

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019117.D
 Acq On : 12 Mar 2019 18:18
 Operator : JU/SJ
 Sample : K1842-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR-MW-01_030819

Quant Time: Mar 13 05:18:46 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

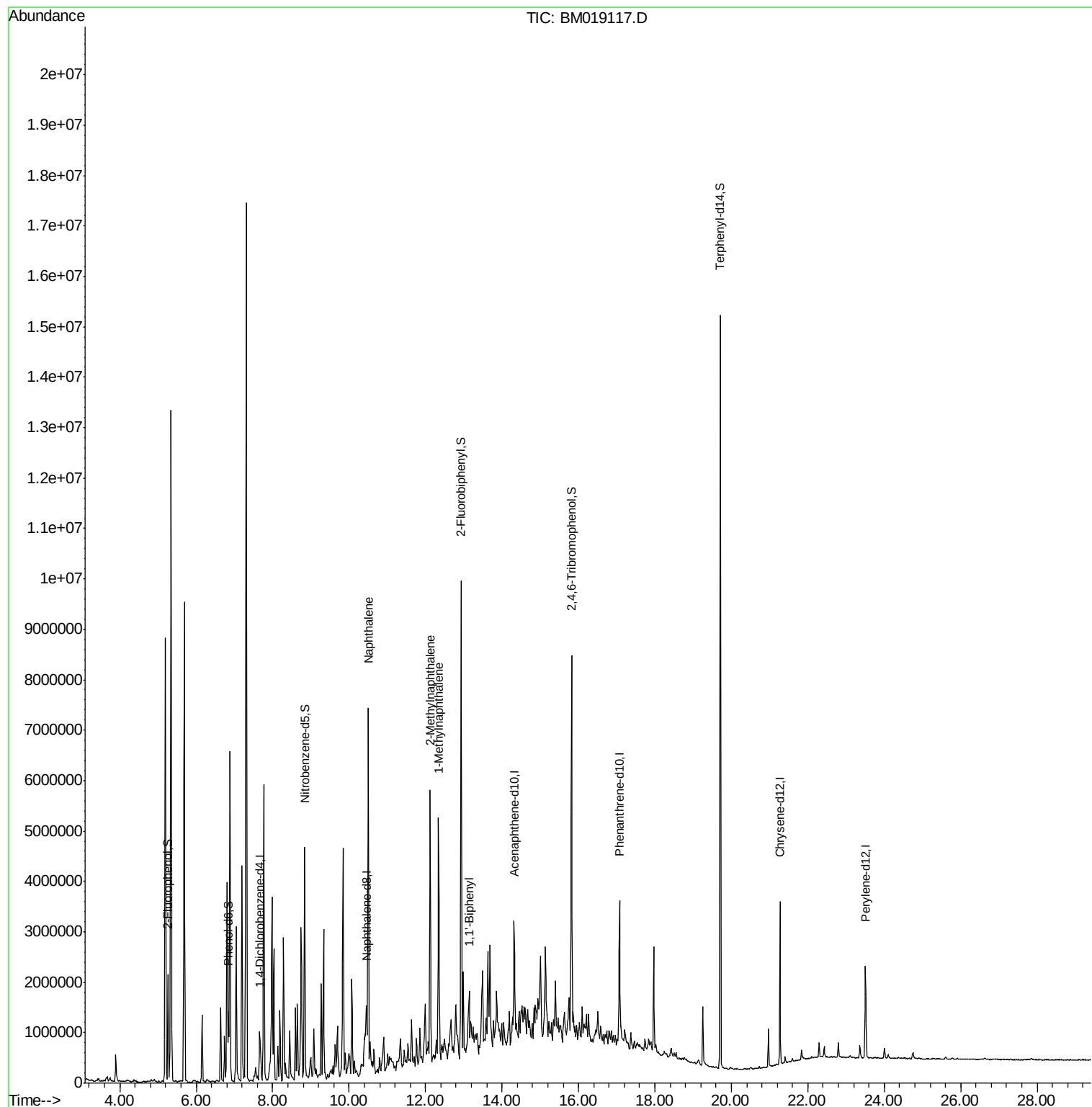
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	244706	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1100903	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	699349	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1508981	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1393185	20.00	ng	0.00
87) Perylene-d12	23.51	264	1199531	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	877238	58.06	ng	0.00
7) Phenol-d6	6.84	99	808574	36.58	ng	0.00
23) Nitrobenzene-d5	8.83	82	1995309	85.67	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1426120	138.11	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	4411163	82.05	ng	0.00
79) Terphenyl-d14	19.72	244	6910414	98.47	ng	0.00
Target Compounds						
31) Naphthalene	10.50	128	5421898	93.440	ng	99
37) 2-Methylnaphthalene	12.12	142	2530033	60.002	ng	100
38) 1-Methylnaphthalene	12.34	142	2075308	49.933	ng	99
46) 1,1'-Biphenyl	13.14	154	253006	4.143	ng	99

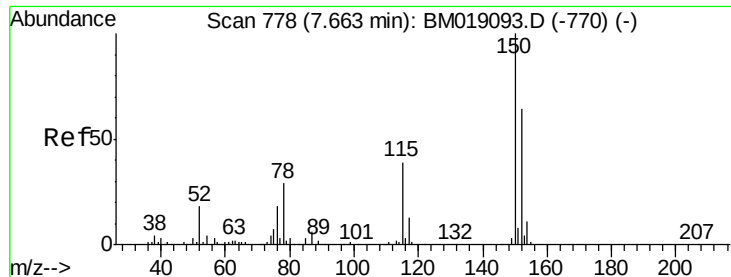
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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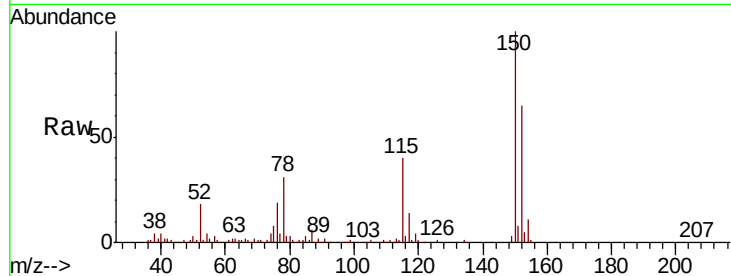


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM019117.D
Acq: 12 Mar 2019 18:18

Instrument :
BNA_M
ClientSampleId :
PR-MW-01_030819

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	125.3	187.9
115	61.9	49.4	74.0

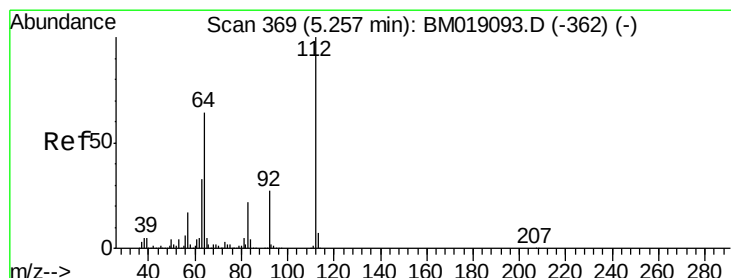
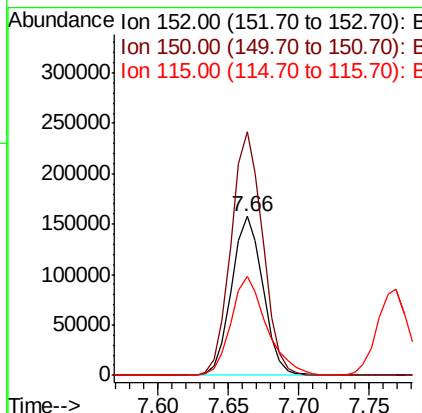
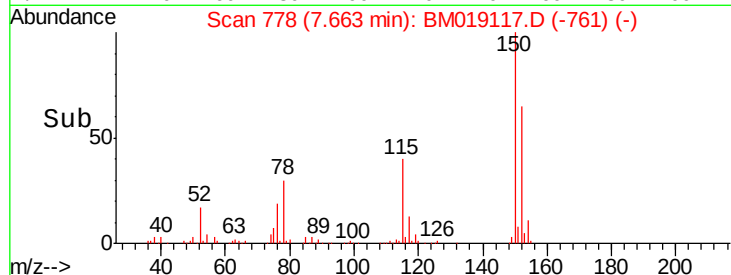


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

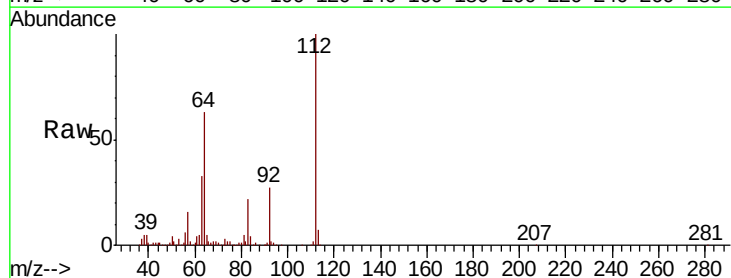
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 58.056 ng
RT: 5.26 min Scan# 370
Delta R.T. 0.01 min
Lab File: BM019117.D
Acq: 12 Mar 2019 18:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	51.4	77.0
63	32.7	26.6	40.0

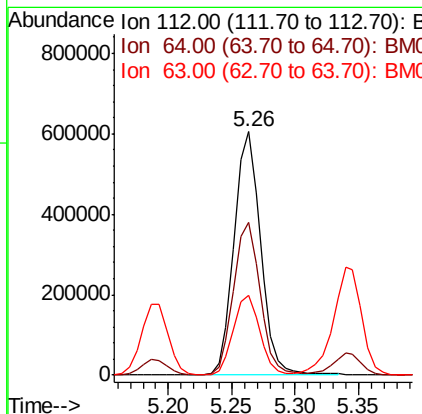
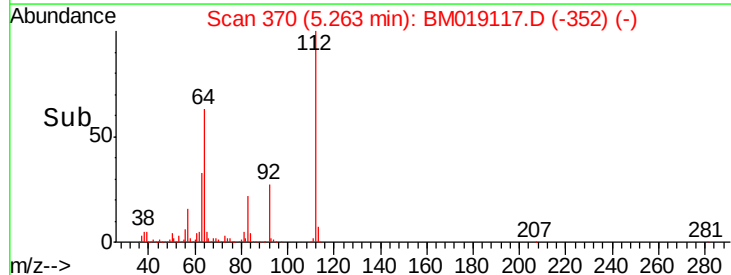


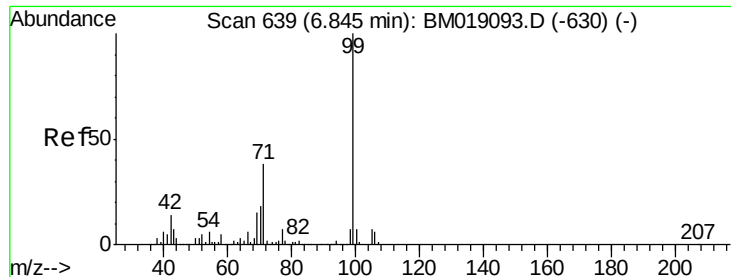
Abundance

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: 36.584 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM019117.D

Acq: 12 Mar 2019 18:18

Instrument :

BNA_M

ClientSampleId :

PR-MW-01_030819

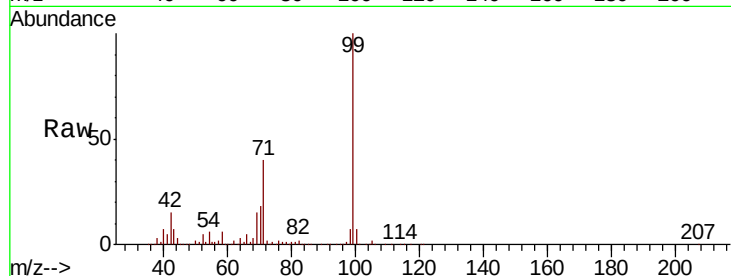
Tot Ion: 99 Resp: 808574

Ion Ratio Lower Upper

99 100

42 14.7 10.9 16.3

71 39.6 30.3 45.5

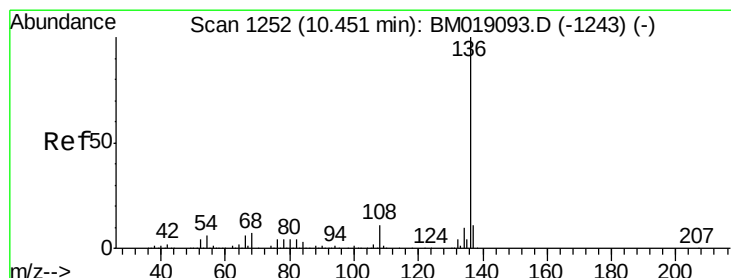
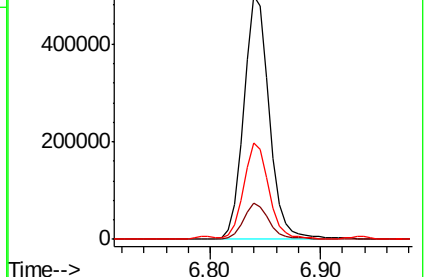
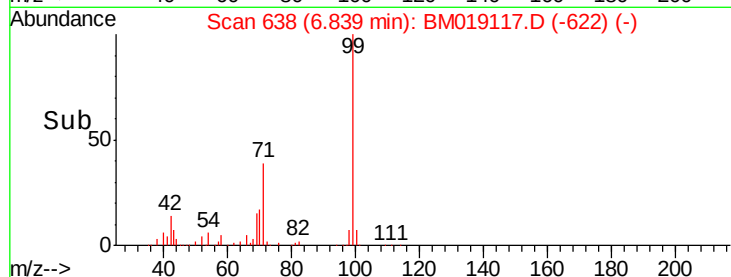


Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

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

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

6.84



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM019117.D

Acq: 12 Mar 2019 18:18

Tgt Ion: 136 Resp: 1100903

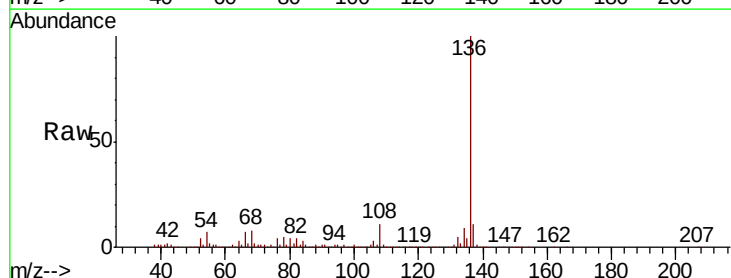
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 6.9 5.2 7.8

68 8.0 5.8 8.8



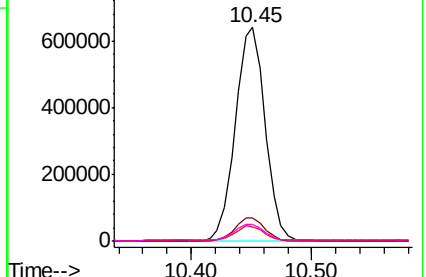
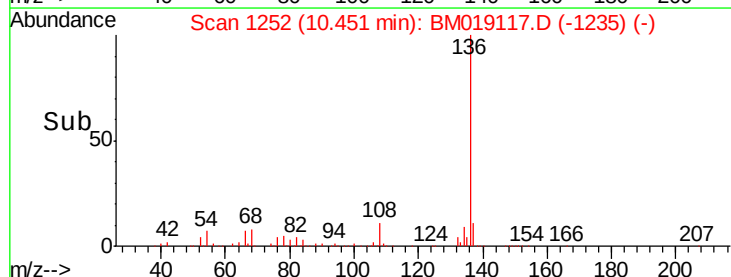
Abundance Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

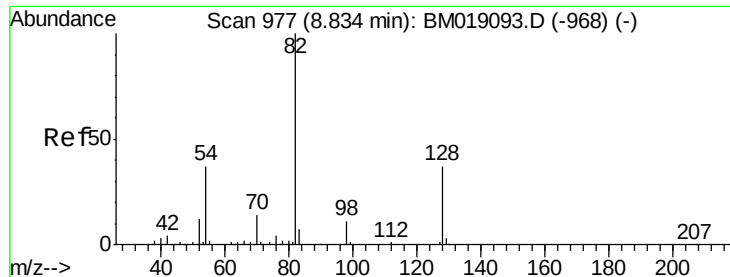
Ion 137.00 (136.70 to 137.70): BM019093.D (-1243) (-)

Ion 54.00 (53.70 to 54.70): BM019093.D (-1243) (-)

Ion 68.00 (67.70 to 68.70): BM019093.D (-1243) (-)

10.45

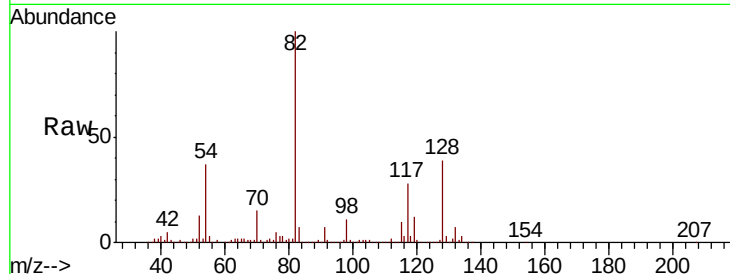




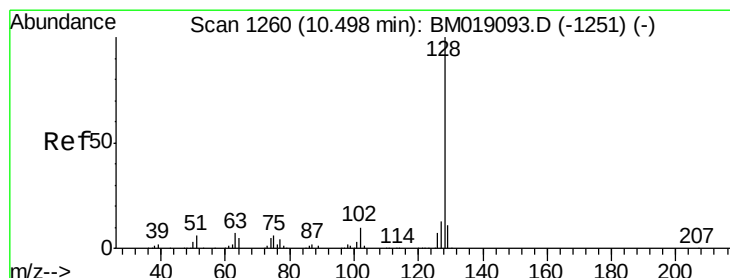
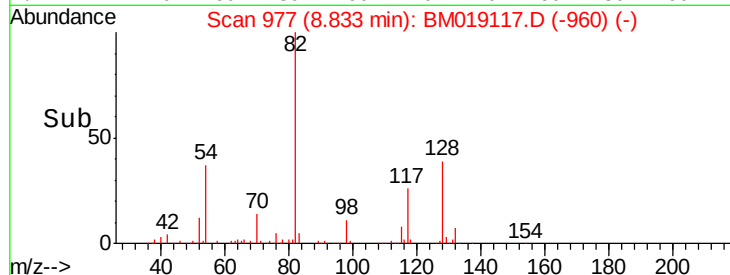
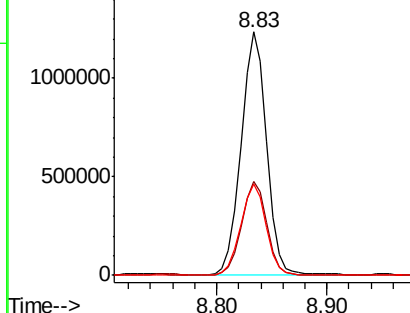
#23
Nitrobenzene-d5
Concen: 85.674 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM019117.D
Acq: 12 Mar 2019 18:18

Instrument :
BNA_M
ClientSampleId :
PR-MW-01_030819

Tot Ion: 82 Resp: 1995309
Ion Ratio Lower Upper
82 100
128 38.6 29.4 44.2
54 37.4 29.9 44.9

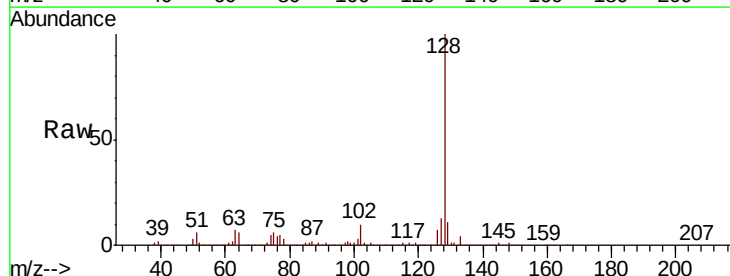


Abundance Ion 82.00 (81.70 to 82.70): BM019117.D (-960) (-)
Ion 128.00 (127.70 to 128.70): BM019117.D (-960) (-)
Ion 54.00 (53.70 to 54.70): BM019117.D (-960) (-)

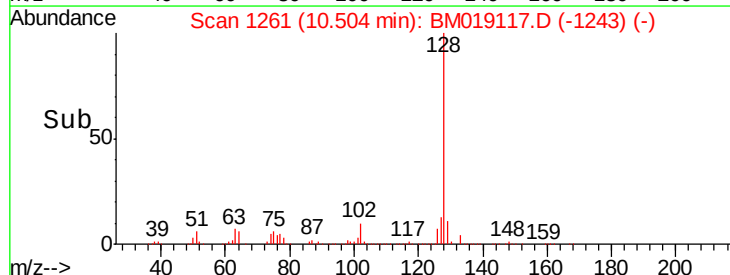
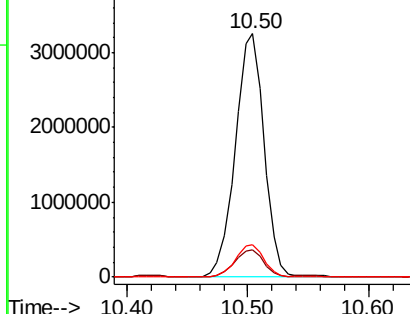


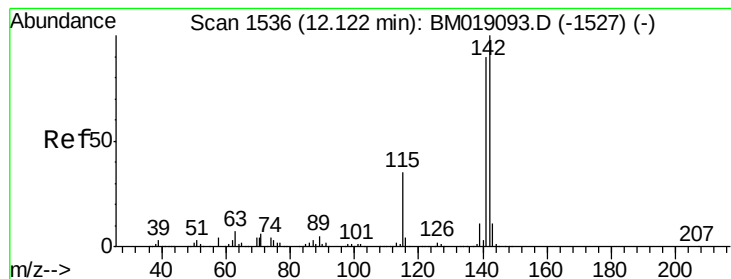
#31
Naphthalene
Concen: 93.440 ng
RT: 10.50 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BM019117.D
Acq: 12 Mar 2019 18:18

Tgt Ion:128 Resp: 5421898
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): BM019117.D (-1243) (-)
Ion 129.00 (128.70 to 129.70): BM019117.D (-1243) (-)
Ion 127.00 (126.70 to 127.70): BM019117.D (-1243) (-)





#37

2-Methylnaphthalene

Concen: 60.002 ng

RT: 12.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BM019117.D

Acq: 12 Mar 2019 18:18

Instrument :

BNA_M

ClientSampleId :

PR-MW-01_030819

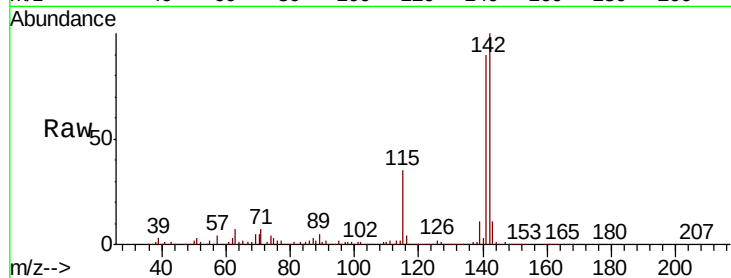
Tot Ion:142 Resp: 2530033

Ion Ratio Lower Upper

142 100

141 90.2 72.3 108.5

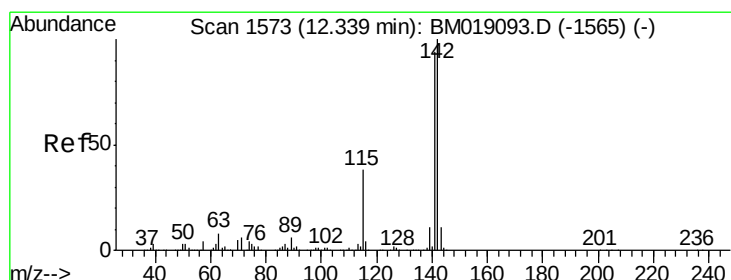
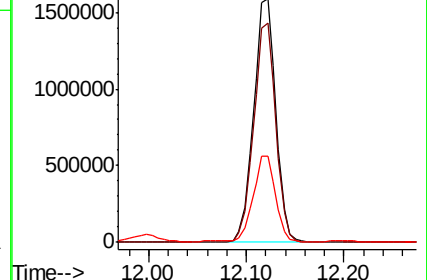
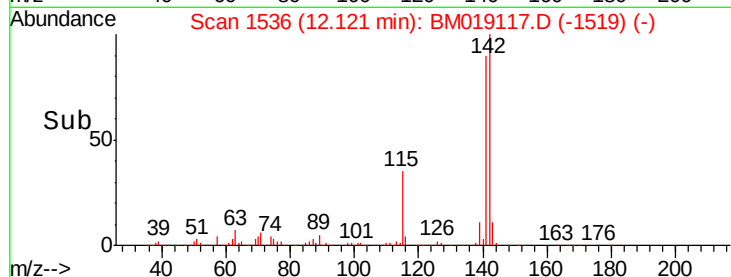
115 35.3 27.8 41.8



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: 49.933 ng

RT: 12.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BM019117.D

Acq: 12 Mar 2019 18:18

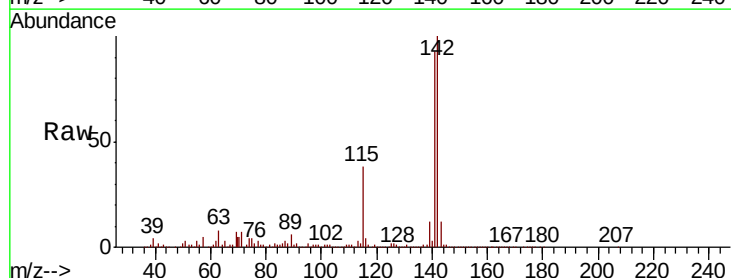
Tgt Ion:142 Resp: 2075308

Ion Ratio Lower Upper

142 100

141 92.9 74.9 112.3

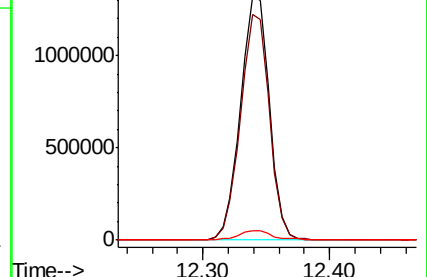
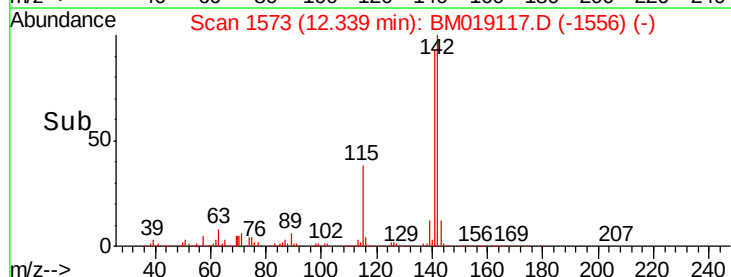
116 4.1 3.2 4.8

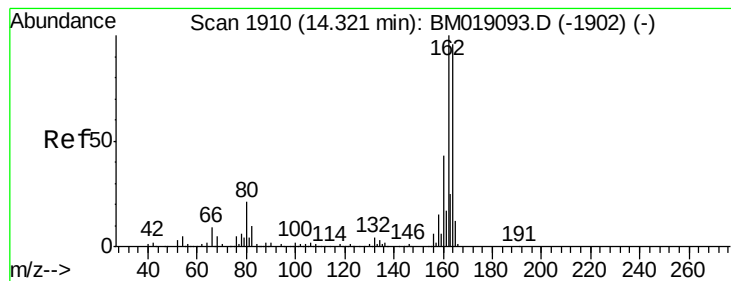


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM019117.D

Acq: 12 Mar 2019 18:18

Instrument :

BNA_M

ClientSampleId :

PR-MW-01_030819

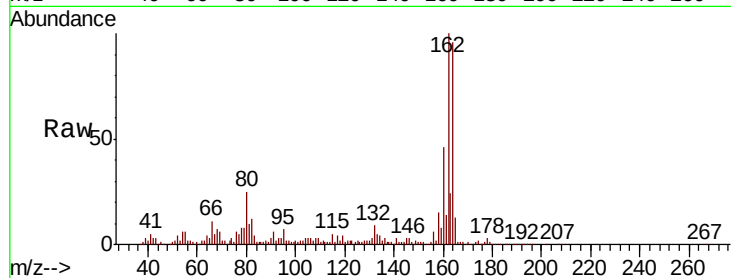
Tot Ion:164 Resp: 699349

Ion Ratio Lower Upper

164 100

162 104.4 83.5 125.3

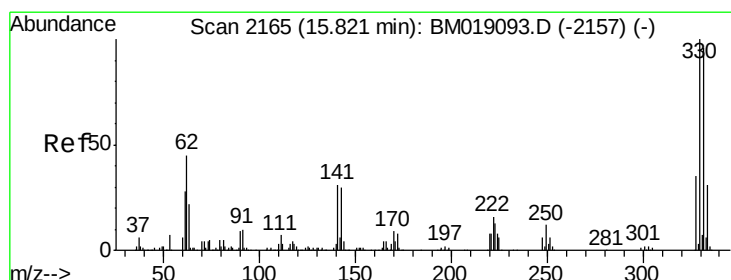
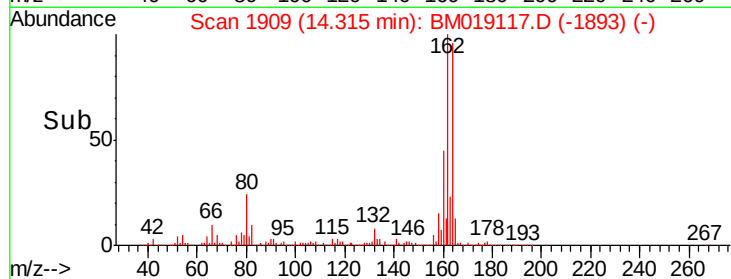
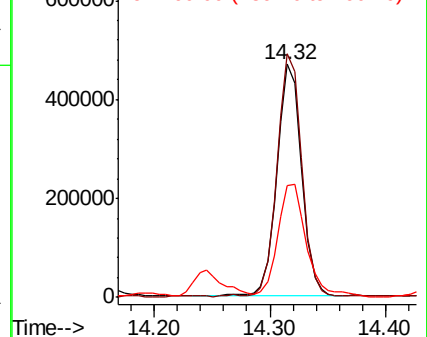
160 48.1 36.3 54.5



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: 138.114 ng

RT: 15.82 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BM019117.D

Acq: 12 Mar 2019 18:18

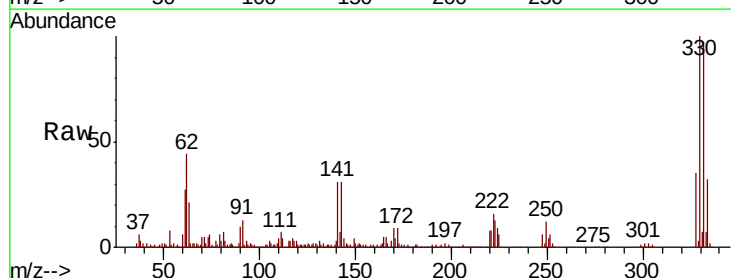
Tgt Ion:330 Resp: 1426120

Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

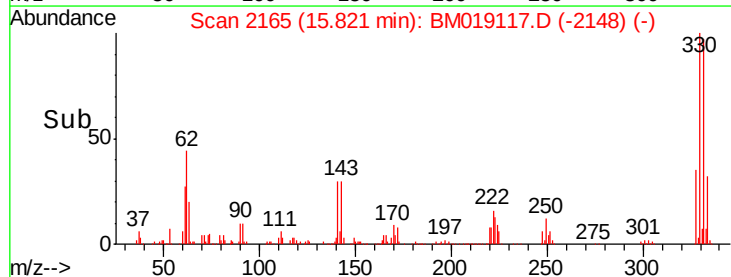
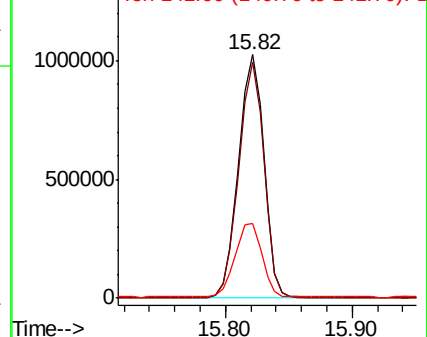
141 32.3 27.0 40.4

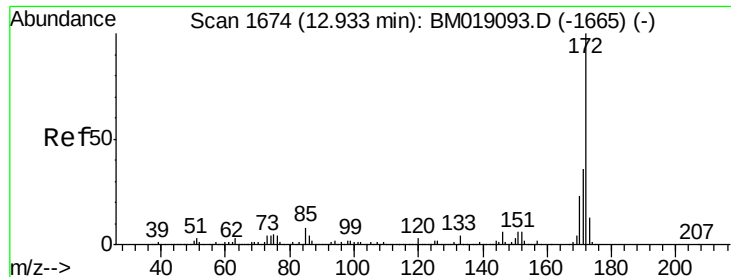


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

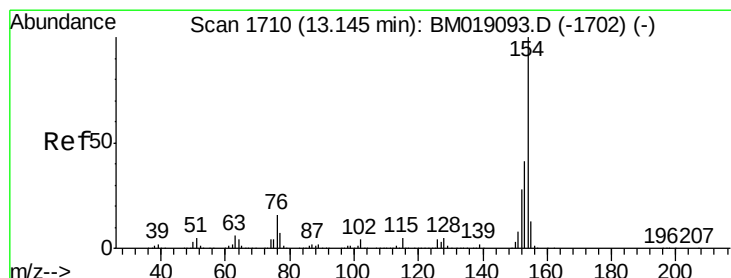
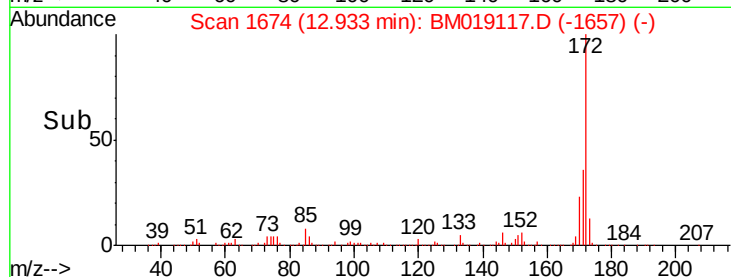
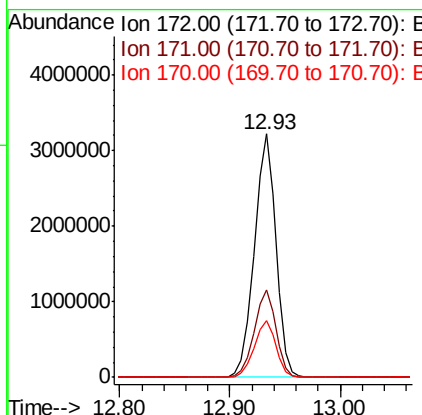
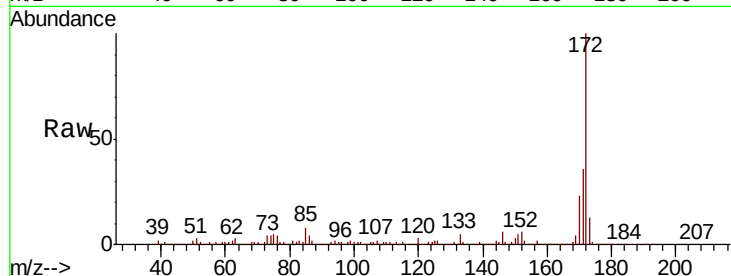




#45
2-Fluorobiphenyl
Concen: 82.046 ng
RT: 12.93 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BM019117.D
Acq: 12 Mar 2019 18:18

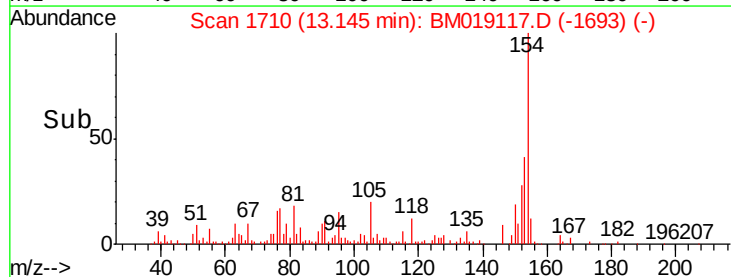
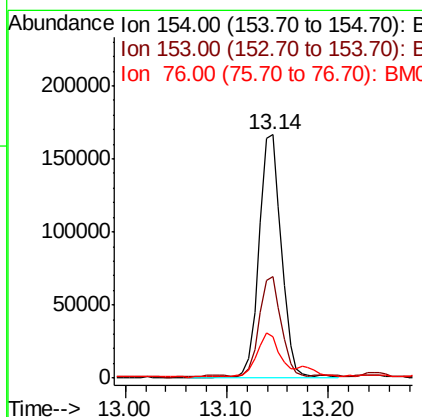
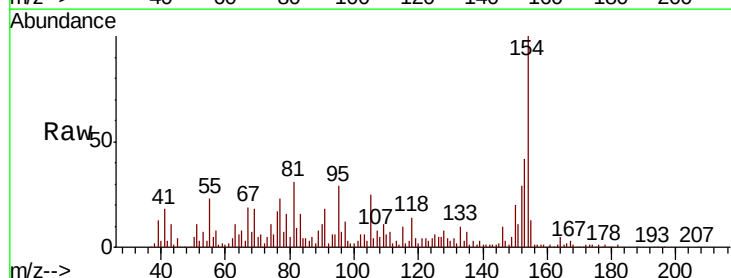
Instrument :
BNA_M
ClientSampleId :
PR-MW-01_030819

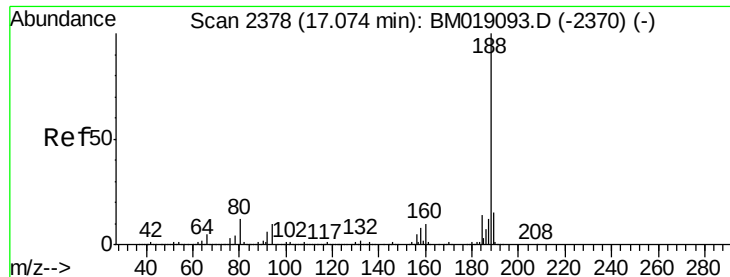
Tot Ion:172 Resp: 4411163
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 23.2 18.6 28.0



#46
1,1'-Biphenyl
Concen: 4.143 ng
RT: 13.14 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BM019117.D
Acq: 12 Mar 2019 18:18

Tgt Ion:154 Resp: 253006
Ion Ratio Lower Upper
154 100
153 41.6 21.5 61.5
76 16.9 0.0 35.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BM019117.D

Acq: 12 Mar 2019 18:18

Instrument :

BNA_M

ClientSampleId :

PR-MW-01_030819

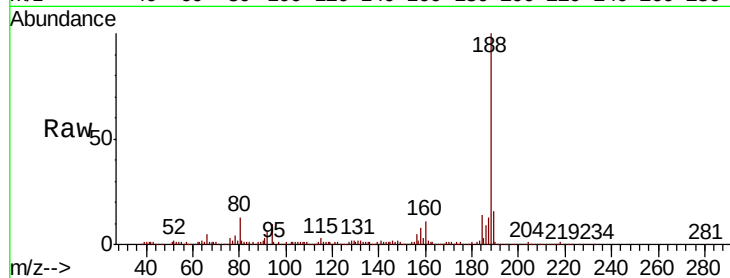
Tot Ion:188 Resp: 1508981

Ion Ratio Lower Upper

188 100

94 10.2 8.1 12.1

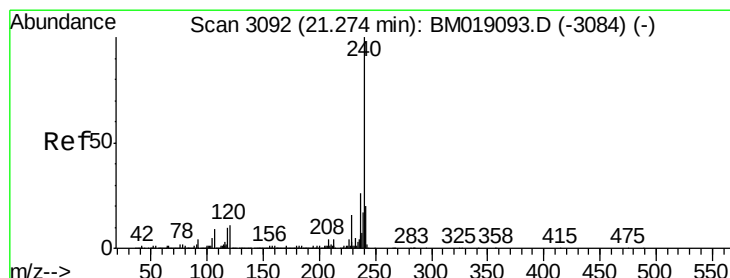
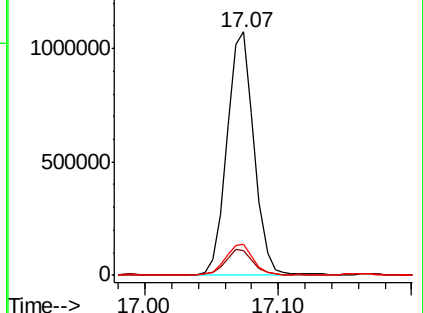
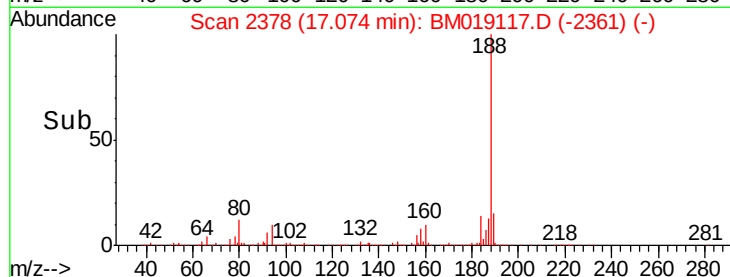
80 12.6 9.7 14.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM019117.D

Acq: 12 Mar 2019 18:18

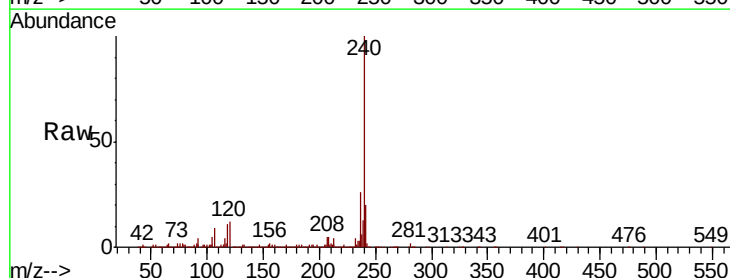
Tgt Ion:240 Resp: 1393185

Ion Ratio Lower Upper

240 100

120 12.3 8.9 13.3

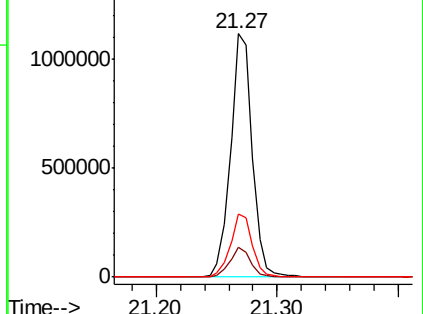
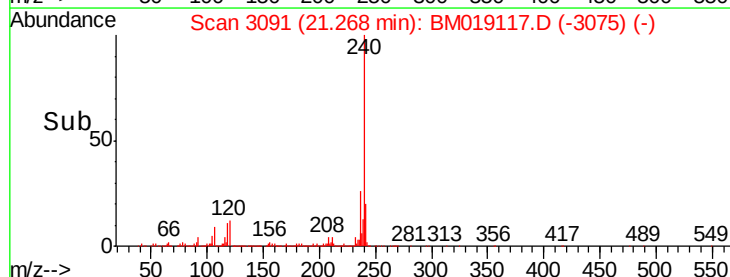
236 26.1 21.0 31.4

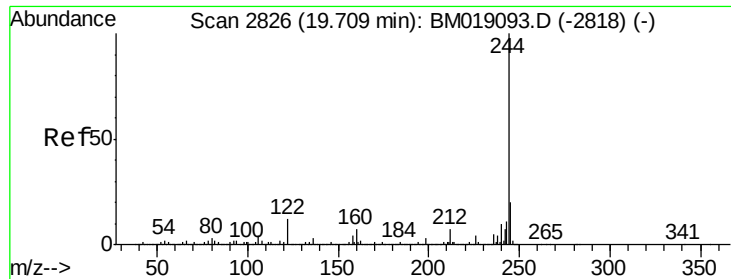


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.470 ng

RT: 19.72 min Scan# 2827

Delta R.T. 0.01 min

Lab File: BM019117.D

Acq: 12 Mar 2019 18:18

Instrument :

BNA_M

ClientSampleId :

PR-MW-01_030819

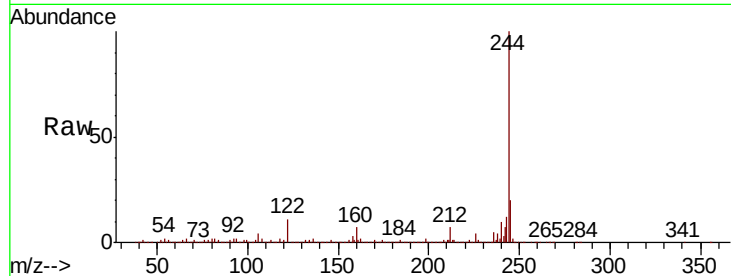
Tot Ion:244 Resp: 6910414

Ion Ratio Lower Upper

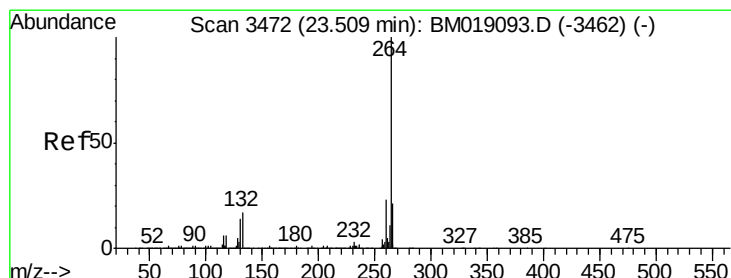
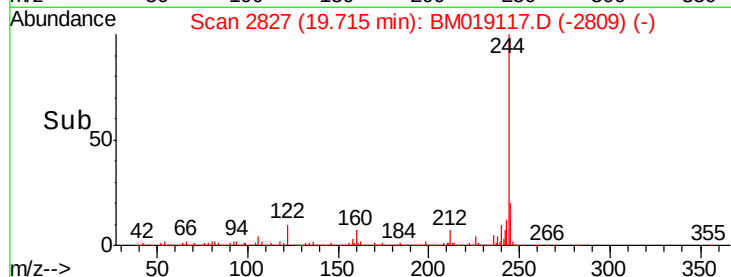
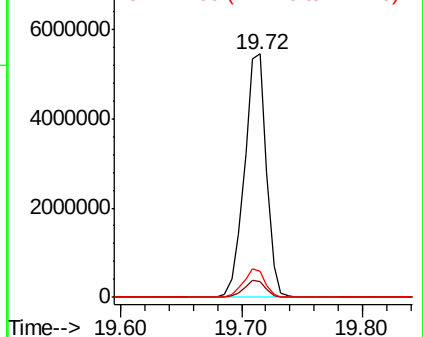
244 100

212 6.7 5.4 8.2

122 10.5 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: 23.51 min Scan# 3472

Delta R.T. -0.00 min

Lab File: BM019117.D

Acq: 12 Mar 2019 18:18

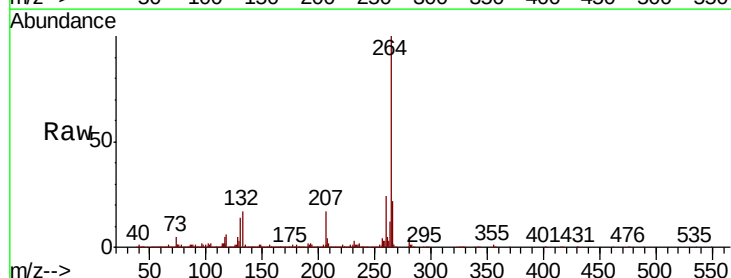
Tgt Ion:264 Resp: 1199531

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.9 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

