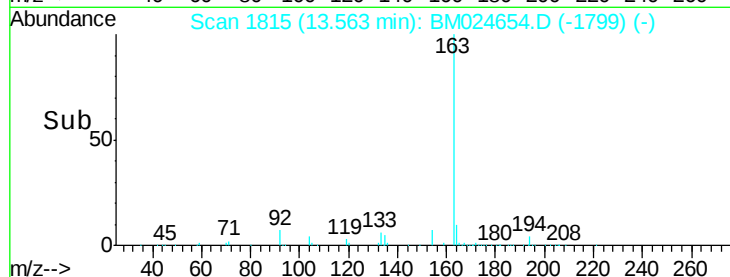
164 10.0 8.0 12.0



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: 102.931 ng

RT: 14.16 min Scan# 1917

Delta R.T. 0.01 min

Lab File: BM024654.D

Acq: 29 Jan 2020 17:29

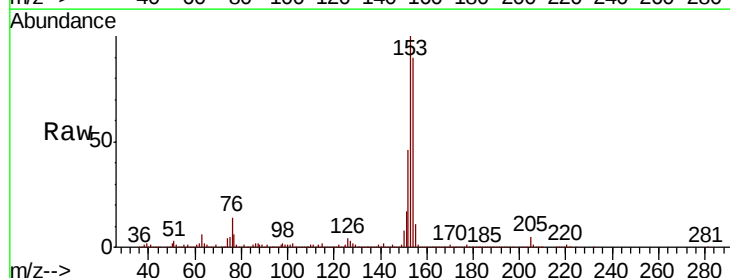
Tgt Ion:154 Resp: 5491193

Ion Ratio Lower Upper

154 100

153 111.3 89.1 133.7

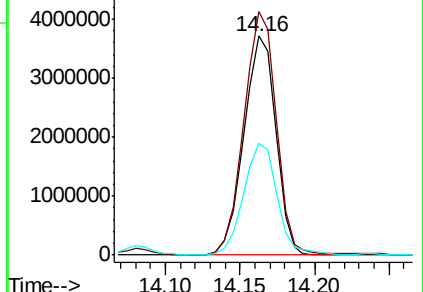
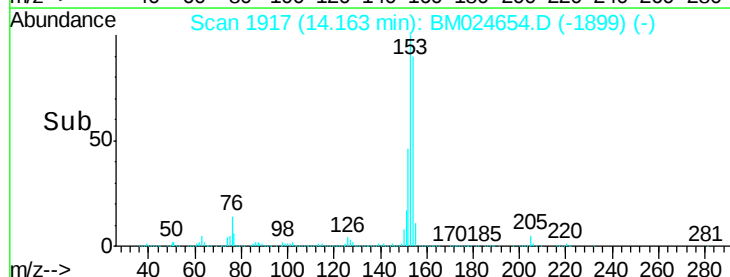
152 51.4 41.9 62.9

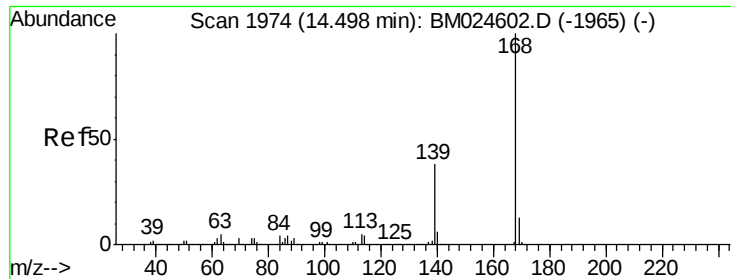


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

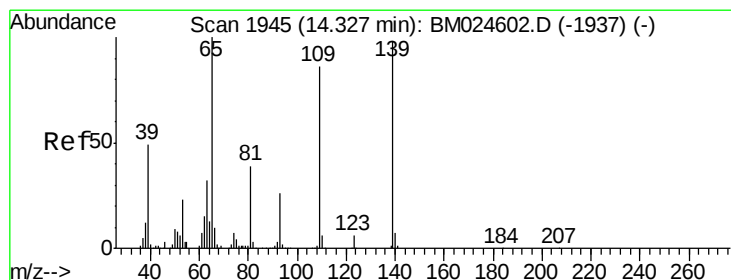
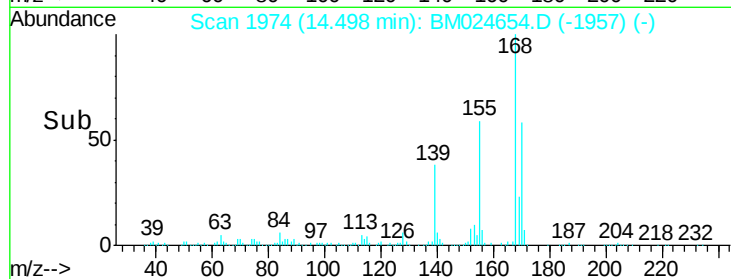
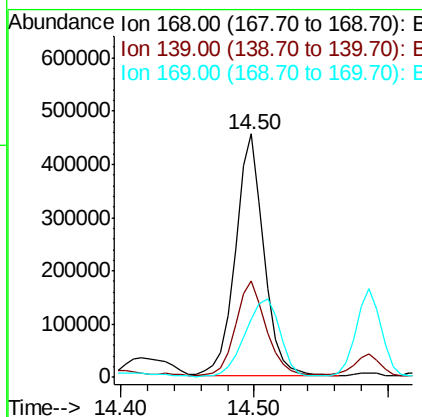
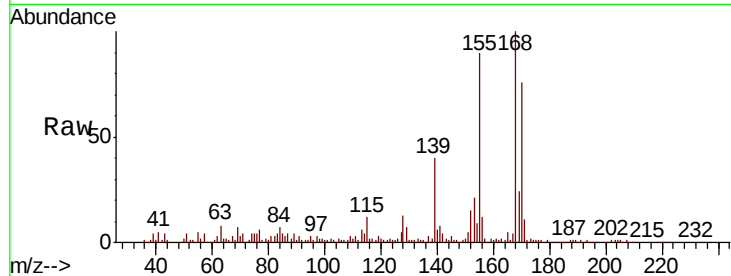




#55
Dibenzofuran
Concen: 7.682 ng
RT: 14.50 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BM024654.D
Acq: 29 Jan 2020 17:29

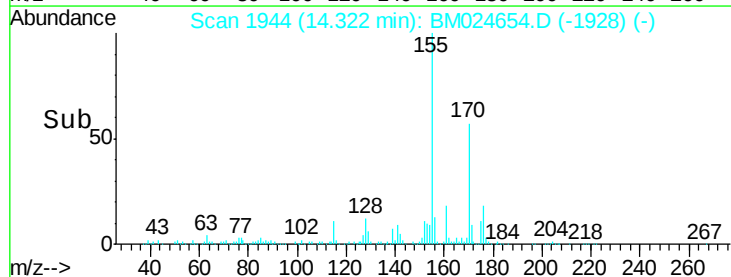
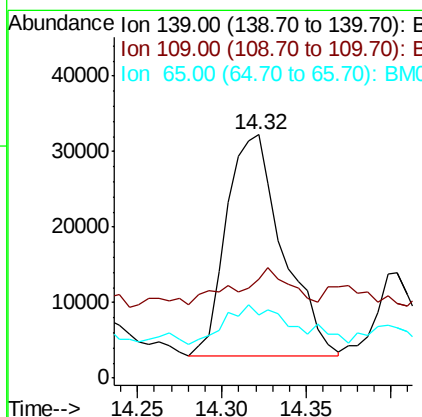
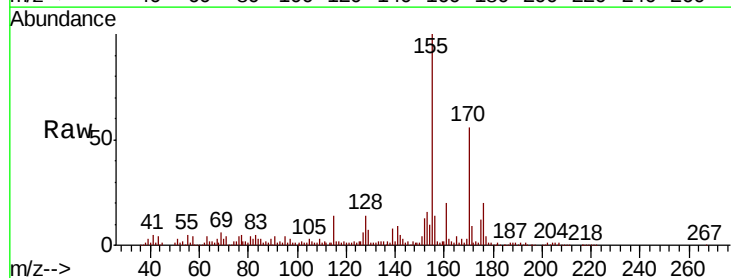
Instrument :
BNA_M
ClientSampleId :

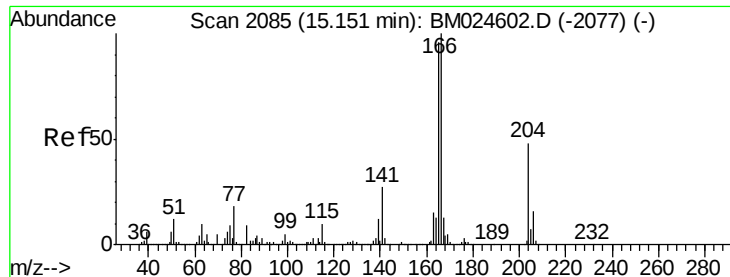
Tot Ion:168 Resp: 668329
Ion Ratio Lower Upper
168 100
139 39.6 30.2 45.4
169 23.8 10.7 16.1#



#56
4-Nitrophenol
Concen: 5.204 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM024654.D
Acq: 29 Jan 2020 17:29

Tgt Ion:139 Resp: 68181
Ion Ratio Lower Upper
139 100
109 40.8 67.4 107.4#
65 26.0 82.1 122.1#





#58

Fluorene

Concen: 72.100 ng

RT: 15.16 min Scan# 2086

Delta R.T. 0.01 min

Lab File: BM024654.D

Acq: 29 Jan 2020 17:29

Instrument :

BNA_M

ClientSampled :

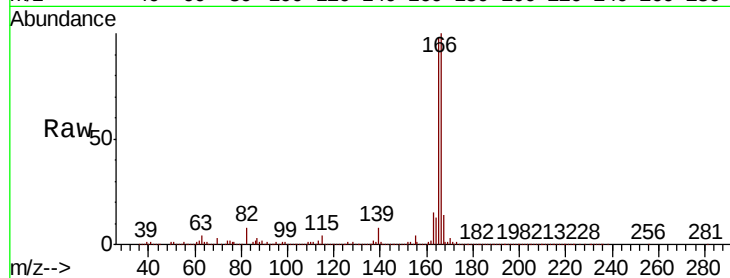
Tot Ion:166 Resp: 5271668

Ion Ratio Lower Upper

166 100

165 97.5 76.6 114.8

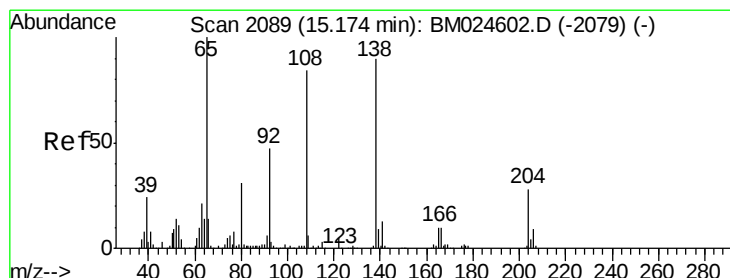
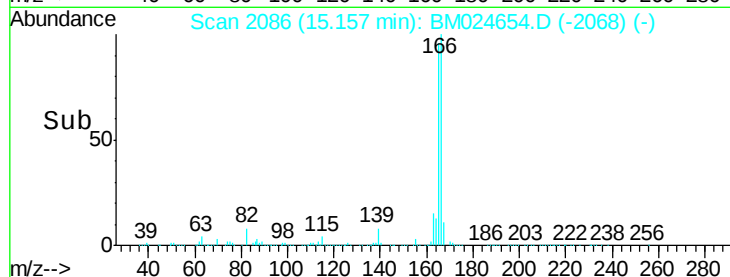
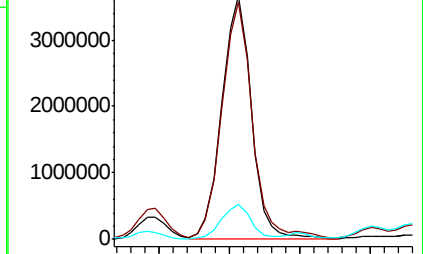
167 14.4 10.8 16.2



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



#62

4-Nitroaniline

Concen: 3.013 ng

RT: 15.16 min Scan# 2086

Delta R.T. -0.02 min

Lab File: BM024654.D

Acq: 29 Jan 2020 17:29

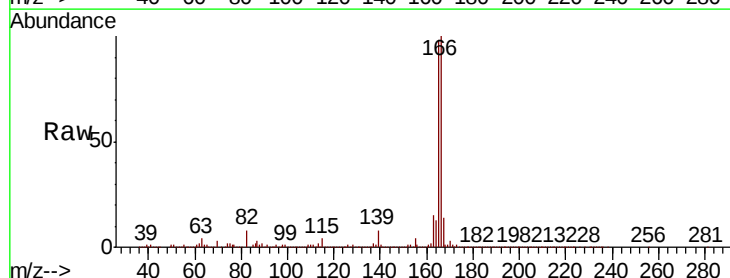
Tgt Ion:138 Resp: 55745

Ion Ratio Lower Upper

138 100

92 6.2 32.4 72.4#

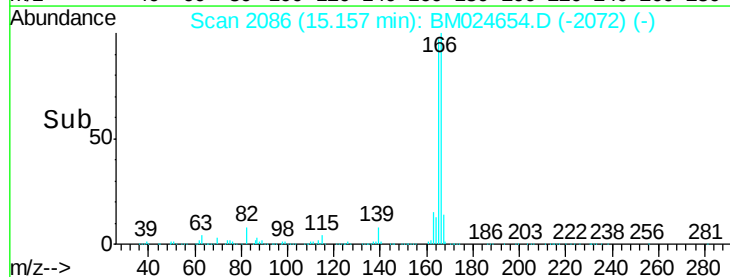
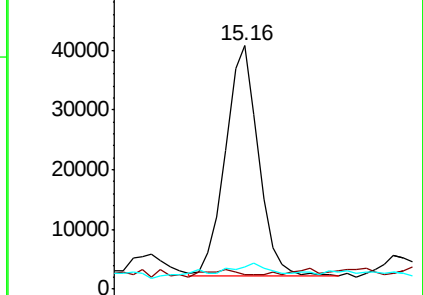
108 8.9 73.3 113.3#

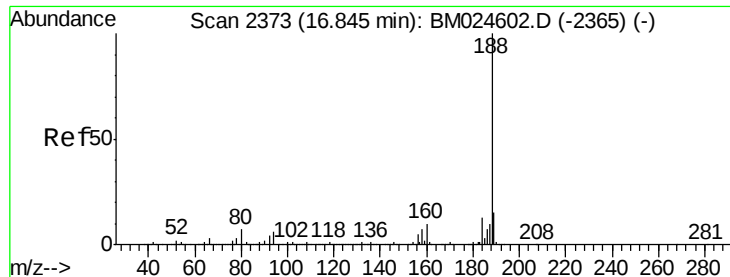


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E

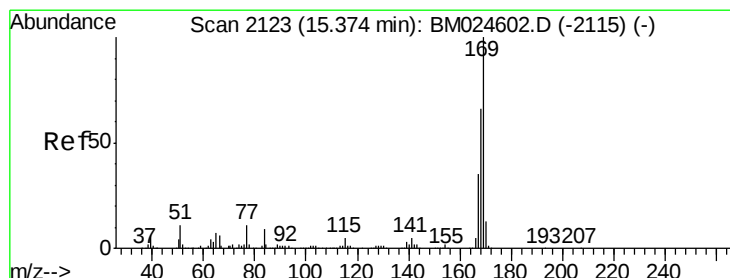
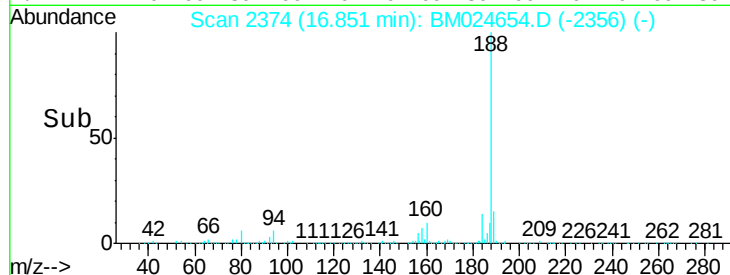
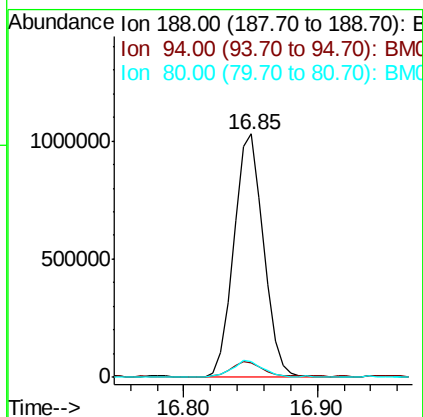
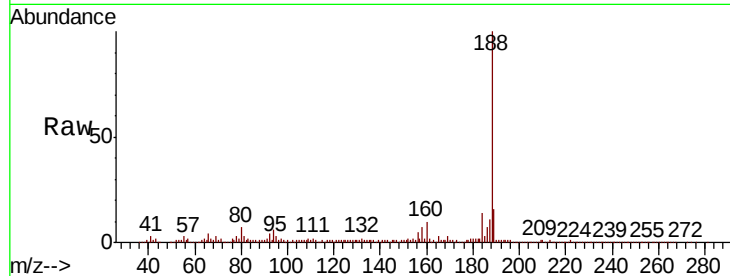




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.85 min Scan# 2374
Delta R.T. 0.01 min
Lab File: BM024654.D
Acq: 29 Jan 2020 17:29

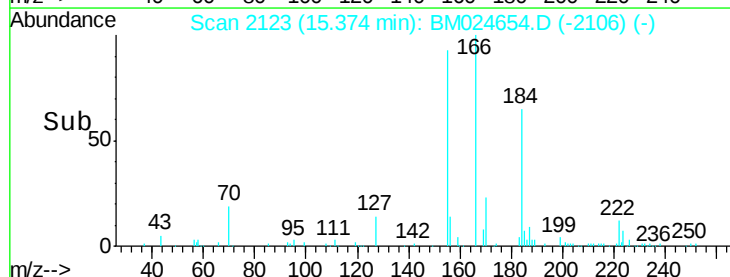
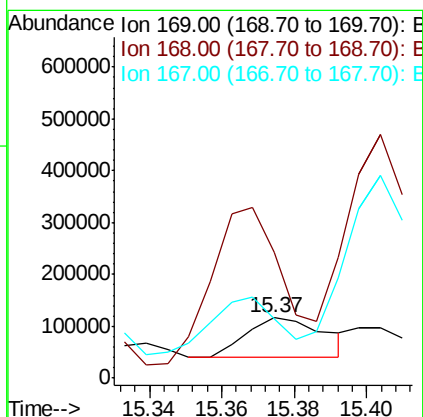
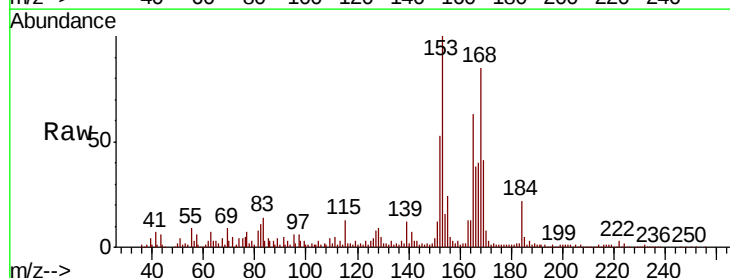
Instrument :
BNA_M
ClientSampleId :

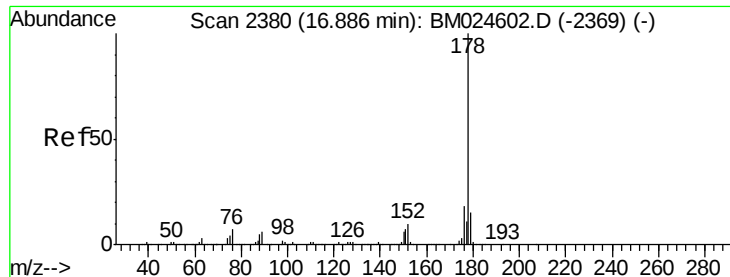
Tot Ion:188 Resp: 1583998
Ion Ratio Lower Upper
188 100
94 5.9 5.0 7.6
80 6.6 5.8 8.8



#66
n-Nitrosodiphenylamine
Concen: 2.515 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BM024654.D
Acq: 29 Jan 2020 17:29

Tgt Ion:169 Resp: 114441
Ion Ratio Lower Upper
169 100
168 209.0 52.8 79.2#
167 98.7 28.2 42.2#

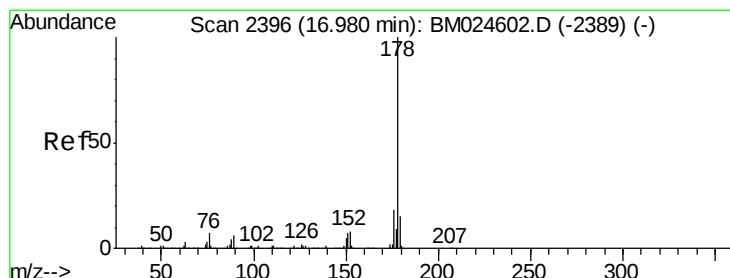
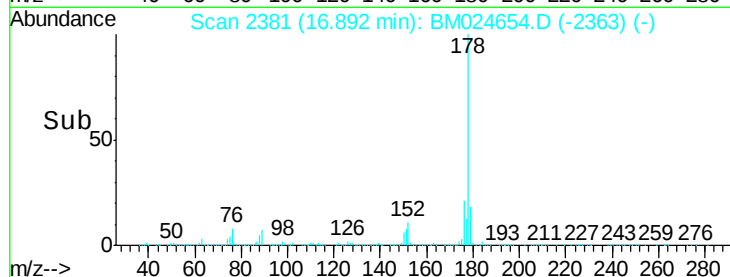
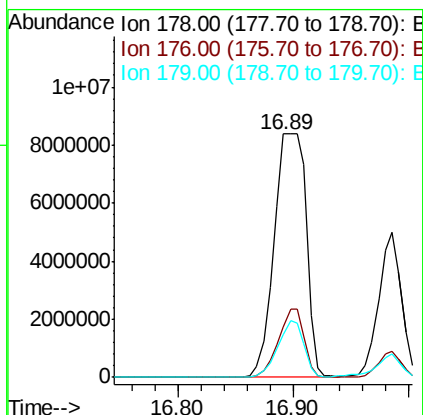
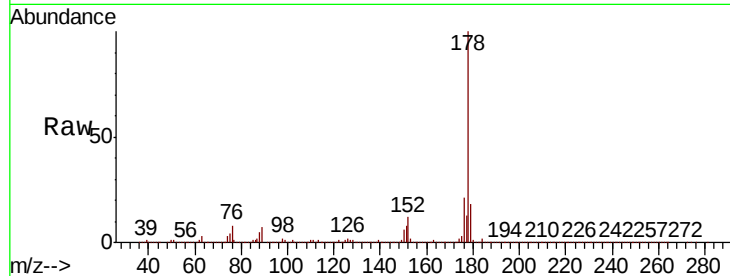




#71
Phenanthrene
Concen: 187.945 ng
RT: 16.89 min Scan# 2381
Delta R.T. 0.01 min
Lab File: BM024654.D
Acq: 29 Jan 2020 17:29

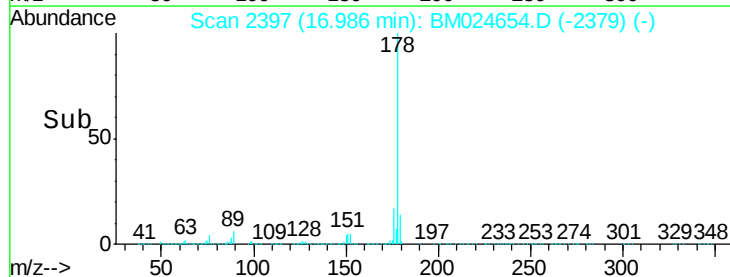
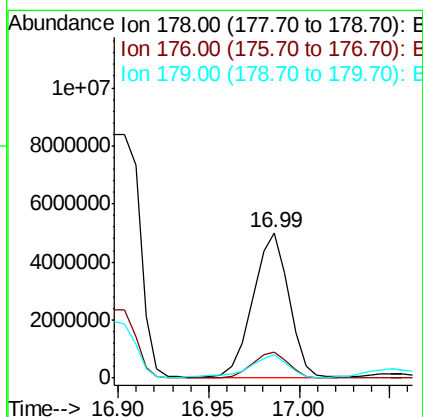
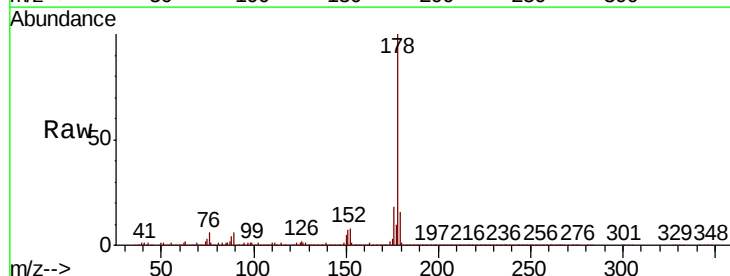
Instrument :
BNA_M
ClientSampled :

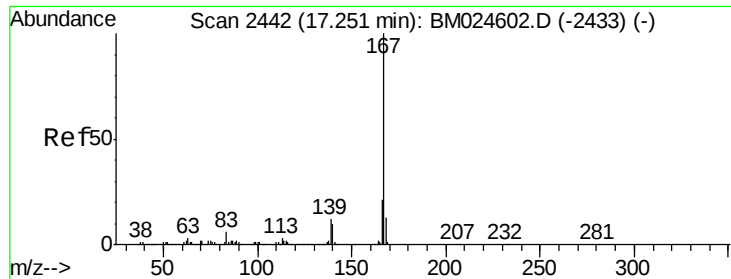
Tot Ion:178 Resp:16121170
Ion Ratio Lower Upper
178 100
176 20.9 14.5 21.7
179 17.8 11.9 17.9



#72
Anthracene
Concen: 80.883 ng
RT: 16.99 min Scan# 2397
Delta R.T. 0.01 min
Lab File: BM024654.D
Acq: 29 Jan 2020 17:29

Tgt Ion:178 Resp: 6788457
Ion Ratio Lower Upper
178 100
176 18.0 14.3 21.5
179 15.7 12.1 18.1

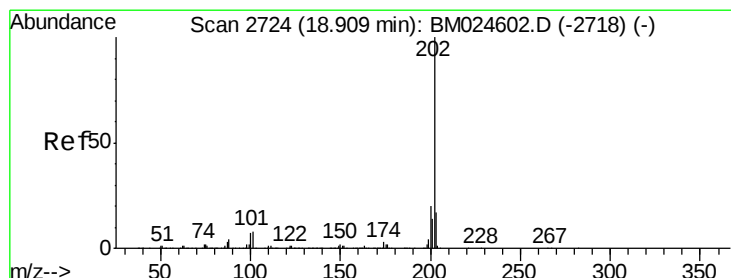
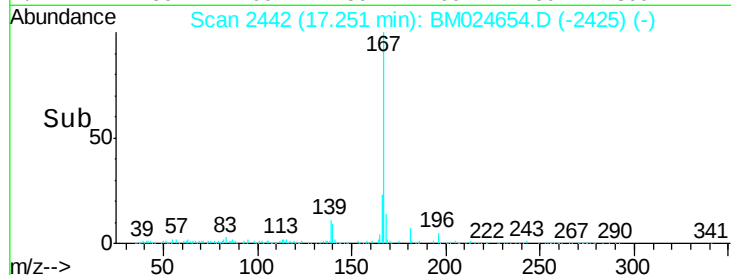
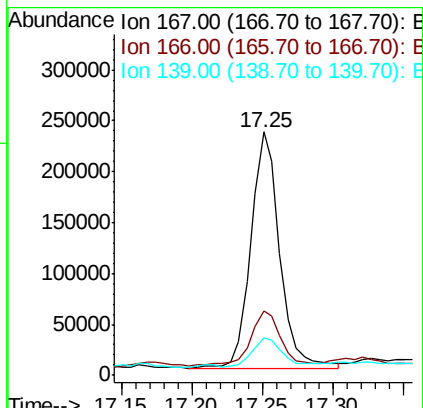
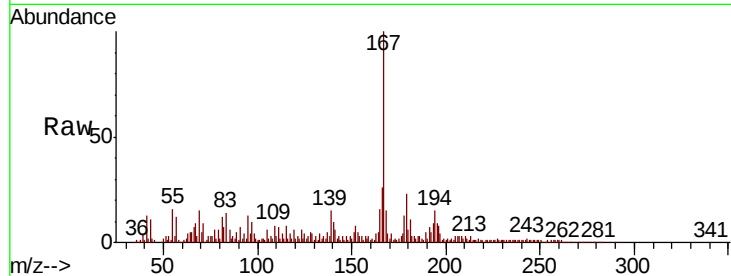




#73
 Carbazole
 Concen: 4.338 ng
 RT: 17.25 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: BM024654.D
 Acq: 29 Jan 2020 17:29

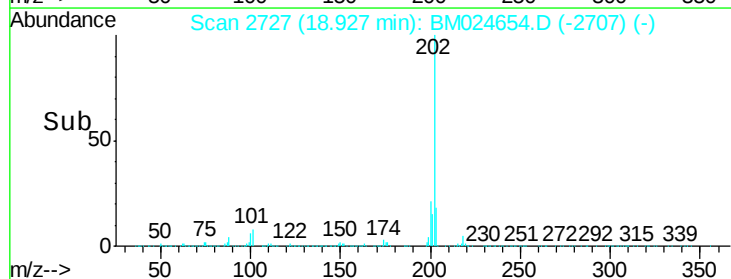
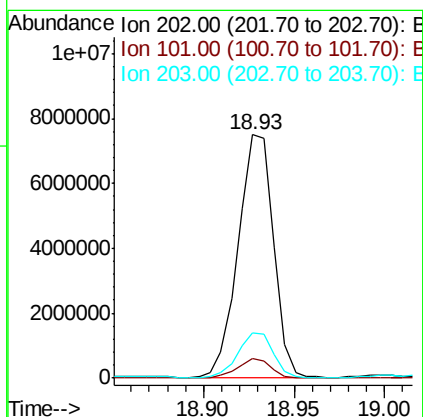
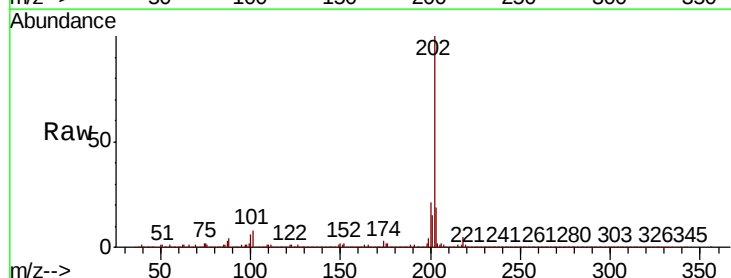
Instrument :
 BNA_M
 ClientSampleId :

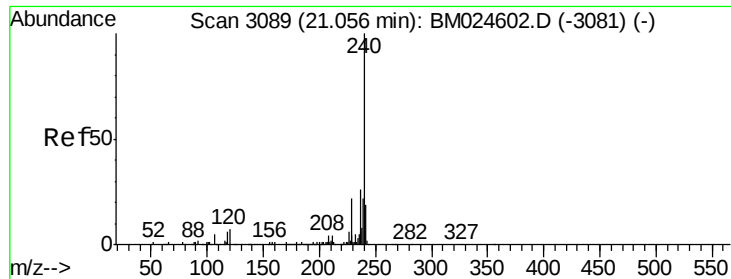
Tot Ion	Ratio	Lower	Upper
167	100		
166	26.3	17.1	25.7#
139	15.2	9.8	14.8#



#75
 Fluoranthene
 Concen: 94.683 ng
 RT: 18.93 min Scan# 2727
 Delta R.T. 0.02 min
 Lab File: BM024654.D
 Acq: 29 Jan 2020 17:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.4
203	18.6	0.0	37.5

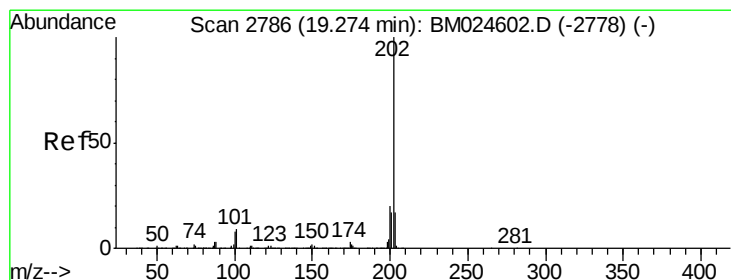
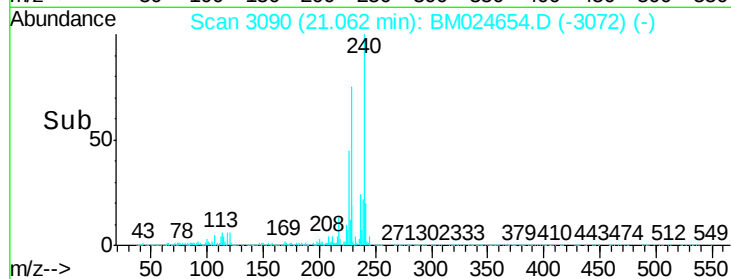
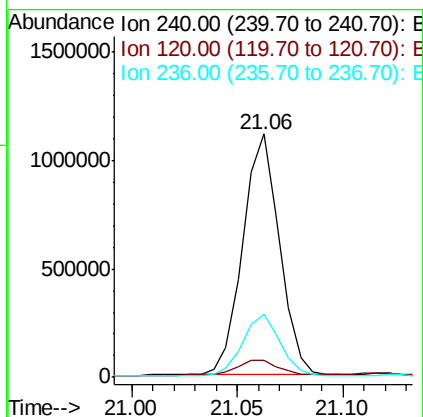
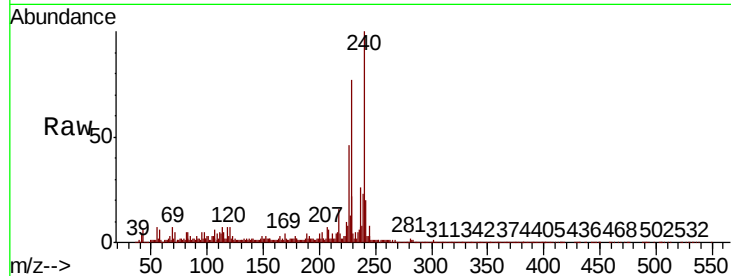




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BM024654.D
Acq: 29 Jan 2020 17:29

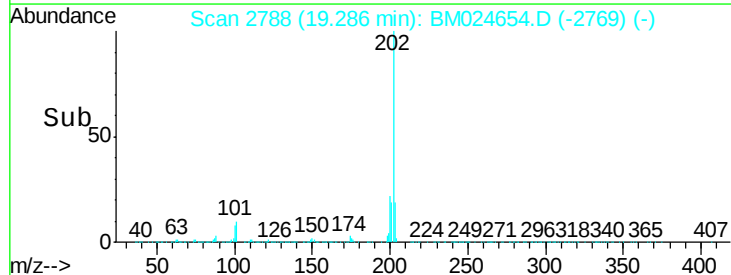
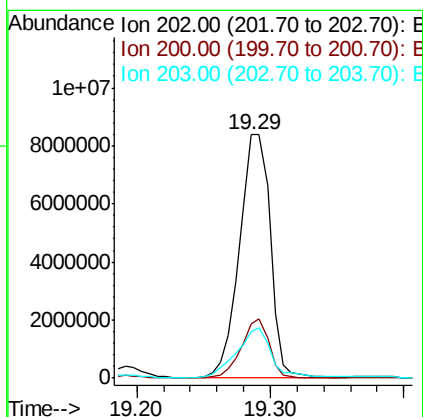
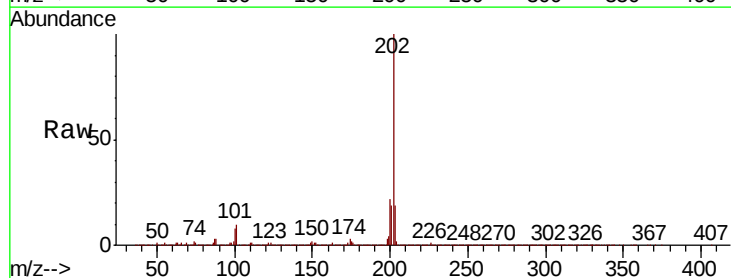
Instrument :
BNA_M
ClientSampleId :

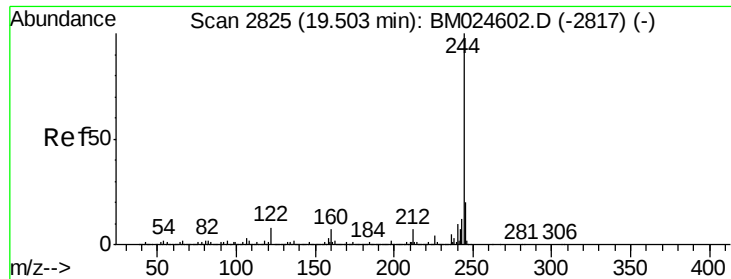
Tot Ion:240 Resp: 1343691
Ion Ratio Lower Upper
240 100
120 7.2 5.3 7.9
236 26.1 20.6 31.0



#78
Pyrene
Concen: 149.754 ng
RT: 19.29 min Scan# 2788
Delta R.T. 0.01 min
Lab File: BM024654.D
Acq: 29 Jan 2020 17:29

Tgt Ion:202 Resp:13265333
Ion Ratio Lower Upper
202 100
200 22.0 16.2 24.2
203 19.4 14.0 21.0





#79

Terphenyl-d14

Concen: 55.133 ng

RT: 19.50 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM024654.D

Acq: 29 Jan 2020 17:29

Instrument :

BNA_M

ClientSampleId :

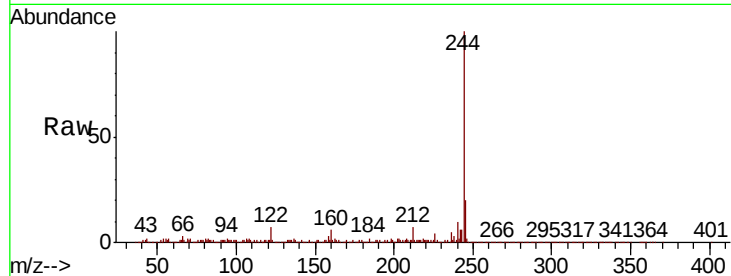
Tot Ion:244 Resp: 3968175

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

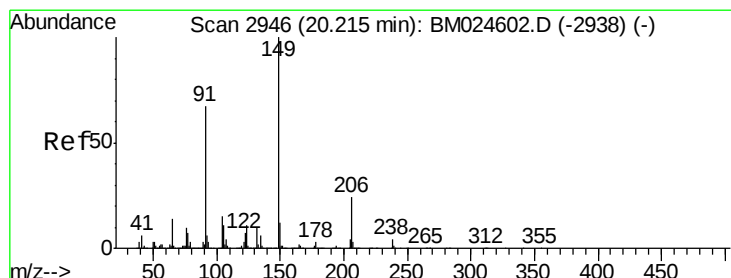
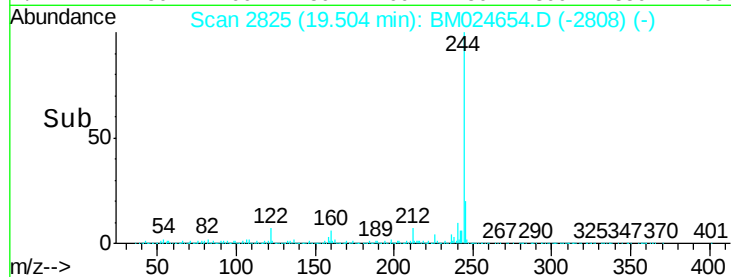
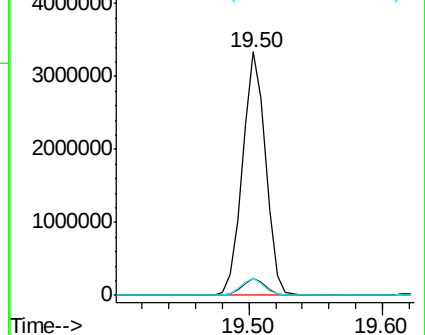
122 7.1 6.2 9.4



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: 15.160 ng

RT: 20.22 min Scan# 2946

Delta R.T. 0.00 min

Lab File: BM024654.D

Acq: 29 Jan 2020 17:29

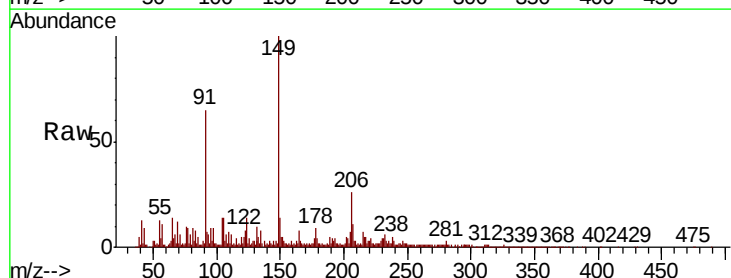
Tgt Ion:149 Resp: 563494

Ion Ratio Lower Upper

149 100

91 64.7 53.9 80.9

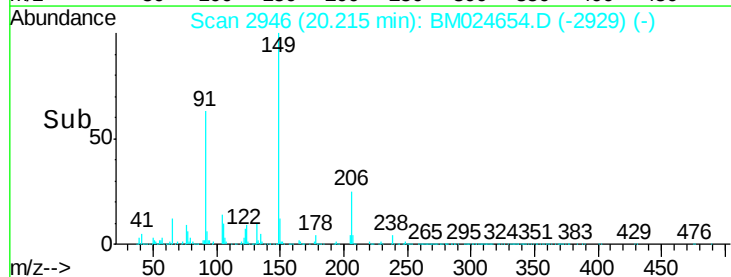
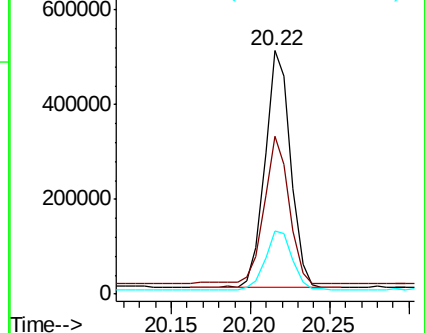
206 25.8 19.0 28.6

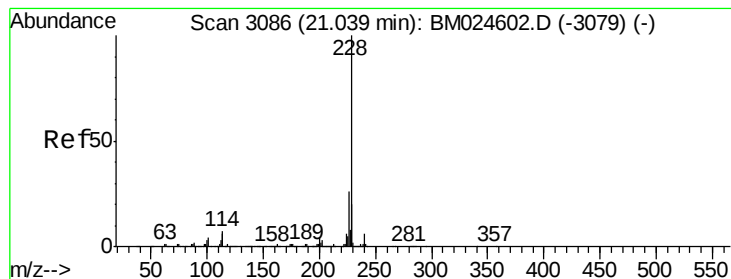


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 60.634 ng

RT: 21.10 min Scan# 3096

Delta R.T. 0.06 min

Lab File: BM024654.D

Acq: 29 Jan 2020 17:29

Instrument :

BNA_M

ClientSampleId :

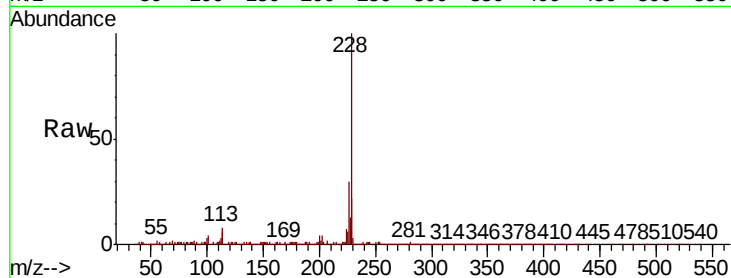
Tot Ion:228 Resp: 5654764

Ion Ratio Lower Upper

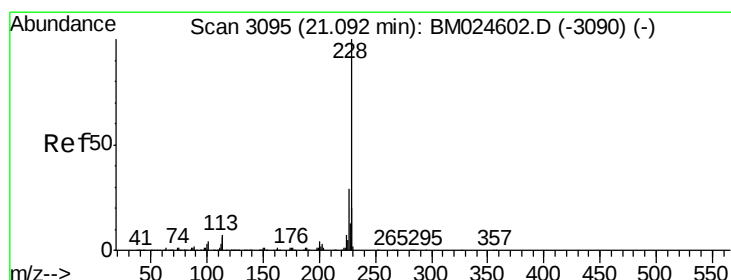
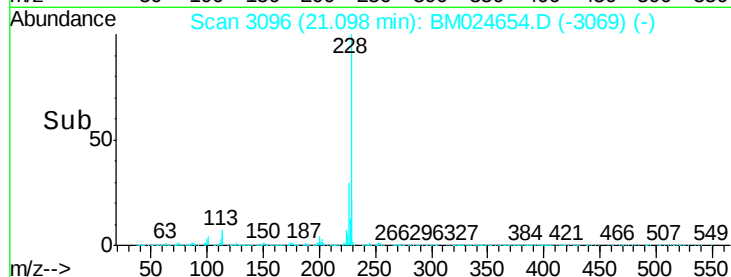
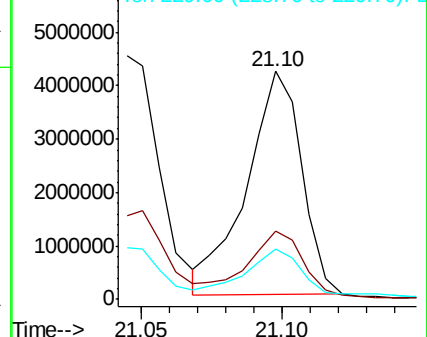
228 100

226 30.0 21.1 31.7

229 21.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 66.164 ng

RT: 21.10 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BM024654.D

Acq: 29 Jan 2020 17:29

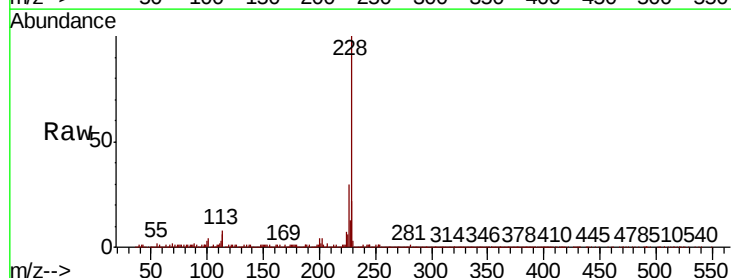
Tgt Ion:228 Resp: 5887911

Ion Ratio Lower Upper

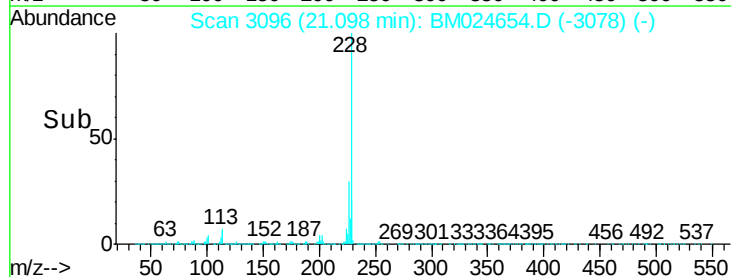
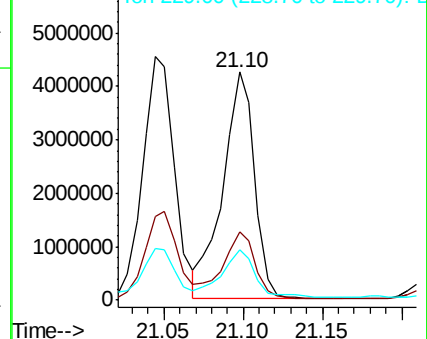
228 100

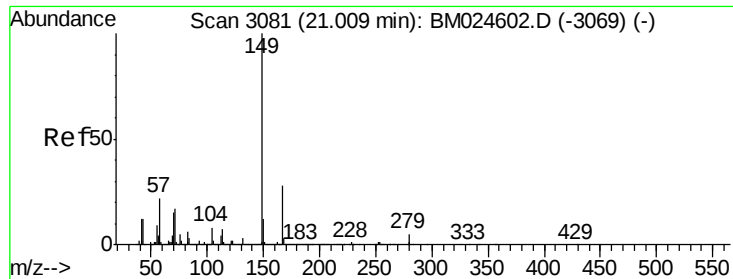
226 30.0 23.2 34.8

229 21.8 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: 17.098 ng

RT: 21.02 min Scan# 3082

Delta R.T. 0.01 min

Lab File: BM024654.D

Acq: 29 Jan 2020 17:29

Instrument :

BNA_M

ClientSampleId :

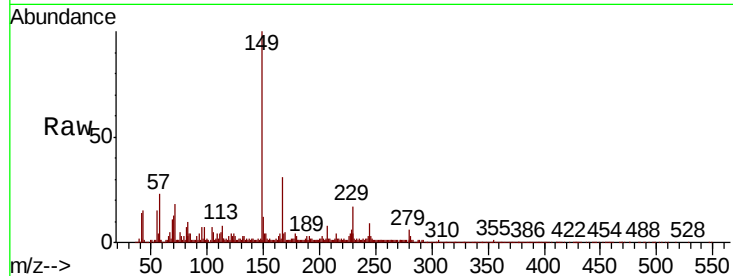
Tot Ion:149 Resp: 937715

Ion Ratio Lower Upper

149 100

167 30.5 22.5 33.7

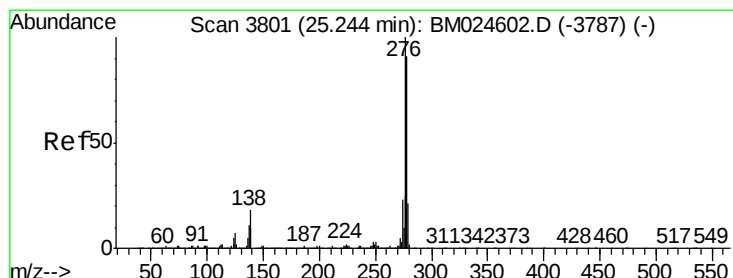
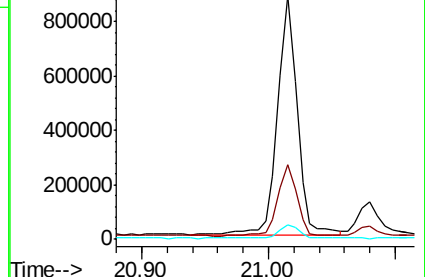
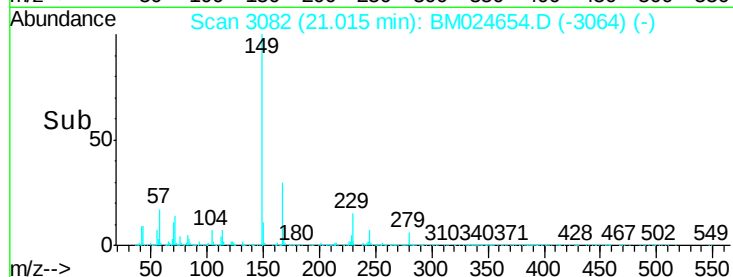
279 6.1 4.0 6.0#



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 25.461 ng

RT: 25.26 min Scan# 3803

Delta R.T. 0.01 min

Lab File: BM024654.D

Acq: 29 Jan 2020 17:29

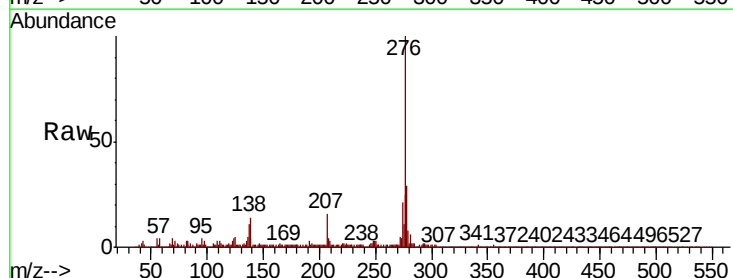
Tgt Ion:276 Resp: 2469515

Ion Ratio Lower Upper

276 100

138 14.0 13.4 20.0

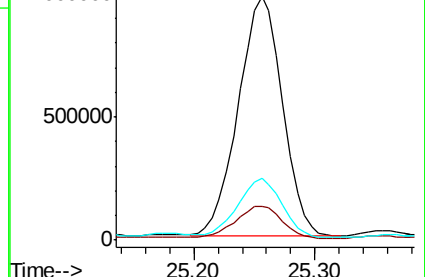
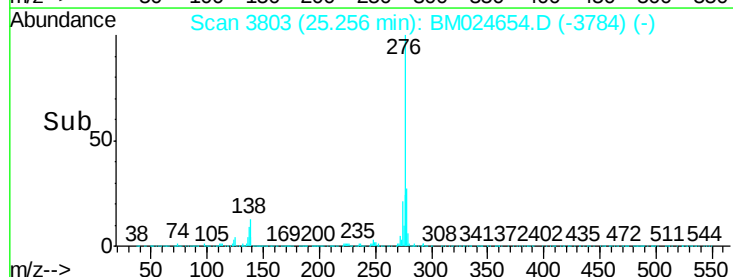
277 25.0 19.6 29.4

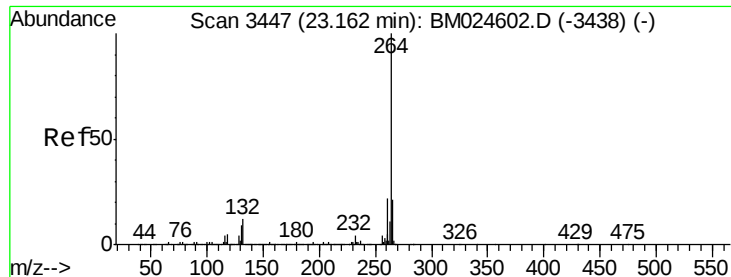


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



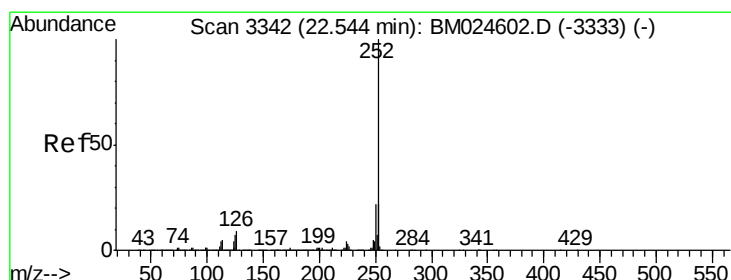
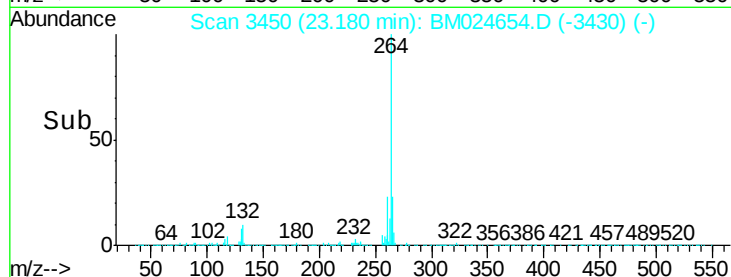
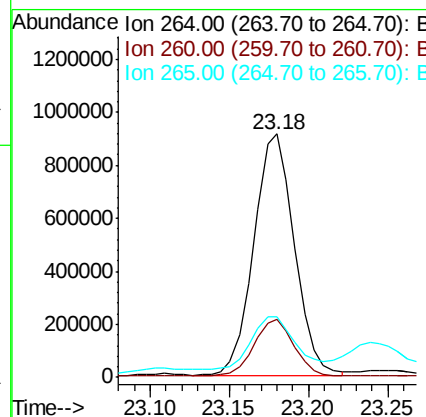
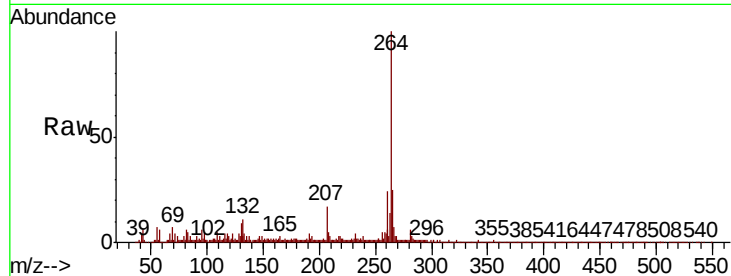


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.18 min Scan# 3450
Delta R.T. 0.02 min
Lab File: BM024654.D
Acq: 29 Jan 2020 17:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1613487

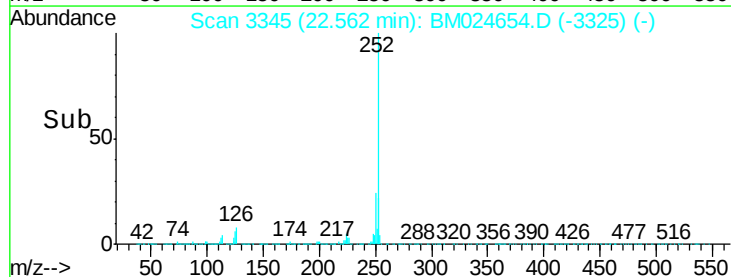
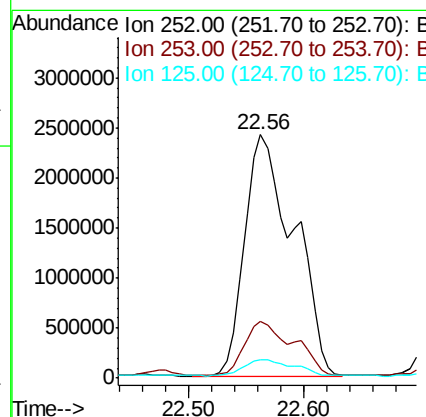
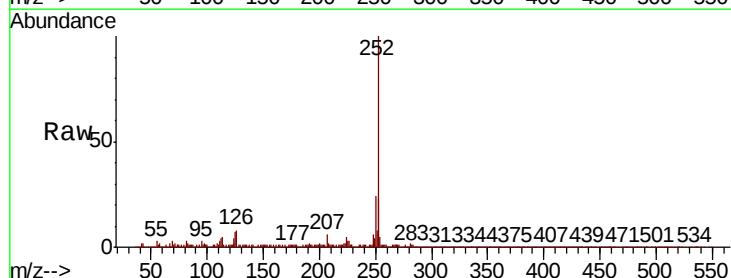
Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.9	26.9
265	24.8	17.3	25.9

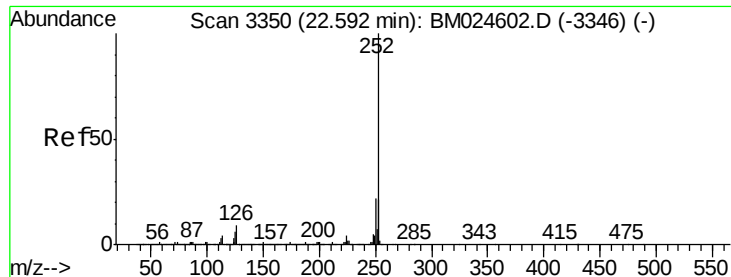


#88
Benzo(b)fluoranthene
Concen: 68.278 ng
RT: 22.56 min Scan# 3345
Delta R.T. 0.02 min
Lab File: BM024654.D
Acq: 29 Jan 2020 17:29

Tgt Ion:252 Resp: 7145108

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	7.5	5.7	8.5





#89

Benzo(k)fluoranthene

Concen: 69.654 ng

RT: 22.56 min Scan# 3345

Delta R.T. -0.03 min

Lab File: BM024654.D

Acq: 29 Jan 2020 17:29

Instrument :

BNA_M

ClientSampleId :

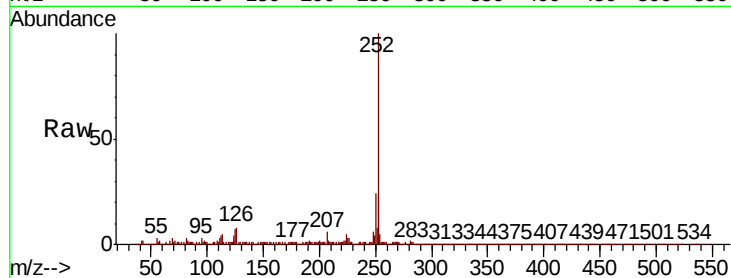
Tot Ion:252 Resp: 7114881

Ion Ratio Lower Upper

252 100

253 23.1 17.3 25.9

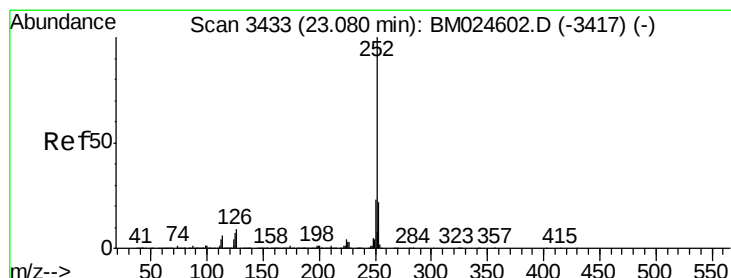
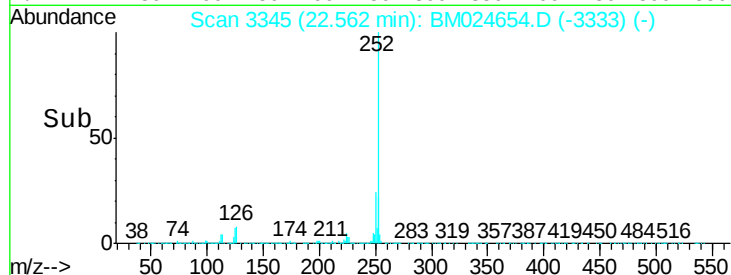
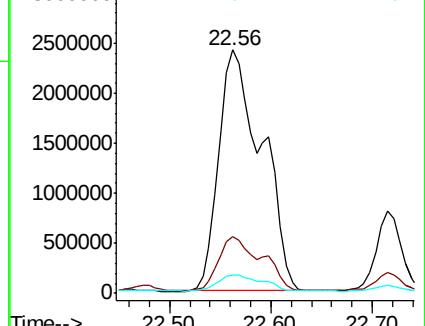
125 7.5 5.2 7.8



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: 53.586 ng

RT: 23.09 min Scan# 3435

Delta R.T. 0.01 min

Lab File: BM024654.D

Acq: 29 Jan 2020 17:29

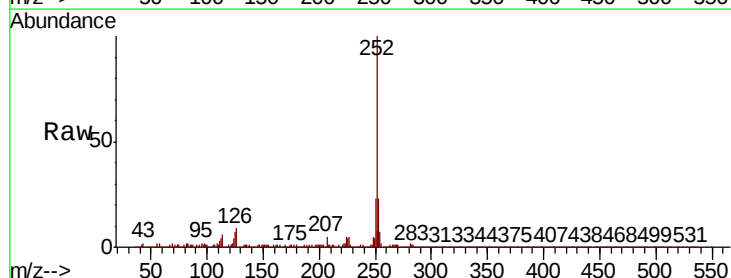
Tgt Ion:252 Resp: 5098348

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

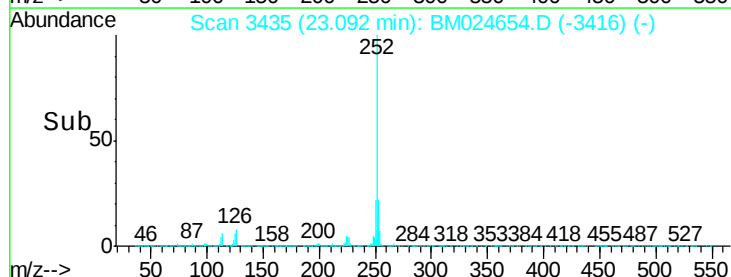
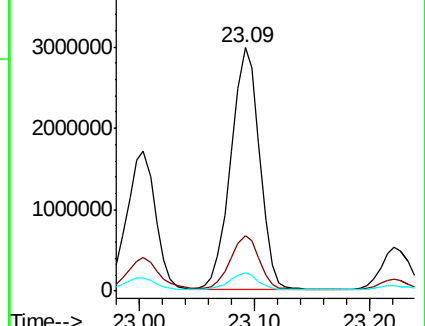
125 7.3 5.8 8.8

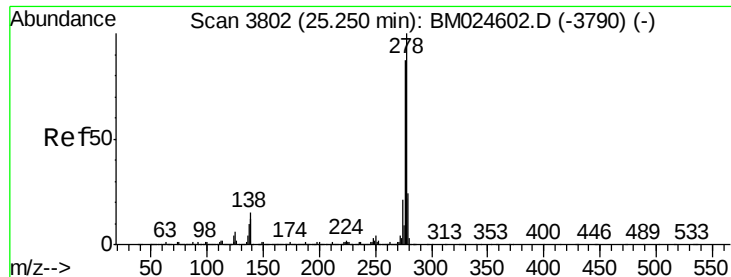


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 8.472 ng

RT: 25.26 min Scan# 3803

Delta R.T. 0.01 min

Lab File: BM024654.D

Acq: 29 Jan 2020 17:29

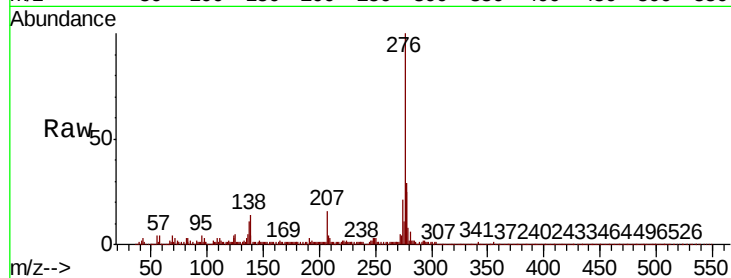
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 765069

Ion	Ratio	Lower	Upper
278	100		
139	13.8	9.3	13.9
279	27.1	18.9	28.3

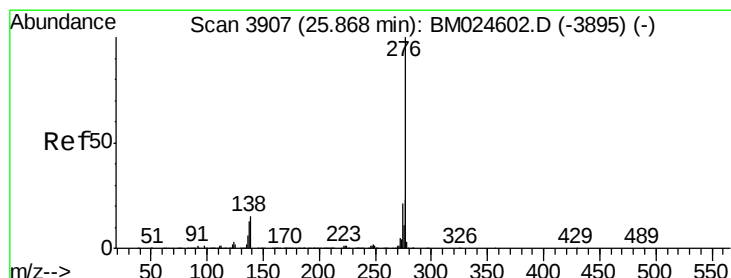
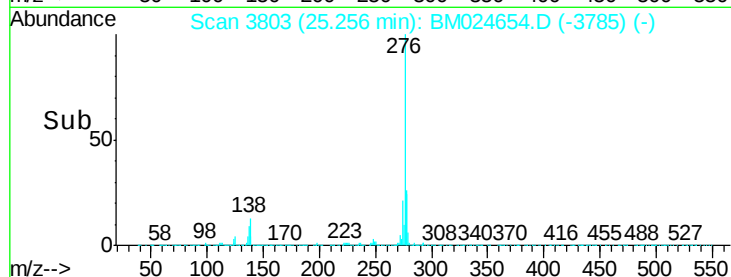
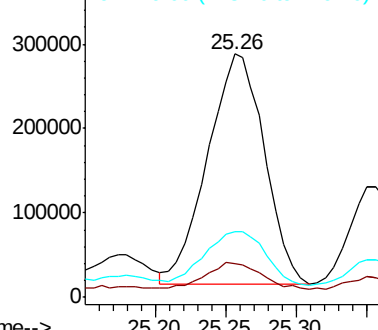


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 29.736 ng

RT: 25.89 min Scan# 3910

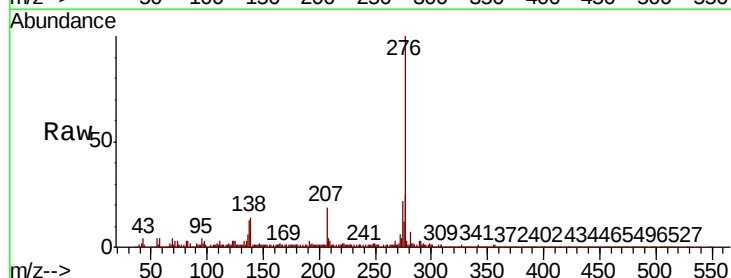
Delta R.T. 0.02 min

Lab File: BM024654.D

Acq: 29 Jan 2020 17:29

Tgt Ion:276 Resp: 2438286

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	14.2	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

