

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031519\
 Data File : BM019187.D
 Acq On : 15 Mar 2019 15:37
 Operator : JU/SJ
 Sample : K1899-02DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-2ADL

Quant Time: Mar 16 01:34:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

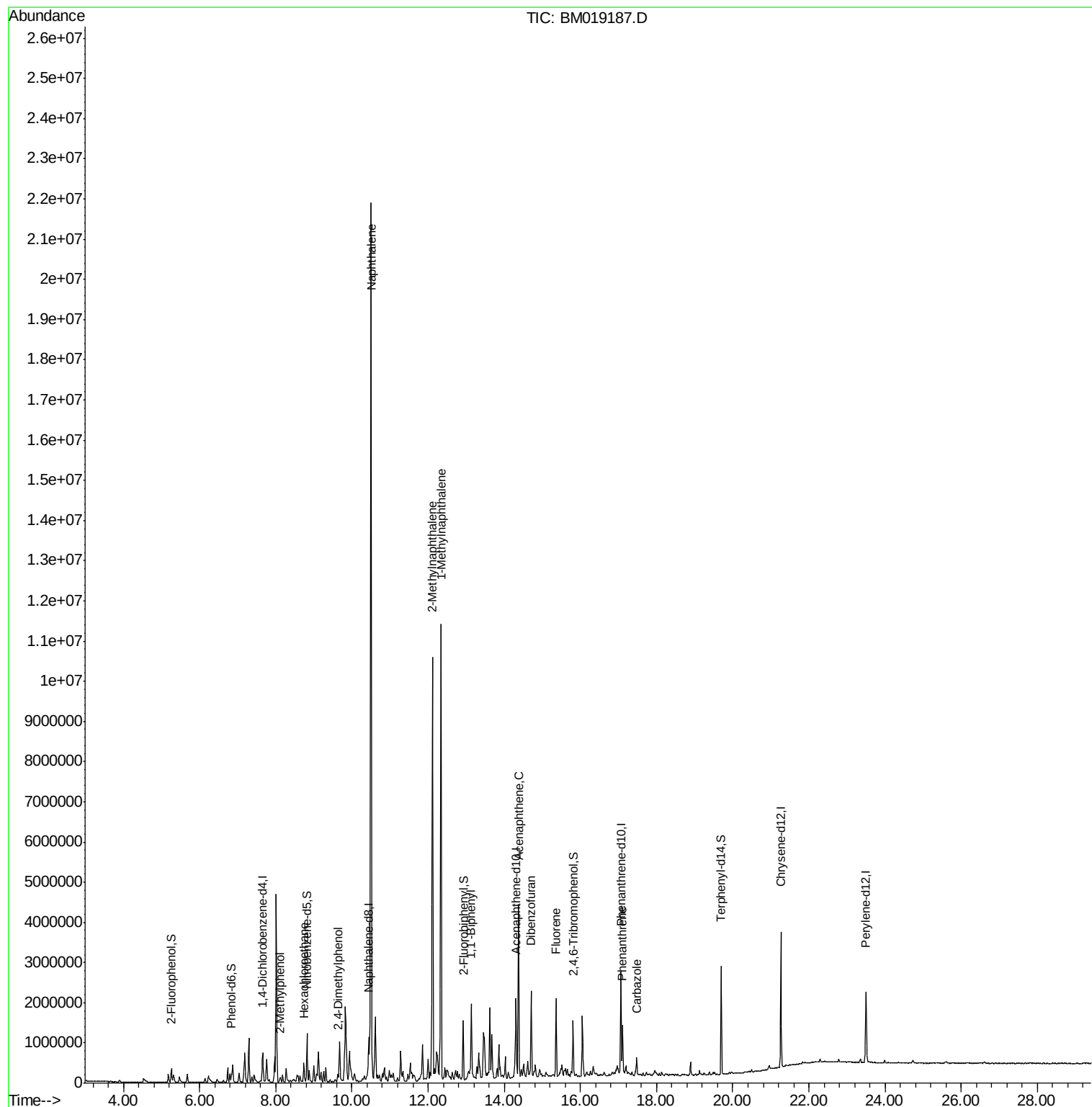
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	197127	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	976149	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	619161	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1370426	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1362126	20.00	ng	-0.01
87) Perylene-d12	23.50	264	1205056	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	144358	11.86	ng	0.00
7) Phenol-d6	6.83	99	136117	7.65	ng	-0.01
23) Nitrobenzene-d5	8.82	82	322482	15.62	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	218900	23.95	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	747918	15.71	ng	-0.01
79) Terphenyl-d14	19.70	244	1161400	16.93	ng	-0.01
Target Compounds						
17) 2-Methylphenol	8.10	107	30611	2.448	ng	91
18) Hexachloroethane	8.75	117	57255	9.763	ng	# 1
27) 2,4-Dimethylphenol	9.63	122	34855	2.634	ng	98
31) Naphthalene	10.50	128	17380777	337.817	ng	# 93
37) 2-Methylnaphthalene	12.12	142	4916200	131.493	ng	99
38) 1-Methylnaphthalene	12.34	142	5044532	136.887	ng	99
46) 1,1'-Biphenyl	13.13	154	886509	16.395	ng	99
52) Acenaphthene	14.37	154	1401431	35.738	ng	99
55) Dibenzofuran	14.71	168	1291106	20.416	ng	99
58) Fluorene	15.36	166	792875	15.210	ng	98
71) Phenanthrene	17.10	178	646108	8.044	ng	100
73) Carbazole	17.48	167	284933	3.839	ng	100

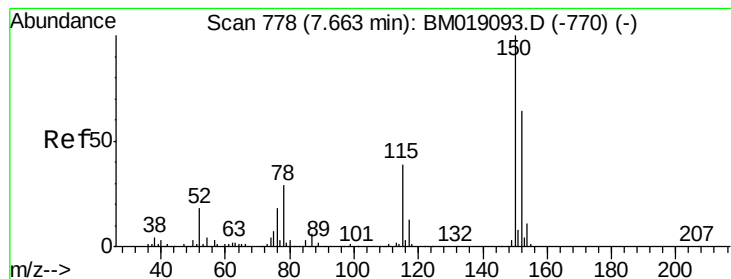
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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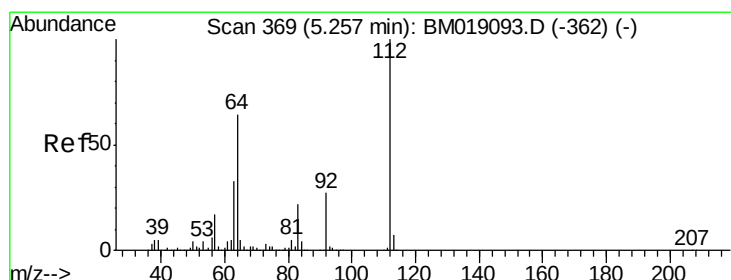
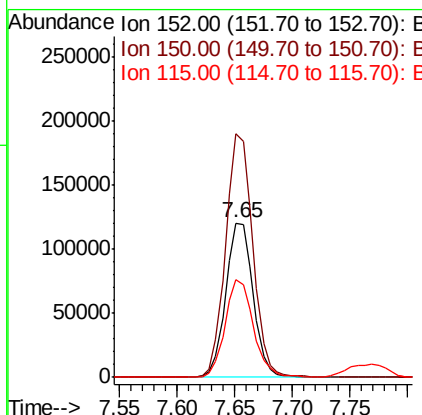
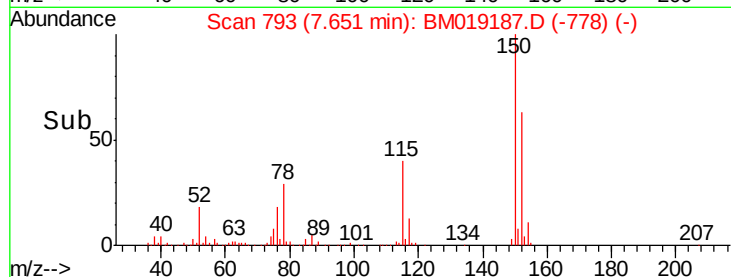
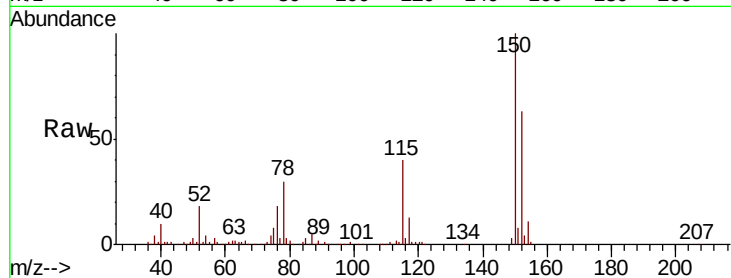




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.65 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BM019187.D
 Acq: 15 Mar 2019 15:37

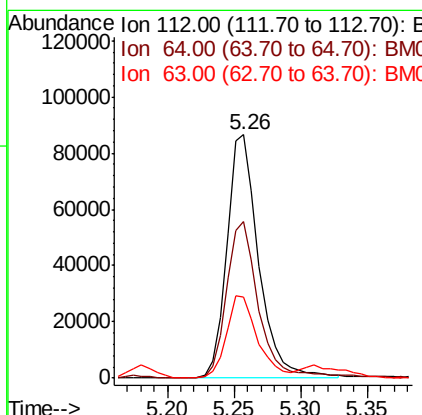
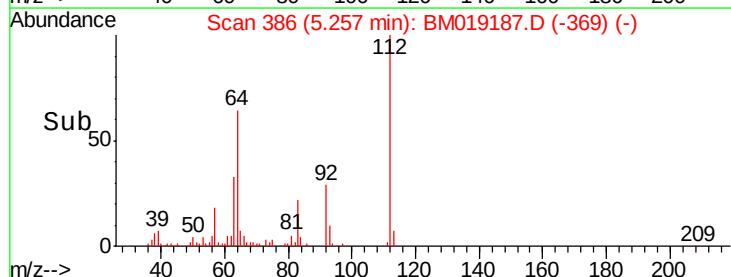
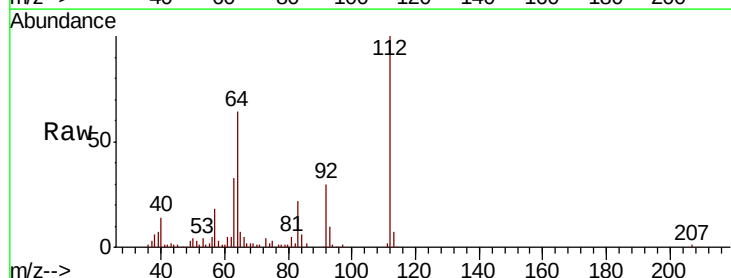
Instrument :
 BNA_M
 ClientSampleId :
 MW-2ADL

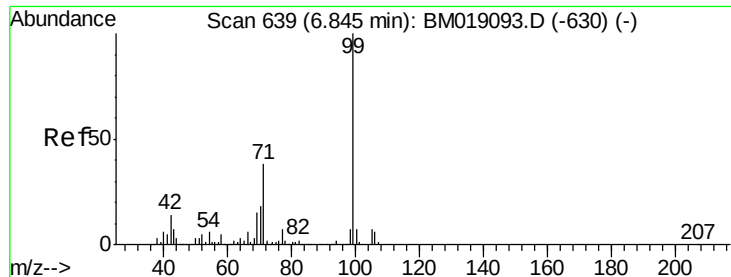
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.3	187.9
115	63.2	49.4	74.0



#5
 2-Fluorophenol
 Concen: 11.860 ng
 RT: 5.26 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: BM019187.D
 Acq: 15 Mar 2019 15:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	51.4	77.0
63	33.2	26.6	40.0





#7

Phenol-d6

Concen: 7.645 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019187.D

Acq: 15 Mar 2019 15:37

Instrument :

BNA_M

ClientSampleId :

MW-2ADL

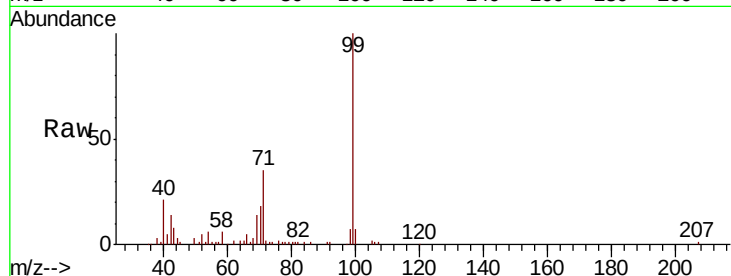
Tgt Ion: 99 Resp: 136117

Ion Ratio Lower Upper

99 100

42 13.9 10.9 16.3

71 34.5 30.3 45.5

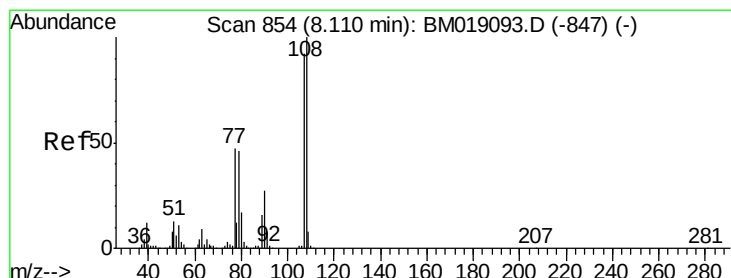
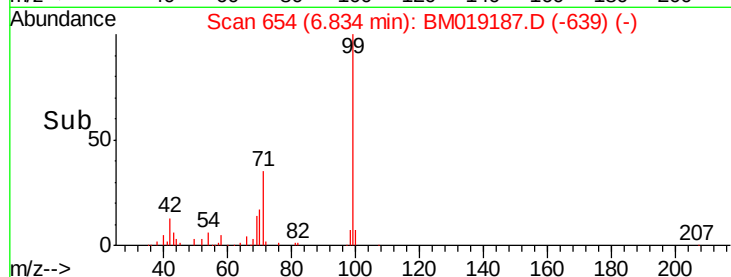
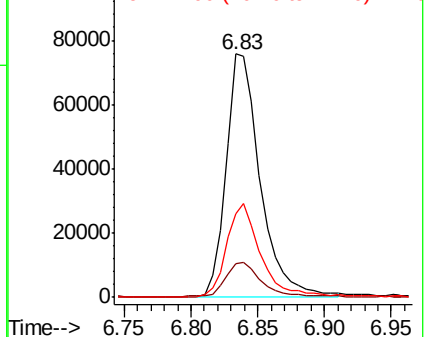


Abundance

Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#17

2-Methylphenol

Concen: 2.448 ng

RT: 8.10 min Scan# 870

Delta R.T. -0.01 min

Lab File: BM019187.D

Acq: 15 Mar 2019 15:37

Tgt Ion: 107 Resp: 30611

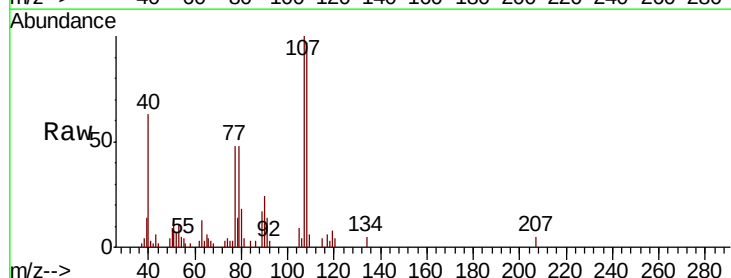
Ion Ratio Lower Upper

107 100

108 96.6 87.4 131.2

77 48.2 41.6 62.4

79 47.6 40.6 60.8



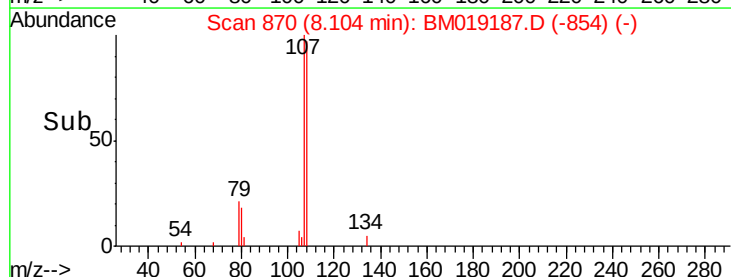
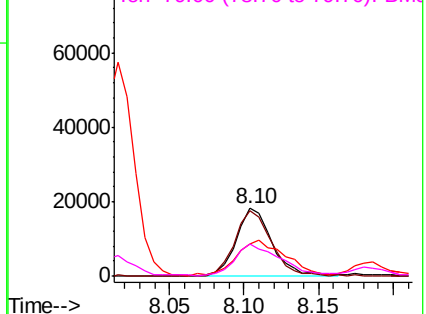
Abundance

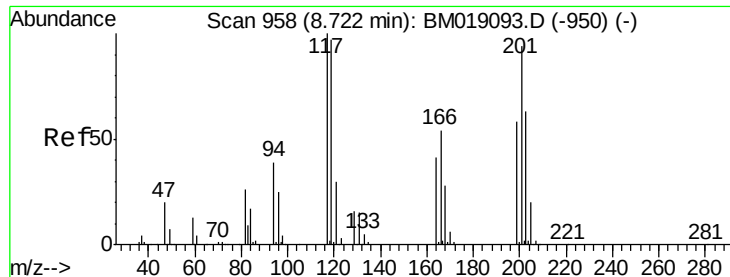
Ion 107.00 (106.70 to 107.70): BM019093.D (-847) (-)

Ion 108.00 (107.70 to 108.70): BM019093.D (-847) (-)

Ion 77.00 (76.70 to 77.70): BM019093.D (-847) (-)

Ion 79.00 (78.70 to 79.70): BM019093.D (-847) (-)

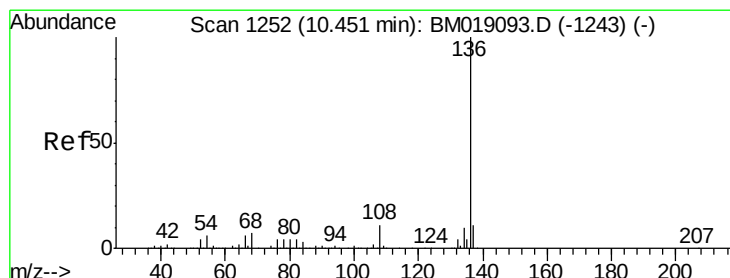
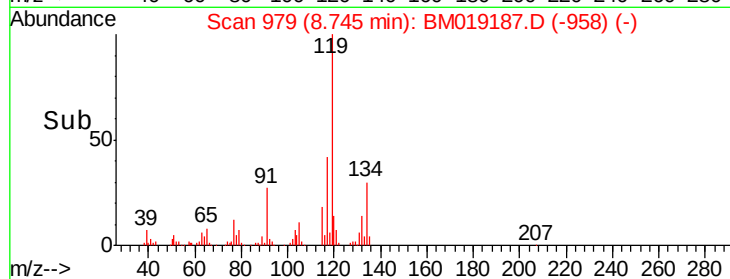
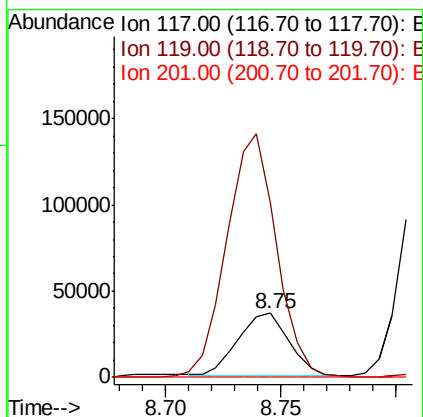
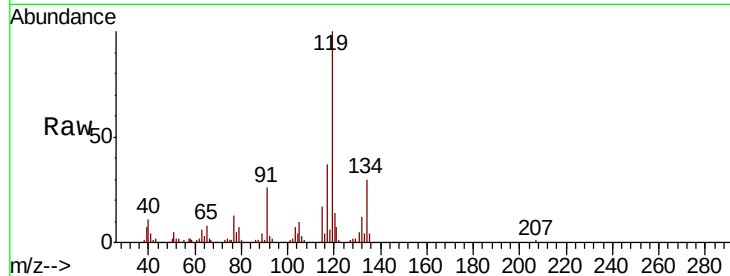




#18
Hexachloroethane
Concen: 9.763 ng
RT: 8.75 min Scan# 979
Delta R.T. 0.02 min
Lab File: BM019187.D
Acq: 15 Mar 2019 15:37

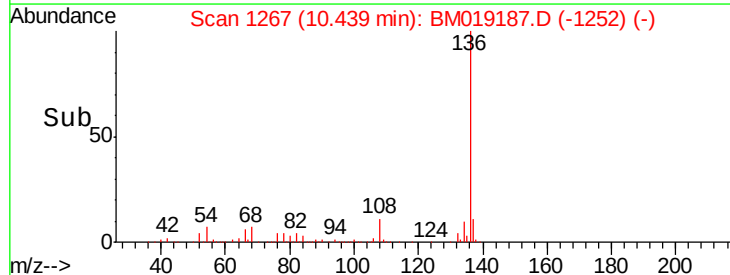
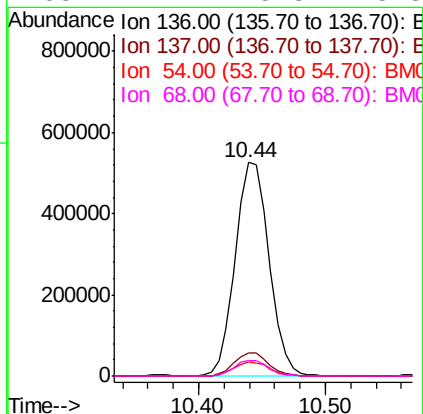
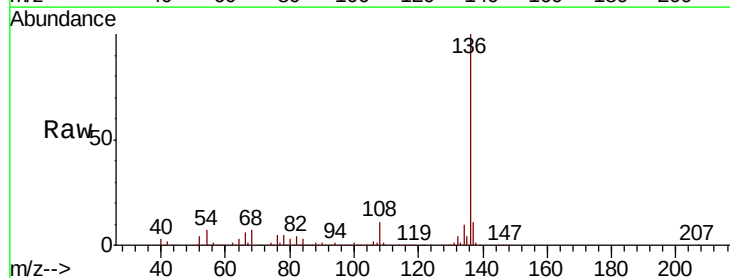
Instrument :
BNA_M
ClientSampleId :
MW-2ADL

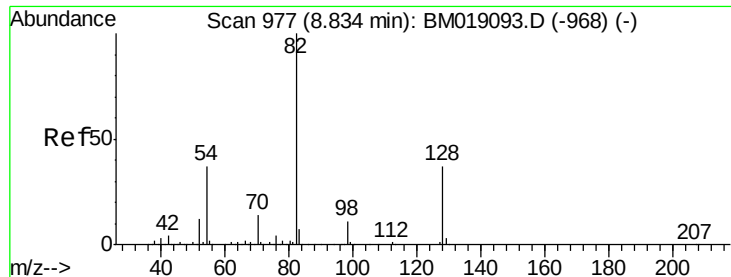
Tgt Ion:117 Resp: 57255
Ion Ratio Lower Upper
117 100
119 271.4 77.4 116.2#
201 0.0 75.2 112.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM019187.D
Acq: 15 Mar 2019 15:37

Tgt Ion:136 Resp: 976149
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.7 5.2 7.8
68 7.4 5.8 8.8

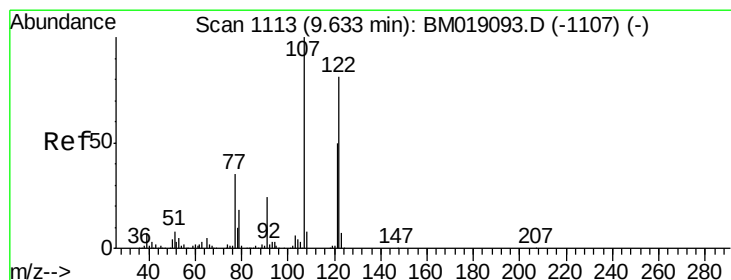
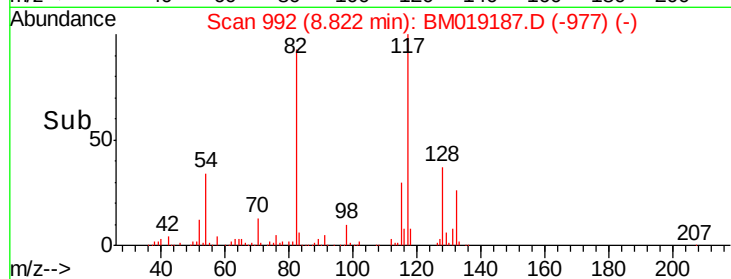
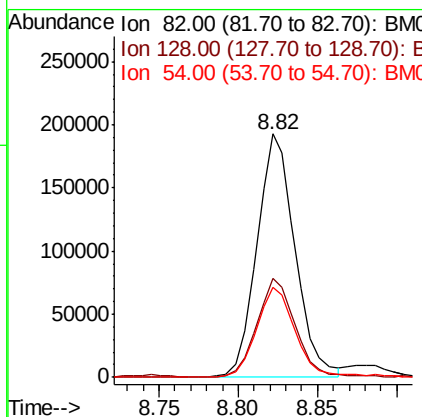
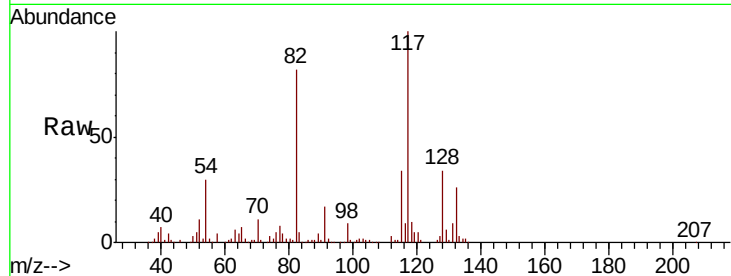




#23
 Nitrobenzene-d5
 Concen: 15.616 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM019187.D
 Acq: 15 Mar 2019 15:37

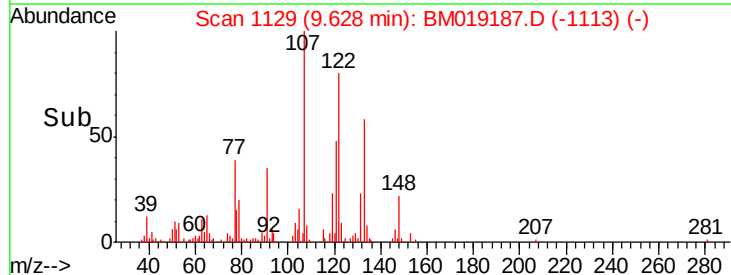
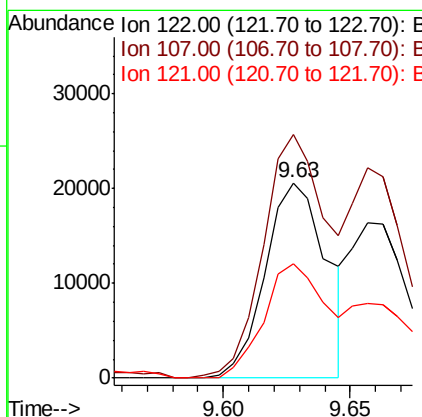
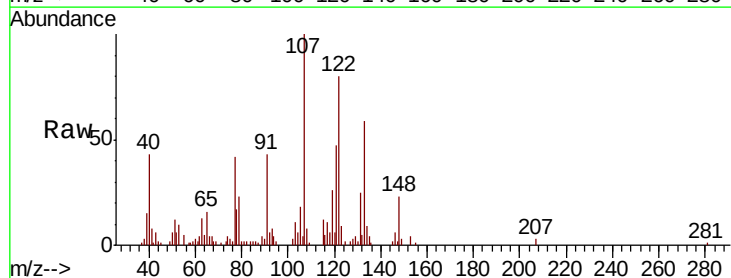
Instrument :
 BNA_M
 ClientSampleId :
 MW-2ADL

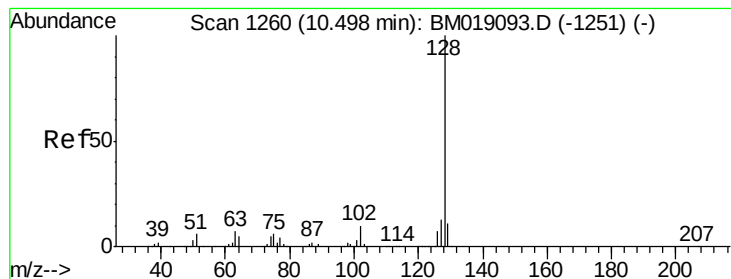
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	29.4	44.2
54	36.8	29.9	44.9



#27
 2,4-Dimethylphenol
 Concen: 2.634 ng
 RT: 9.63 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM019187.D
 Acq: 15 Mar 2019 15:37

Tgt Ion	Ratio	Lower	Upper
122	100		
107	124.5	98.2	147.4
121	58.4	48.8	73.2





#31

Naphthalene

Concen: 337.817 ng

RT: 10.50 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BM019187.D

Acq: 15 Mar 2019 15:37

Instrument :

BNA_M

ClientSampleId :

MW-2ADL

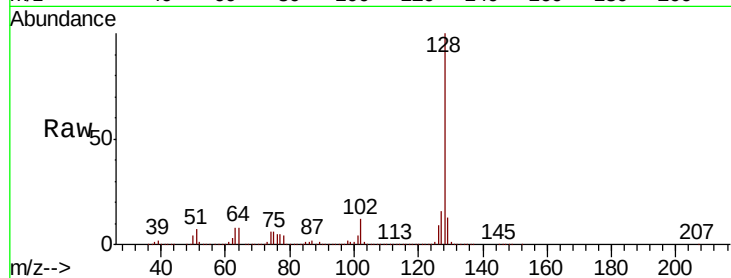
Tgt Ion:128 Resp:17380777

Ion Ratio Lower Upper

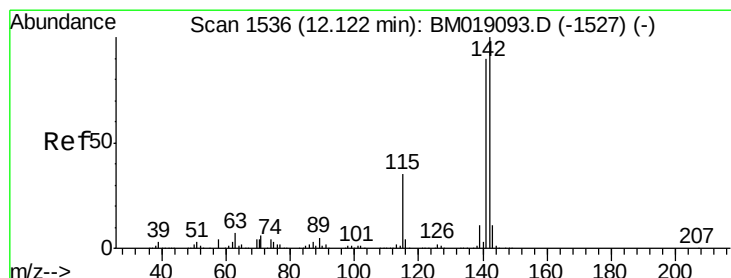
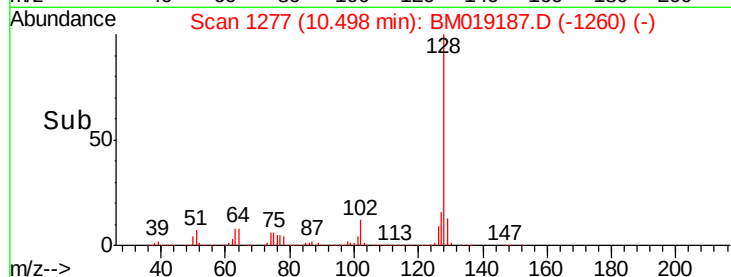
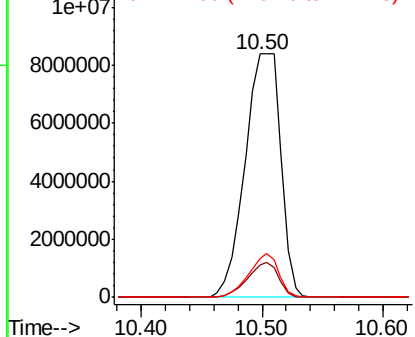
128 100

129 13.3 8.6 13.0#

127 15.8 10.4 15.6#



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: 131.493 ng

RT: 12.12 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BM019187.D

Acq: 15 Mar 2019 15:37

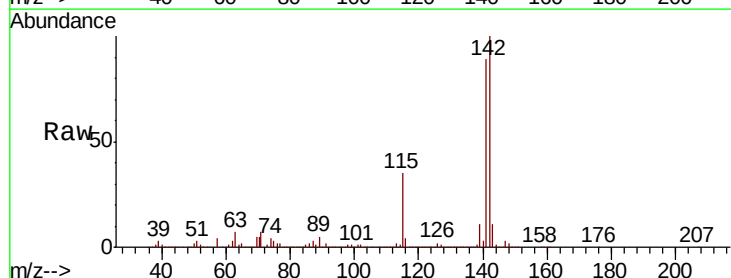
Tgt Ion:142 Resp: 4916200

Ion Ratio Lower Upper

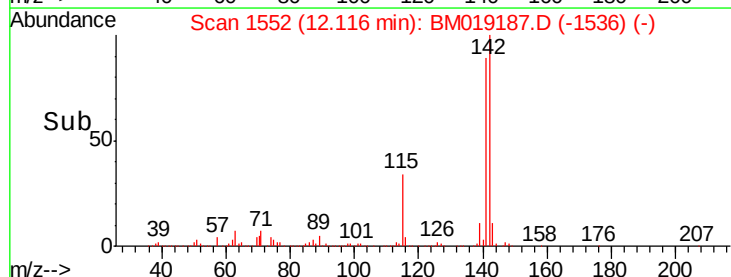
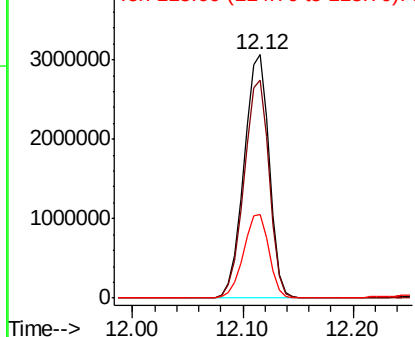
142 100

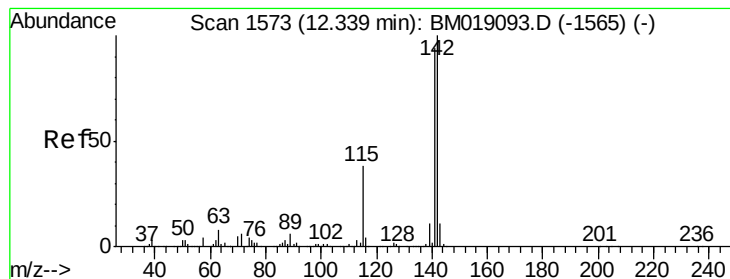
141 89.5 72.3 108.5

115 34.6 27.8 41.8



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: 136.887 ng

RT: 12.34 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BM019187.D

Acq: 15 Mar 2019 15:37

Instrument :

BNA_M

ClientSampleId :

MW-2ADL

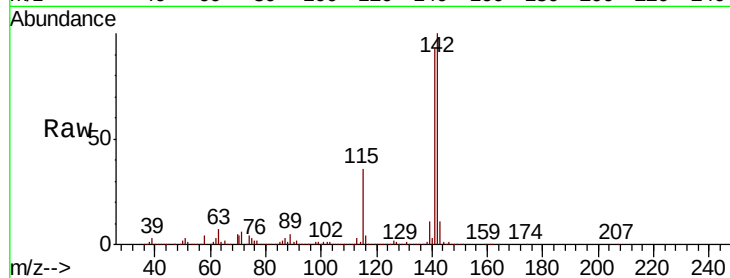
Tgt Ion:142 Resp: 5044532

Ion Ratio Lower Upper

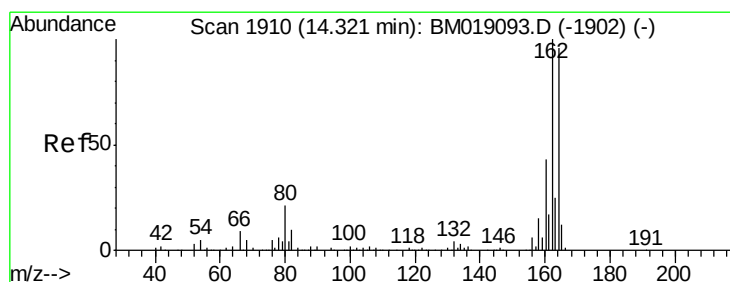
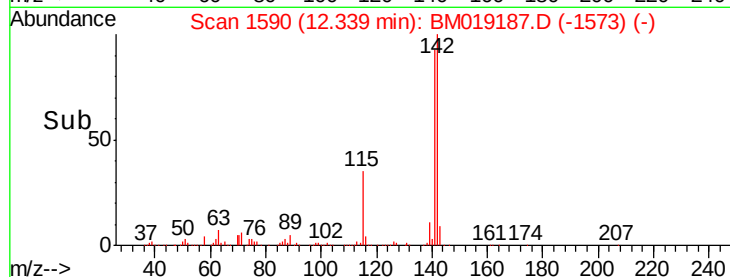
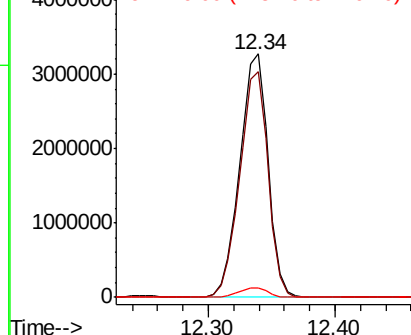
142 100

141 92.9 74.9 112.3

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: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM019187.D

Acq: 15 Mar 2019 15:37

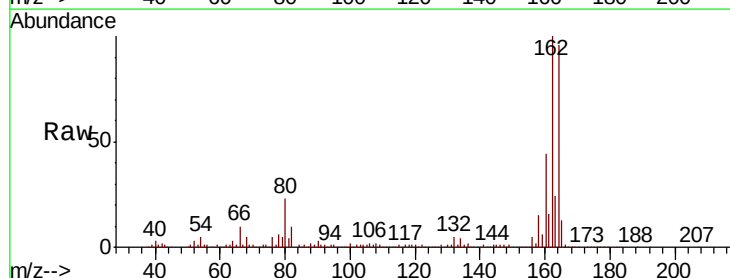
Tgt Ion:164 Resp: 619161

Ion Ratio Lower Upper

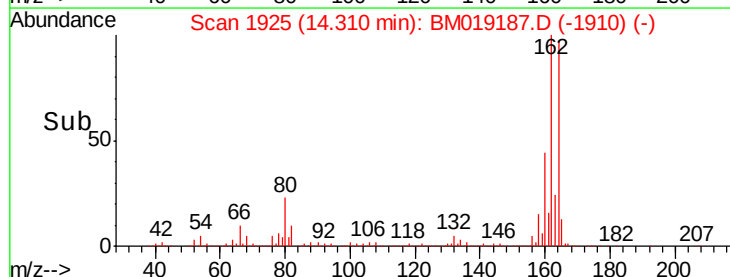
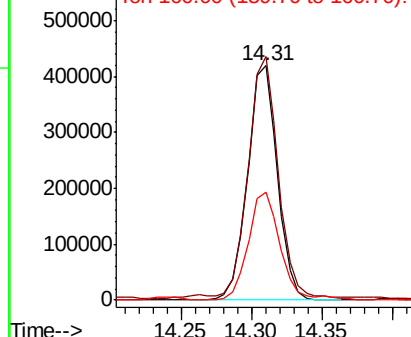
164 100

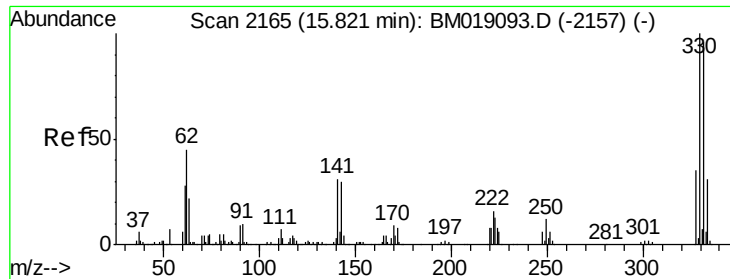
162 104.0 83.5 125.3

160 46.2 36.3 54.5



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

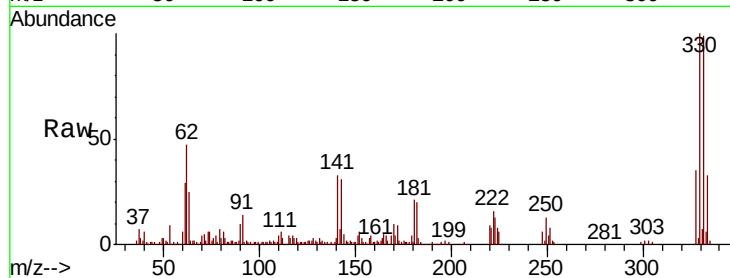




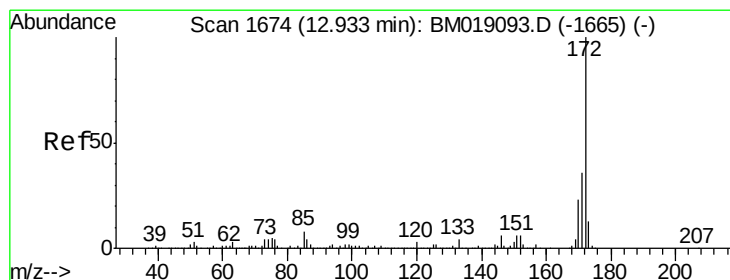
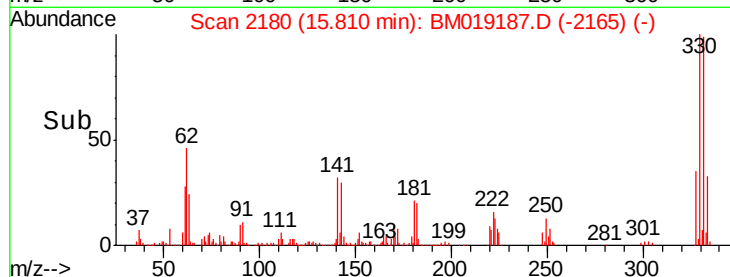
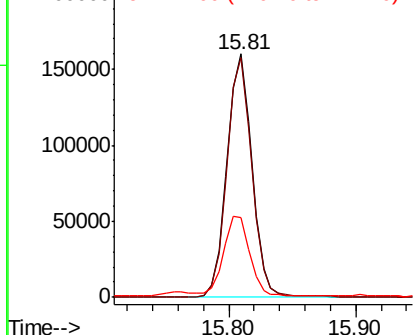
#42
 2,4,6-Tribromophenol
 Concen: 23.945 ng
 RT: 15.81 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BM019187.D
 Acq: 15 Mar 2019 15:37

Instrument :
 BNA_M
 ClientSampleId :
 MW-2ADL

Tgt Ion:330 Resp: 218900
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.8 115.2
 141 33.9 27.0 40.4

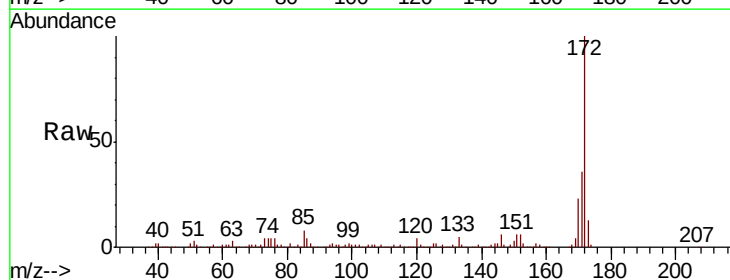


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

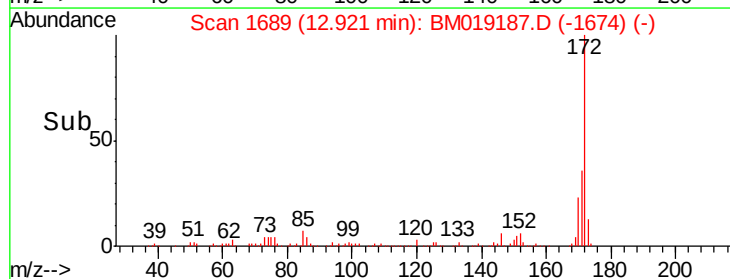
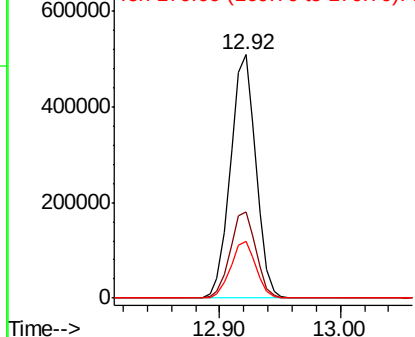


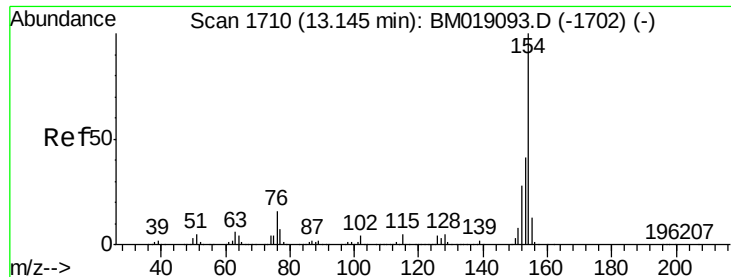
#45
 2-Fluorobiphenyl
 Concen: 15.713 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM019187.D
 Acq: 15 Mar 2019 15:37

Tgt Ion:172 Resp: 747918
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 23.4 18.6 28.0



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

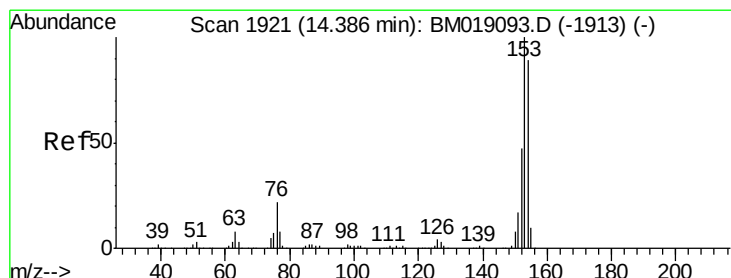
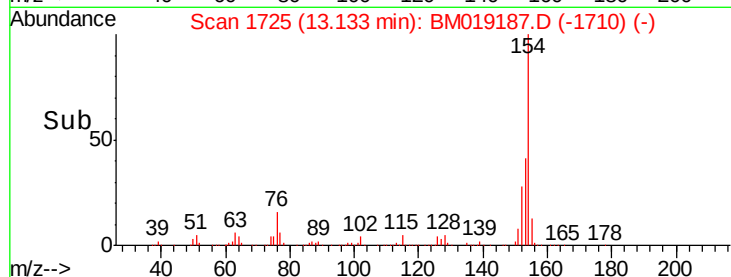
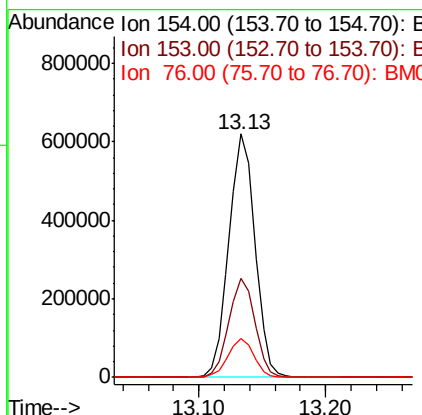
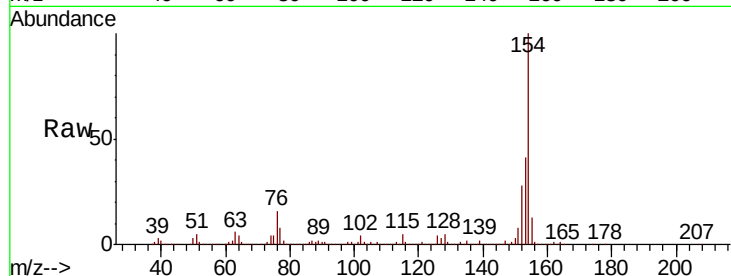




#46
1,1'-Biphenyl
Concen: 16.395 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM019187.D
Acq: 15 Mar 2019 15:37

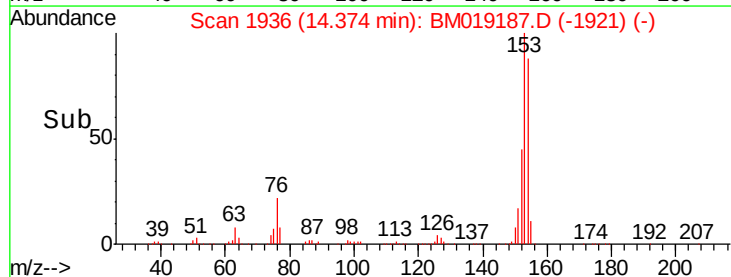
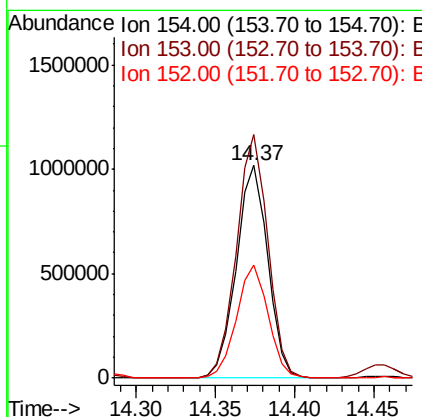
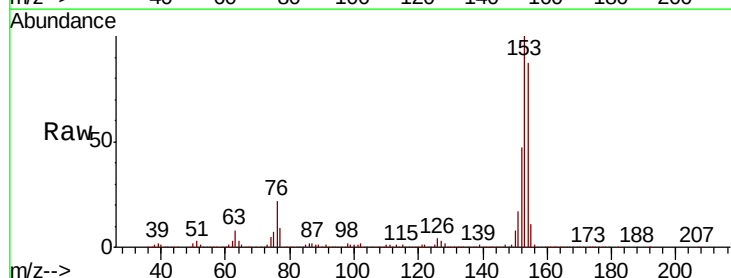
Instrument :
BNA_M
ClientSampleId :
MW-2ADL

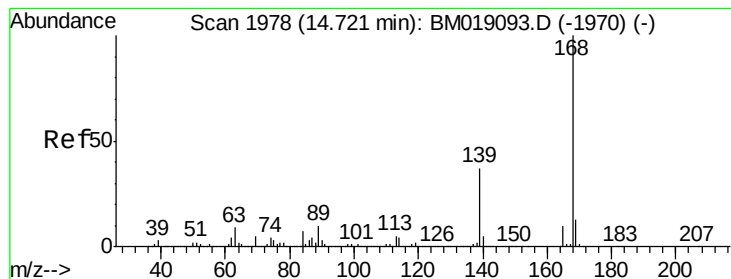
Tgt Ion:154 Resp: 886509
Ion Ratio Lower Upper
154 100
153 40.6 21.5 61.5
76 15.8 0.0 35.8



#52
Acenaphthene
Concen: 35.738 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM019187.D
Acq: 15 Mar 2019 15:37

Tgt Ion:154 Resp: 1401431
Ion Ratio Lower Upper
154 100
153 114.4 90.1 135.1
152 53.2 42.5 63.7





#55

Dibenzenofuran

Concen: 20.416 ng

RT: 14.71 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM019187.D

Acq: 15 Mar 2019 15:37

Instrument :

BNA_M

ClientSampleId :

MW-2ADL

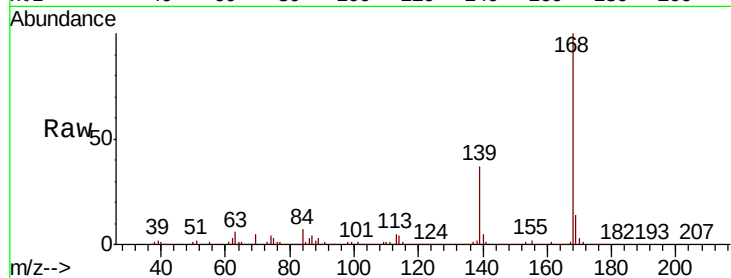
Tgt Ion:168 Resp: 1291106

Ion Ratio Lower Upper

168 100

139 37.1 30.1 45.1

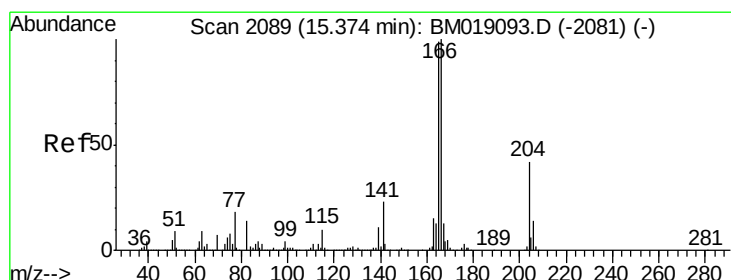
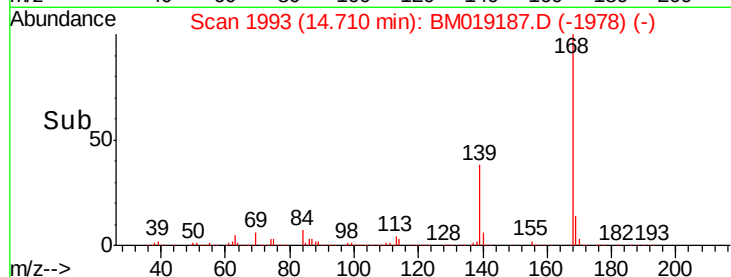
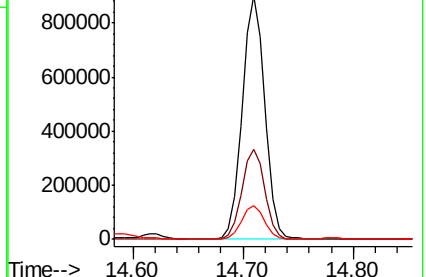
169 13.8 10.6 16.0



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: 15.210 ng

RT: 15.36 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BM019187.D

Acq: 15 Mar 2019 15:37

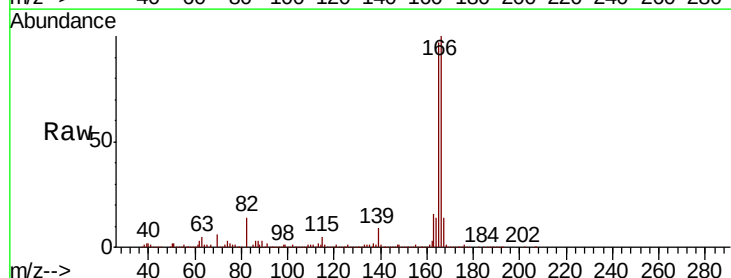
Tgt Ion:166 Resp: 792875

Ion Ratio Lower Upper

166 100

165 96.8 79.0 118.4

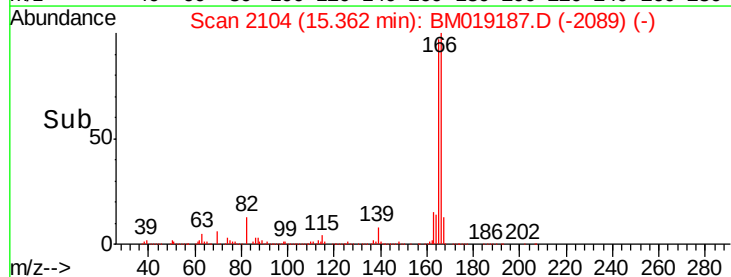
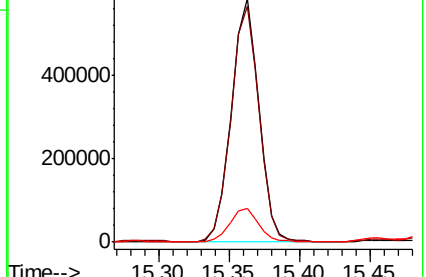
167 13.8 10.8 16.2

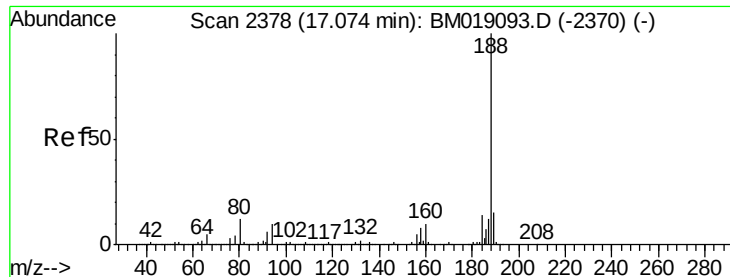


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM019187.D

Acq: 15 Mar 2019 15:37

Instrument :

BNA_M

ClientSampleId :

MW-2ADL

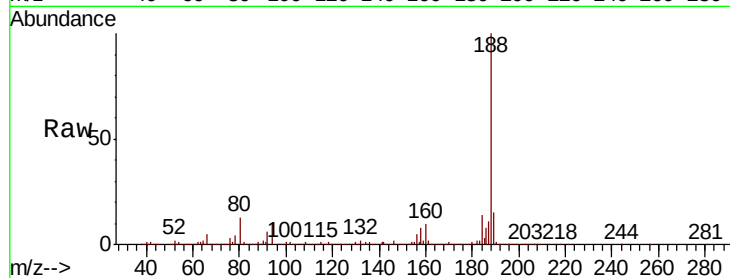
Tgt Ion:188 Resp: 1370426

Ion Ratio Lower Upper

188 100

94 10.3 8.1 12.1

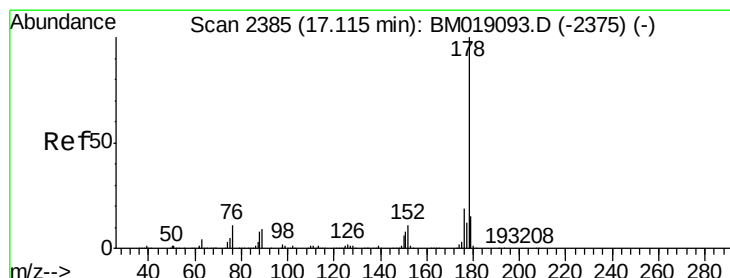
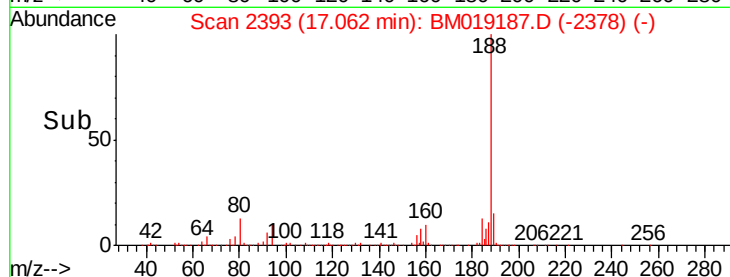
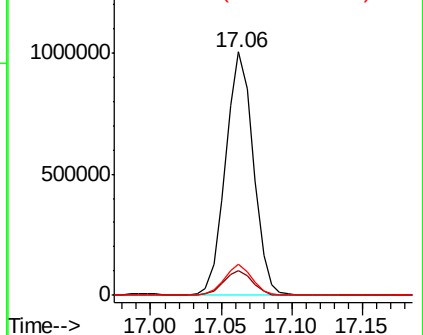
80 12.6 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#71

Phenanthrene

Concen: 8.044 ng

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM019187.D

Acq: 15 Mar 2019 15:37

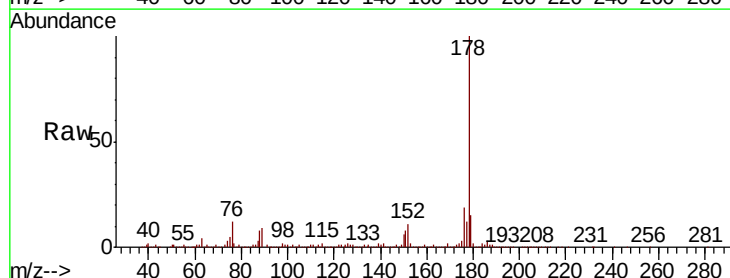
Tgt Ion:178 Resp: 646108

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

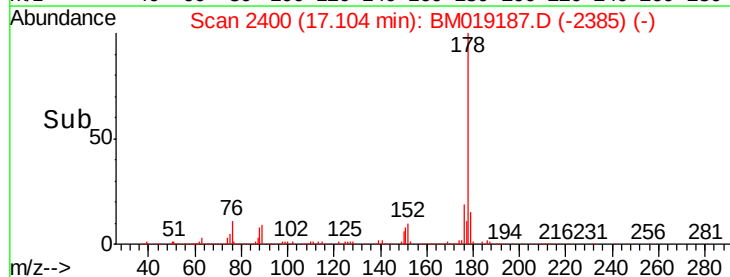
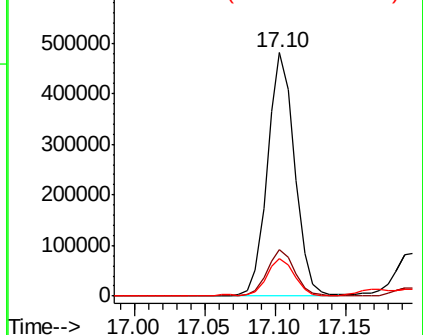
179 15.4 12.2 18.2

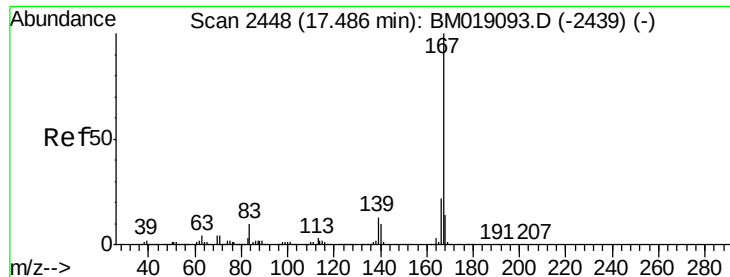


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

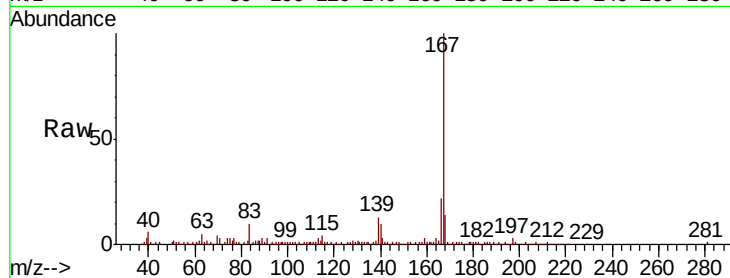




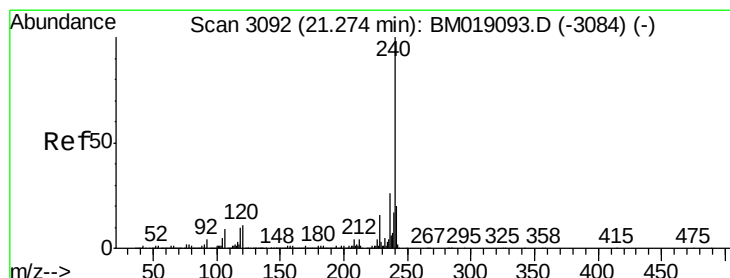
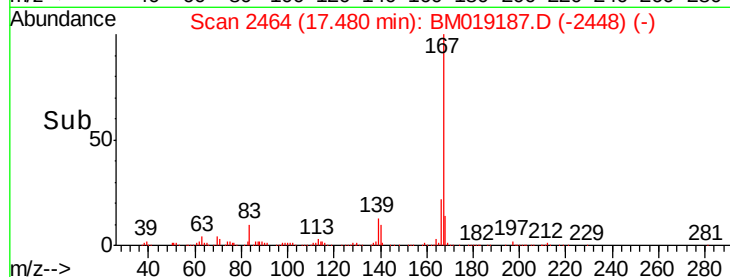
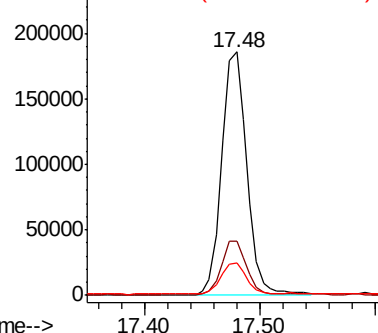
#73
 Carbazole
 Concen: 3.839 ng
 RT: 17.48 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BM019187.D
 Acq: 15 Mar 2019 15:37

Instrument :
 BNA_M
 ClientSampleId :
 MW-2ADL

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.8
139	13.4	10.5	15.7

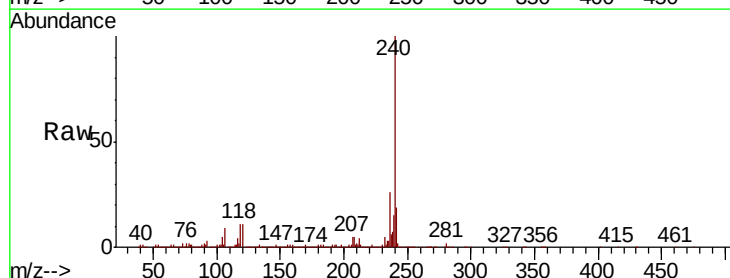


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

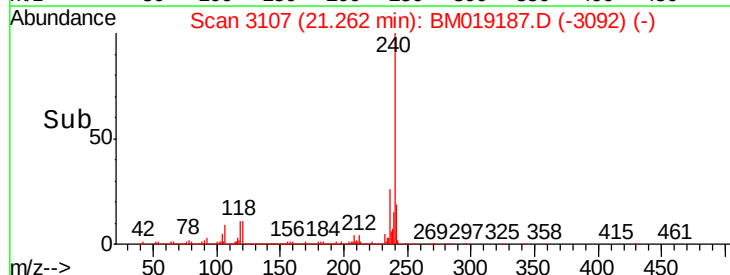
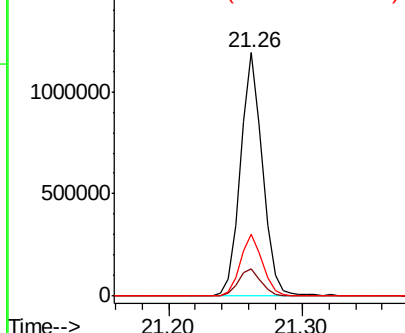


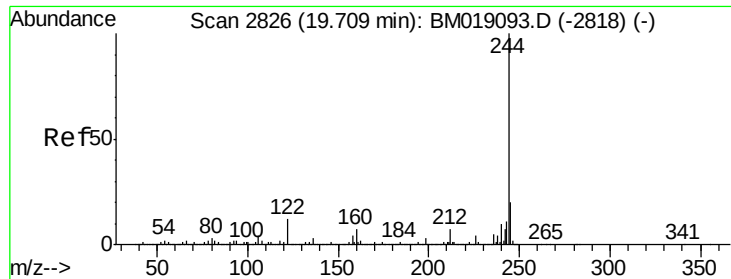
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.26 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BM019187.D
 Acq: 15 Mar 2019 15:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	25.6	21.0	31.4



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

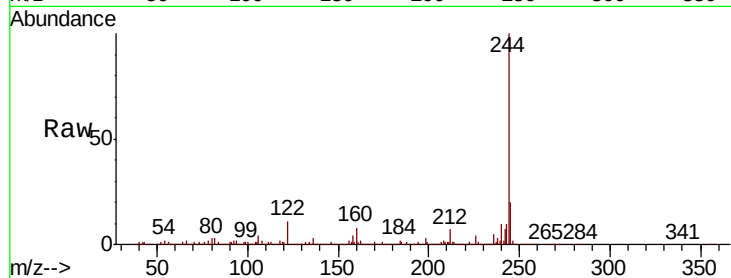




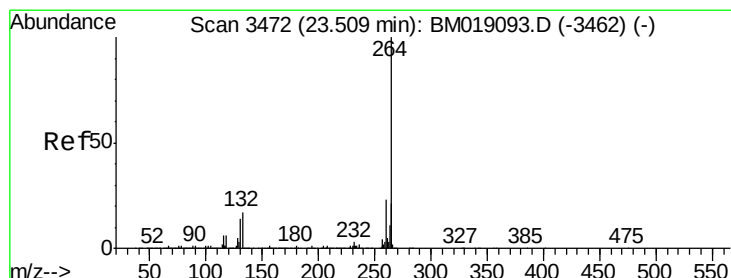
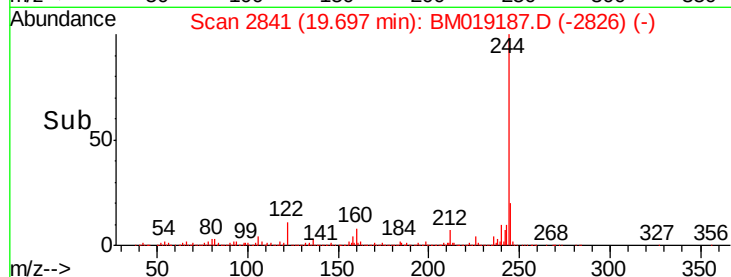
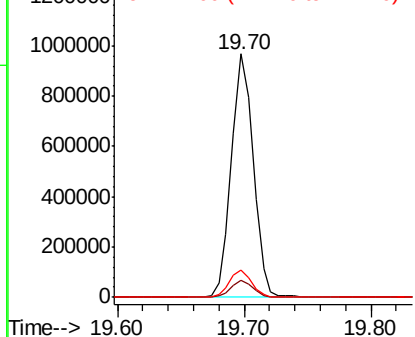
#79
 Terphenyl-d14
 Concen: 16.927 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM019187.D
 Acq: 15 Mar 2019 15:37

Instrument :
 BNA_M
 ClientSampleId :
 MW-2ADL

Tgt Ion:244 Resp: 1161400
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.3 9.4 14.2

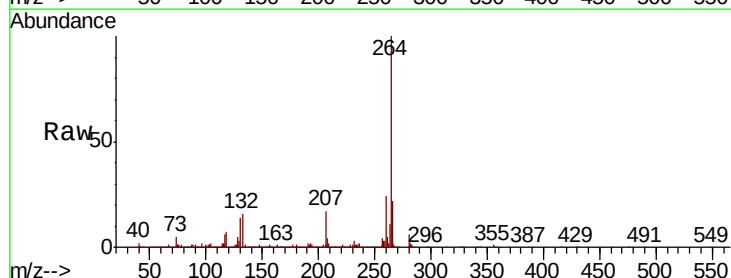


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.50 min Scan# 3487
 Delta R.T. -0.01 min
 Lab File: BM019187.D
 Acq: 15 Mar 2019 15:37

Tgt Ion:264 Resp: 1205056
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 22.2 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

