

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022819\
 Data File : BM018970.D
 Acq On : 28 Feb 2019 15:38
 Operator : JU/SJ
 Sample : K1646-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MMC-SC

Quant Time: Mar 01 01:13:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

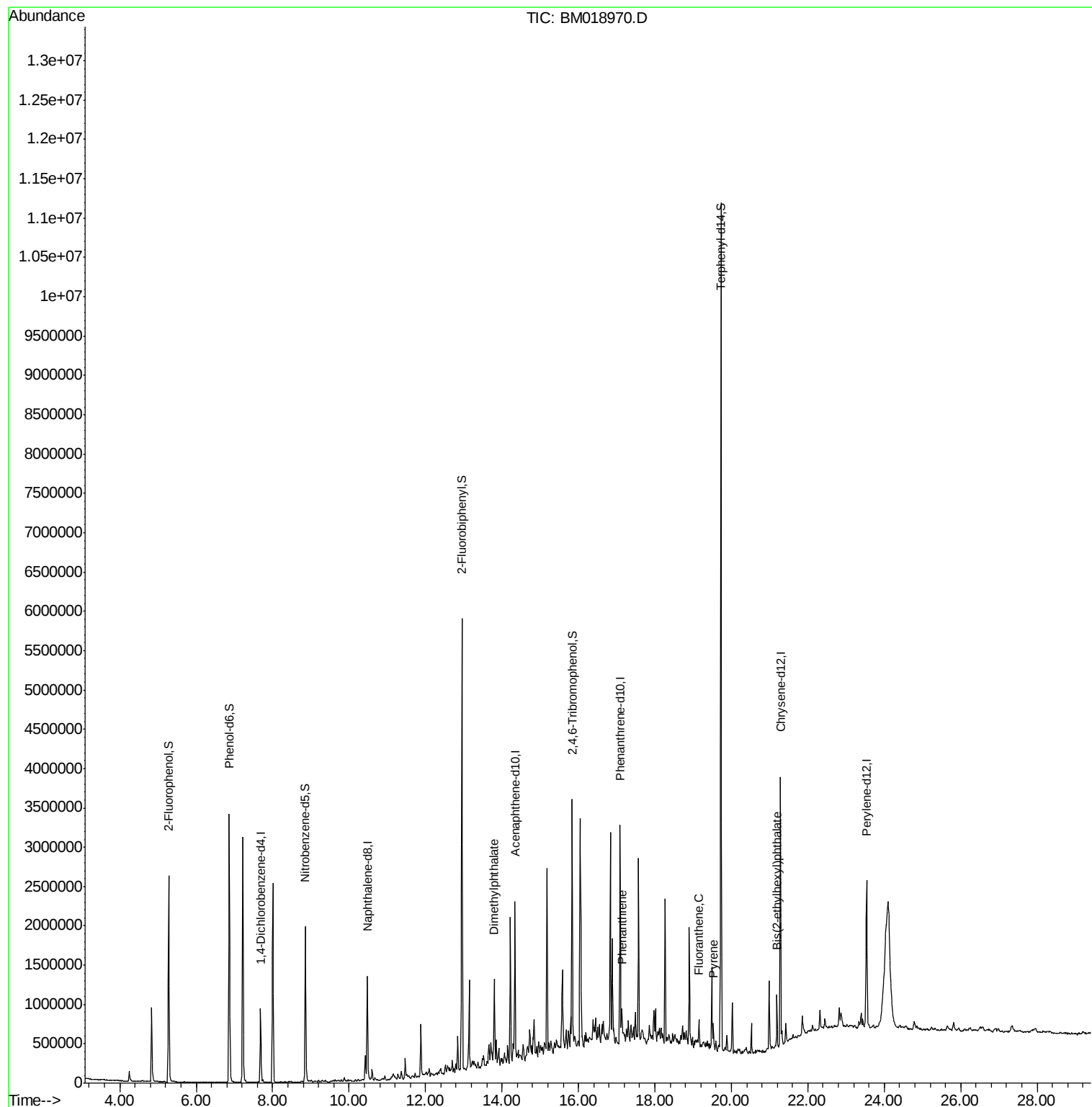
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	240732	20.00	ng	-0.03
21) Naphthalene-d8	10.47	136	1064738	20.00	ng	-0.03
39) Acenaphthene-d10	14.34	164	617648	20.00	ng	-0.02
64) Phenanthrene-d10	17.09	188	1387971	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1442188	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1302643	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1092784	74.38	ng	-0.02
7) Phenol-d6	6.86	99	1953754	94.39	ng	-0.02
23) Nitrobenzene-d5	8.86	82	1325689	57.57	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	565062	63.47	ng	-0.02
45) 2-Fluorobiphenyl	12.95	172	2735079	58.78	ng	-0.03
79) Terphenyl-d14	19.73	244	4532753	64.84	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.86	77	6651	Below Cal		Qvalue # 21
50) Dimethylphthalate	13.80	163	192822	3.746	ng	98
71) Phenanthrene	17.13	178	155386	2.083	ng	# 96
75) Fluoranthene	19.16	202	174841	2.029	ng	98
78) Pyrene	19.52	202	183218	2.187	ng	98
84) Bis(2-ethylhexyl)phthalate	21.19	149	217855	3.899	ng	98

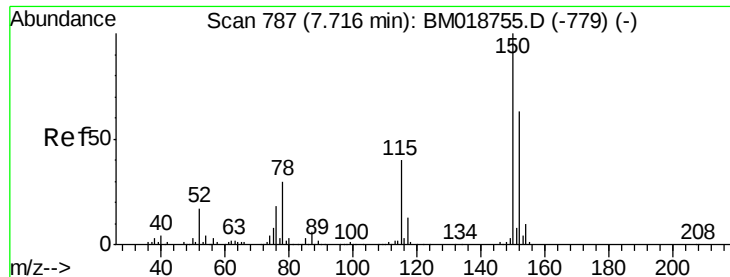
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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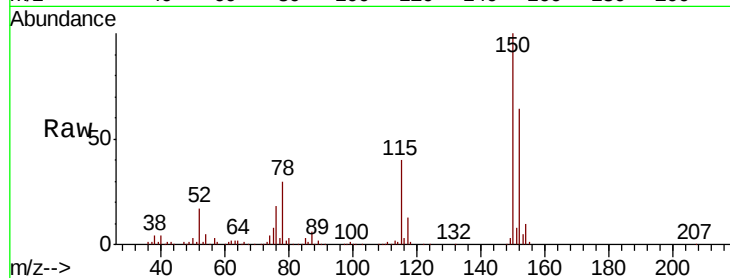


#1

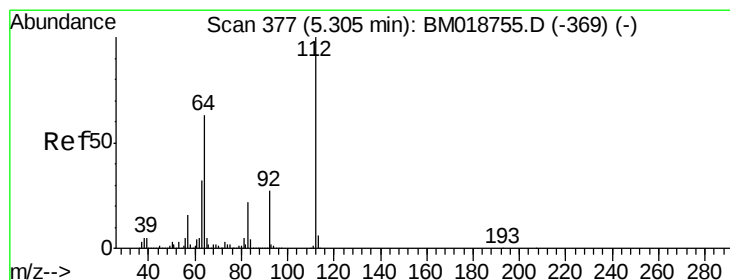
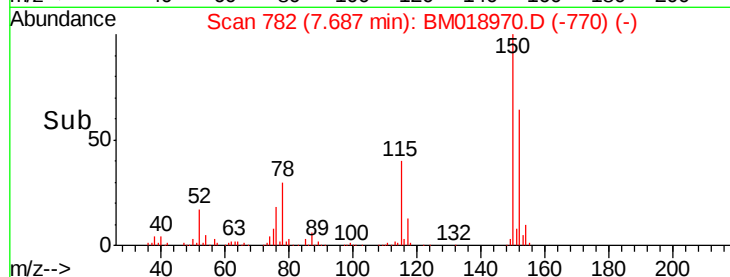
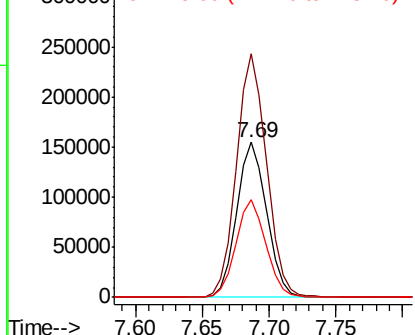
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 782
Delta R.T. -0.03 min
Lab File: BM018970.D
Acq: 28 Feb 2019 15:38

Instrument :
BNA_M
ClientSampleId :
MMC-SC

Tgt Ion:152 Resp: 240732
Ion Ratio Lower Upper
152 100
150 157.4 127.3 190.9
115 63.0 50.8 76.2



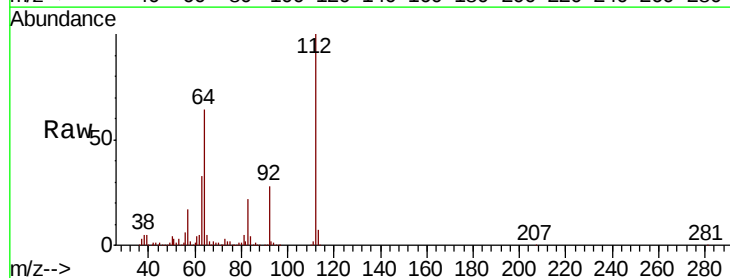
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



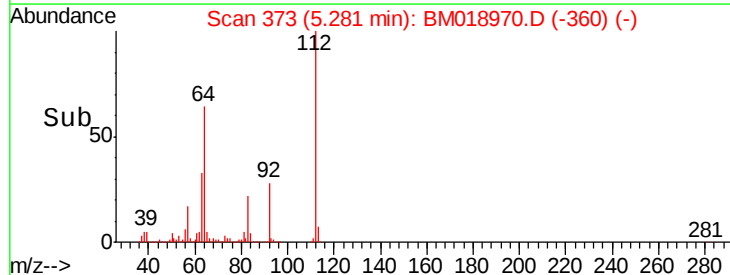
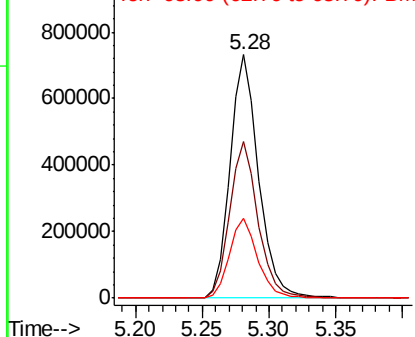
#5

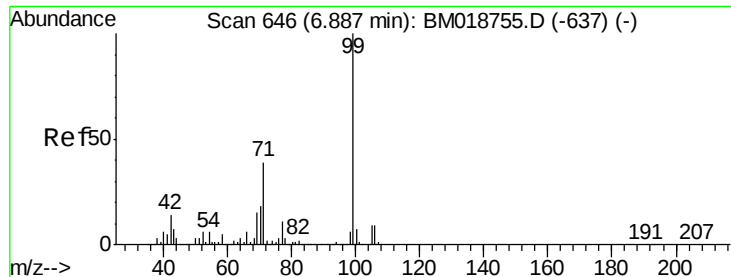
2-Fluorophenol
Concen: 74.377 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM018970.D
Acq: 28 Feb 2019 15:38

Tgt Ion:112 Resp: 1092784
Ion Ratio Lower Upper
112 100
64 64.1 50.6 75.8
63 32.6 25.7 38.5



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: 94.393 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018970.D

Acq: 28 Feb 2019 15:38

Instrument :

BNA_M

ClientSampleId :

MMC-SC

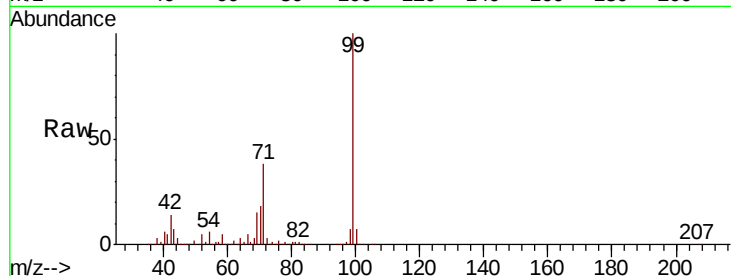
Tgt Ion: 99 Resp: 1953754

Ion Ratio Lower Upper

99 100

42 13.9 11.0 16.6

71 38.4 31.3 46.9

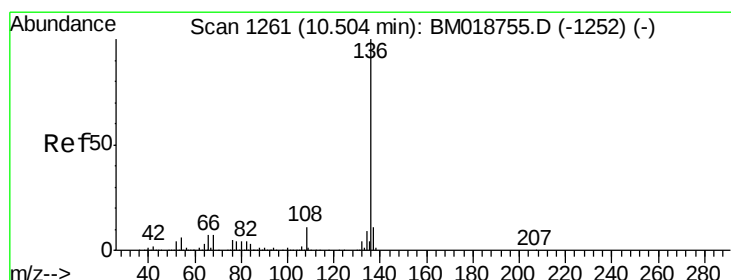
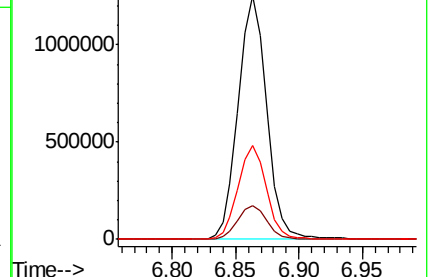
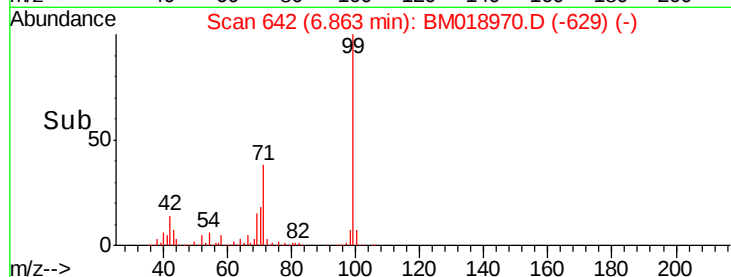


Abundance Ion 99.00 (98.70 to 99.70): BM018970.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018970.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018970.D (-629) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1256

Delta R.T. -0.03 min

Lab File: BM018970.D

Acq: 28 Feb 2019 15:38

Tgt Ion: 136 Resp: 1064738

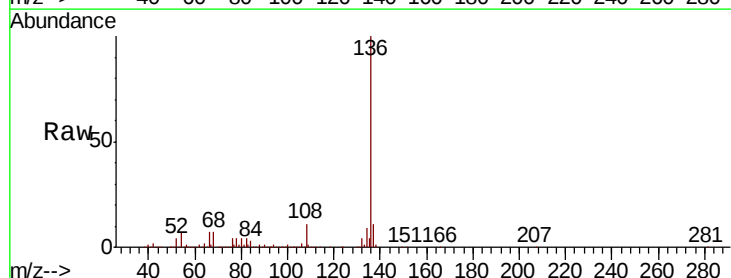
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.7 5.0 7.6

68 7.3 5.5 8.3



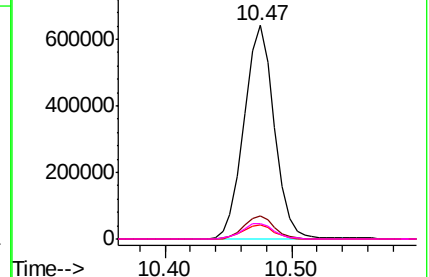
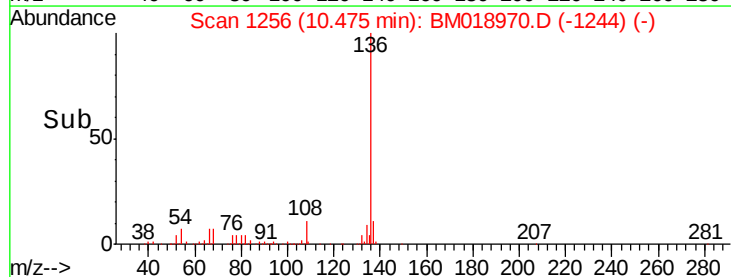
Abundance Ion 136.00 (135.70 to 136.70): BM018970.D (-1244) (-)

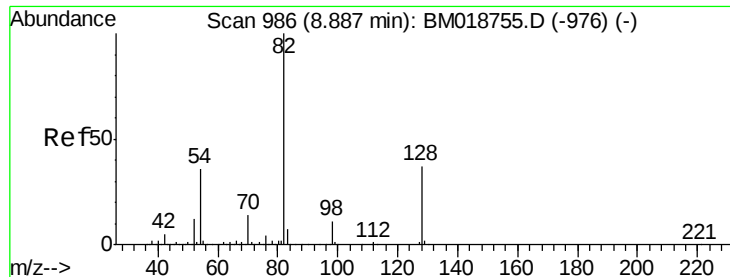
Ion 137.00 (136.70 to 137.70): BM018970.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018970.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018970.D (-1244) (-)

Time-->

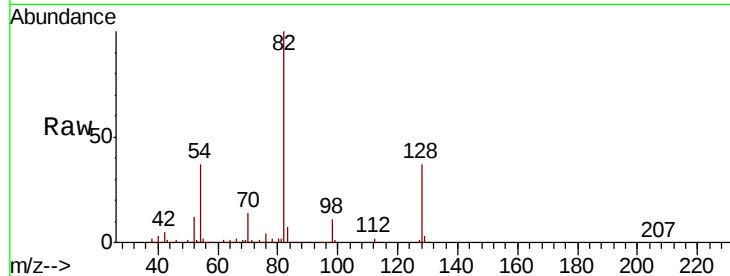




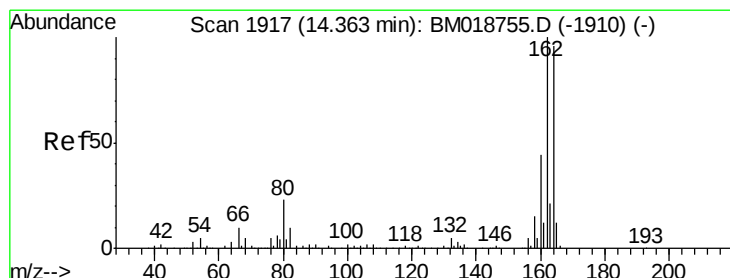
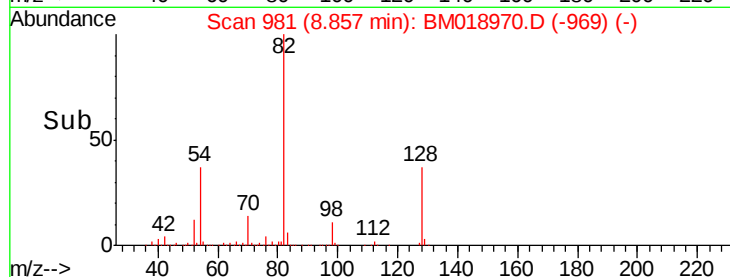
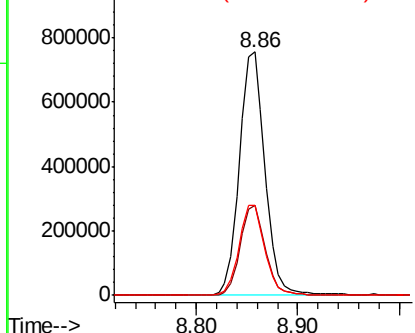
#23
Nitrobenzene-d5
Concen: 57.571 ng
RT: 8.86 min Scan# 981
Delta R.T. -0.03 min
Lab File: BM018970.D
Acq: 28 Feb 2019 15:38

Instrument :
BNA_M
ClientSampleId :
MMC-SC

Tgt Ion: 82 Resp: 1325689
Ion Ratio Lower Upper
82 100
128 37.0 29.9 44.9
54 36.9 29.1 43.7

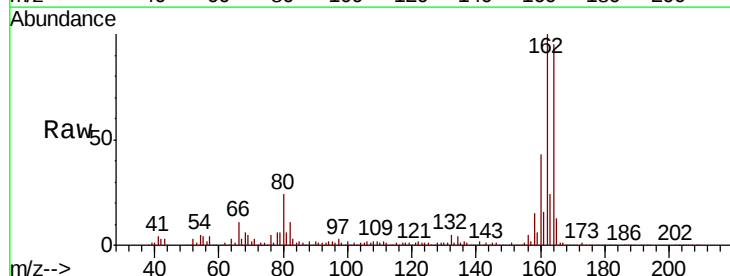


Abundance Ion 82.00 (81.70 to 82.70): BM018970.D (-969) (-)
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM018970.D (-969) (-)

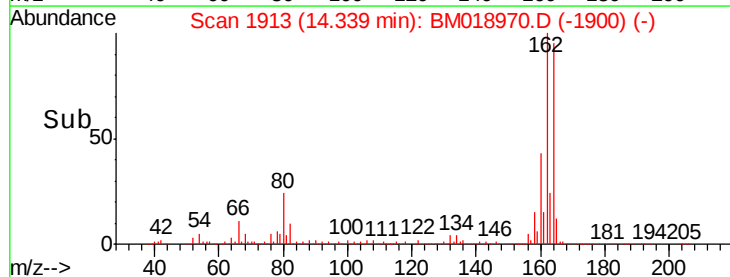
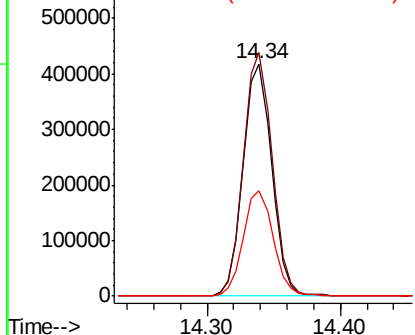


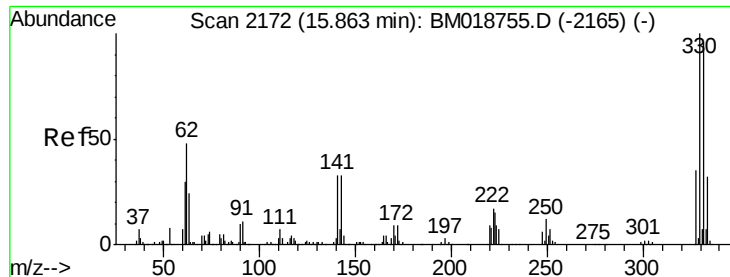
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1913
Delta R.T. -0.02 min
Lab File: BM018970.D
Acq: 28 Feb 2019 15:38

Tgt Ion: 164 Resp: 617648
Ion Ratio Lower Upper
164 100
162 104.7 83.4 125.0
160 45.2 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

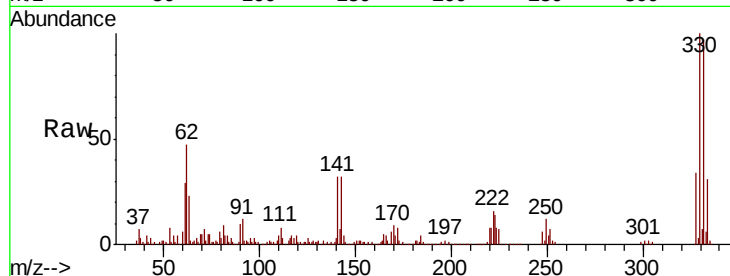




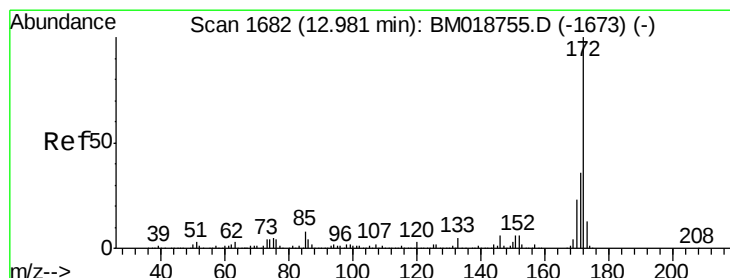
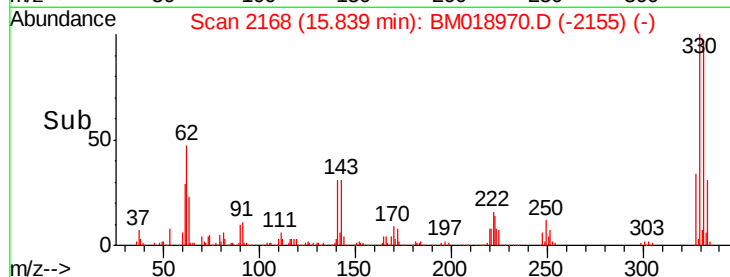
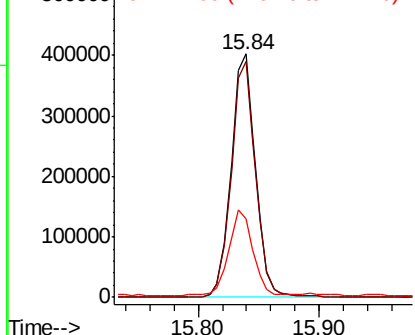
#42
 2,4,6-Tribromophenol
 Concen: 63.467 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BM018970.D
 Acq: 28 Feb 2019 15:38

Instrument :
 BNA_M
 ClientSampleId :
 MMC-SC

Tgt Ion:330 Resp: 565062
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.9 115.3
 141 35.3 28.7 43.1

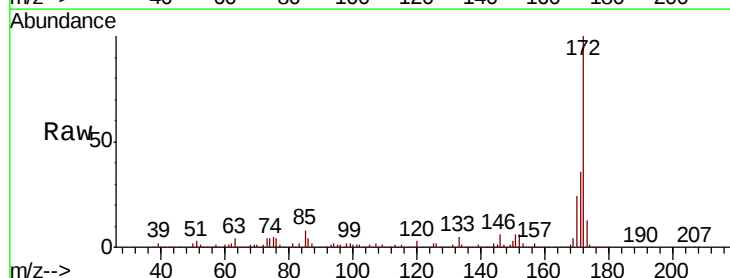


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

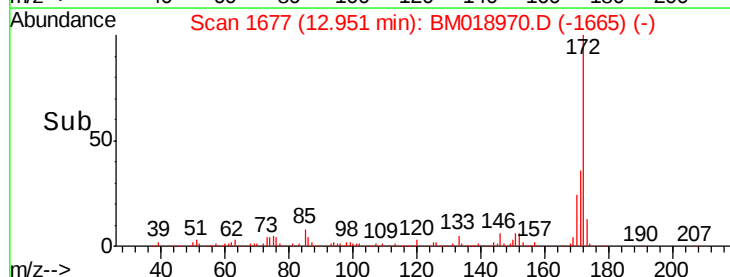
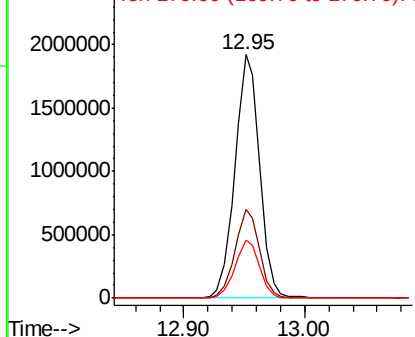


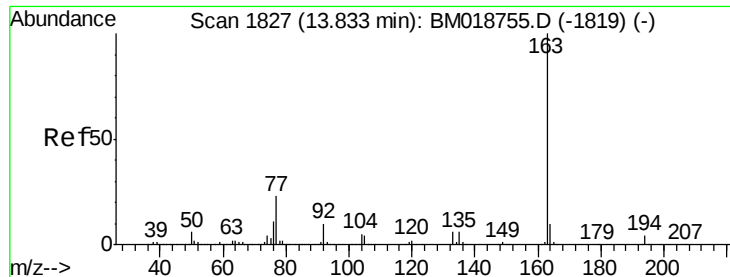
#45
 2-Fluorobiphenyl
 Concen: 58.783 ng
 RT: 12.95 min Scan# 1677
 Delta R.T. -0.03 min
 Lab File: BM018970.D
 Acq: 28 Feb 2019 15:38

Tgt Ion:172 Resp: 2735079
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.0 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





#50

Dimethylphthalate

Concen: 3.746 ng

RT: 13.80 min Scan# 1821

Delta R.T. -0.04 min

Lab File: BM018970.D

Acq: 28 Feb 2019 15:38

Instrument :

BNA_M

ClientSampleId :

MMC-SC

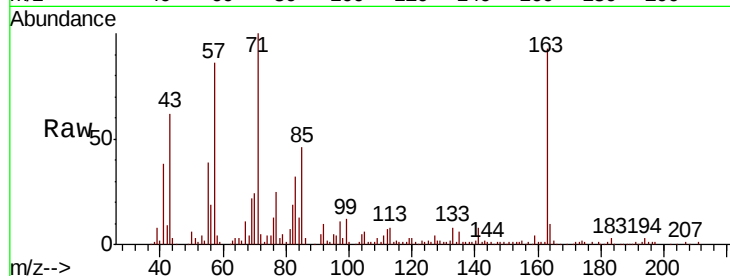
Tgt Ion:163 Resp: 192822

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

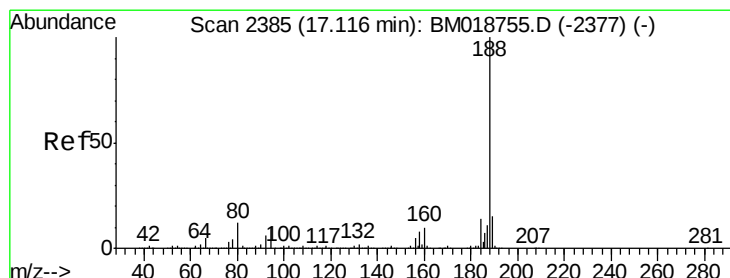
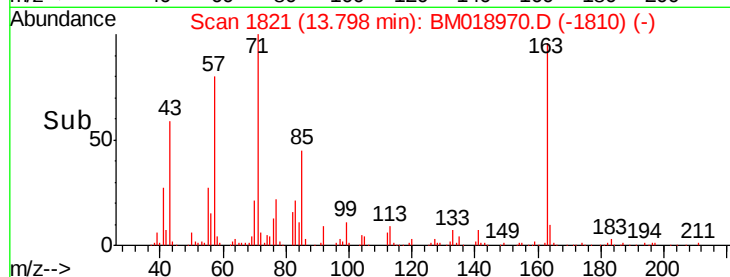
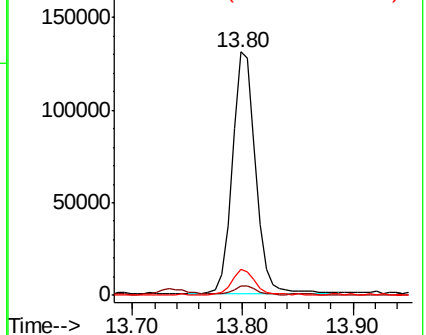
164 10.7 7.8 11.8



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2381

Delta R.T. -0.02 min

Lab File: BM018970.D

Acq: 28 Feb 2019 15:38

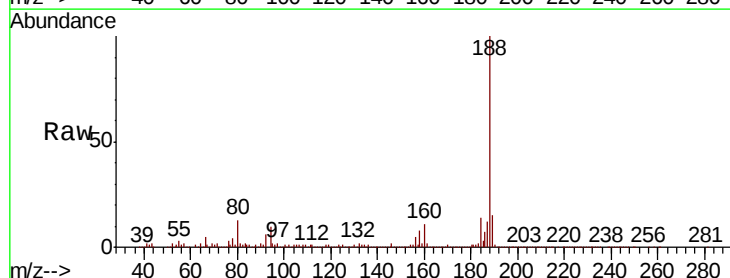
Tgt Ion:188 Resp: 1387971

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

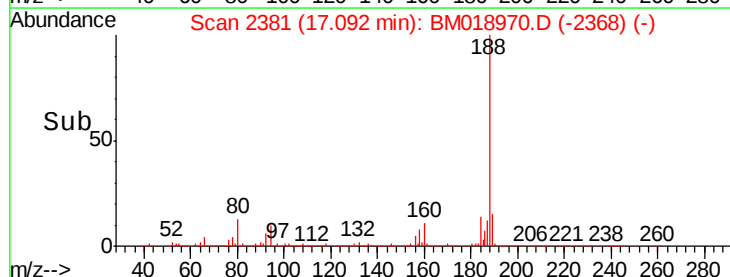
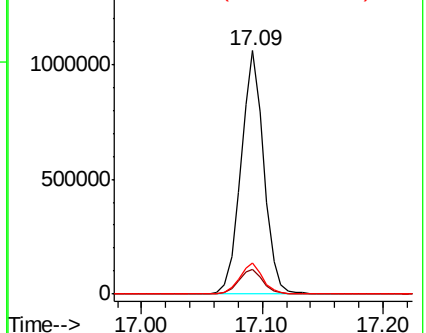
80 12.7 9.7 14.5

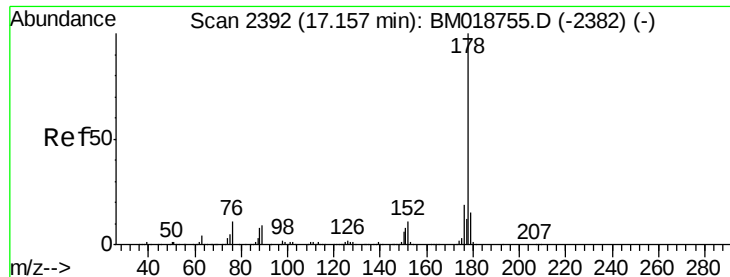


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#71

Phenanthrene

Concen: 2.083 ng

RT: 17.13 min Scan# 2388

Delta R.T. -0.02 min

Lab File: BM018970.D

Acq: 28 Feb 2019 15:38

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MMC-SC

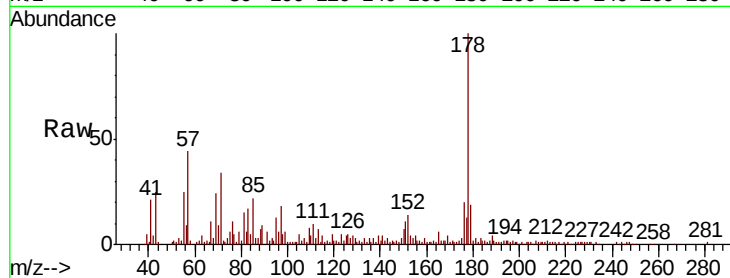
Tgt Ion:178 Resp: 155386

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.0

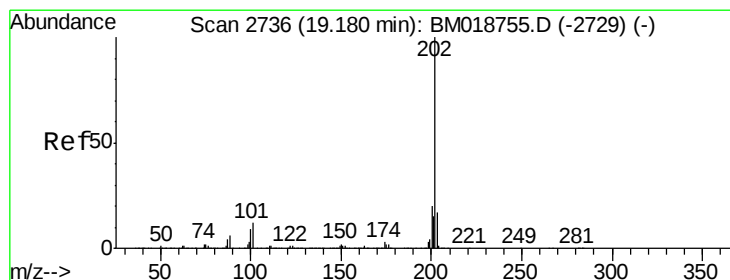
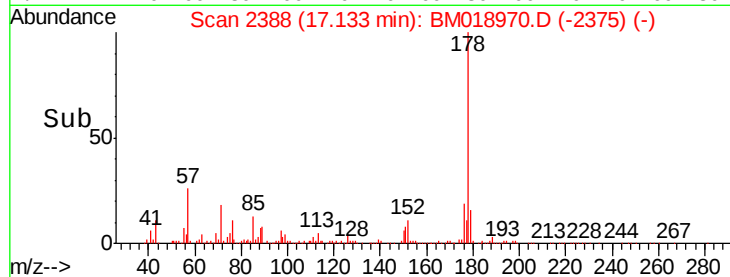
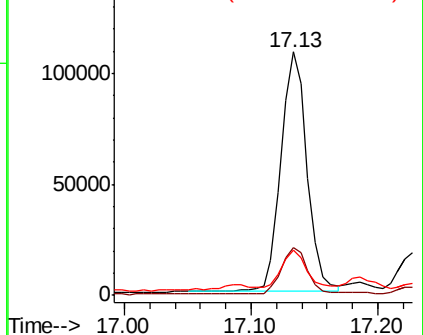
179 18.5 12.3 18.5#



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



#75

Fluoranthene

Concen: 2.029 ng

RT: 19.16 min Scan# 2732

Delta R.T. -0.02 min

Lab File: BM018970.D

Acq: 28 Feb 2019 15:38

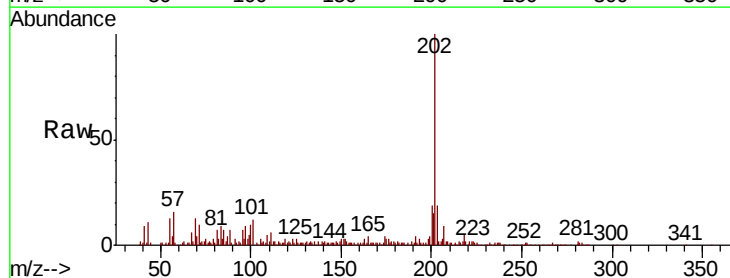
Tgt Ion:202 Resp: 174841

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.5

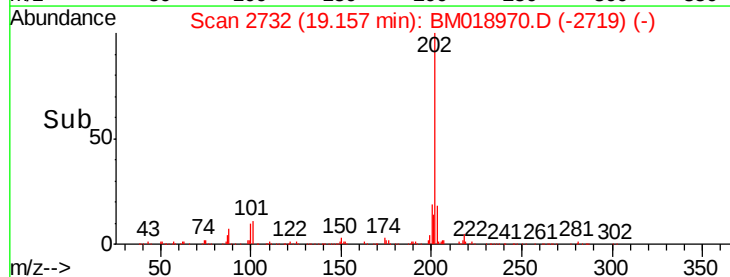
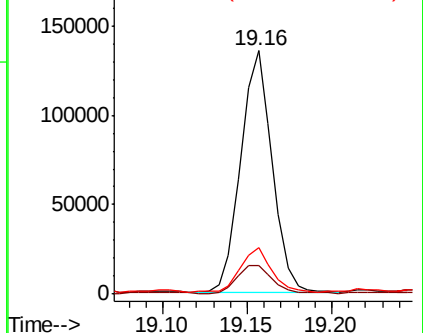
203 18.9 0.0 37.3

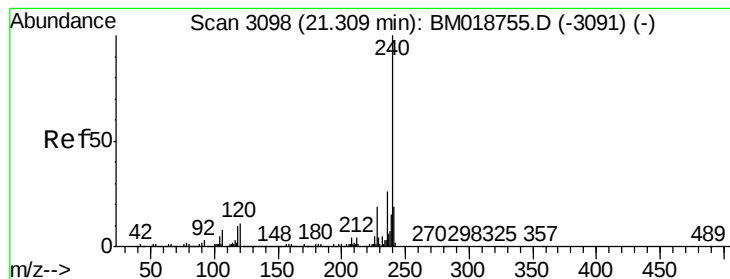


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BM018970.D

Acq: 28 Feb 2019 15:38

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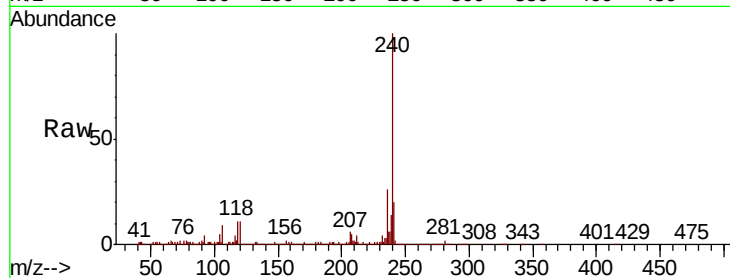
Tgt Ion:240 Resp: 1442188

Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

236 25.6 20.9 31.3

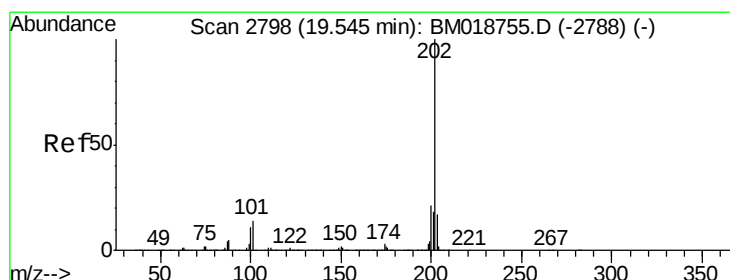
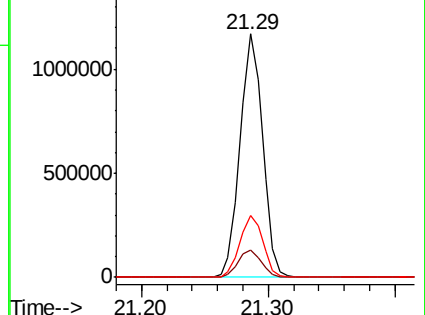
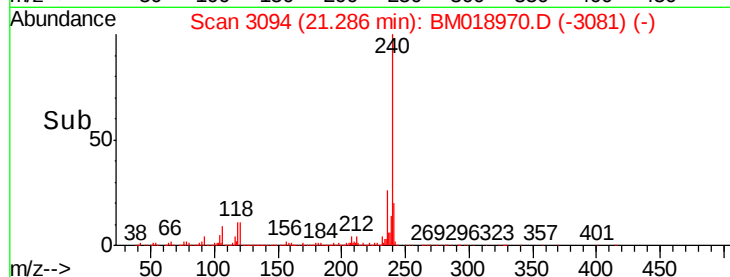


Abundance

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: 2.187 ng

RT: 19.52 min Scan# 2794

Delta R.T. -0.02 min

Lab File: BM018970.D

Acq: 28 Feb 2019 15:38

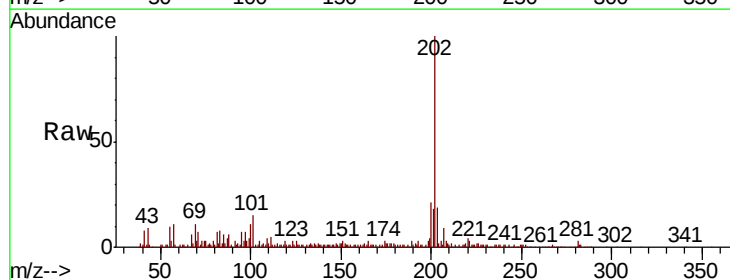
Tgt Ion:202 Resp: 183218

Ion Ratio Lower Upper

202 100

200 20.5 16.9 25.3

203 18.8 13.8 20.8

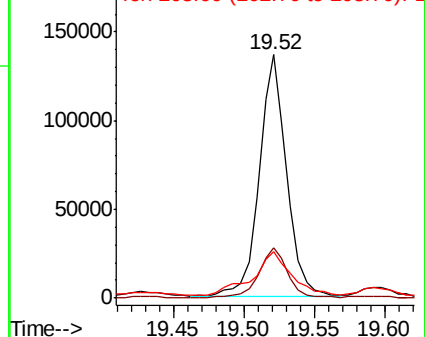
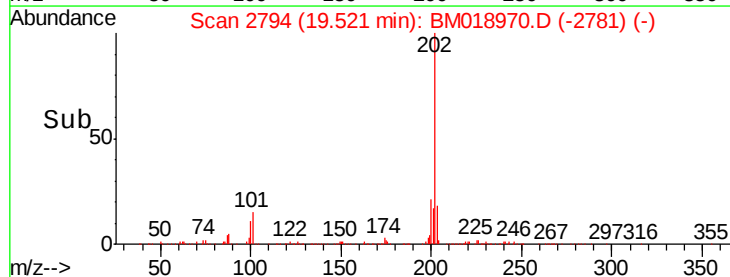


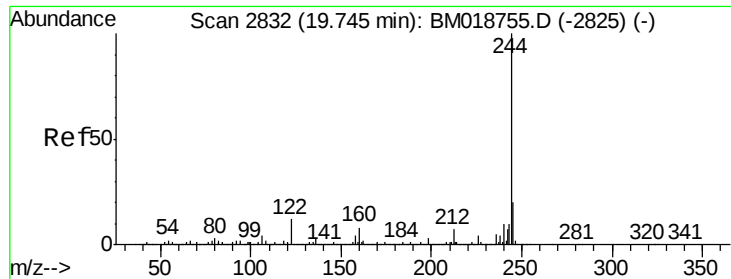
Abundance

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: 64.836 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BM018970.D

Acq: 28 Feb 2019 15:38

Instrument :

BNA_M

ClientSampleId :

MMC-SC

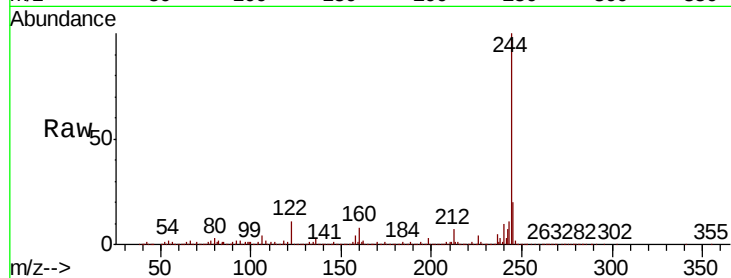
Tgt Ion:244 Resp: 4532753

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

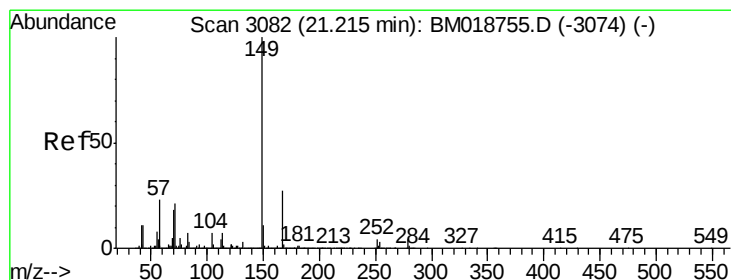
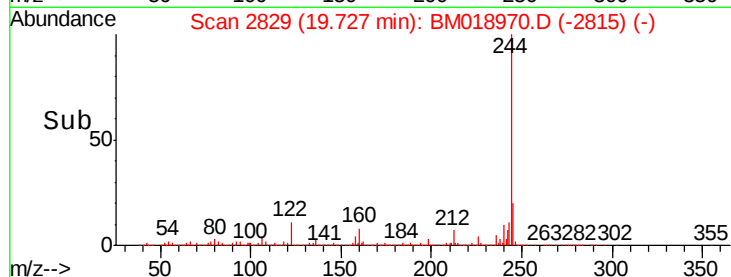
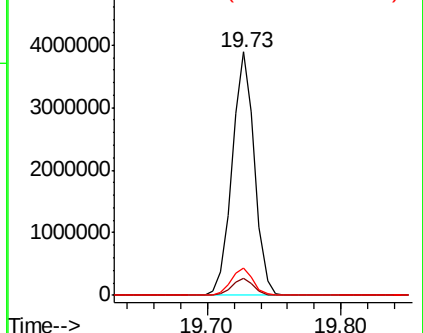
122 11.2 9.3 13.9



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.899 ng

RT: 21.19 min Scan# 3078

Delta R.T. -0.02 min

Lab File: BM018970.D

Acq: 28 Feb 2019 15:38

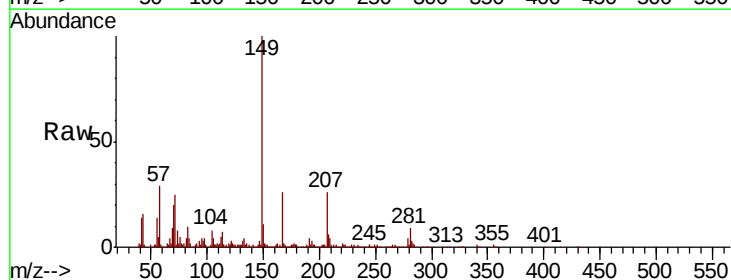
Tgt Ion:149 Resp: 217855

Ion Ratio Lower Upper

149 100

167 26.1 21.8 32.6

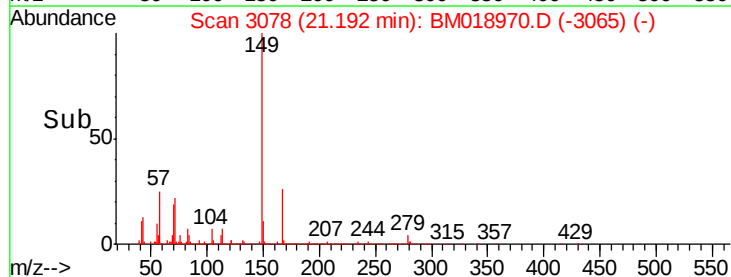
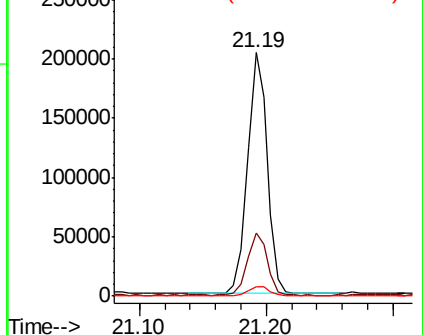
279 4.0 3.6 5.4

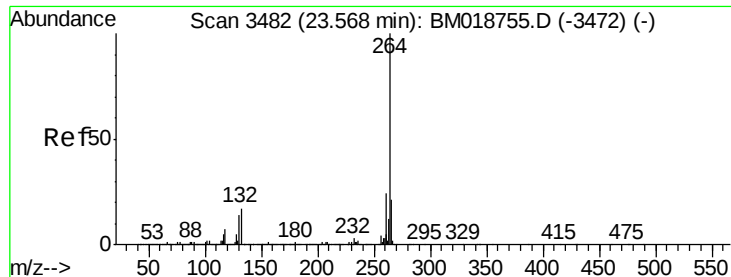


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.54 min Scan# 3477
Delta R.T. -0.03 min
Lab File: BM018970.D
Acq: 28 Feb 2019 15:38

Instrument :
BNA_M
ClientSampleId :
MMC-SC

Tgt Ion: 264 Resp: 1302643

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.0	17.3	25.9

