

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062119\
 Data File : BM021079.D
 Acq On : 21 Jun 2019 12:33
 Operator : HP/JU
 Sample : K3309-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW010-190611

Quant Time: Jun 21 23:28:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM062019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 20 15:39:58 2019
 Response via : Initial Calibration

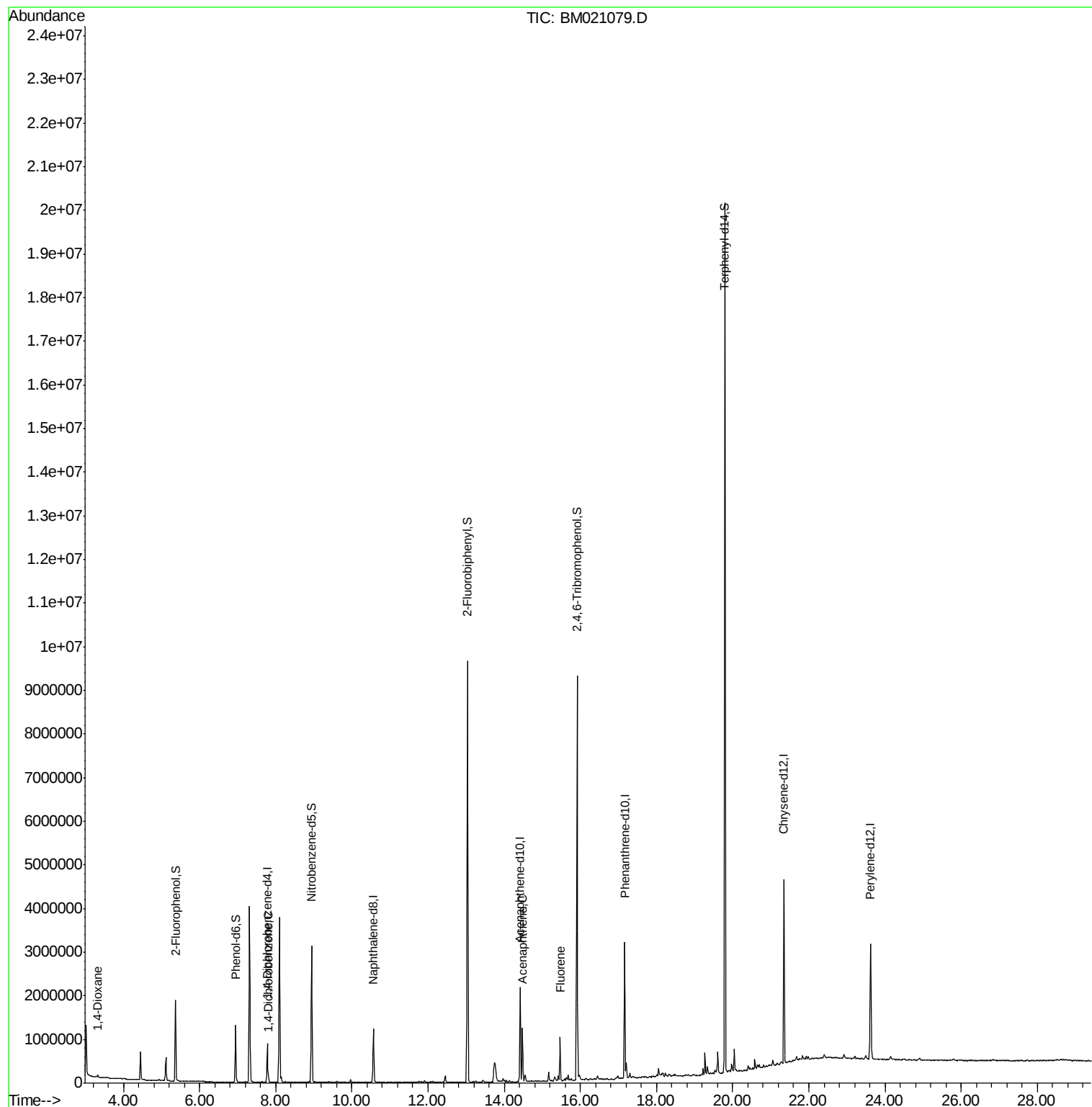
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	245970	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	1046906	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	724185	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	1863551	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1975441	20.00	ng	0.00
87) Perylene-d12	23.63	264	1986425	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	796726	58.65	ng	0.00
7) Phenol-d6	6.95	99	707691	35.77	ng	0.00
23) Nitrobenzene-d5	8.94	82	1798020	89.51	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	1935647	142.44	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	5309743	90.11	ng	0.00
79) Terphenyl-d14	19.79	244	9909220	93.69	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.32	88	25711	5.024	ng	Qvalue # 92
9) Benzaldehyde	6.93	77	3108	Below Cal		# 61
13) 1,4-Dichlorobenzene	7.81	146	47370	2.300	ng	95
52) Acenaphthene	14.48	154	422170	9.134	ng	100
58) Fluorene	15.47	166	425232	6.902	ng	100

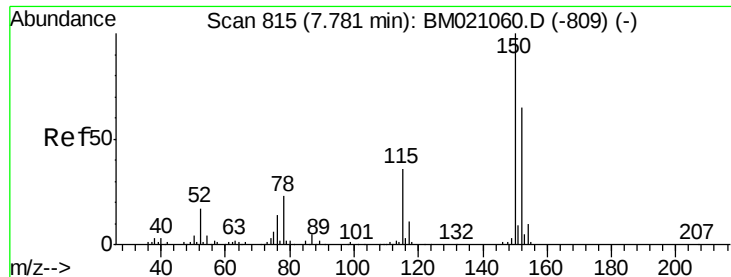
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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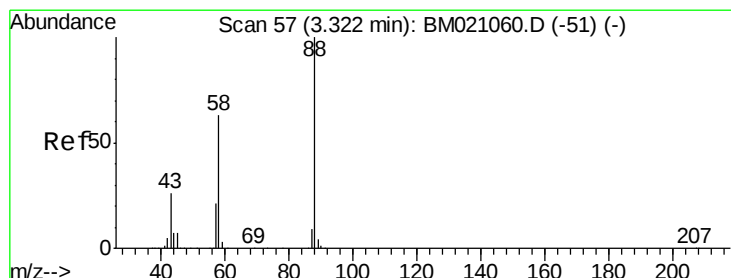
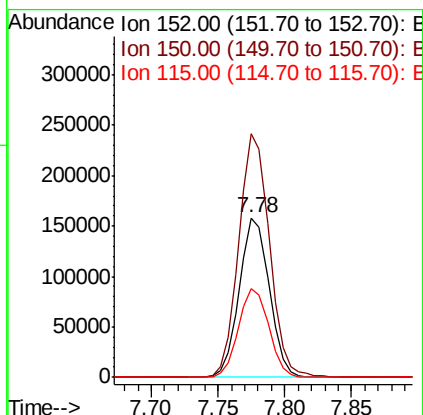
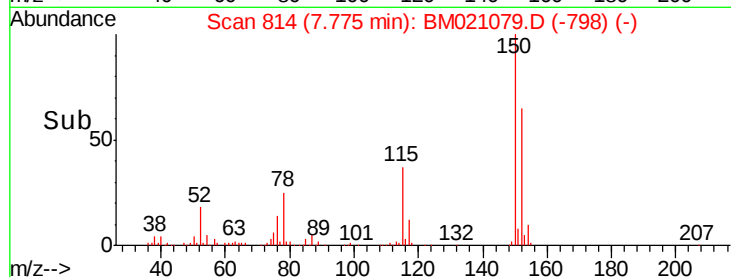
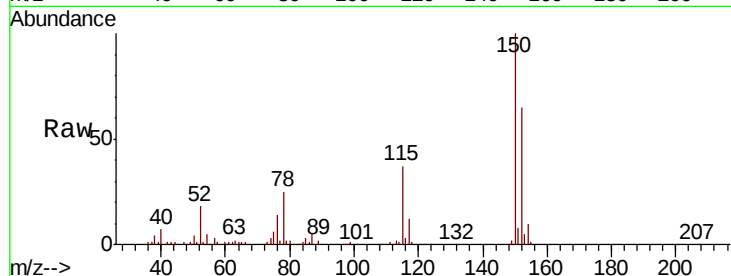


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 814
Delta R.T. -0.01 min
Lab File: BM021079.D
Acq: 21 Jun 2019 12:33

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611

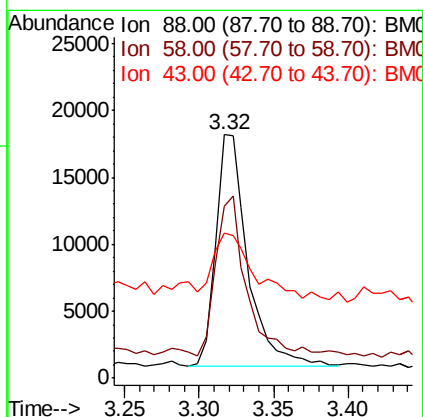
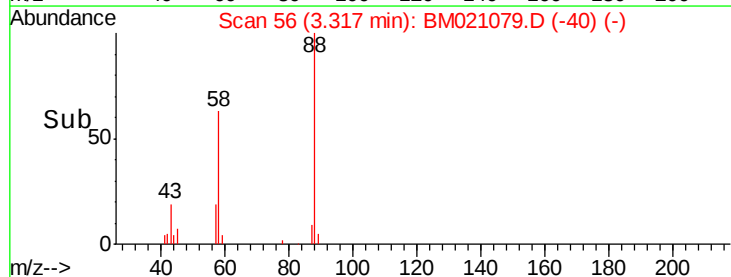
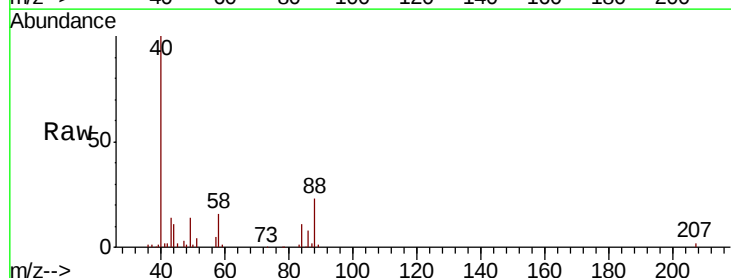
Tgt Ion:152 Resp: 245970
Ion Ratio Lower Upper
152 100
150 152.9 123.1 184.7
115 55.9 44.2 66.4

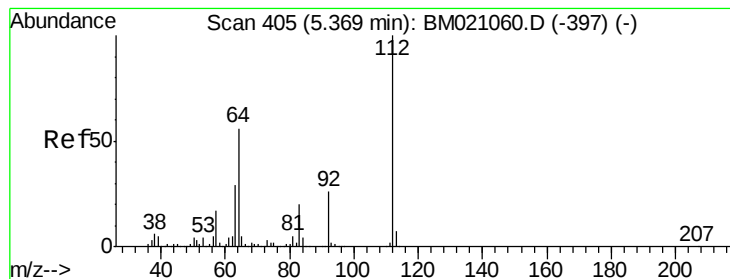


#2

1,4-Dioxane
Concen: 5.024 ng
RT: 3.32 min Scan# 56
Delta R.T. -0.01 min
Lab File: BM021079.D
Acq: 21 Jun 2019 12:33

Tgt Ion: 88 Resp: 25711
Ion Ratio Lower Upper
88 100
58 67.4 51.9 77.9
43 36.7 21.4 32.2#





#5

2-Fluorophenol

Concen: 58.652 ng

RT: 5.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM021079.D

Acq: 21 Jun 2019 12:33

Instrument :

BNA_M

ClientSampleId :

SS043MW010-190611

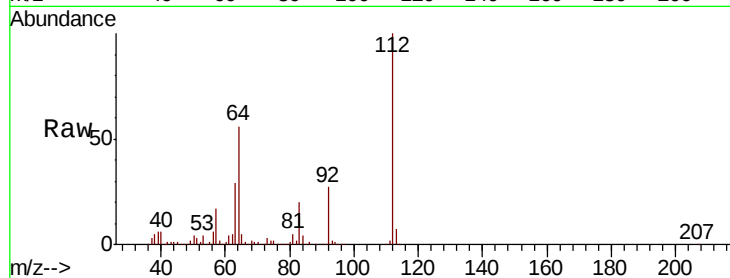
Tgt Ion: 112 Resp: 796726

Ion Ratio Lower Upper

112 100

64 56.0 45.2 67.8

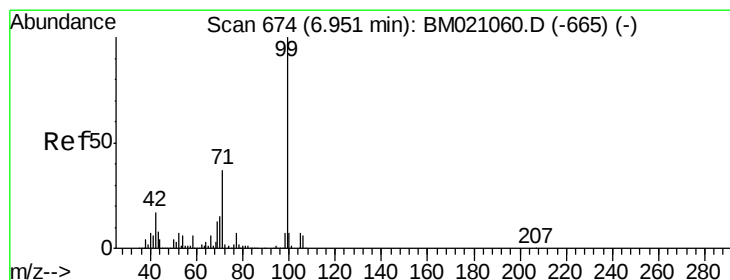
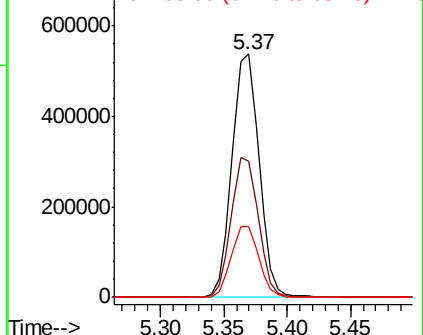
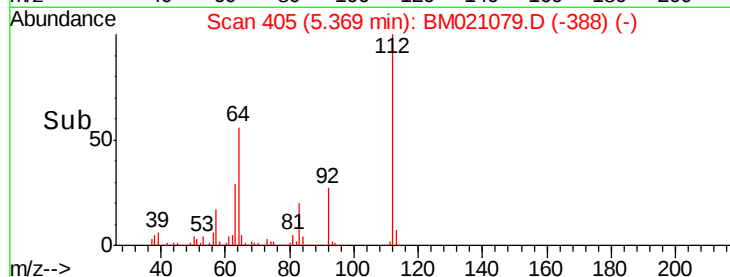
63 29.1 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 35.775 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM021079.D

Acq: 21 Jun 2019 12:33

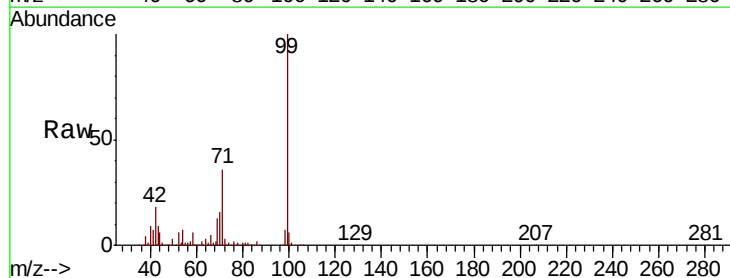
Tgt Ion: 99 Resp: 707691

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

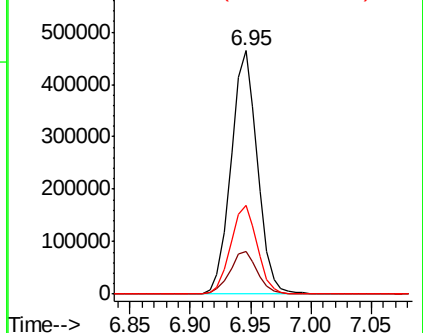
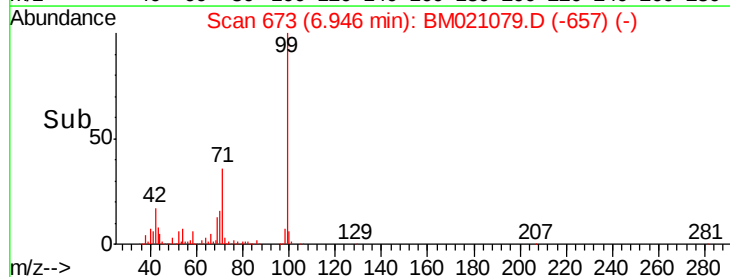
71 36.4 29.3 43.9

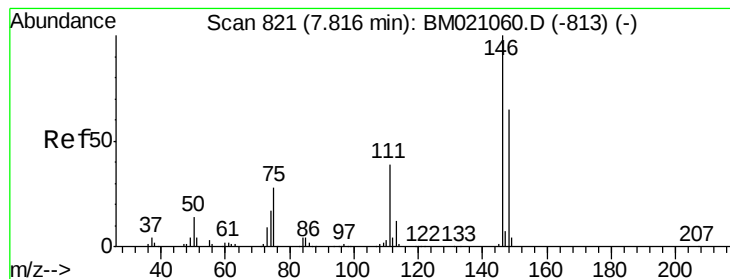


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#13

1,4-Dichlorobenzene

Concen: 2.300 ng

RT: 7.81 min Scan# 820

Delta R.T. -0.01 min

Lab File: BM021079.D

Acq: 21 Jun 2019 12:33

Instrument :

BNA_M

ClientSampleId :

SS043MW010-190611

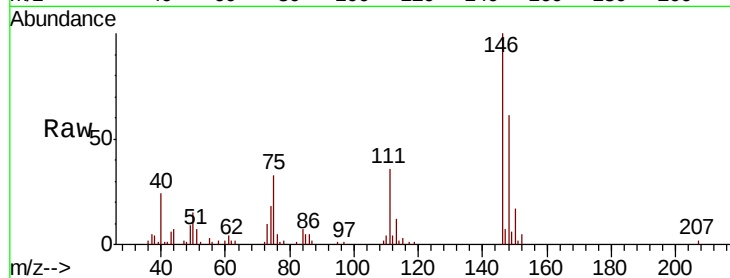
Tgt Ion:146 Resp: 47370

Ion Ratio Lower Upper

146 100

148 61.4 51.9 77.9

111 35.7 31.4 47.0

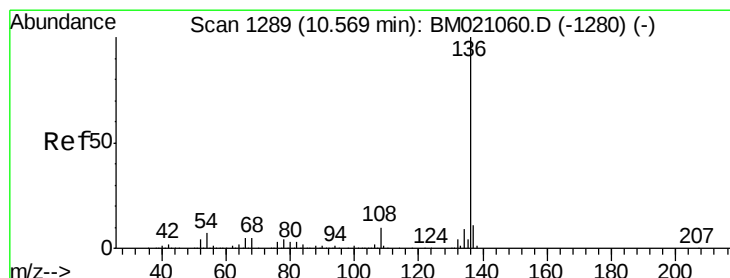
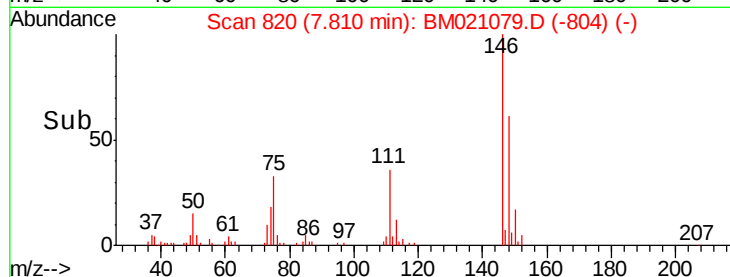
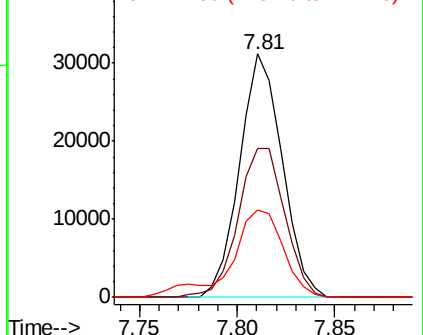


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.56 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BM021079.D

Acq: 21 Jun 2019 12:33

Tgt Ion:136 Resp: 1046906

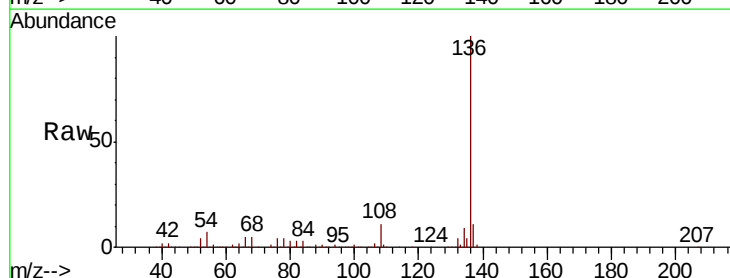
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 6.6 5.3 7.9

68 5.3 4.4 6.6



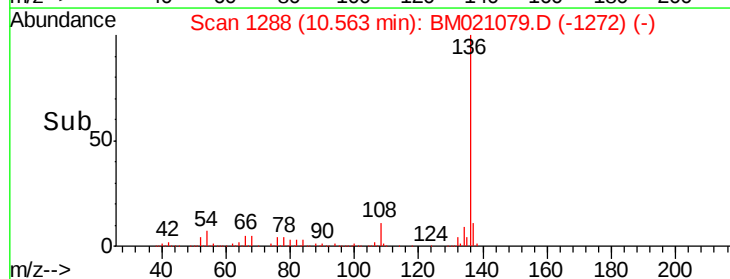
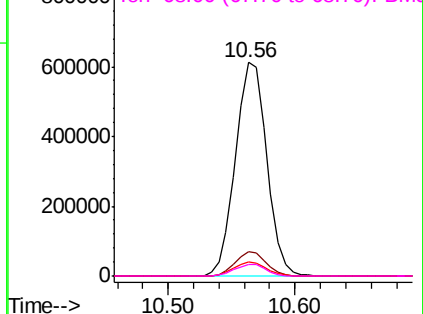
Abundance

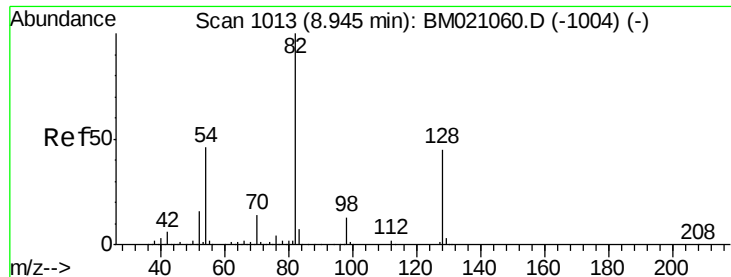
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

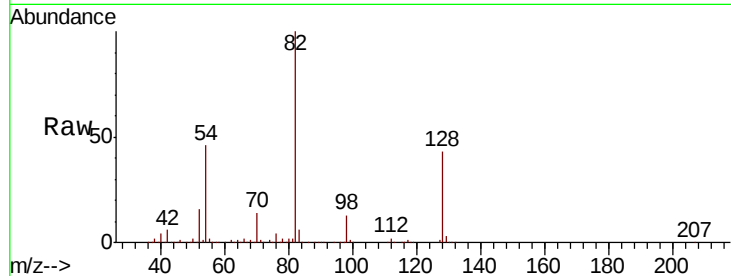




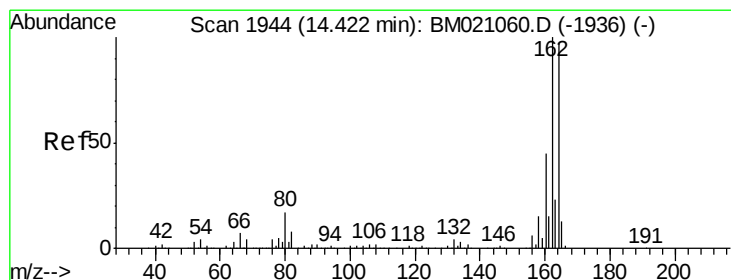
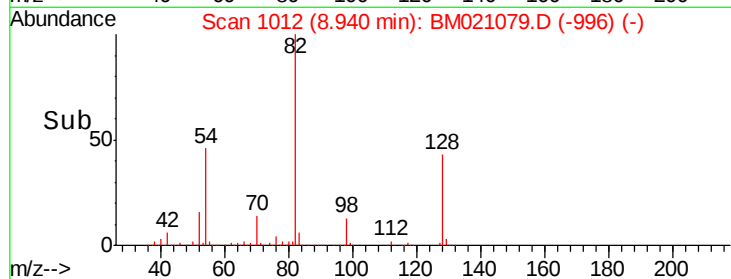
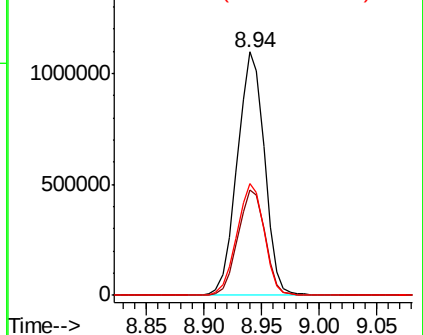
#23
Nitrobenzene-d5
Concen: 89.508 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM021079.D
Acq: 21 Jun 2019 12:33

Instrument :
BNA_M
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SS043MW010-190611

Tgt Ion: 82 Resp: 1798020
Ion Ratio Lower Upper
82 100
128 43.4 35.9 53.9
54 45.9 36.6 55.0

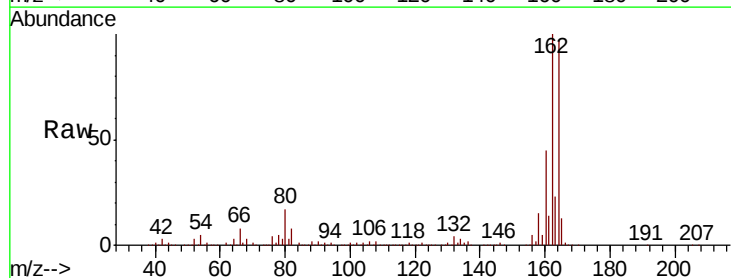


Abundance Ion 82.00 (81.70 to 82.70): BM021060.D (-1004) (-)
Ion 128.00 (127.70 to 128.70): BM021060.D (-1004) (-)
Ion 54.00 (53.70 to 54.70): BM021060.D (-1004) (-)

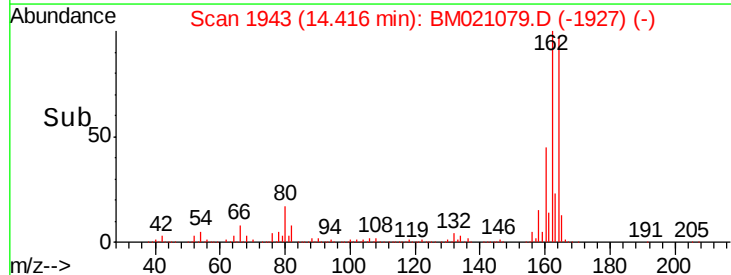
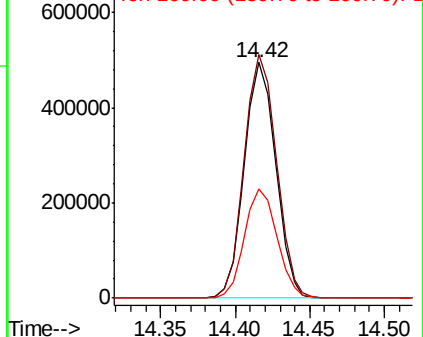


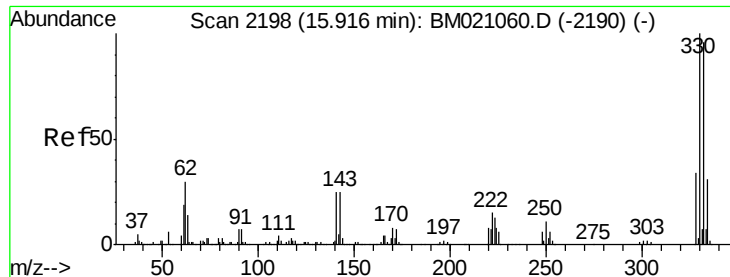
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BM021079.D
Acq: 21 Jun 2019 12:33

Tgt Ion: 164 Resp: 724185
Ion Ratio Lower Upper
164 100
162 103.3 82.1 123.1
160 46.6 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): BM021060.D (-1936) (-)
Ion 162.00 (161.70 to 162.70): BM021060.D (-1936) (-)
Ion 160.00 (159.70 to 160.70): BM021060.D (-1936) (-)

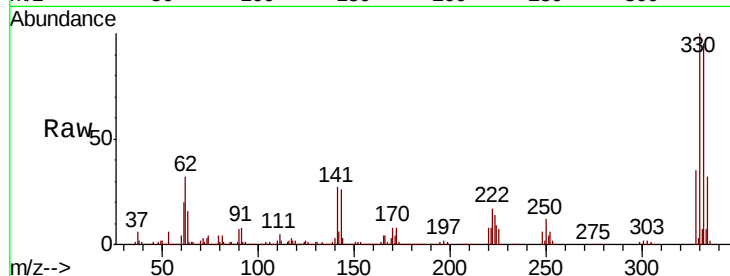




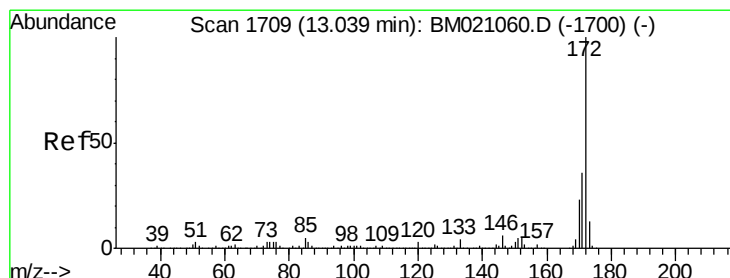
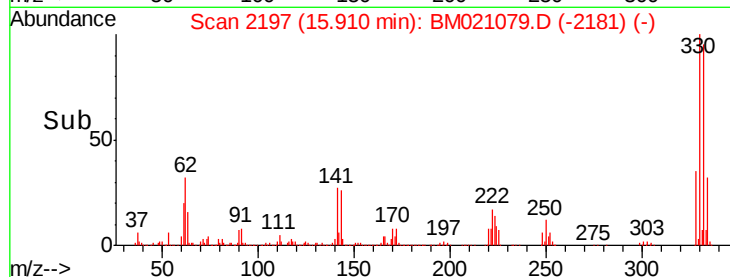
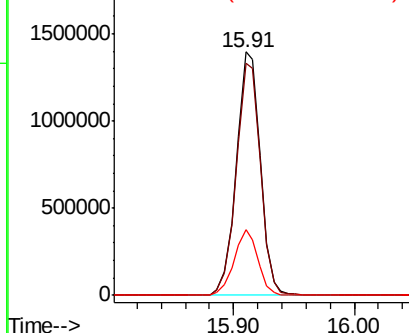
#42
 2,4,6-Tribromophenol
 Concen: 142.442 ng
 RT: 15.91 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BM021079.D
 Acq: 21 Jun 2019 12:33

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW010-190611

Tgt Ion:330 Resp: 1935647
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.1 115.7
 141 26.9 21.8 32.8

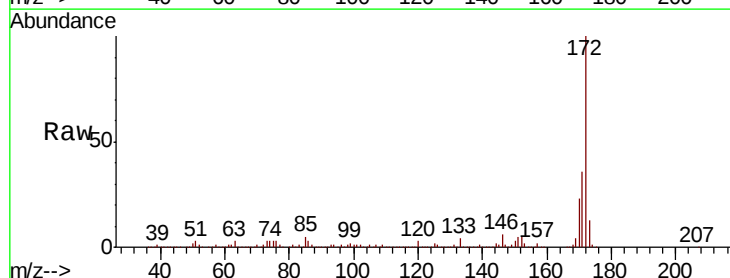


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

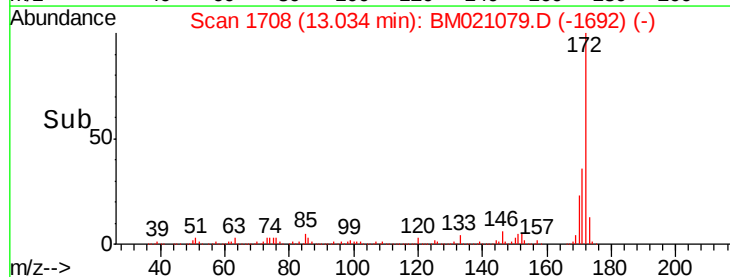
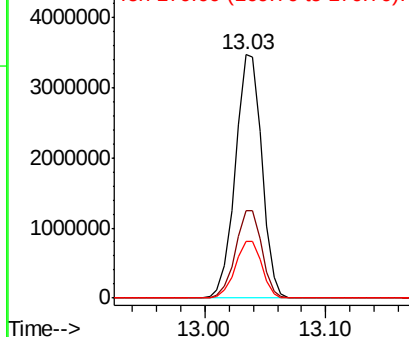


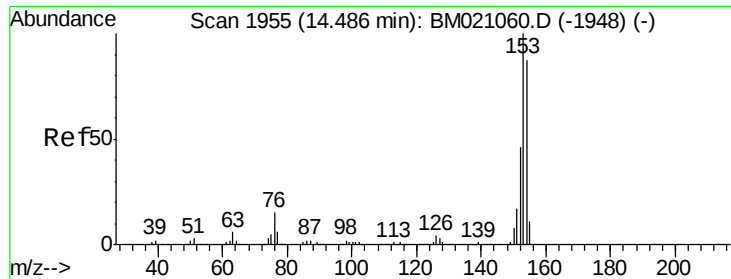
#45
 2-Fluorobiphenyl
 Concen: 90.111 ng
 RT: 13.03 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BM021079.D
 Acq: 21 Jun 2019 12:33

Tgt Ion:172 Resp: 5309743
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.2 18.7 28.1



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





#52

Acenaphthene

Concen: 9.134 ng

RT: 14.48 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BM021079.D

Acq: 21 Jun 2019 12:33

Instrument :

BNA_M

ClientSampleId :

SS043MW010-190611

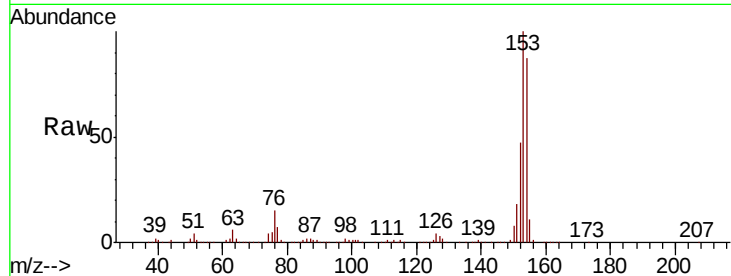
Tgt Ion:154 Resp: 422170

Ion Ratio Lower Upper

154 100

153 114.4 91.5 137.3

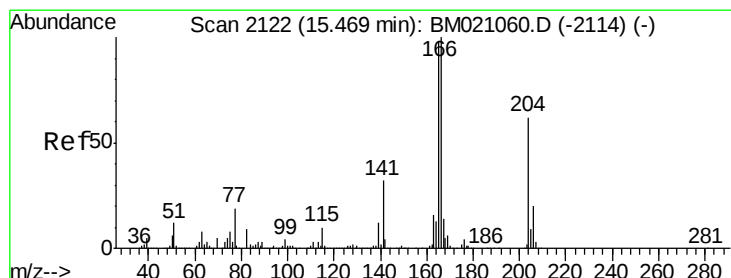
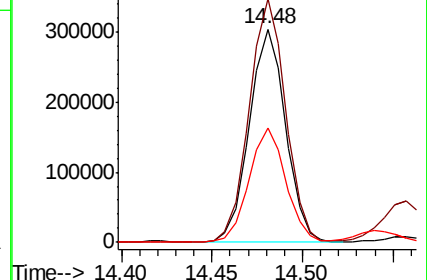
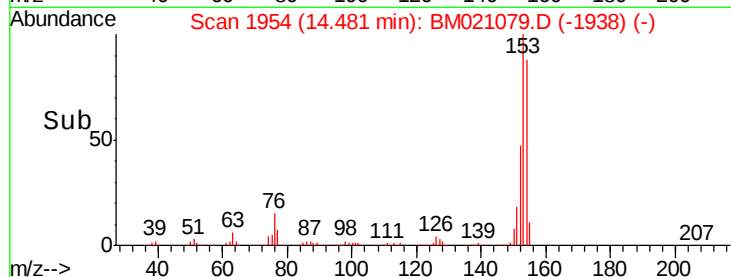
152 53.7 42.3 63.5



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



#58

Fluorene

Concen: 6.902 ng

RT: 15.47 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BM021079.D

Acq: 21 Jun 2019 12:33

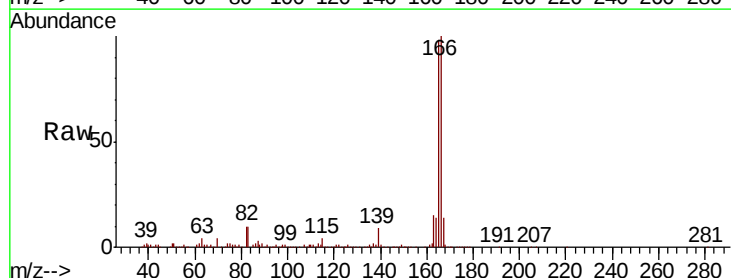
Tgt Ion:166 Resp: 425232

Ion Ratio Lower Upper

166 100

165 98.4 78.6 117.8

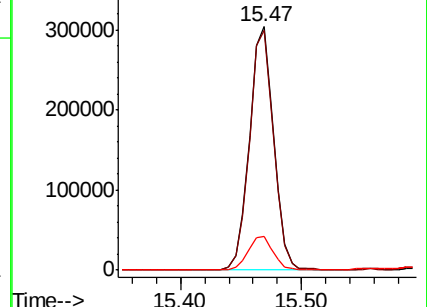
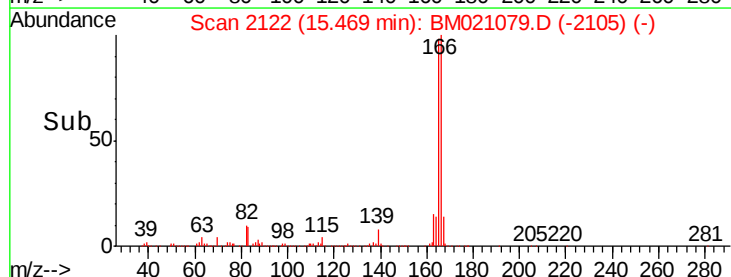
167 13.7 10.9 16.3

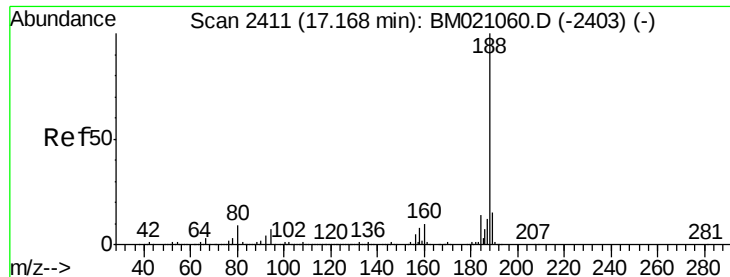


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

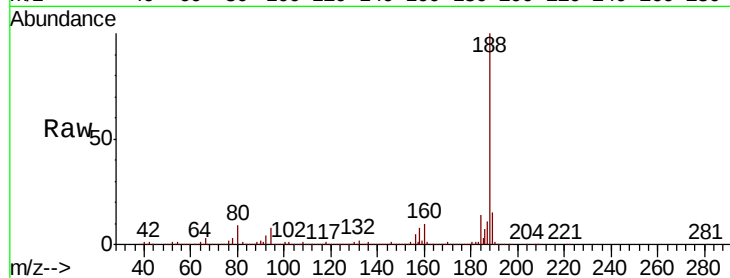




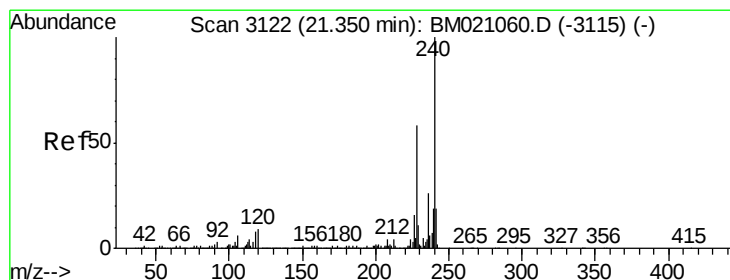
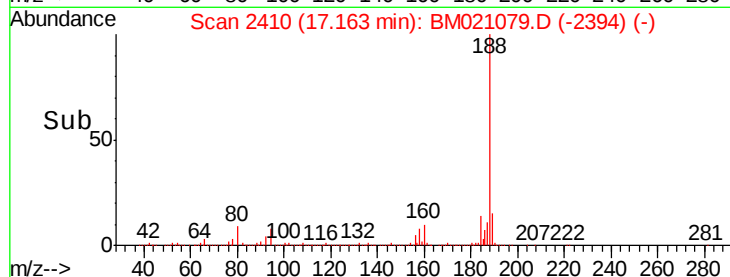
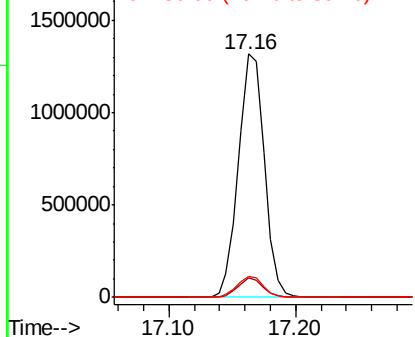
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM021079.D
Acq: 21 Jun 2019 12:33

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:188 Resp: 1863551
Ion Ratio Lower Upper
188 100
94 7.9 5.8 8.8
80 8.6 6.9 10.3

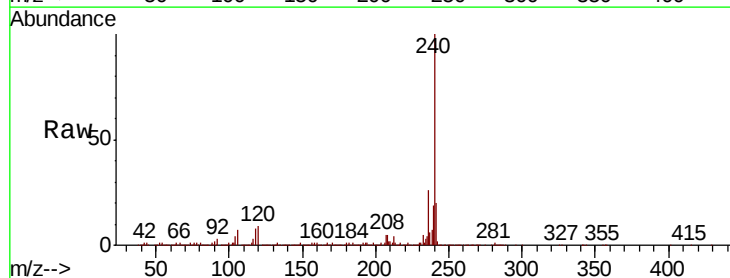


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

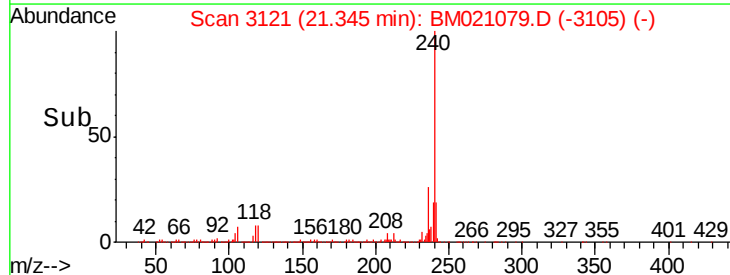
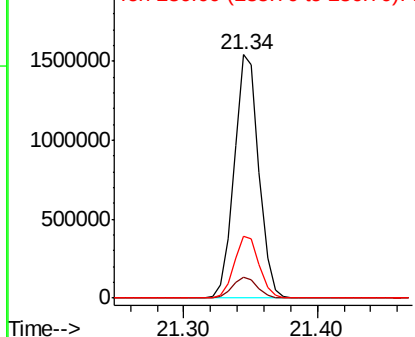


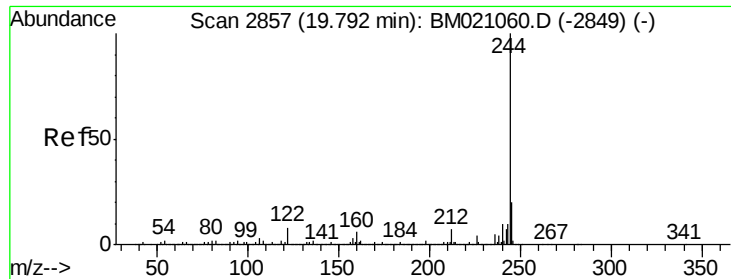
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM021079.D
Acq: 21 Jun 2019 12:33

Tgt Ion:240 Resp: 1975441
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 25.7 20.4 30.6



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: 93.689 ng

RT: 19.79 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BM021079.D

Acq: 21 Jun 2019 12:33

Instrument :

BNA_M

ClientSampleId :

SS043MW010-190611

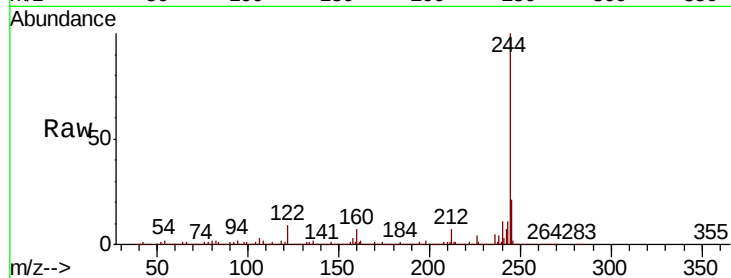
Tgt Ion:244 Resp: 9909220

Ion Ratio Lower Upper

244 100

212 7.1 5.3 7.9

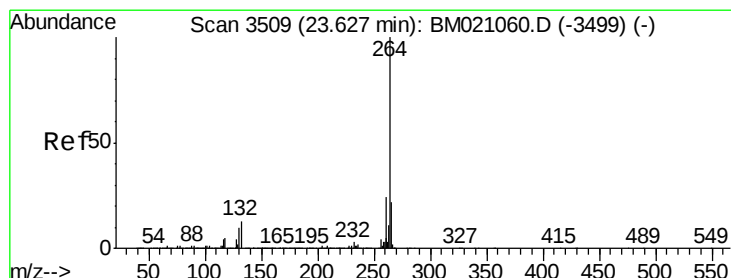
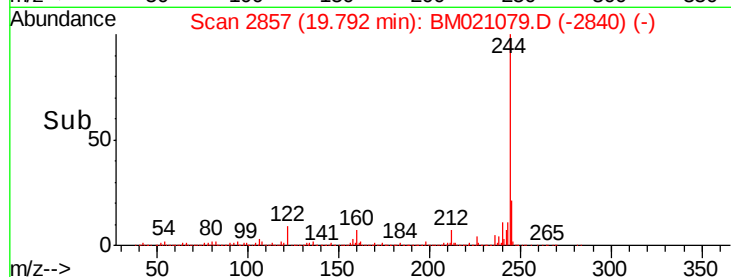
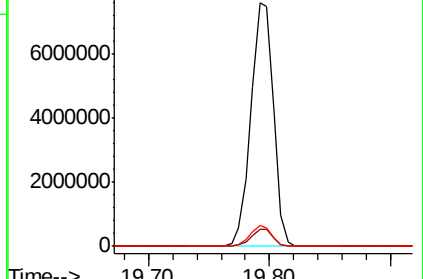
122 8.7 6.6 9.8



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: 23.63 min Scan# 3509

Delta R.T. 0.00 min

Lab File: BM021079.D

Acq: 21 Jun 2019 12:33

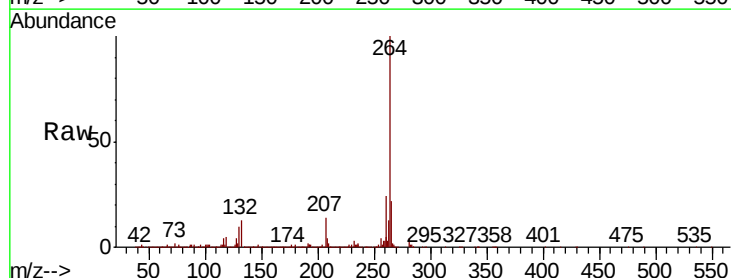
Tgt Ion:264 Resp: 1986425

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 22.1 17.7 26.5



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

