

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042419\
 Data File : BM020070.D
 Acq On : 24 Apr 2019 18:29
 Operator : JU/SJ
 Sample : K2541-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 25 01:48:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	81860	20.00	ng	-0.02
21) Naphthalene-d8	10.27	136	251100	20.00	ng	-0.01
39) Acenaphthene-d10	14.16	164	158399	20.00	ng	-0.02
64) Phenanthrene-d10	16.93	188	343308	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	287375	20.00	ng	-0.01
87) Perylene-d12	23.34	264	321601	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	709208	140.41	ng	-0.02
7) Phenol-d6	6.68	99	771709	101.52	ng	-0.03
23) Nitrobenzene-d5	8.66	82	703778	125.34	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	393238	154.22	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	1456057	114.56	ng	-0.03
79) Terphenyl-d14	19.57	244	2202557	135.19	ng	-0.02

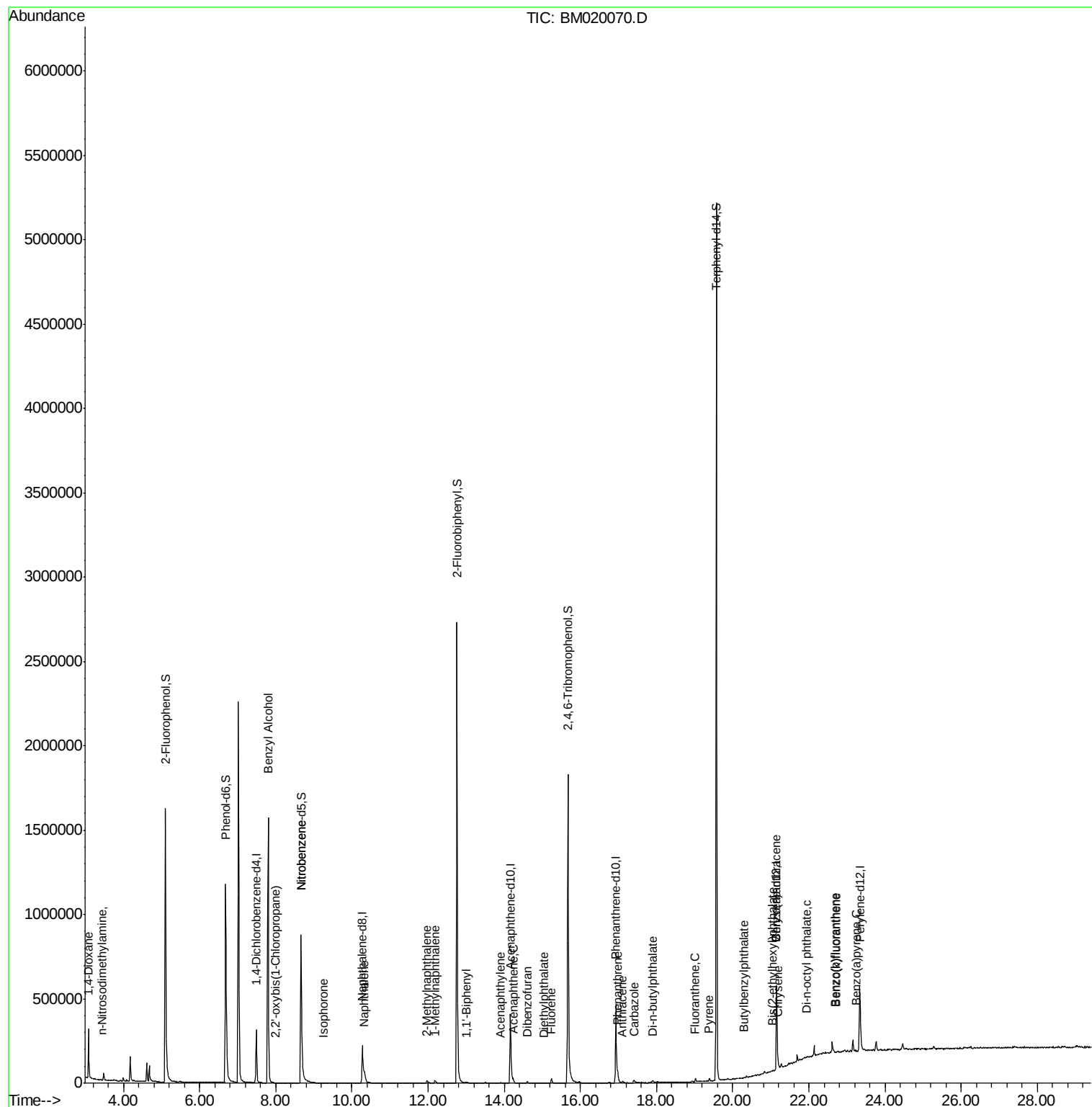
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	1205	0.553	ng	# 1
4) n-Nitrosodimethylamine	3.44	42	387	0.197	ng	# 1
9) Benzaldehyde	6.69	77	1855	Below Cal		# 7
15) Benzyl Alcohol	7.79	79	14045	2.032	ng	# 42
16) 2,2'-oxybis(1-Chloropropan	8.00	45	130	0.022	ng	# 51
24) Nitrobenzene	8.67	77	3026	0.520	ng	# 43
25) Isophorone	9.25	82	500	0.046	ng	# 69
31) Naphthalene	10.33	128	40719	3.023	ng	# 94
37) 2-Methylnaphthalene	11.97	142	10762	1.098	ng	# 93
38) 1-Methylnaphthalene	12.19	142	12541	1.295	ng	# 88
46) 1,1'-Biphenyl	13.02	154	4276	0.312	ng	# 81
49) Acenaphthylene	13.91	152	1269	0.070	ng	# 60
52) Acenaphthene	14.23	154	12614	1.249	ng	# 90
55) Dibenzofuran	14.60	168	9722	0.589	ng	# 93
58) Fluorene	15.23	166	16885	1.207	ng	# 87
60) Diethylphthalate	15.03	149	727	0.050	ng	# 60
71) Phenanthrene	16.98	178	47186	2.316	ng	# 98
72) Anthracene	17.10	178	6838	0.337	ng	# 99
73) Carbazole	17.40	167	16569	0.875	ng	# 93
74) Di-n-butylphthalate	17.90	149	4438	0.178	ng	# 91
75) Fluoranthene	19.02	202	15517	0.662	ng	# 96
78) Pyrene	19.39	202	11322	0.595	ng	# 91
80) Butylbenzylphthalate	20.29	149	225	0.024	ng	# 19
81) Benzo(a)anthracene	21.14	228	2285	0.126	ng	# 60
83) Chrysene	21.20	228	2398	0.137	ng	# 50
84) Bis(2-ethylhexyl)phthalate	21.04	149	1816	0.132	ng	# 55
85) Di-n-octyl phthalate	21.93	149	1010	0.045	ng	# 83
88) Benzo(b)fluoranthene	22.68	252	254	0.012	ng	# 1
89) Benzo(k)fluoranthene	22.71	252	1453	0.072	ng	# 1
90) Benzo(a)pyrene	23.24	252	139	0.007	ng	# 1

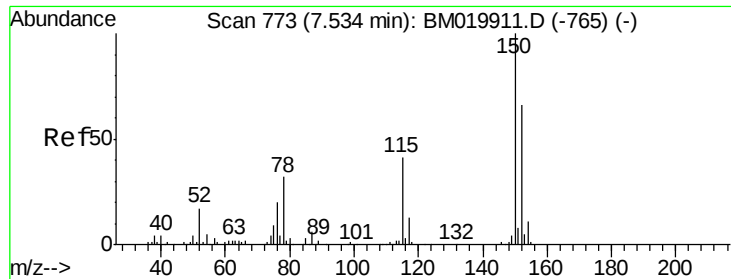
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042419\
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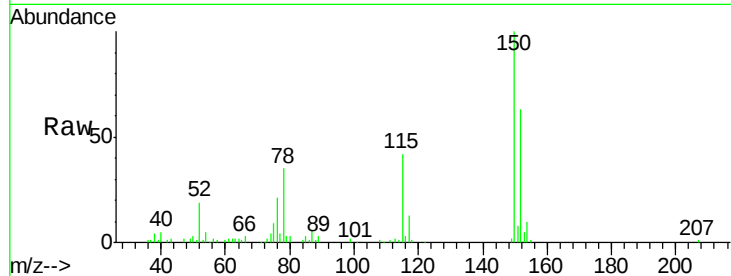


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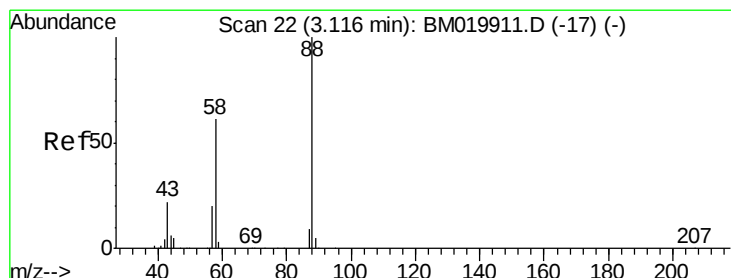
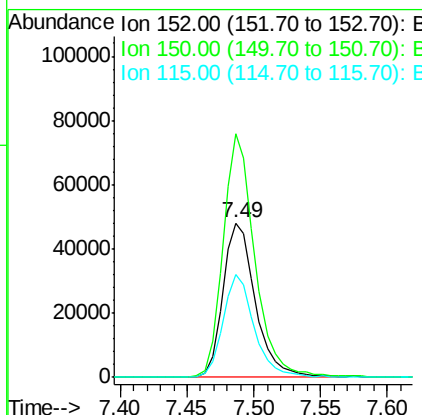
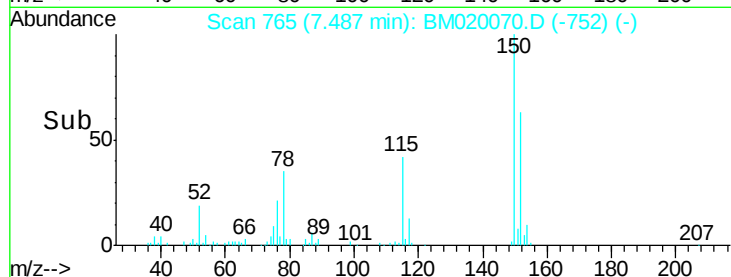
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 765
Delta R.T. -0.02 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 81860
Ion Ratio Lower Upper
152 100
150 157.9 122.1 183.1
115 66.5 50.0 75.0



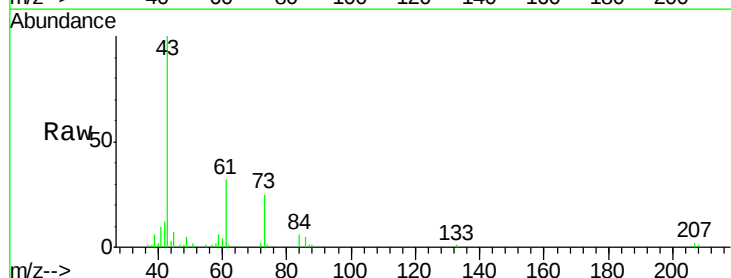
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



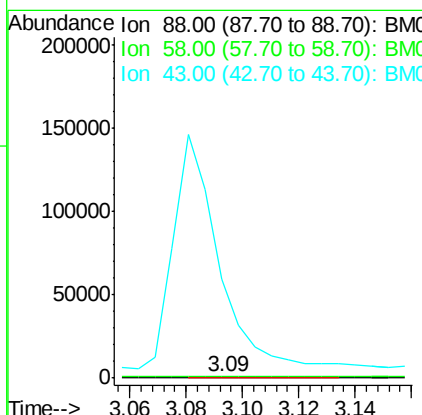
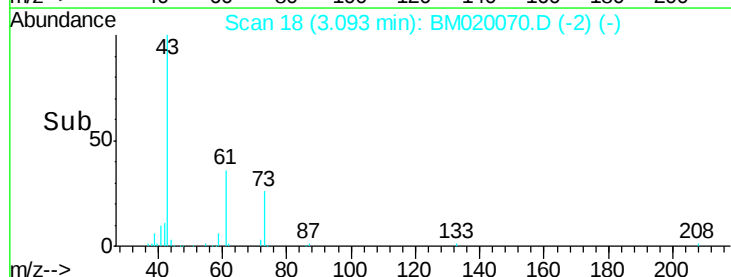
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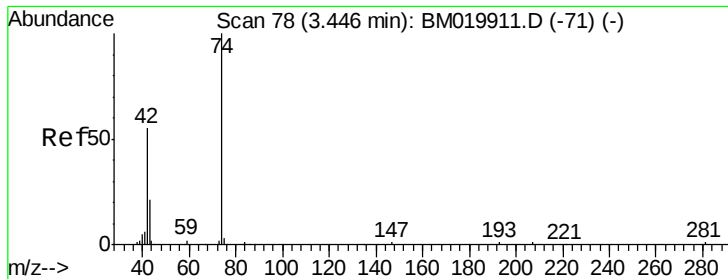
1,4-Dioxane
Concen: 0.553 ng
RT: 3.09 min Scan# 18
Delta R.T. -0.01 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

Tgt Ion: 88 Resp: 1205
Ion Ratio Lower Upper
88 100
58 84.8 49.6 74.4#
43 13055.1 18.6 27.8#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0



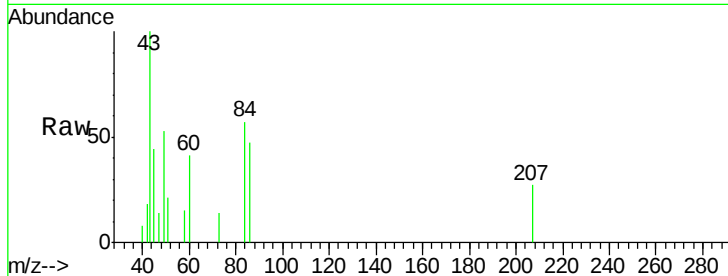


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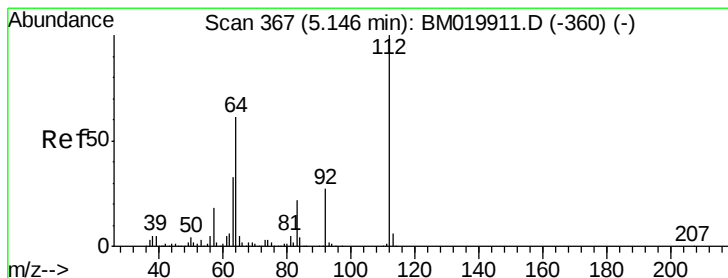
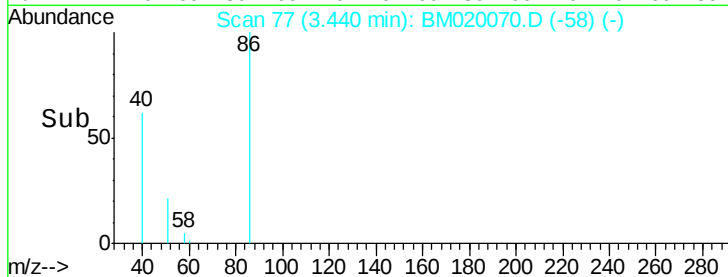
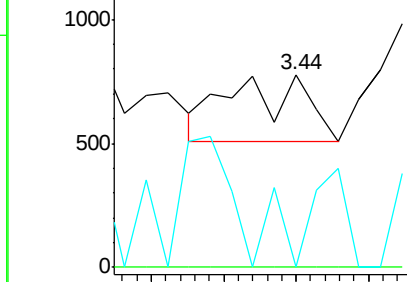
n-Nitrosodimethylamine
 Concen: 0.197 ng
 RT: 3.44 min Scan# 77
 Delta R.T. 0.01 min
 Lab File: BM020070.D
 Acq: 24 Apr 2019 18:29

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	144.6	217.0#
44	0.0	5.4	8.2#



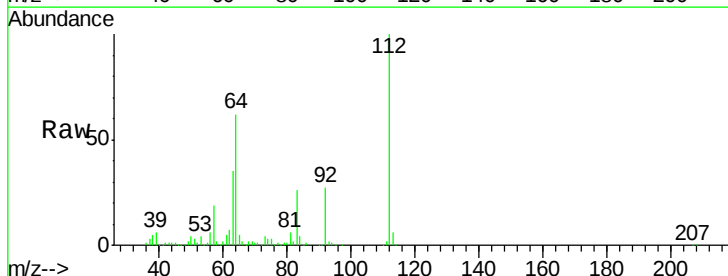
Abundance Ion 42.00 (41.70 to 42.70): BM0
 Ion 74.00 (73.70 to 74.70): BM0
 Ion 44.00 (43.70 to 44.70): BM0



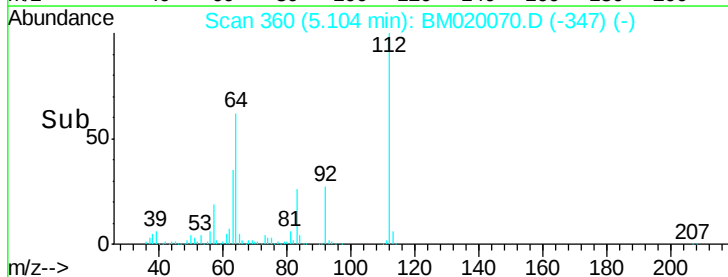
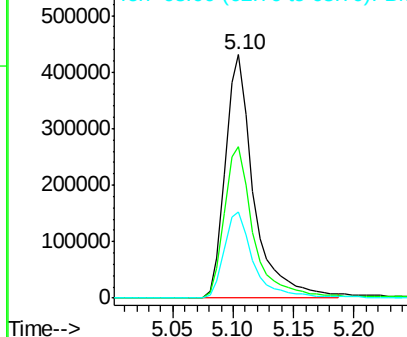
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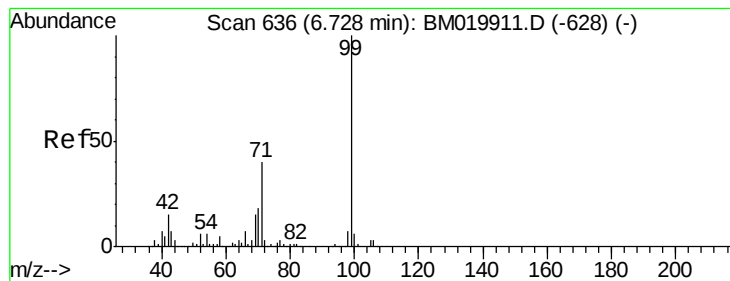
2-Fluorophenol
 Concen: 140.408 ng
 RT: 5.10 min Scan# 360
 Delta R.T. -0.02 min
 Lab File: BM020070.D
 Acq: 24 Apr 2019 18:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	49.1	73.7
63	35.4	26.5	39.7



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: 101.517 ng

RT: 6.68 min Scan# 628

Delta R.T. -0.03 min

Lab File: BM020070.D

Acq: 24 Apr 2019 18:29

Instrument :

BNA_M

ClientSampled :

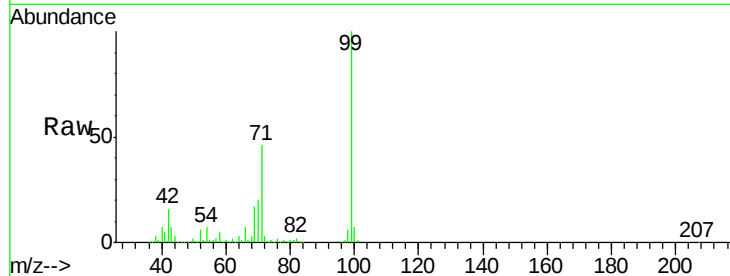
Tot Ion: 99 Resp: 771709

Ion Ratio Lower Upper

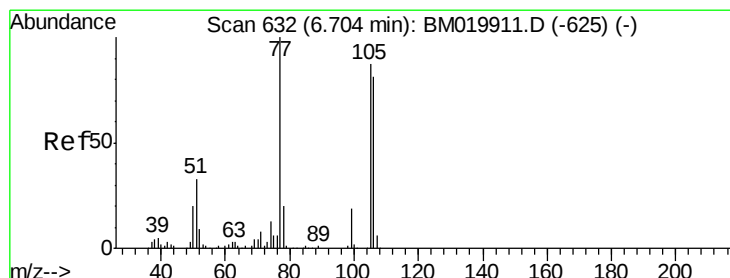
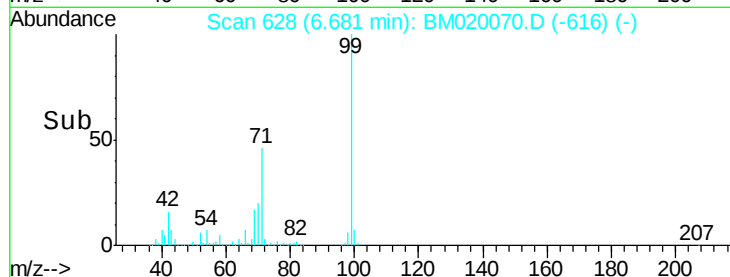
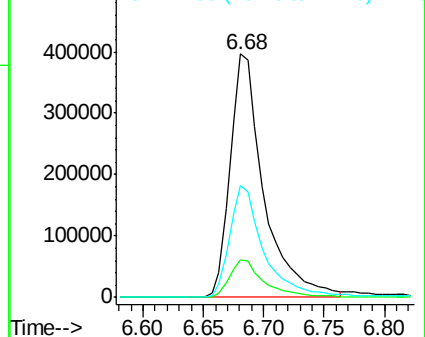
99 100

42 15.6 11.8 17.8

71 45.9 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.69 min Scan# 629

Delta R.T. -0.00 min

Lab File: BM020070.D

Acq: 24 Apr 2019 18:29

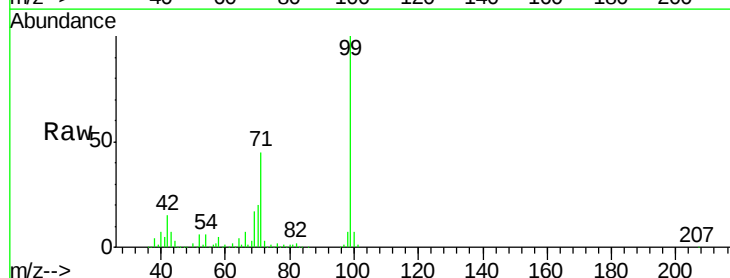
Tgt Ion: 77 Resp: 1855

Ion Ratio Lower Upper

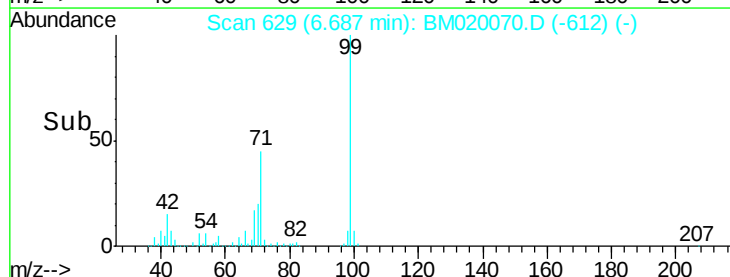
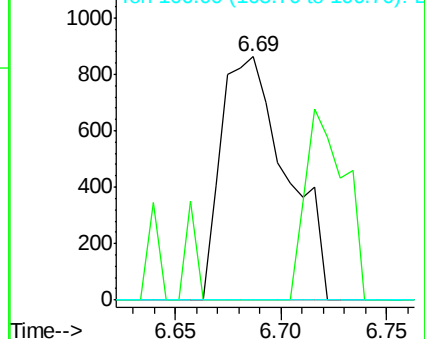
77 100

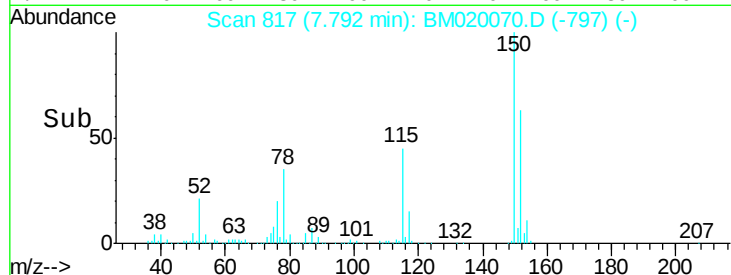
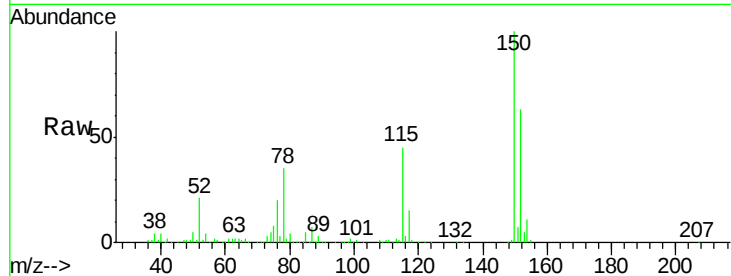
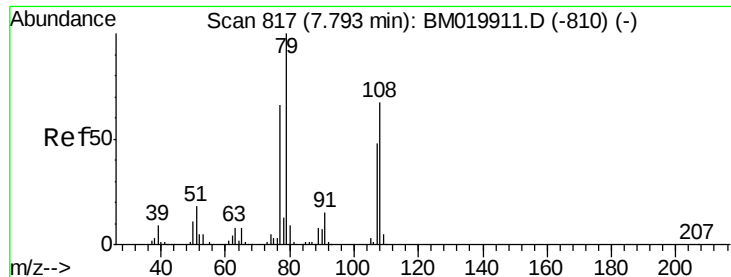
105 0.0 67.3 107.3#

106 0.0 60.6 100.6#



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.032 ng

RT: 7.79 min Scan# 817

Delta R.T. 0.02 min

Lab File: BM020070.D

Acq: 24 Apr 2019 18:29

Instrument :

BNA_M

ClientSampleId :

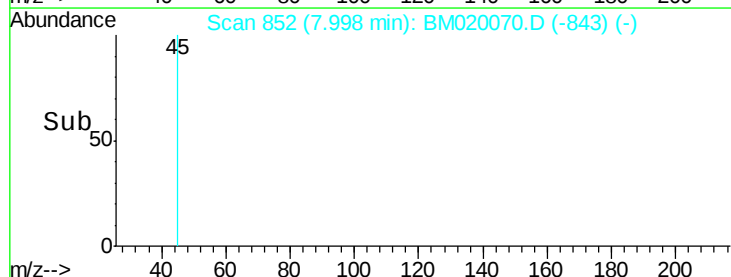
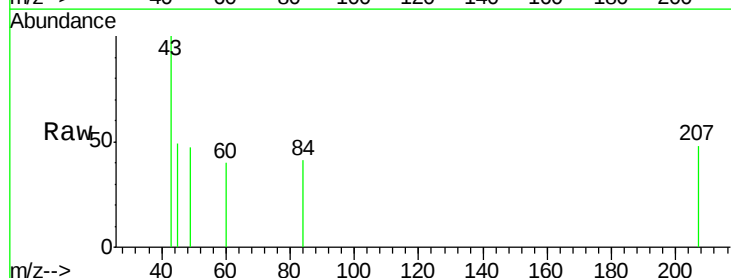
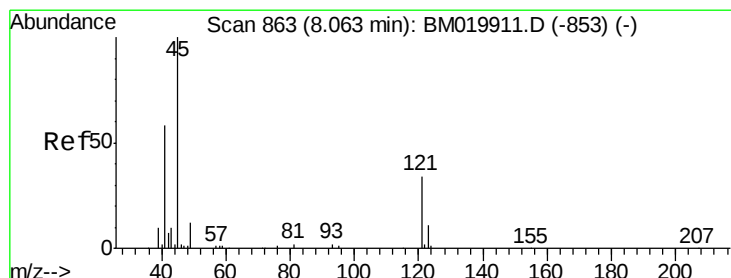
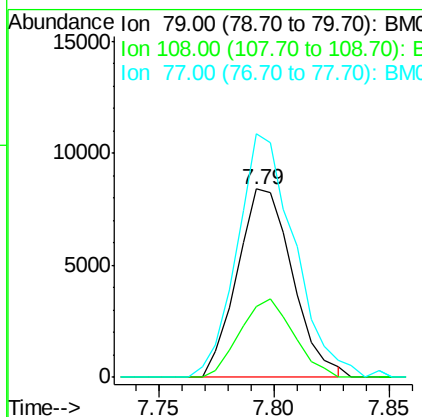
Tot Ion: 79 Resp: 14045

Ion Ratio Lower Upper

79 100

108 37.8 53.9 80.9#

77 129.3 53.1 79.7#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.022 ng

RT: 8.00 min Scan# 852

Delta R.T. -0.05 min

Lab File: BM020070.D

Acq: 24 Apr 2019 18:29

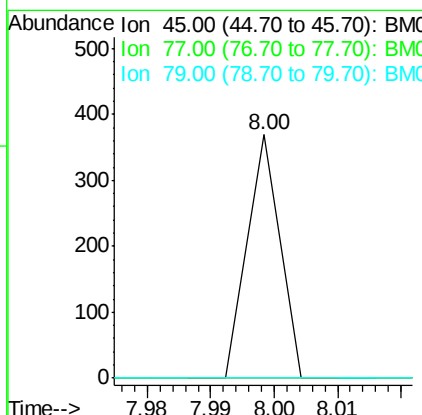
Tgt Ion: 45 Resp: 130

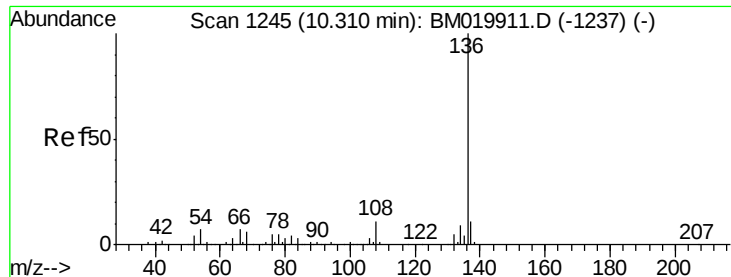
Ion Ratio Lower Upper

45 100

77 0.0 7.2 47.2#

79 0.0 1.2 41.2#

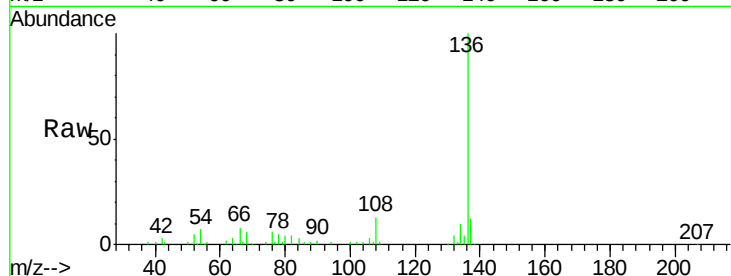




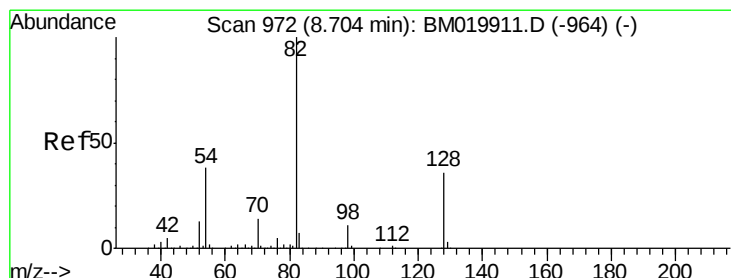
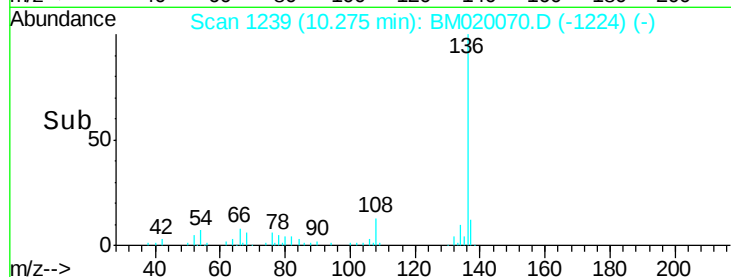
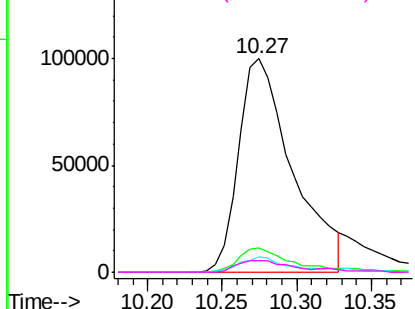
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.27 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	251100
Ion Ratio	Lower	Upper
136 100		
137 11.6	9.0	13.6
54 7.2	5.3	7.9
68 5.6	5.2	7.8

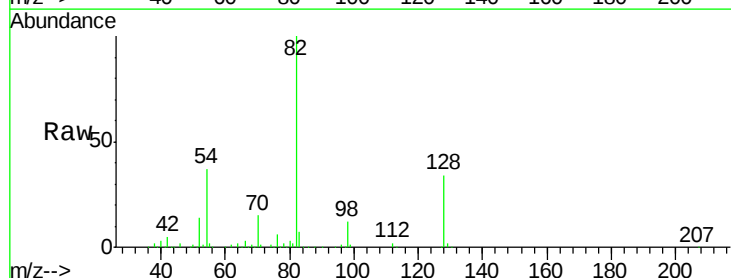


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

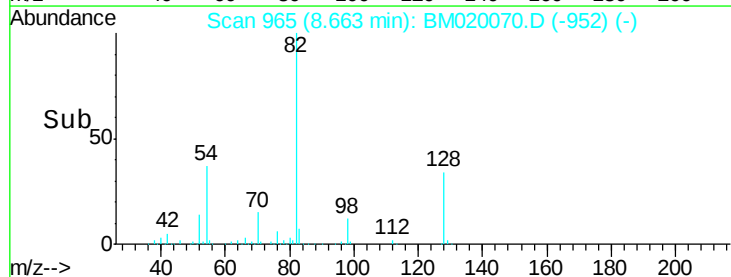
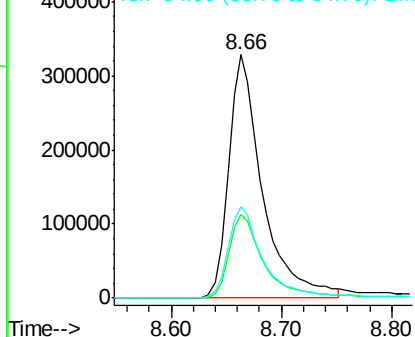


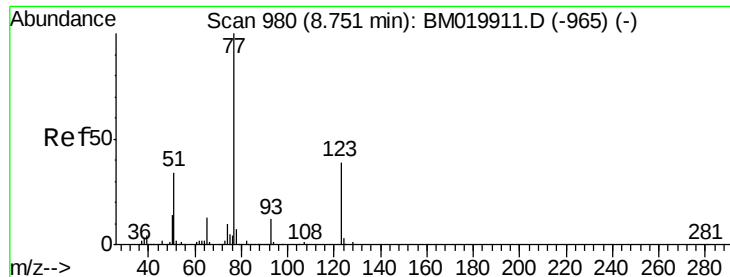
#23
Nitrobenzene-d5
Concen: 125.344 ng
RT: 8.66 min Scan# 965
Delta R.T. -0.02 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

Tgt	Ion: 82	Resp:	703778
Ion	Ratio	Lower	Upper
82	100		
128	34.2	29.0	43.4
54	37.4	30.2	45.4



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

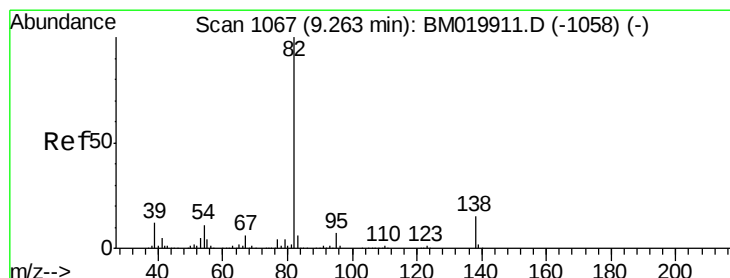
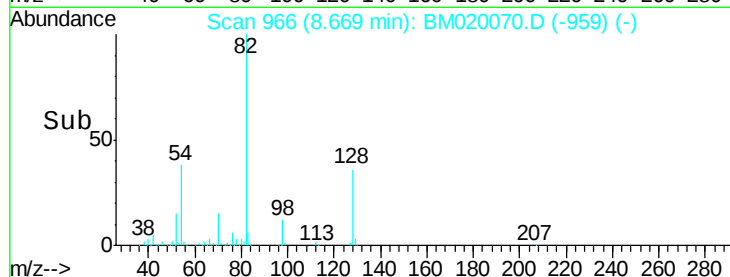
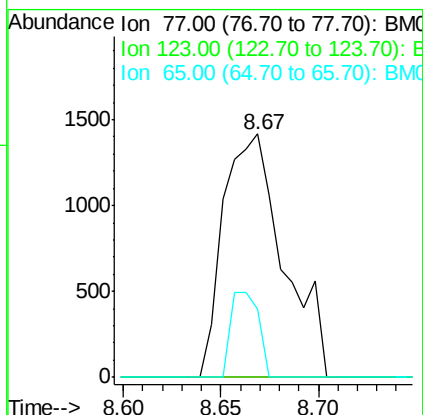
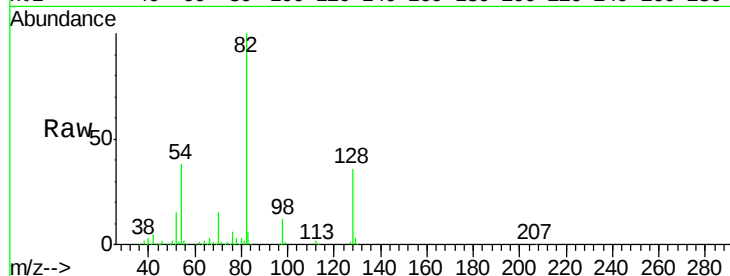




#24
Nitrobenzene
Concen: 0.520 ng
RT: 8.67 min Scan# 966
Delta R.T. -0.06 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

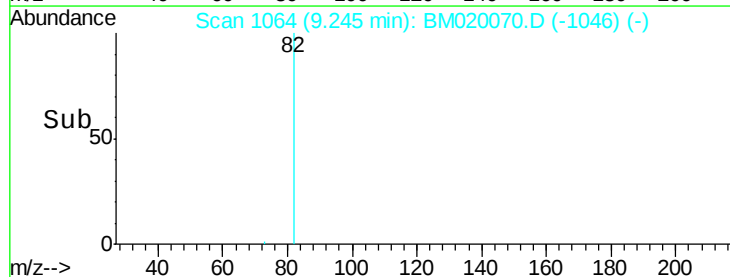
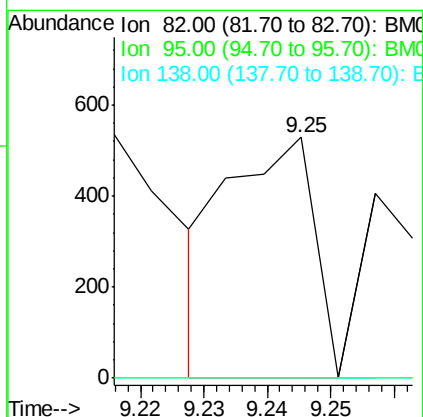
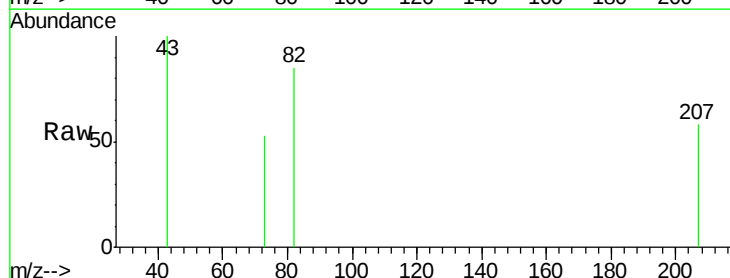
Instrument :
BNA_M
ClientSampled :

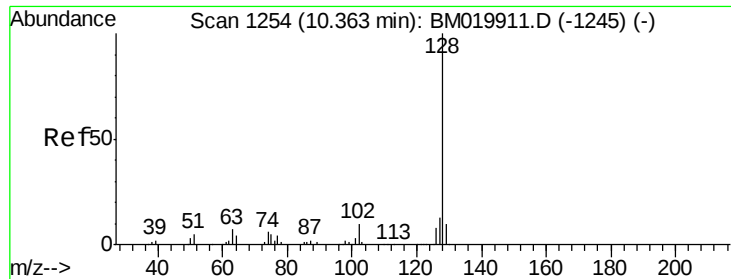
Tot Ion: 77 Resp: 3026
Ion Ratio Lower Upper
77 100
123 0.0 31.0 46.4#
65 28.2 10.6 16.0#



#25
Isophorone
Concen: 0.046 ng
RT: 9.25 min Scan# 1064
Delta R.T. 0.01 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

Tgt Ion: 82 Resp: 500
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.2 18.2#

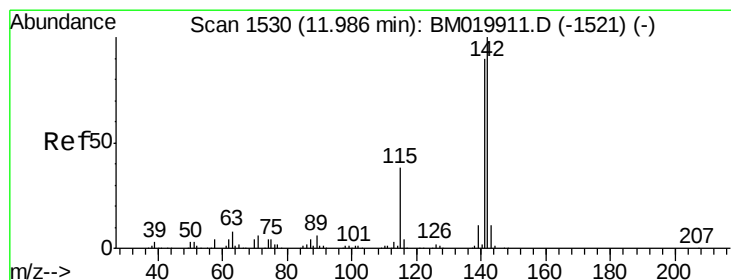
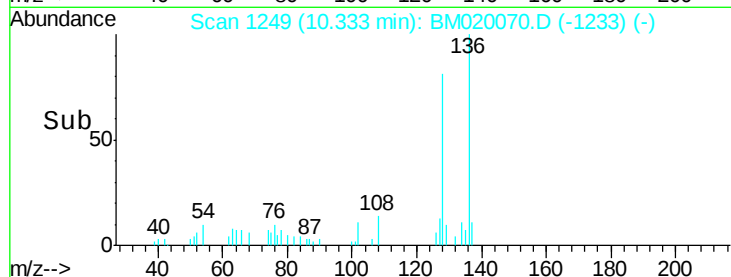
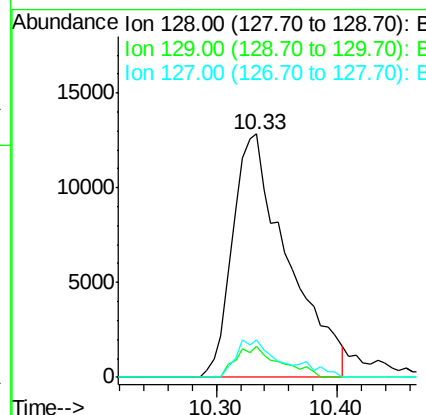
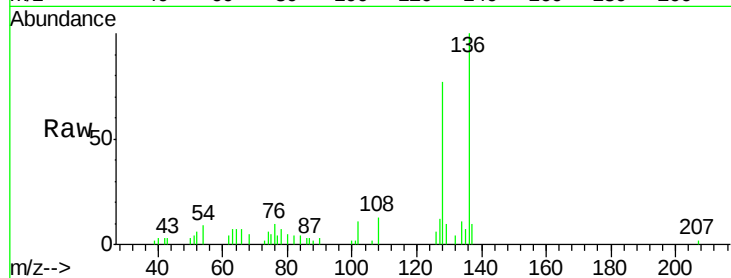




#31
Naphthalene
Concen: 3.023 ng
RT: 10.33 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

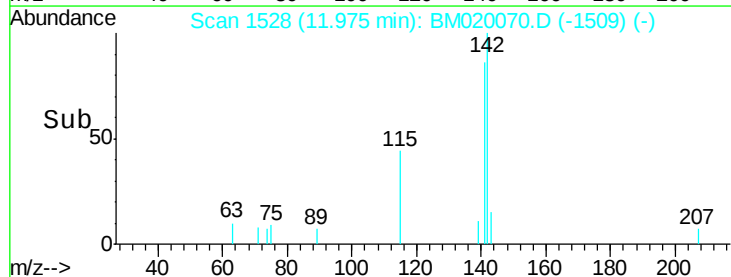
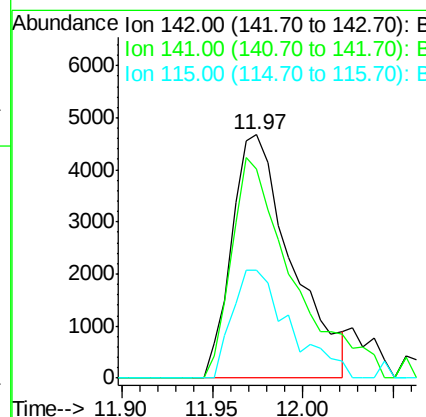
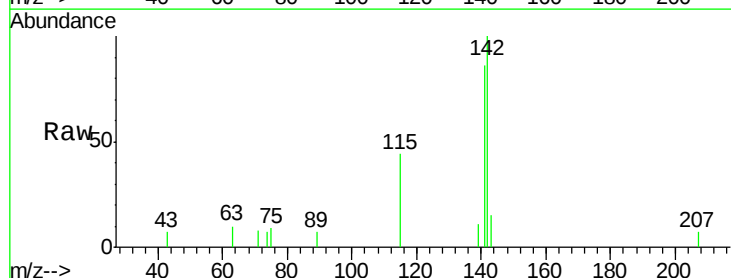
Instrument :
BNA_M
ClientSampleId :

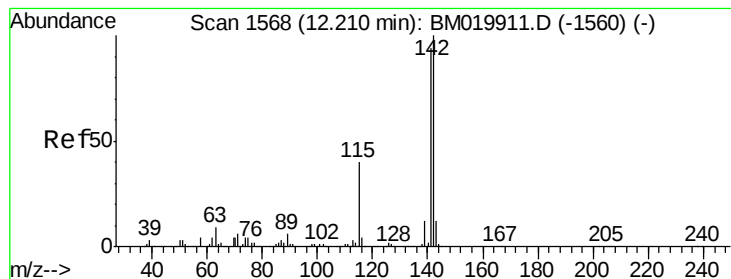
Tot Ion:128 Resp: 40719
Ion Ratio Lower Upper
128 100
129 12.7 8.3 12.5#
127 15.5 10.4 15.6



#37
2-Methylnaphthalene
Concen: 1.098 ng
RT: 11.97 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

Tgt Ion:142 Resp: 10762
Ion Ratio Lower Upper
142 100
141 85.7 72.3 108.5
115 44.5 30.5 45.7





#38

1-Methylnaphthalene

Concen: 1.295 ng

RT: 12.19 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BM020070.D

Acq: 24 Apr 2019 18:29

Instrument :

BNA_M

ClientSampleId :

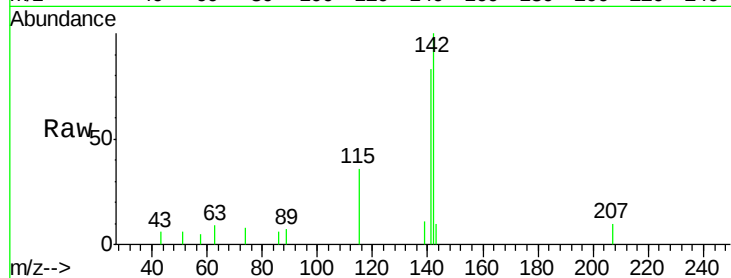
Tot Ion:142 Resp: 12541

Ion Ratio Lower Upper

142 100

141 82.8 75.7 113.5

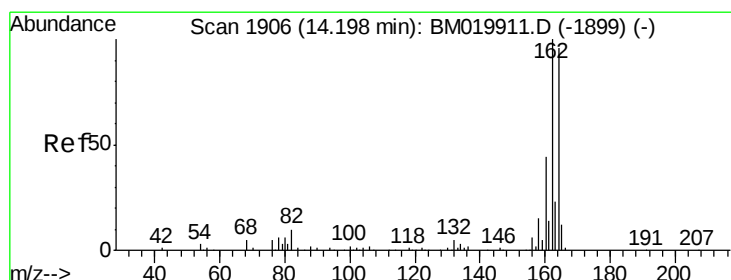
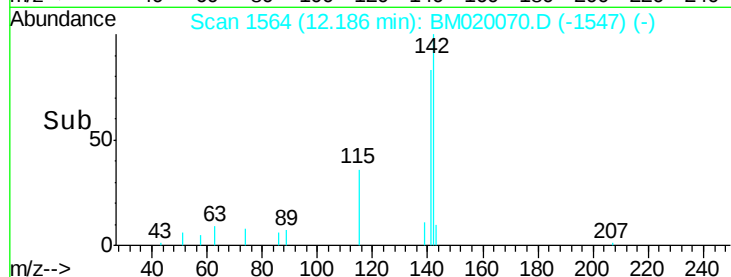
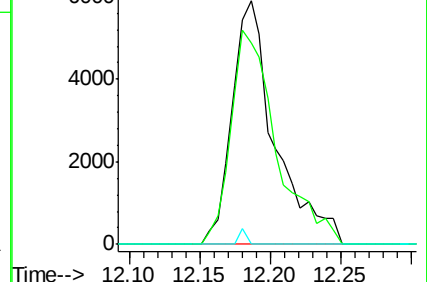
116 0.0 3.4 5.2#



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: 14.16 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BM020070.D

Acq: 24 Apr 2019 18:29

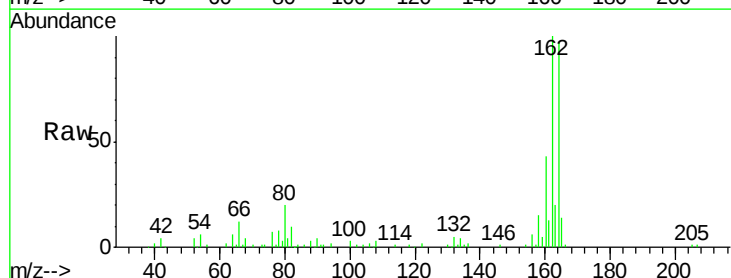
Tgt Ion:164 Resp: 158399

Ion Ratio Lower Upper

164 100

162 102.7 83.0 124.4

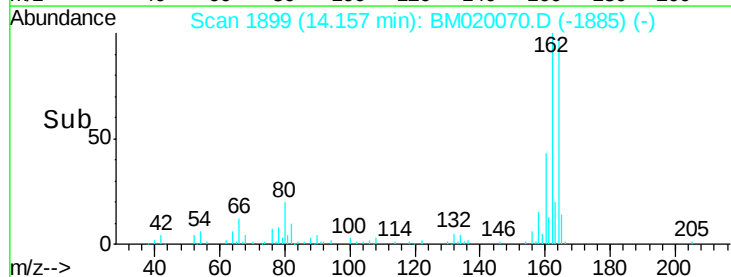
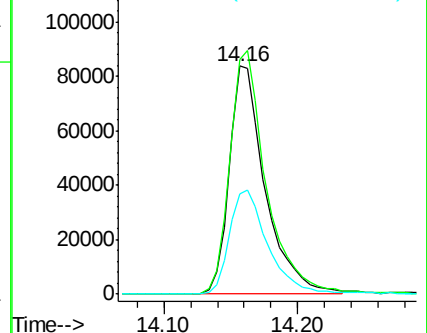
160 44.1 36.6 55.0

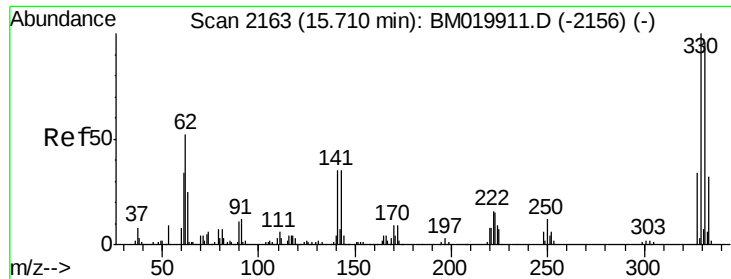


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

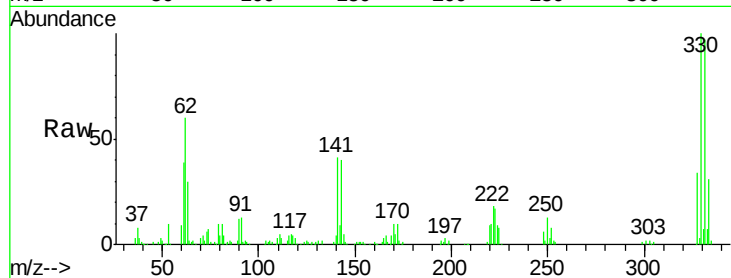




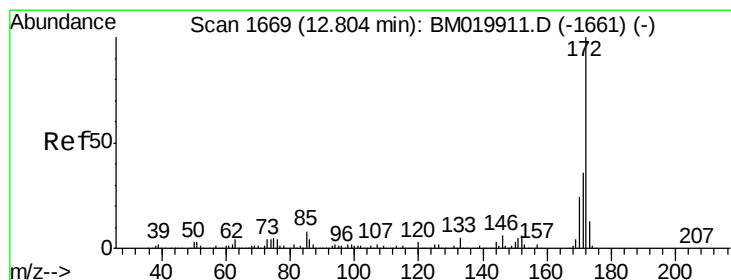
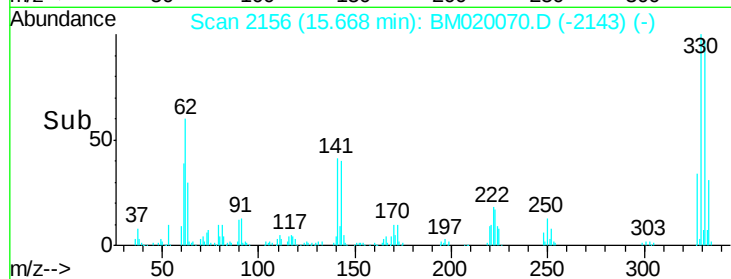
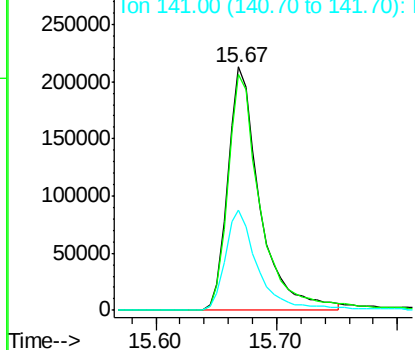
#42
 2,4,6-Tribromophenol
 Concen: 154.224 ng
 RT: 15.67 min Scan# 2156
 Delta R.T. -0.02 min
 Lab File: BM020070.D
 Acq: 24 Apr 2019 18:29

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	41.0	29.0	43.4

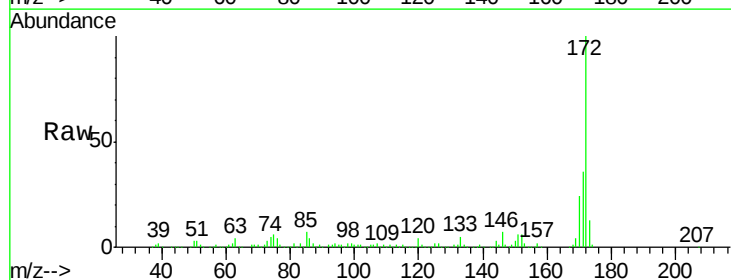


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

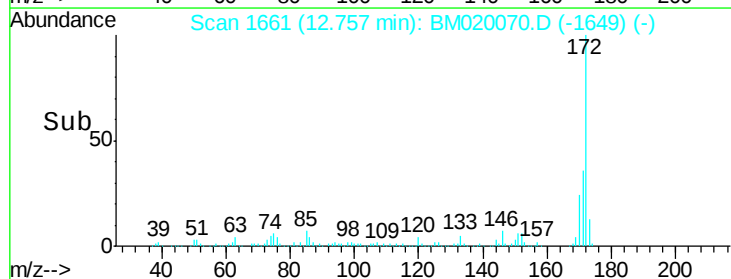
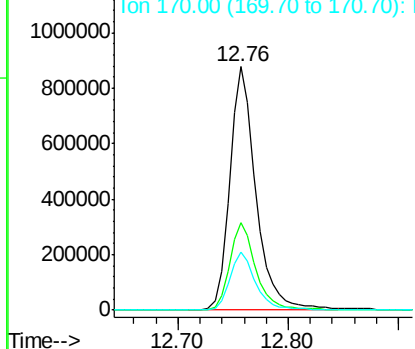


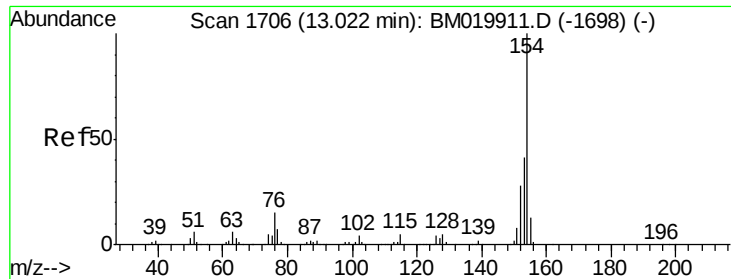
#45
 2-Fluorobiphenyl
 Concen: 114.558 ng
 RT: 12.76 min Scan# 1661
 Delta R.T. -0.03 min
 Lab File: BM020070.D
 Acq: 24 Apr 2019 18:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.8	19.0	28.4



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

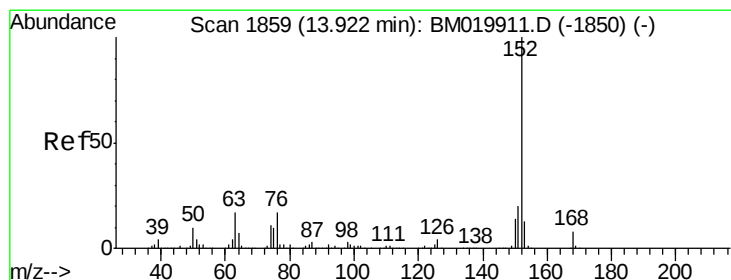
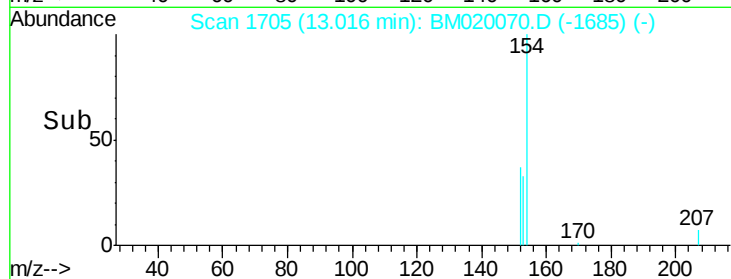
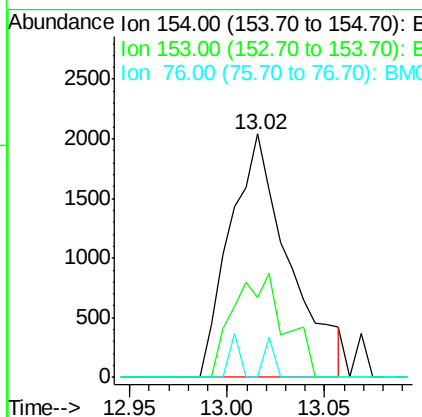
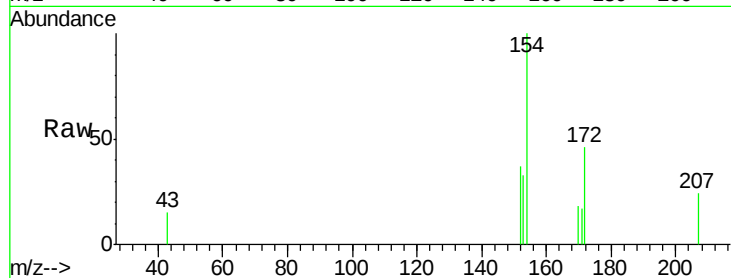




#46
 1,1'-Biphenyl
 Concen: 0.312 ng
 RT: 13.02 min Scan# 1705
 Delta R.T. 0.02 min
 Lab File: BM020070.D
 Acq: 24 Apr 2019 18:29

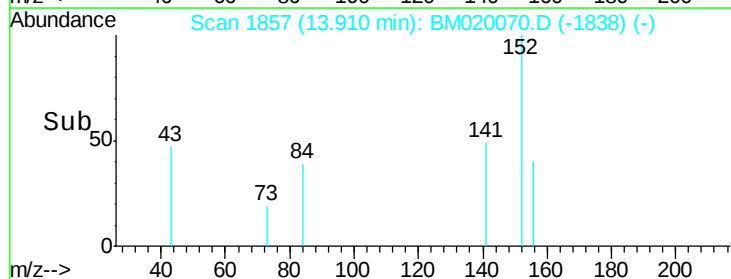
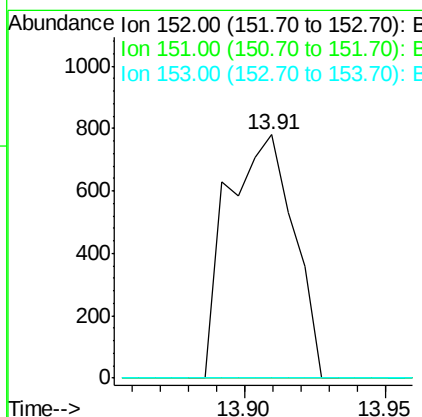
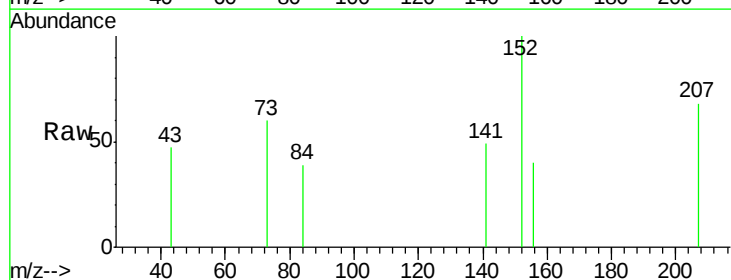
Instrument :
 BNA_M
 ClientSampled :

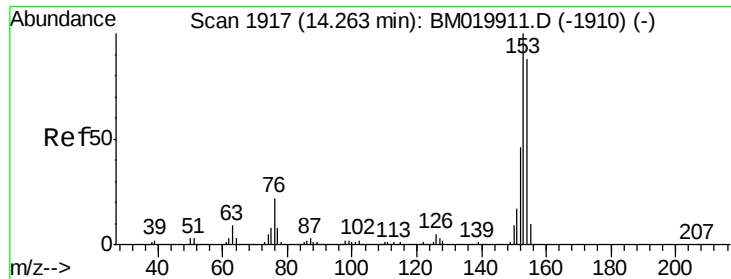
Tot Ion:154 Resp: 4276
 Ion Ratio Lower Upper
 154 100
 153 32.9 21.0 61.0
 76 0.0 0.0 34.8



#49
 Acenaphthylene
 Concen: 0.070 ng
 RT: 13.91 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BM020070.D
 Acq: 24 Apr 2019 18:29

Tgt Ion:152 Resp: 1269
 Ion Ratio Lower Upper
 152 100
 151 0.0 16.2 24.2#
 153 0.0 10.6 16.0#





#52

Acenaphthene

Concen: 1.249 ng

RT: 14.23 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BM020070.D

Acq: 24 Apr 2019 18:29

Instrument :

BNA_M

ClientSampleId :

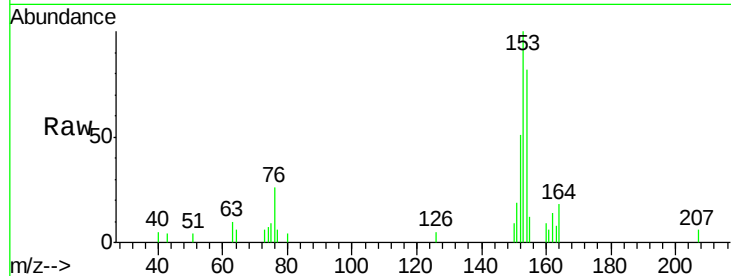
Tot Ion:154 Resp: 12614

Ion Ratio Lower Upper

154 100

153 122.3 91.0 136.4

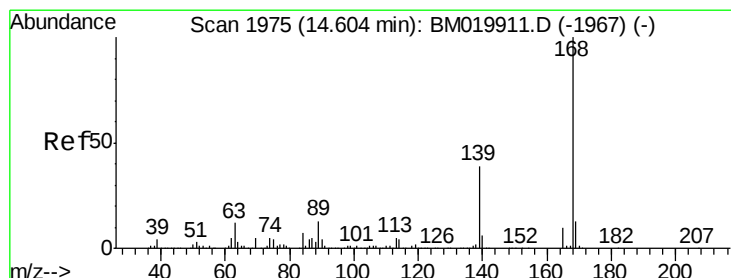
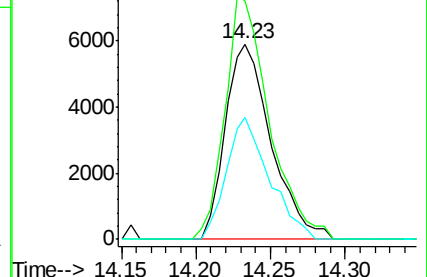
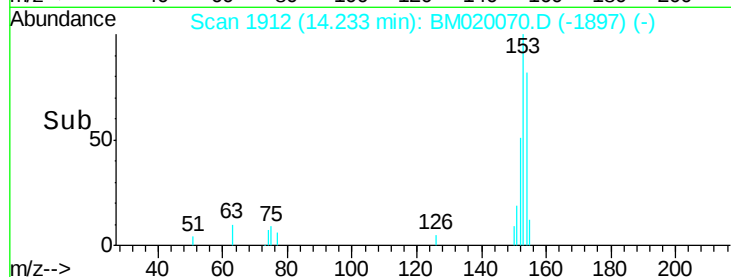
152 62.3 42.2 63.2



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: 0.589 ng

RT: 14.60 min Scan# 1975

Delta R.T. 0.02 min

Lab File: BM020070.D

Acq: 24 Apr 2019 18:29

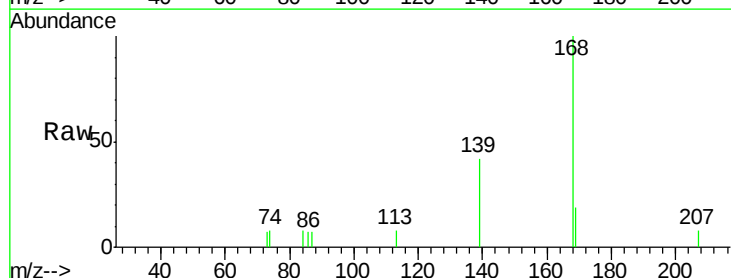
Tgt Ion:168 Resp: 9722

Ion Ratio Lower Upper

168 100

139 42.3 31.5 47.3

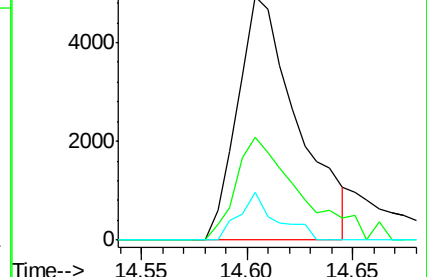
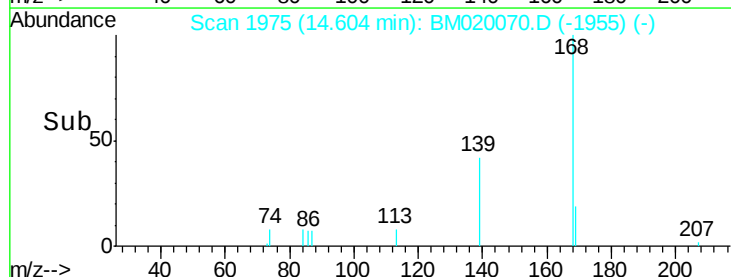
169 19.5 10.6 16.0#

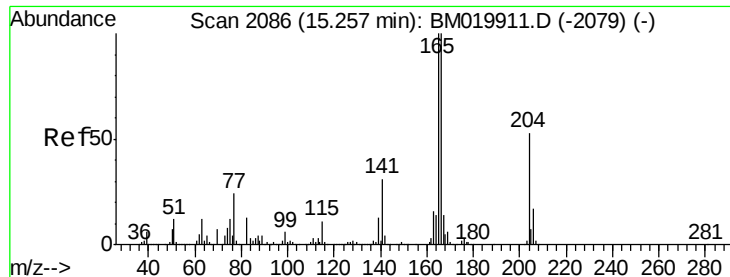


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#58

Fluorene

Concen: 1.207 ng

RT: 15.23 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BM020070.D

Acq: 24 Apr 2019 18:29

Instrument :

BNA_M

ClientSampleId :

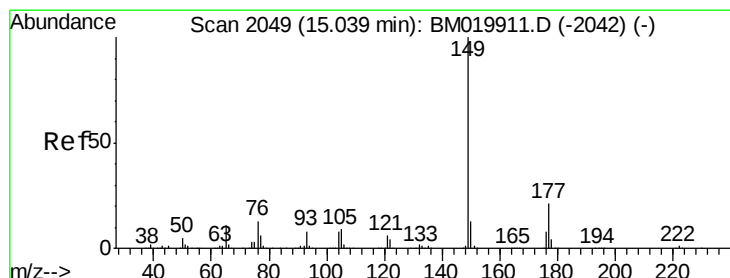
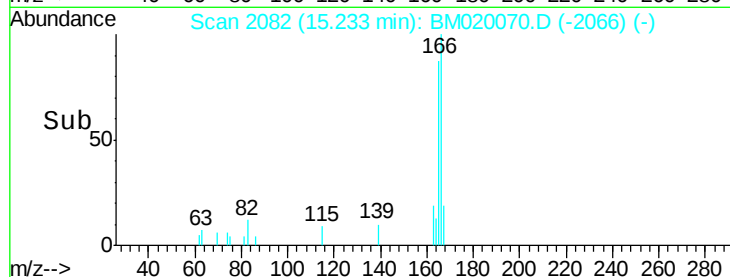
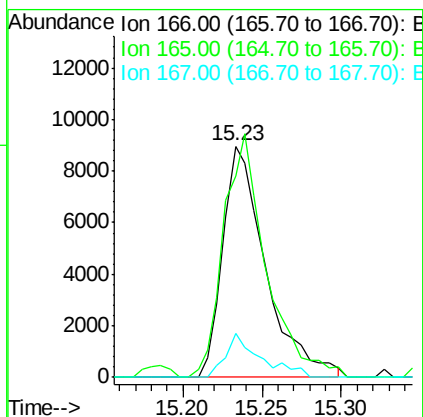
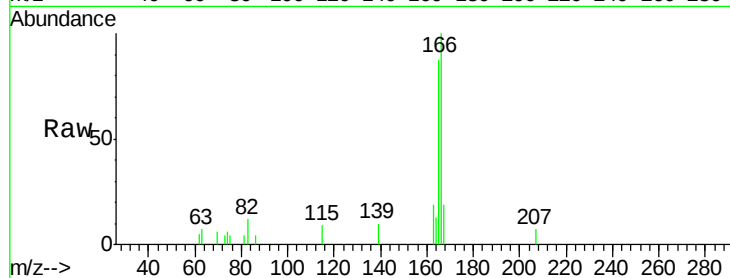
Tot Ion:166 Resp: 16885

Ion Ratio Lower Upper

166 100

165 87.1 80.1 120.1

167 18.8 11.0 16.4#



#60

Diethylphthalate

Concen: 0.050 ng

RT: 15.03 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BM020070.D

Acq: 24 Apr 2019 18:29

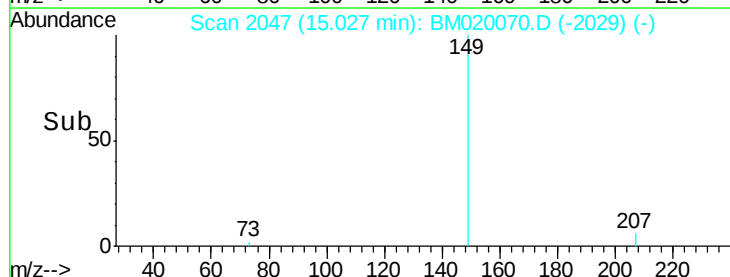
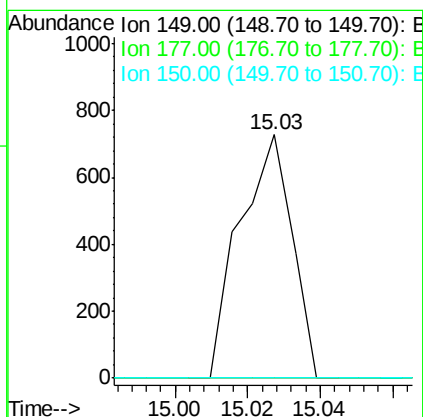
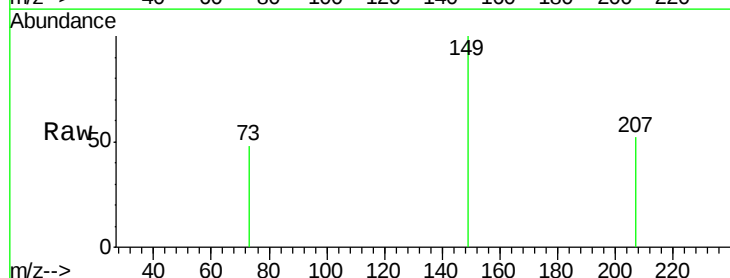
Tgt Ion:149 Resp: 727

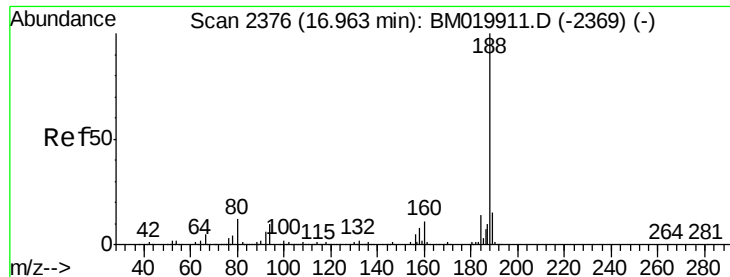
Ion Ratio Lower Upper

149 100

177 0.0 16.6 25.0#

150 0.0 10.0 15.0#

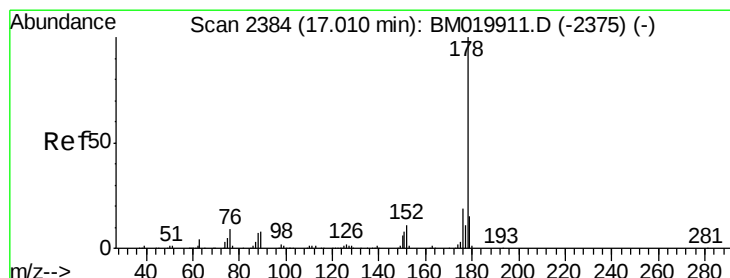
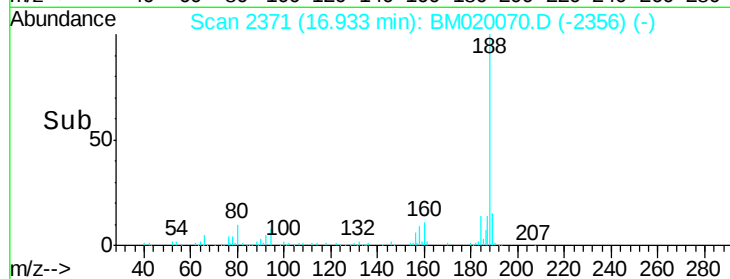
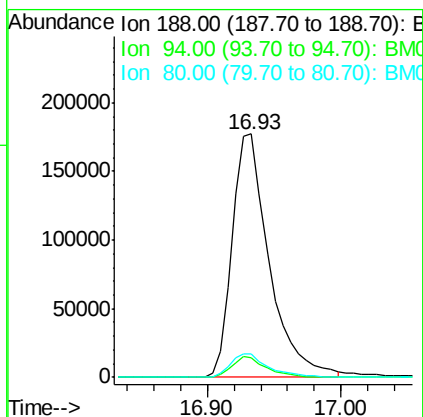
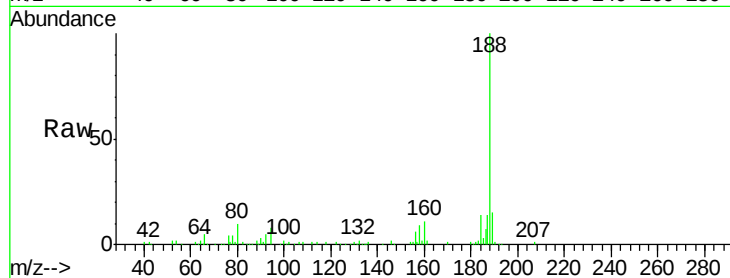




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

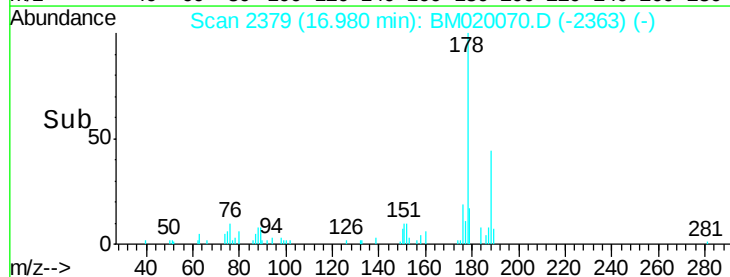
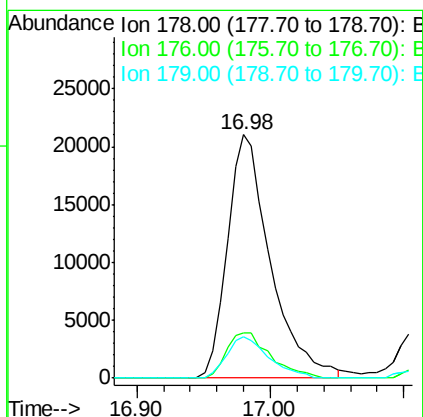
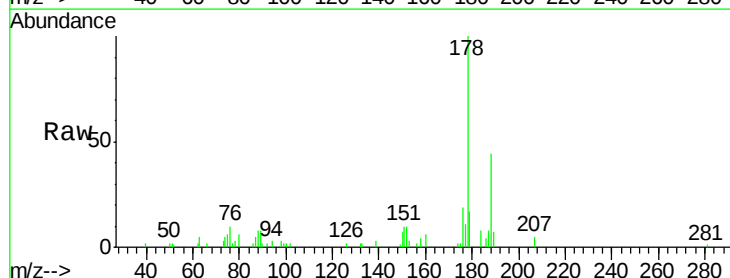
Instrument :
BNA_M
ClientSampleId :

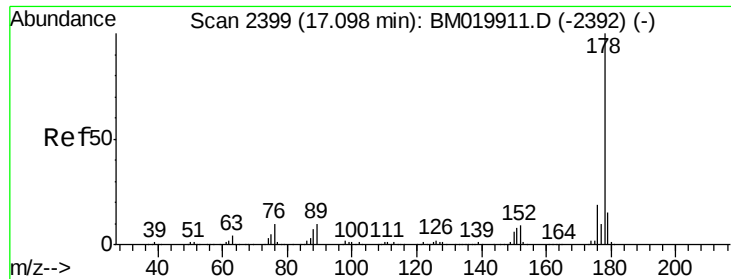
Tot Ion:188 Resp: 343308
Ion Ratio Lower Upper
188 100
94 8.0 7.6 11.4
80 9.8 9.4 14.0



#71
Phenanthrene
Concen: 2.316 ng
RT: 16.98 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

Tgt Ion:178 Resp: 47186
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 17.0 12.2 18.4





#72

Anthracene

Concen: 0.337 ng

RT: 17.10 min Scan# 2400

Delta R.T. 0.02 min

Lab File: BM020070.D

Acq: 24 Apr 2019 18:29

Instrument :

BNA_M

ClientSampled :

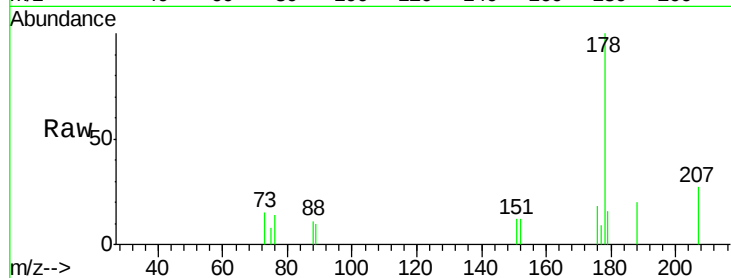
Tot Ion:178 Resp: 6838

Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.4

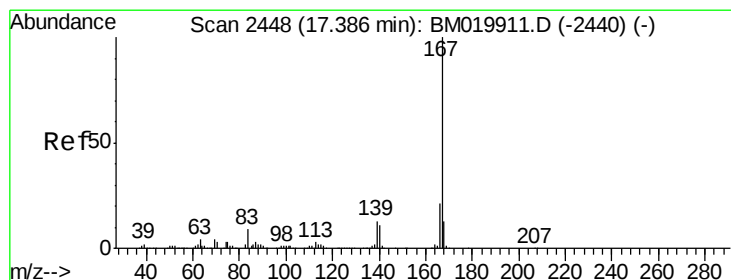
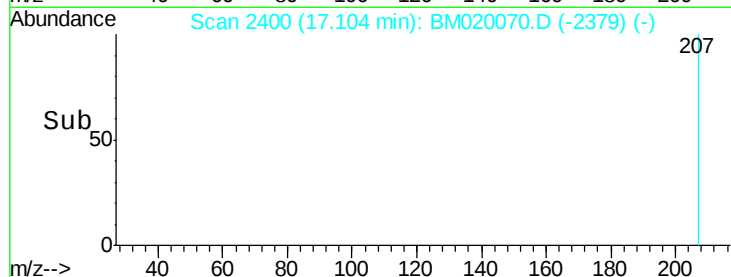
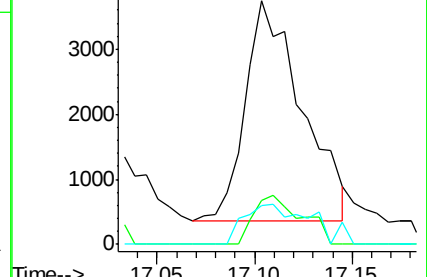
179 16.0 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.875 ng

RT: 17.40 min Scan# 2451

Delta R.T. 0.04 min

Lab File: BM020070.D

Acq: 24 Apr 2019 18:29

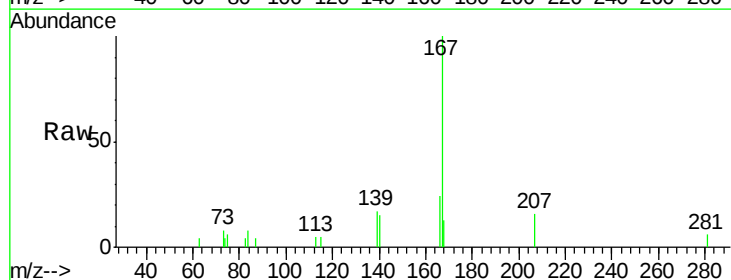
Tgt Ion:167 Resp: 16569

Ion Ratio Lower Upper

167 100

166 24.4 17.2 25.8

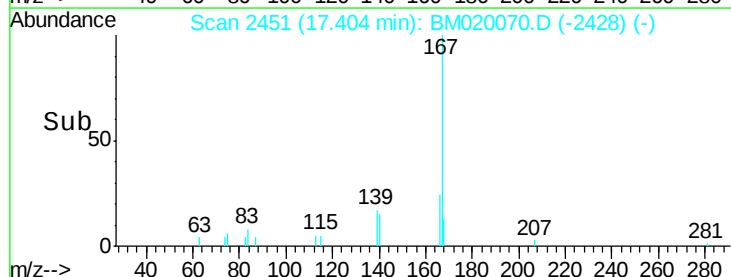
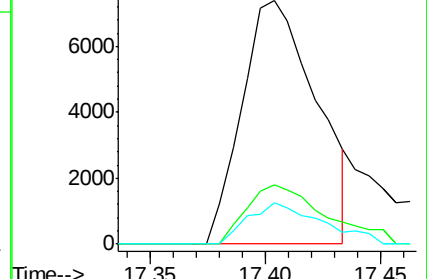
139 17.0 10.7 16.1#

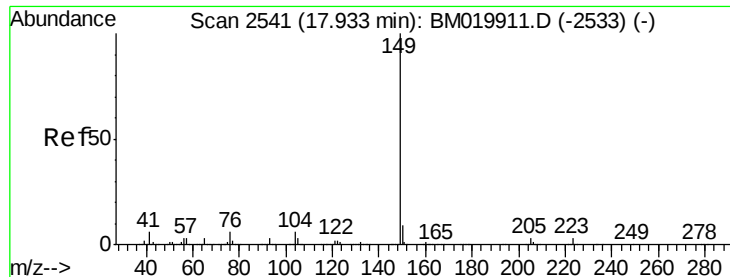


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

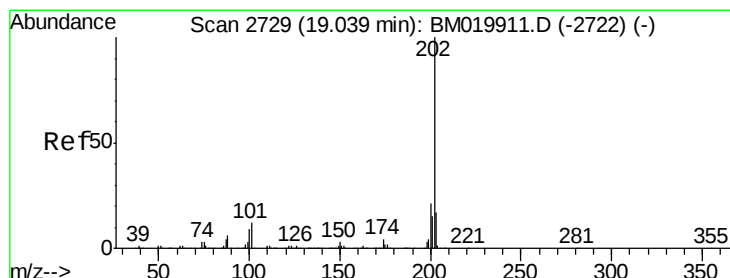
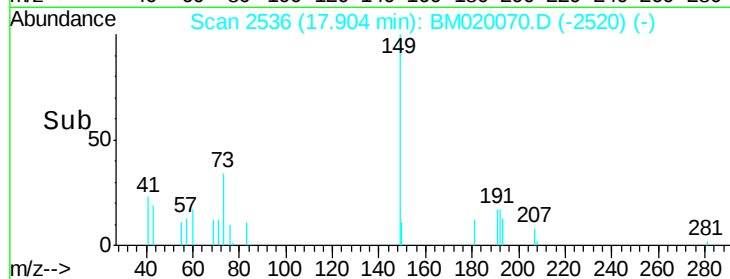
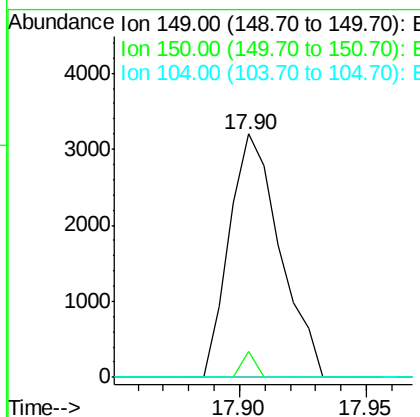
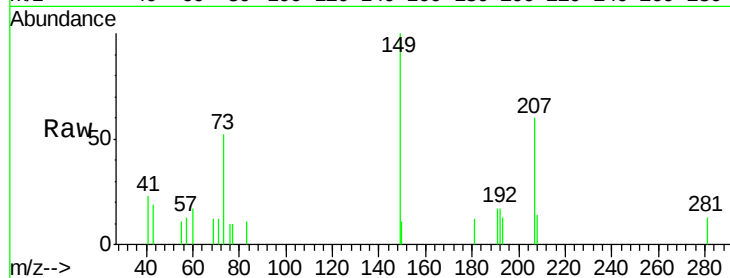




#74
Di-n-butylphthalate
Concen: 0.178 ng
RT: 17.90 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

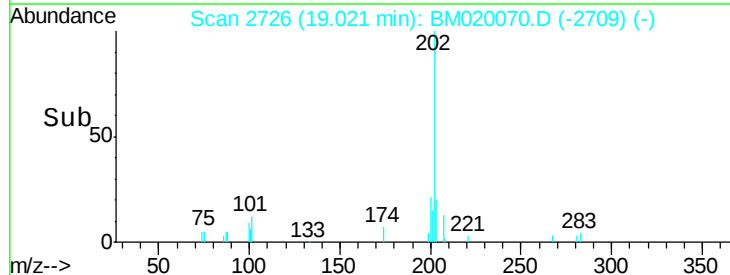
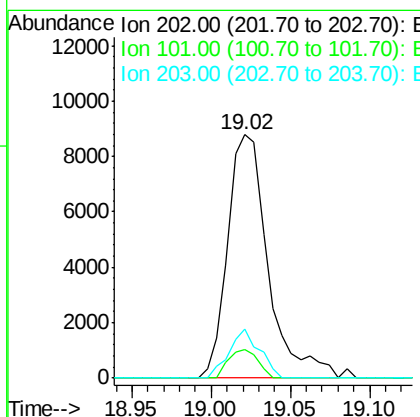
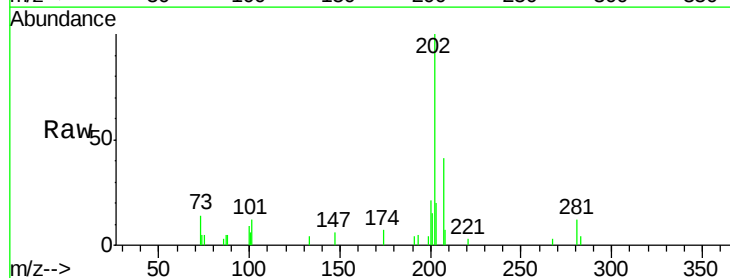
Instrument :
BNA_M
ClientSampleId :

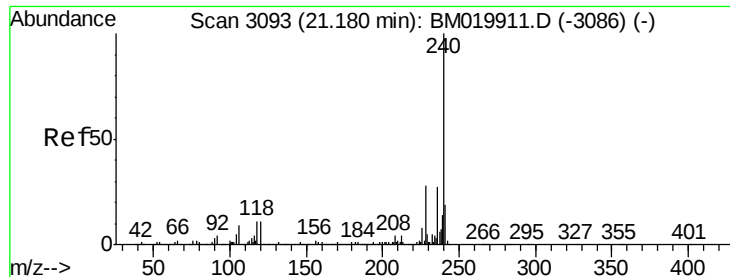
Tot Ion:149 Resp: 4438
Ion Ratio Lower Upper
149 100
150 10.6 7.2 10.8
104 0.0 4.6 7.0#



#75
Fluoranthene
Concen: 0.662 ng
RT: 19.02 min Scan# 2726
Delta R.T. -0.00 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

Tgt Ion:202 Resp: 15517
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.7
203 20.0 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM020070.D

Acq: 24 Apr 2019 18:29

Instrument :

BNA_M

ClientSampleId :

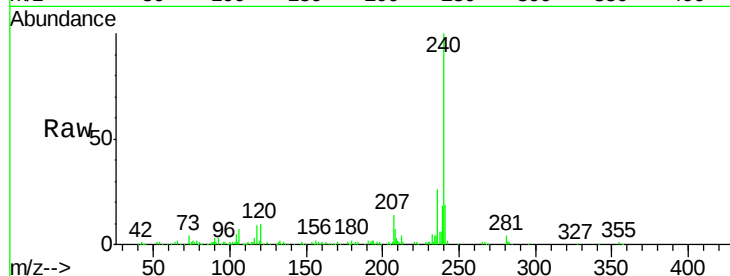
Tot Ion:240 Resp: 287375

Ion Ratio Lower Upper

240 100

120 9.6 8.6 13.0

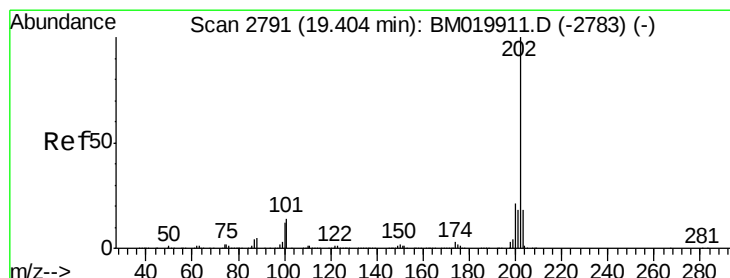
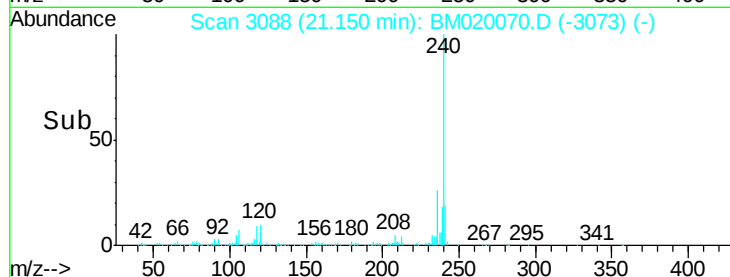
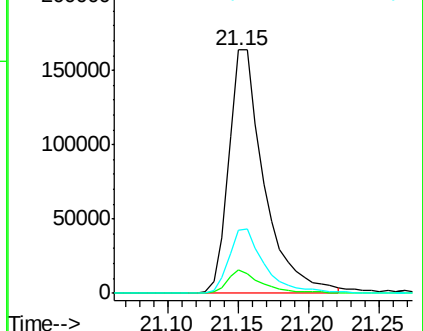
236 25.8 21.4 32.2



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



#78

Pyrene

Concen: 0.595 ng

RT: 19.39 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BM020070.D

Acq: 24 Apr 2019 18:29

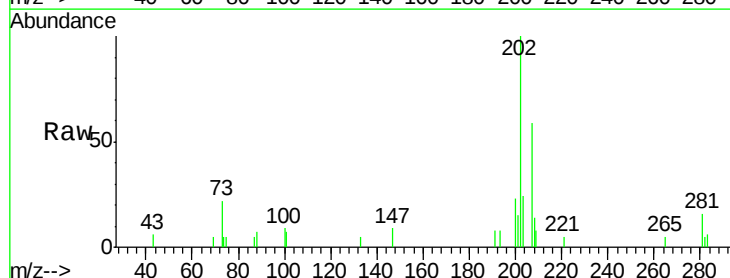
Tgt Ion:202 Resp: 11322

Ion Ratio Lower Upper

202 100

200 23.2 17.0 25.4

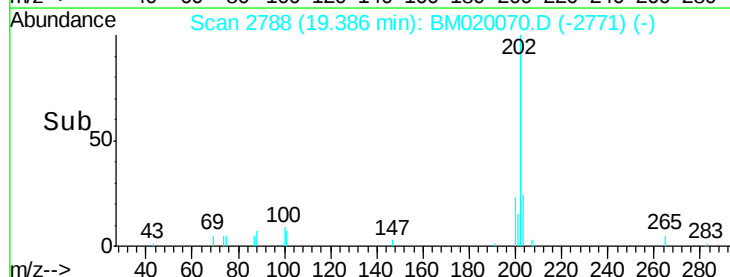
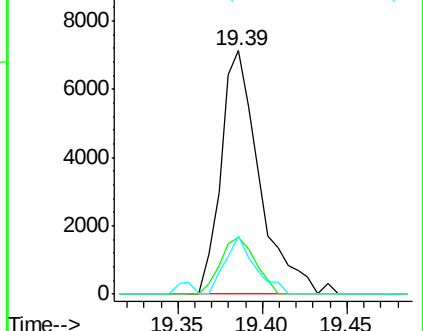
203 23.7 14.0 21.0#

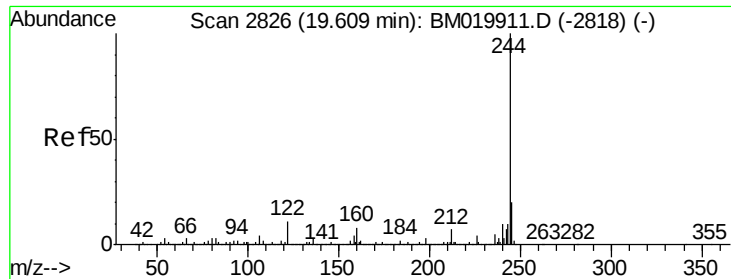


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

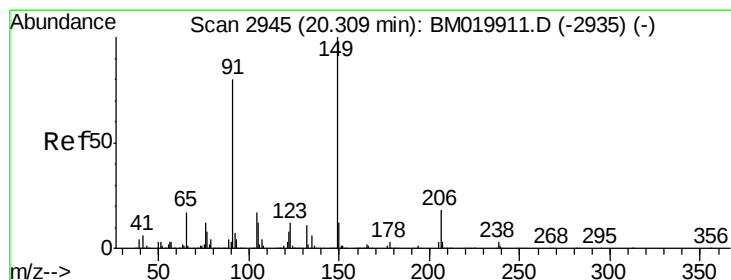
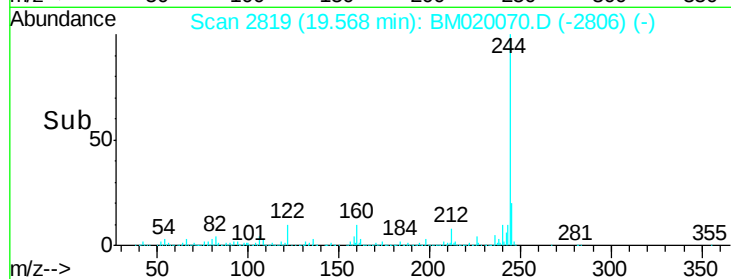
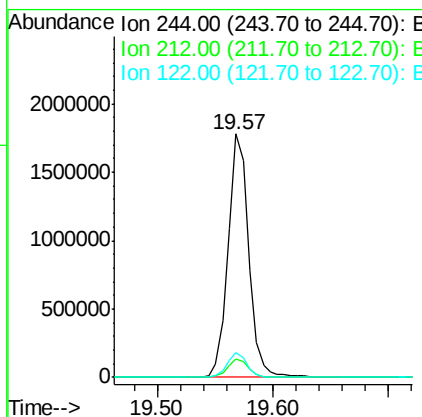
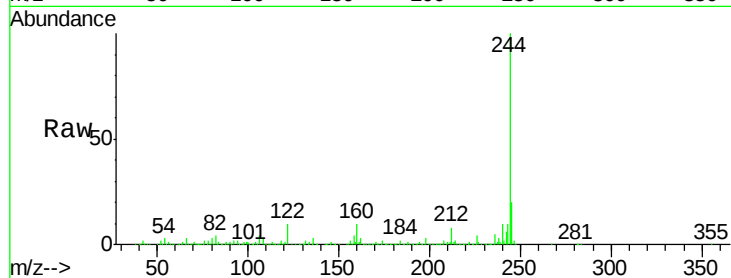




#79
 Terphenyl-d14
 Concen: 135.187 ng
 RT: 19.57 min Scan# 2819
 Delta R.T. -0.02 min
 Lab File: BM020070.D
 Acq: 24 Apr 2019 18:29

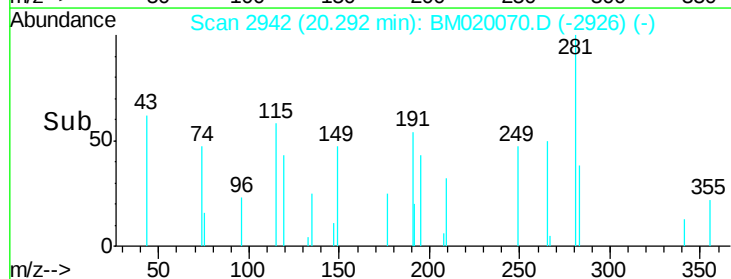
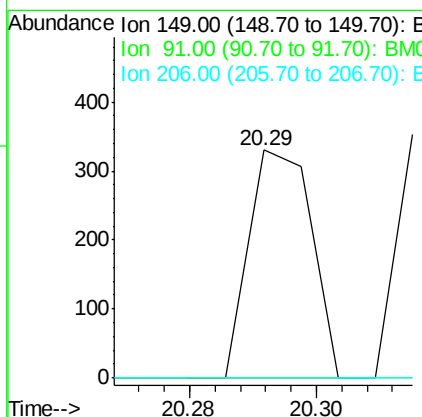
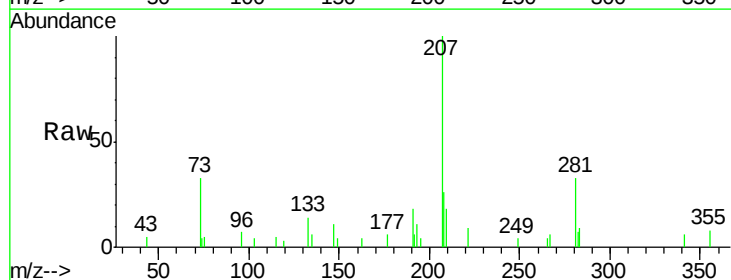
Instrument :
 BNA_M
 ClientSampleId :

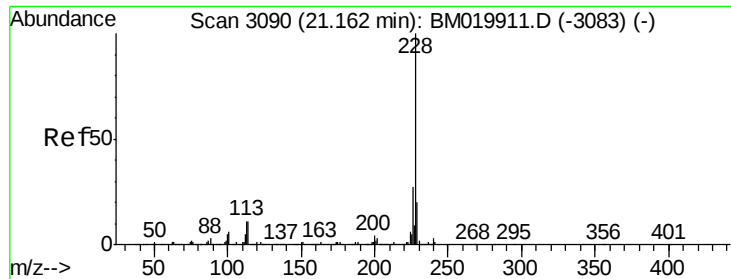
Tot Ion:244 Resp: 2202557
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 10.0 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 0.024 ng
 RT: 20.29 min Scan# 2942
 Delta R.T. -0.01 min
 Lab File: BM020070.D
 Acq: 24 Apr 2019 18:29

Tgt Ion:149 Resp: 225
 Ion Ratio Lower Upper
 149 100
 91 0.0 63.7 95.5#
 206 0.0 14.6 21.8#

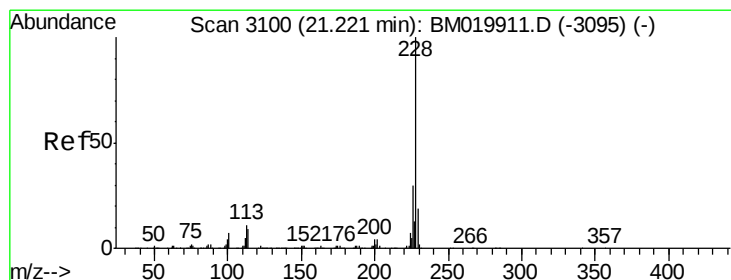
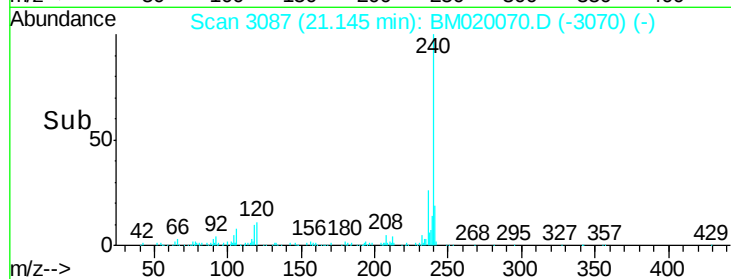
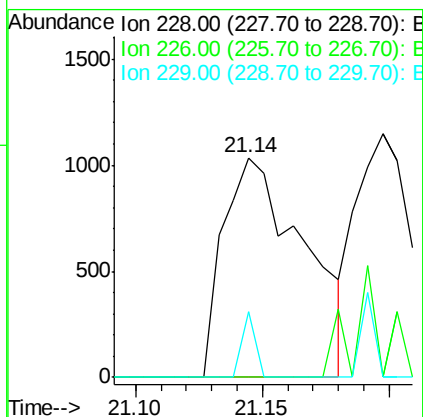
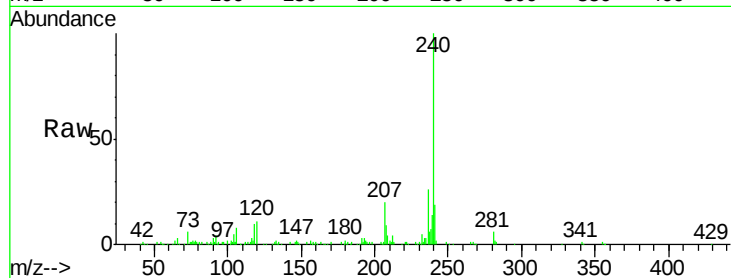




#81
Benzo(a)anthracene
Concen: 0.126 ng
RT: 21.14 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

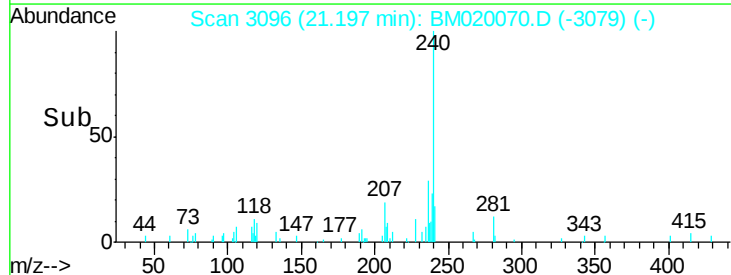
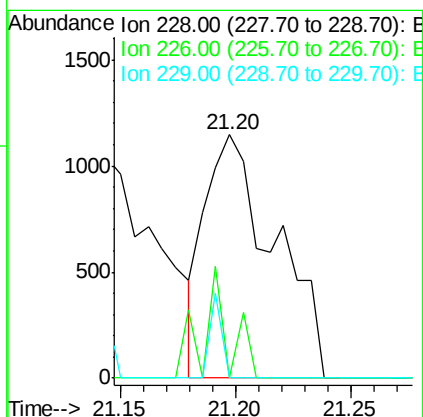
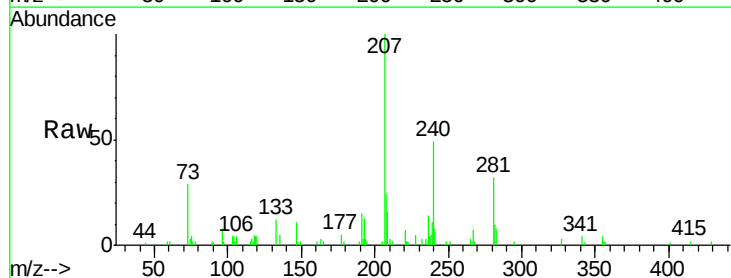
Instrument :
BNA_M
ClientSampleId :

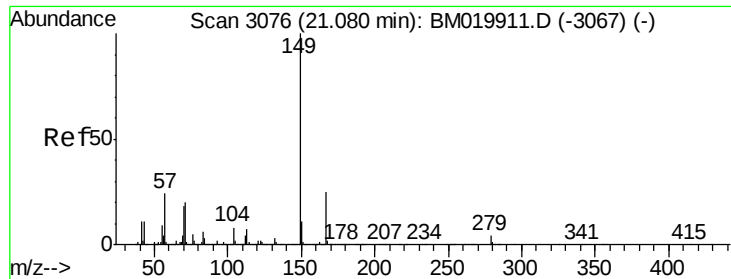
Tot Ion:228 Resp: 2285
Ion Ratio Lower Upper
228 100
226 0.0 21.8 32.6#
229 30.0 15.9 23.9#



#83
Chrysene
Concen: 0.137 ng
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

Tgt Ion:228 Resp: 2398
Ion Ratio Lower Upper
228 100
226 0.0 23.7 35.5#
229 0.0 15.6 23.4#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.132 ng

RT: 21.04 min Scan# 3069

Delta R.T. -0.02 min

Lab File: BM020070.D

Acq: 24 Apr 2019 18:29

Instrument :

BNA_M

ClientSampled :

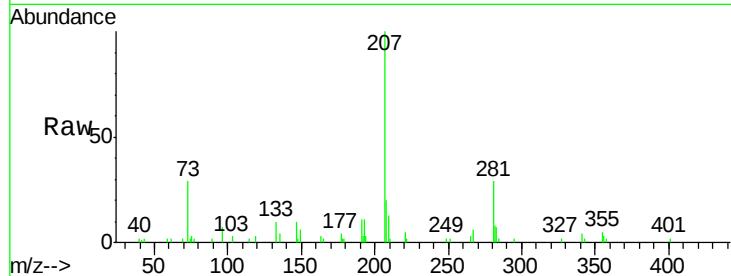
Tot Ion:149 Resp: 1816

Ion Ratio Lower Upper

149 100

167 0.0 20.3 30.5#

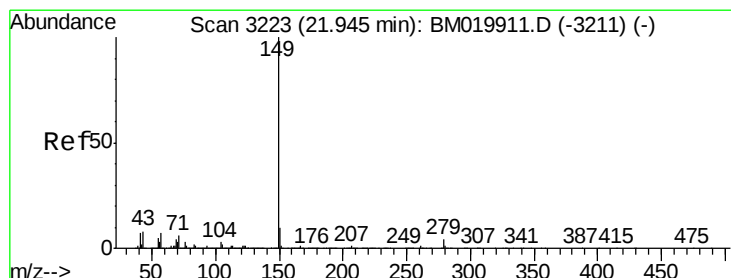
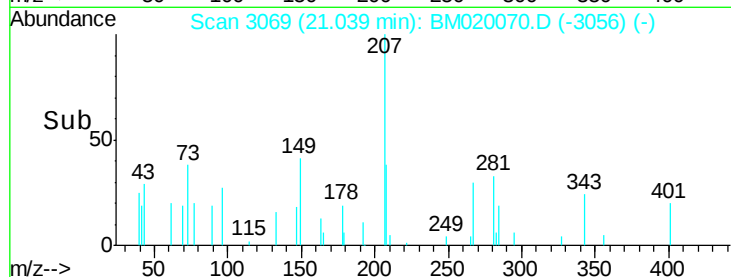
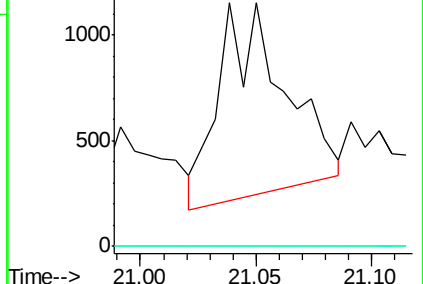
279 0.0 3.4 5.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.045 ng

RT: 21.93 min Scan# 3221

Delta R.T. 0.01 min

Lab File: BM020070.D

Acq: 24 Apr 2019 18:29

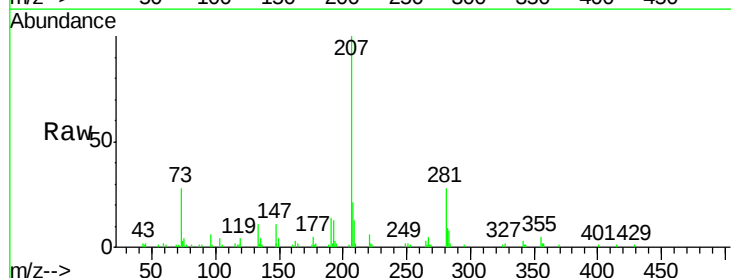
Tgt Ion:149 Resp: 1010

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

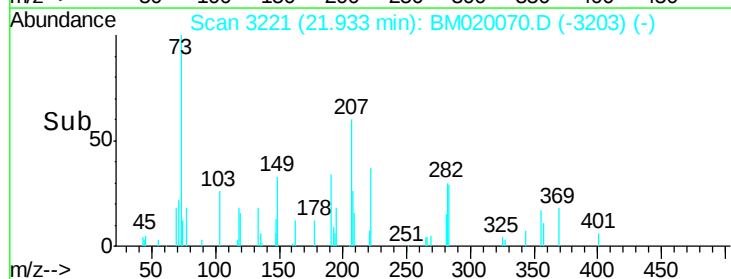
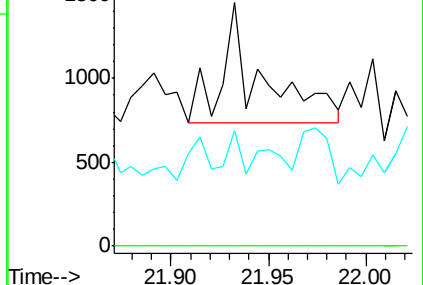
43 14.3 6.0 9.0#

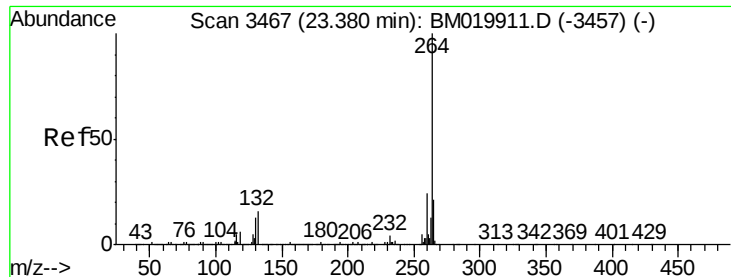


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.34 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM020070.D

Acq: 24 Apr 2019 18:29

Instrument :

BNA_M

ClientSampleId :

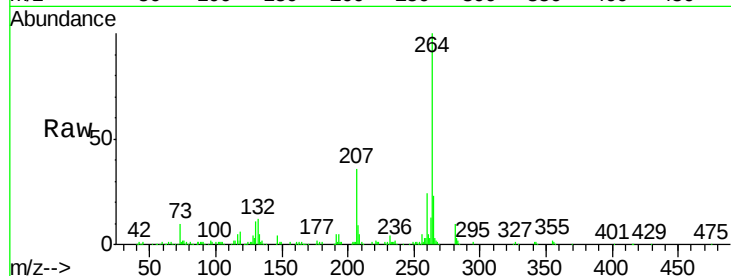
Tot Ion:264 Resp: 321601

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

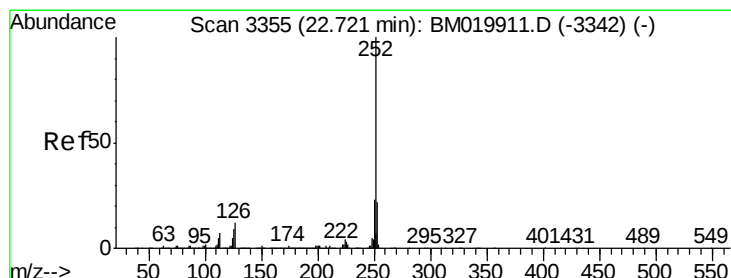
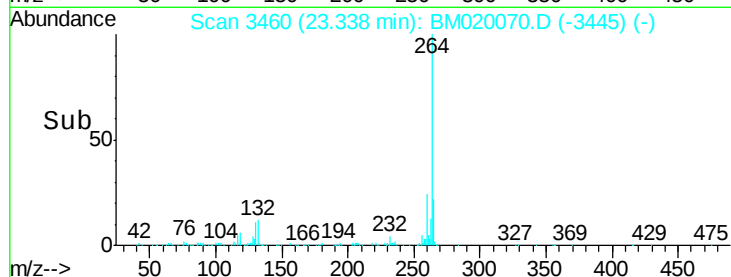
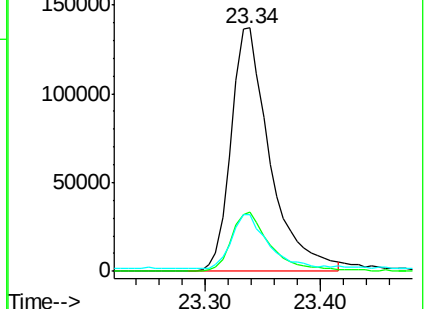
265 23.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 0.012 ng

RT: 22.68 min Scan# 3348

Delta R.T. -0.02 min

Lab File: BM020070.D

Acq: 24 Apr 2019 18:29

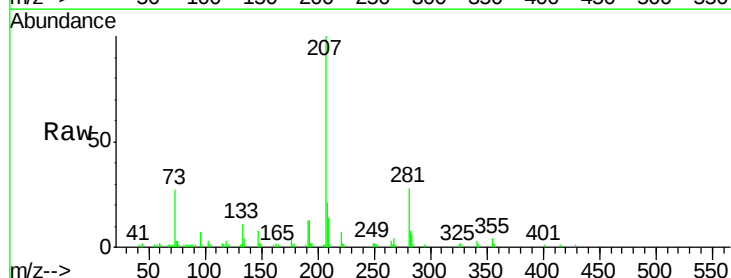
Tgt Ion:252 Resp: 254

Ion Ratio Lower Upper

252 100

253 90.4 17.5 26.3#

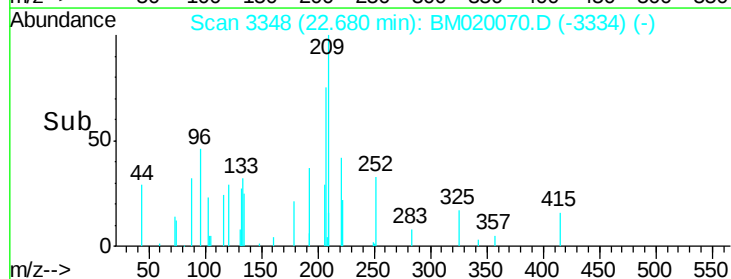
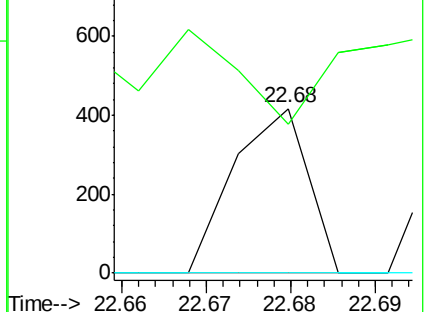
125 0.0 7.6 11.4#

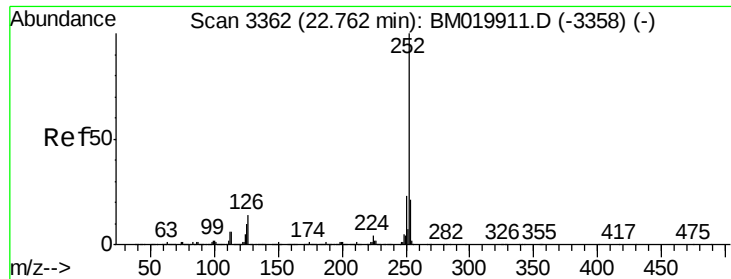


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.072 ng

RT: 22.71 min Scan# 3354

Delta R.T. -0.02 min

Lab File: BM020070.D

Acq: 24 Apr 2019 18:29

Instrument :

BNA_M

ClientSampled :

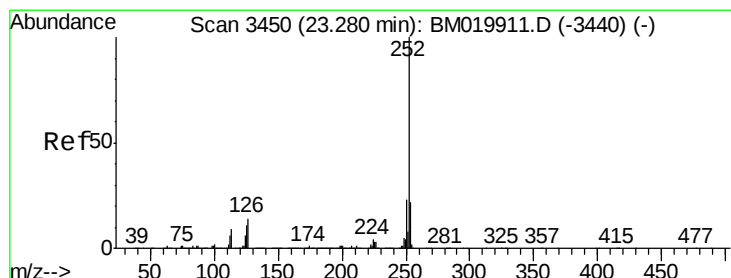
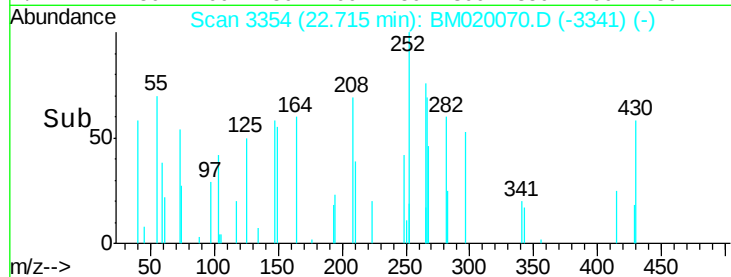
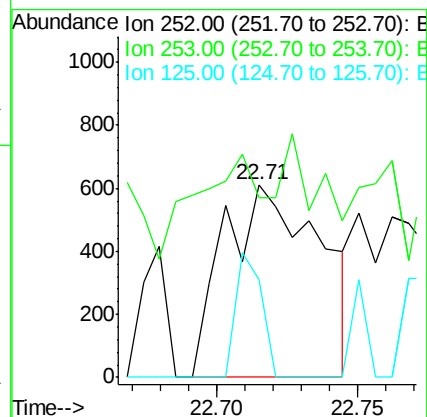
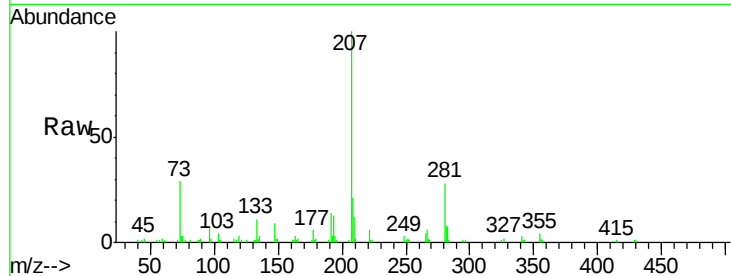
Tot Ion:252 Resp: 1453

Ion Ratio Lower Upper

252 100

253 93.3 17.3 25.9#

125 50.5 8.2 12.4#



#90

Benzo(a)pyrene

Concen: 0.007 ng

RT: 23.24 min Scan# 3443

Delta R.T. -0.02 min

Lab File: BM020070.D

Acq: 24 Apr 2019 18:29

Tgt Ion:252 Resp: 139

Ion Ratio Lower Upper

252 100

253 113.2 17.8 26.8#

125 0.0 9.1 13.7#

