

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019118.D
 Acq On : 12 Mar 2019 18:54
 Operator : JU/SJ
 Sample : K1842-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR-MW-02_030819

Quant Time: Mar 13 05:33:39 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

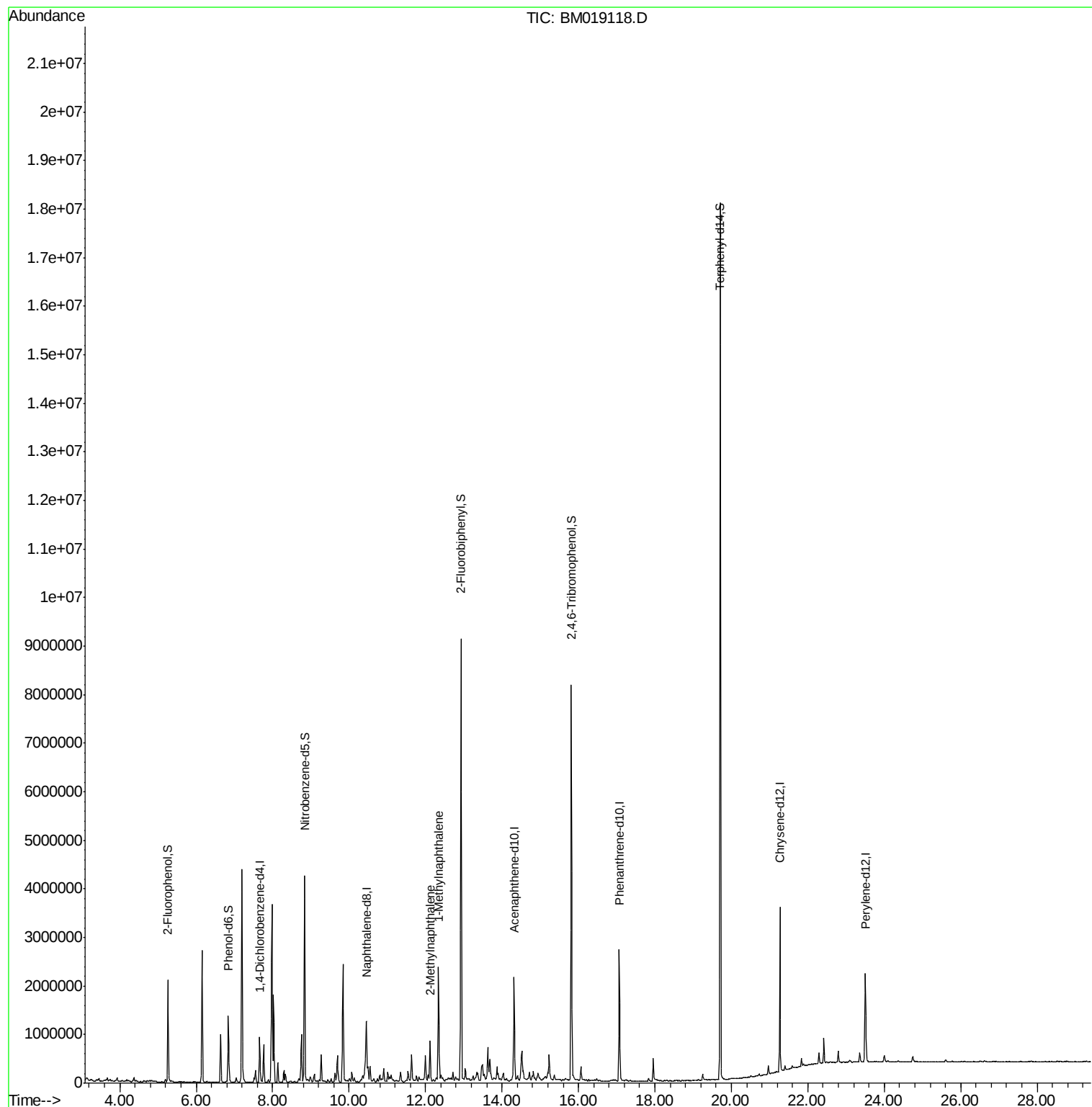
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	237057	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1004484	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	663412	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1497358	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1480669	20.00	ng	0.00
87) Perylene-d12	23.50	264	1315939	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	907309	61.98	ng	0.00
7) Phenol-d6	6.84	99	798948	37.31	ng	0.00
23) Nitrobenzene-d5	8.83	82	2062047	97.04	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1494805	152.61	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	4539744	89.01	ng	0.00
79) Terphenyl-d14	19.71	244	7997027	107.22	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.12	142	391056	10.164	ng	99
38) 1-Methylnaphthalene	12.34	142	1030714	27.180	ng	99

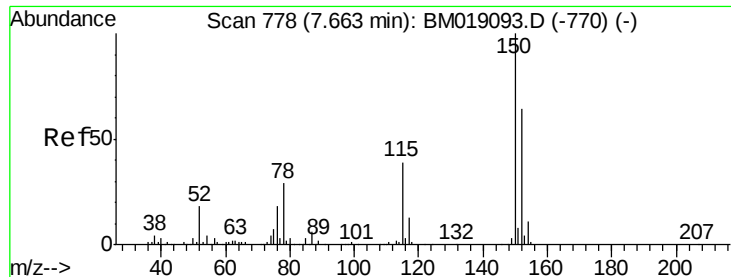
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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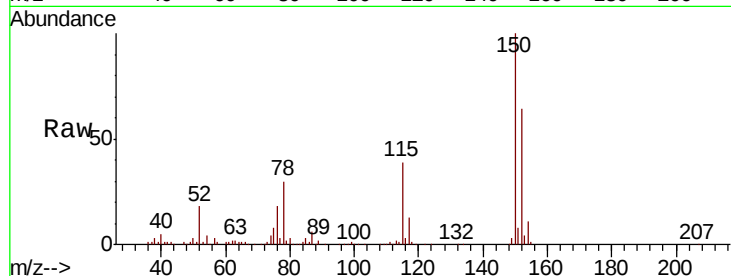


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BM019118.D
Acq: 12 Mar 2019 18:54

Instrument :
BNA_M
ClientSampleId :
PR-MW-02_030819

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.3	187.9
115	61.6	49.4	74.0

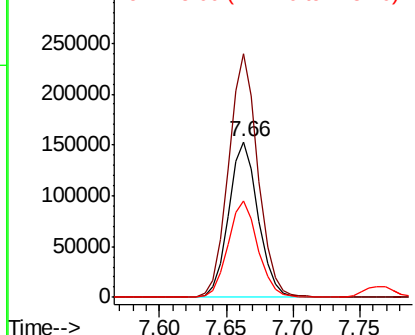
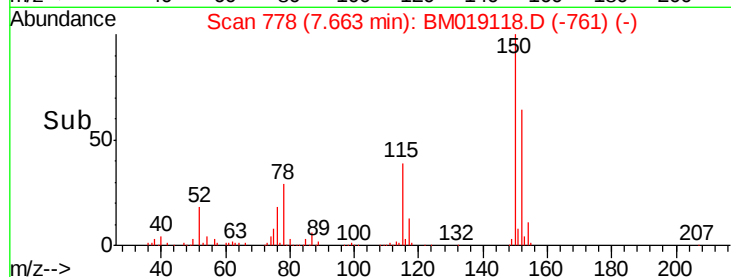


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

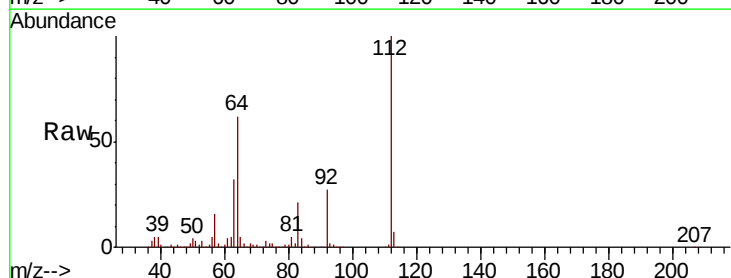
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 61.984 ng
RT: 5.26 min Scan# 370
Delta R.T. 0.01 min
Lab File: BM019118.D
Acq: 12 Mar 2019 18:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	51.4	77.0
63	31.8	26.6	40.0

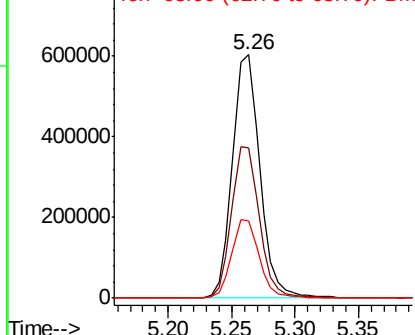
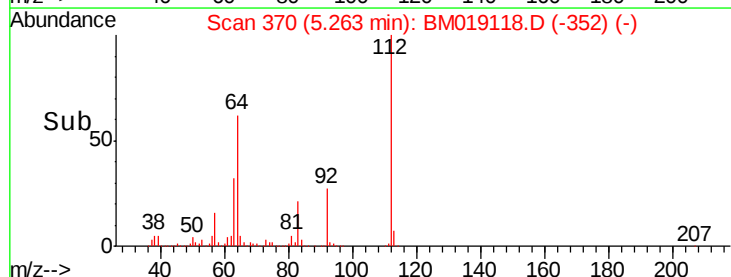


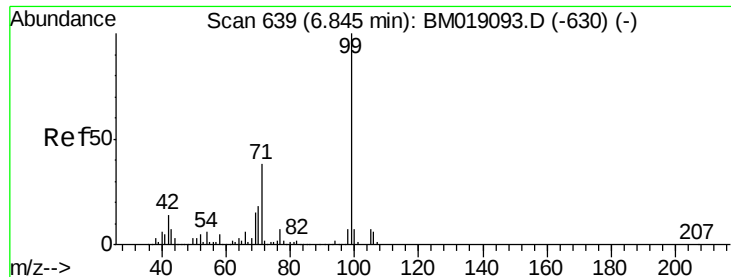
Abundance

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: 37.315 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM019118.D

Acq: 12 Mar 2019 18:54

Instrument :

BNA_M

ClientSampleId :

PR-MW-02_030819

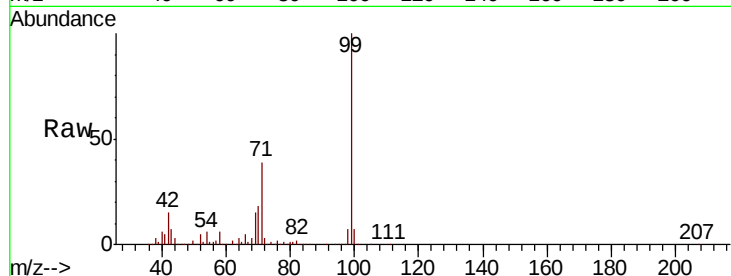
Tot Ion: 99 Resp: 798948

Ion Ratio Lower Upper

99 100

42 14.8 10.9 16.3

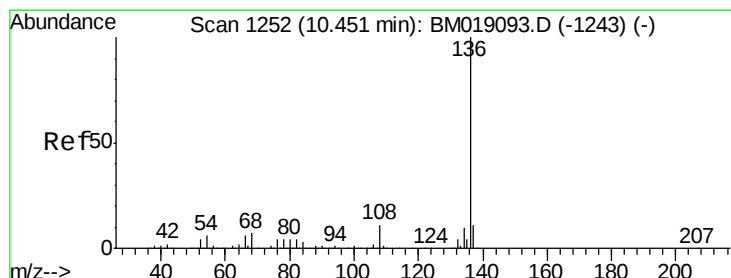
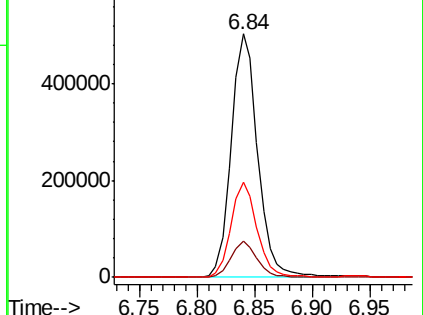
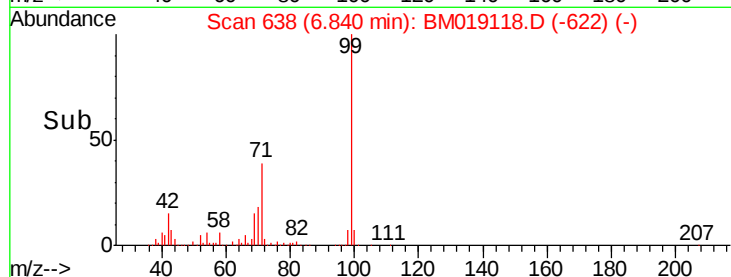
71 38.8 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019118.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM019118.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM019118.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM019118.D

Acq: 12 Mar 2019 18:54

Tgt Ion: 136 Resp: 1004484

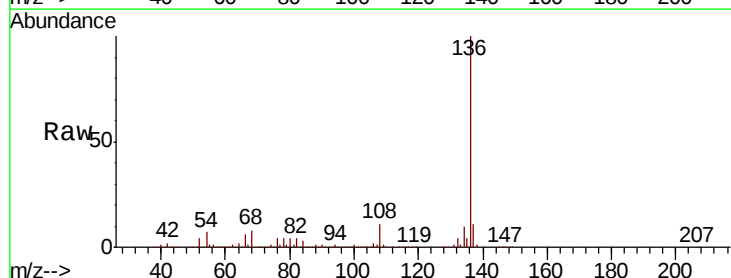
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 6.6 5.2 7.8

68 7.5 5.8 8.8

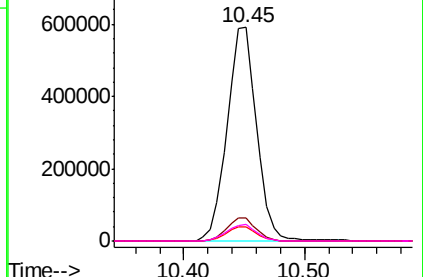
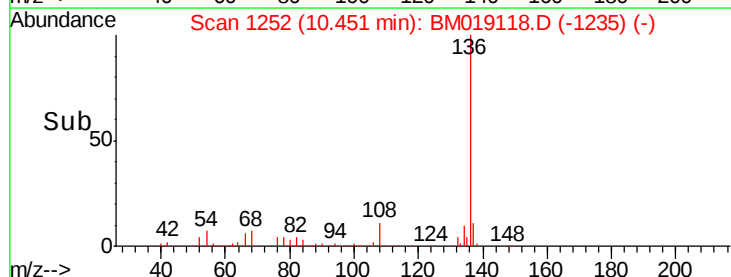


Abundance Ion 136.00 (135.70 to 136.70): BM019118.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM019118.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM019118.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM019118.D (-1235) (-)

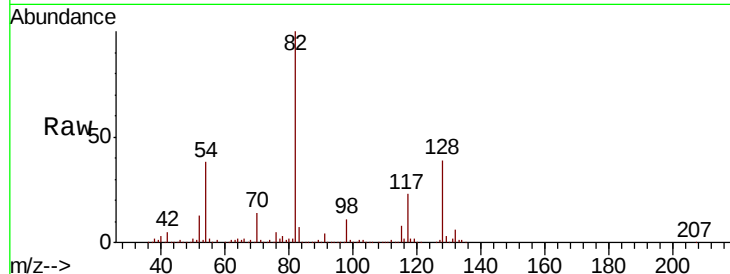




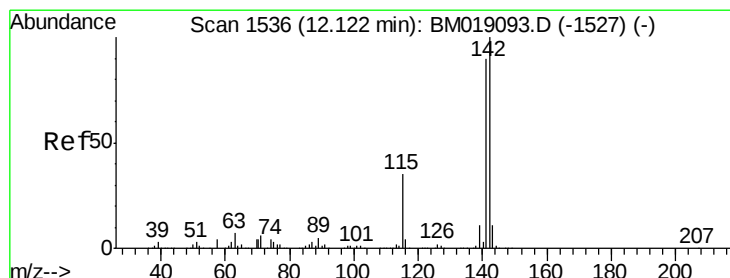
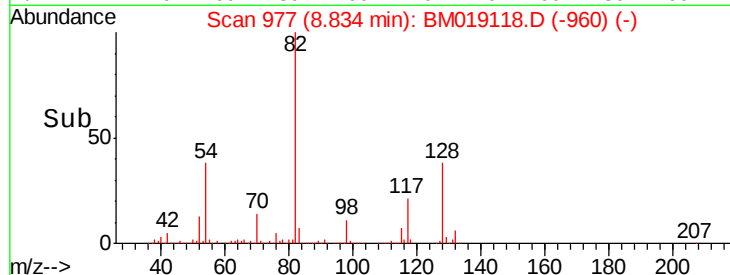
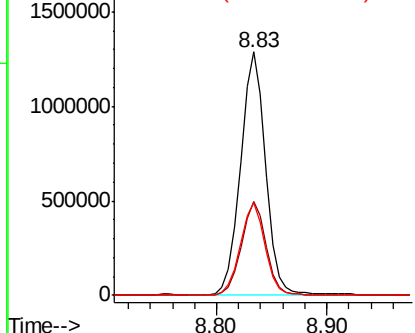
#23
Nitrobenzene-d5
Concen: 97.038 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM019118.D
Acq: 12 Mar 2019 18:54

Instrument :
BNA_M
ClientSampleId :
PR-MW-02_030819

Tot Ion: 82 Resp: 2062047
Ion Ratio Lower Upper
82 100
128 38.6 29.4 44.2
54 37.8 29.9 44.9

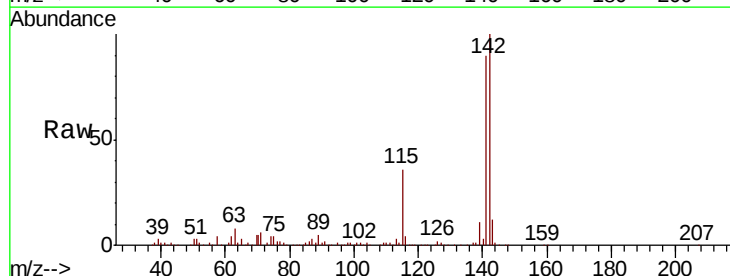


Abundance Ion 82.00 (81.70 to 82.70): BM019118.D (-960) (-)
Ion 128.00 (127.70 to 128.70): BM019118.D (-960) (-)
Ion 54.00 (53.70 to 54.70): BM019118.D (-960) (-)

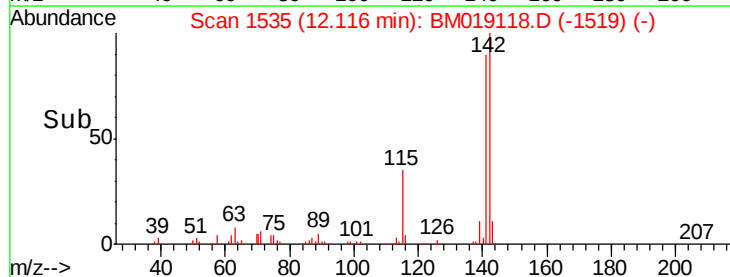
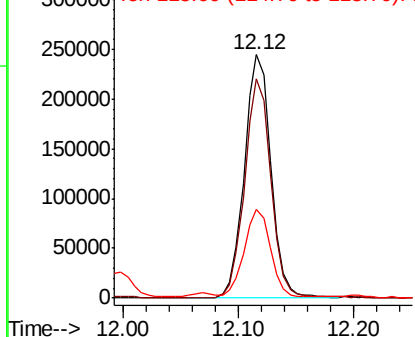


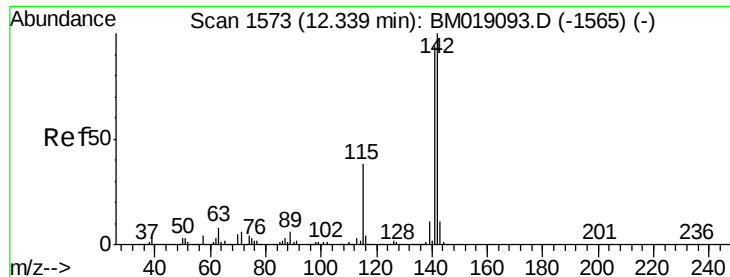
#37
2-Methylnaphthalene
Concen: 10.164 ng
RT: 12.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BM019118.D
Acq: 12 Mar 2019 18:54

Tgt Ion: 142 Resp: 391056
Ion Ratio Lower Upper
142 100
141 89.9 72.3 108.5
115 36.2 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): BM019118.D (-1519) (-)
Ion 141.00 (140.70 to 141.70): BM019118.D (-1519) (-)
Ion 115.00 (114.70 to 115.70): BM019118.D (-1519) (-)

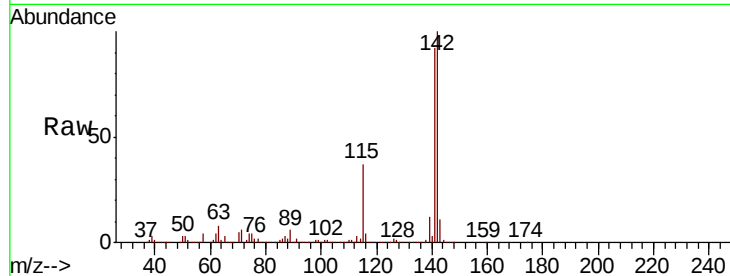




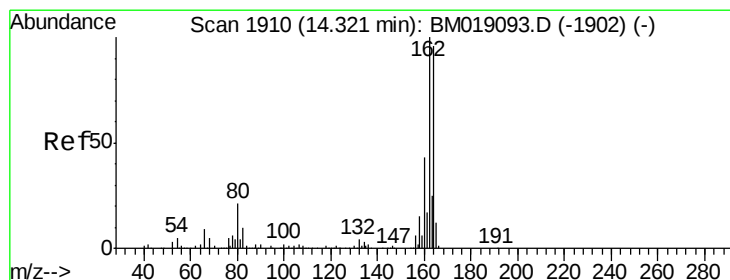
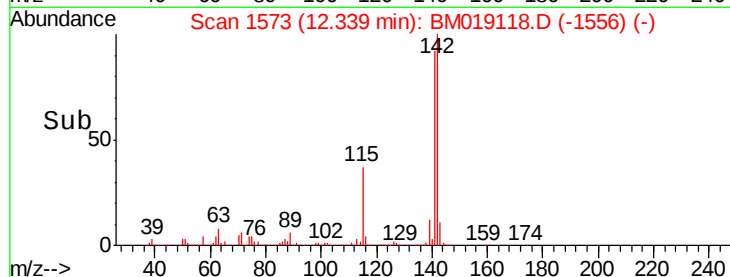
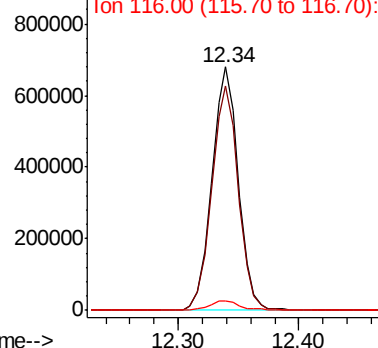
#38
1-Methylnaphthalene
Concen: 27.180 ng
RT: 12.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BM019118.D
Acq: 12 Mar 2019 18:54

Instrument :
BNA_M
ClientSampleId :
PR-MW-02_030819

Tot Ion:142 Resp: 1030714
Ion Ratio Lower Upper
142 100
141 92.3 74.9 112.3
116 4.0 3.2 4.8

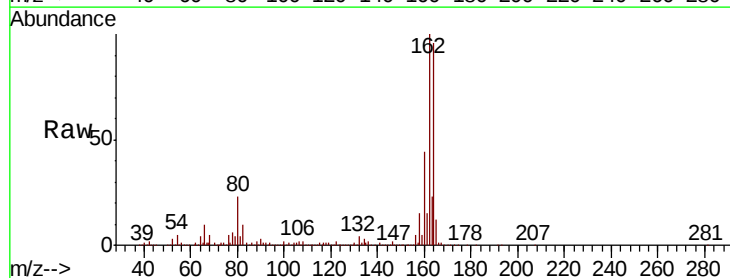


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

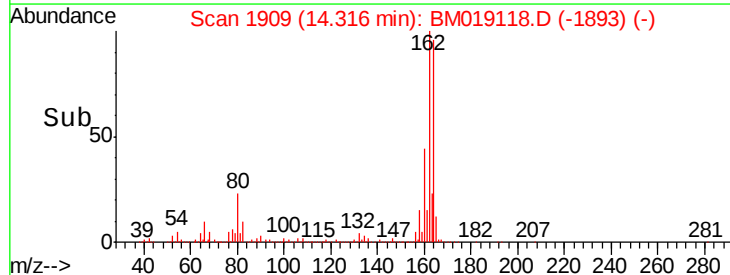
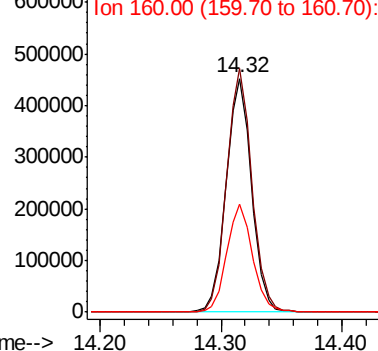


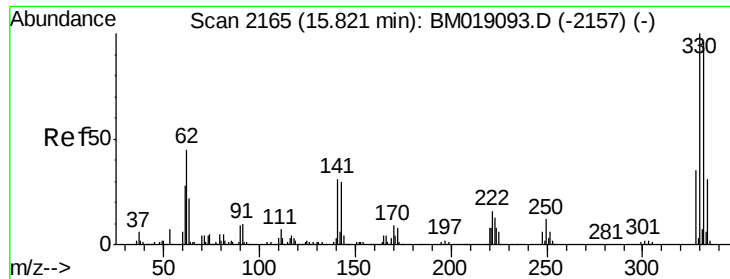
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM019118.D
Acq: 12 Mar 2019 18:54

Tgt Ion:164 Resp: 663412
Ion Ratio Lower Upper
164 100
162 104.1 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: 152.608 ng

RT: 15.82 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BM019118.D

Acq: 12 Mar 2019 18:54

Instrument :

BNA_M

ClientSampleId :

PR-MW-02_030819

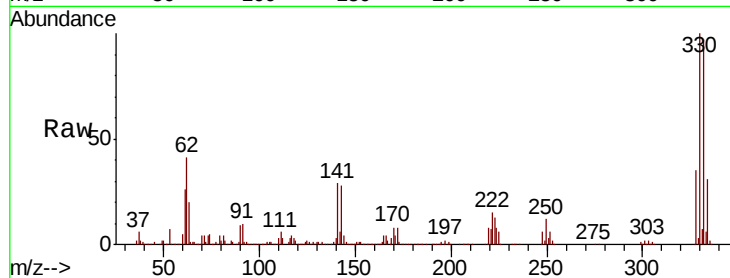
Tot Ion:330 Resp: 1494805

Ion Ratio Lower Upper

330 100

332 97.0 76.8 115.2

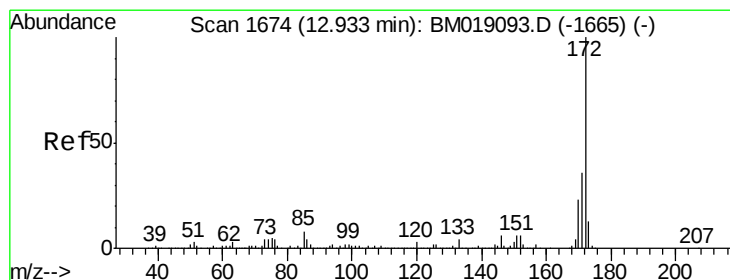
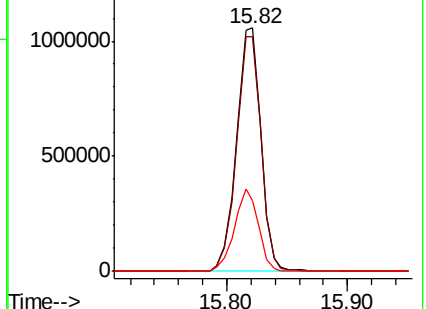
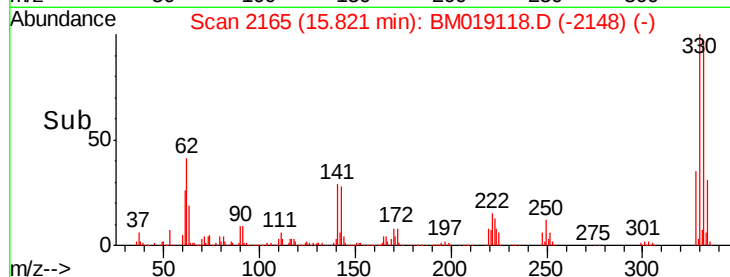
141 33.2 27.0 40.4



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: 89.011 ng

RT: 12.93 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BM019118.D

Acq: 12 Mar 2019 18:54

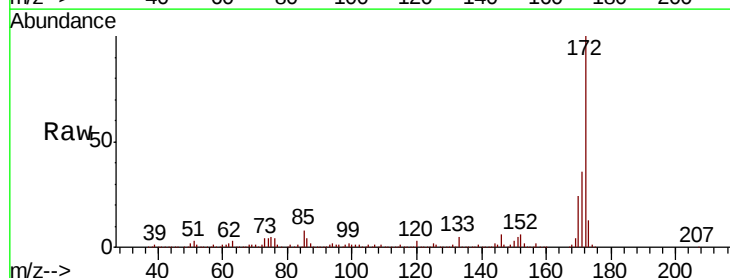
Tgt Ion:172 Resp: 4539744

Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

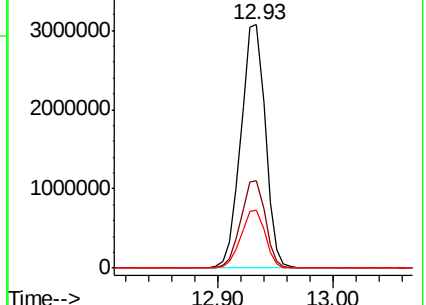
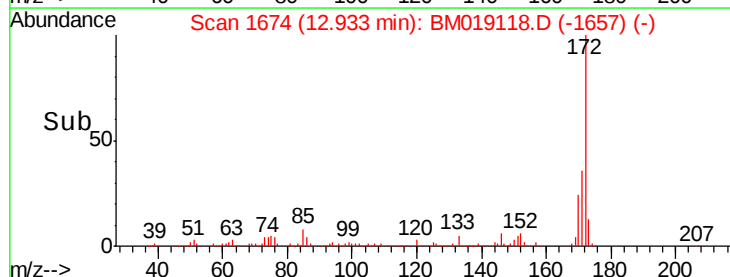
170 23.8 18.6 28.0



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BM019118.D

Acq: 12 Mar 2019 18:54

Instrument :

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ClientSampleId :

PR-MW-02_030819

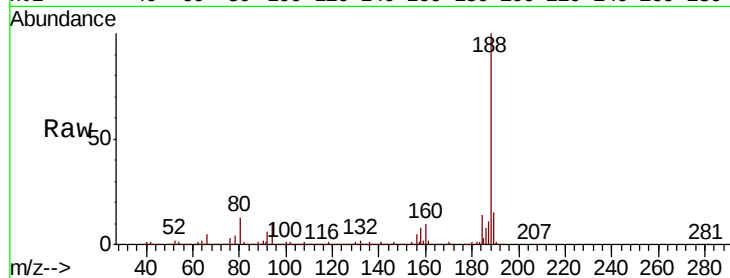
Tot Ion:188 Resp: 1497358

Ion Ratio Lower Upper

188 100

94 10.4 8.1 12.1

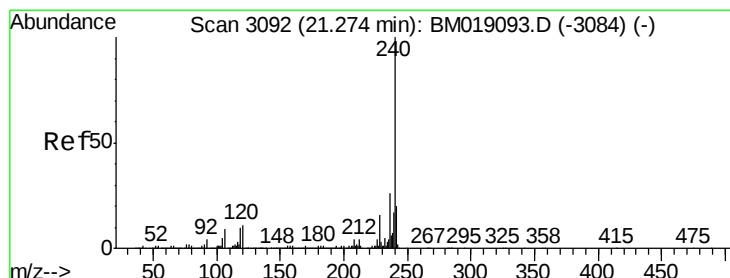
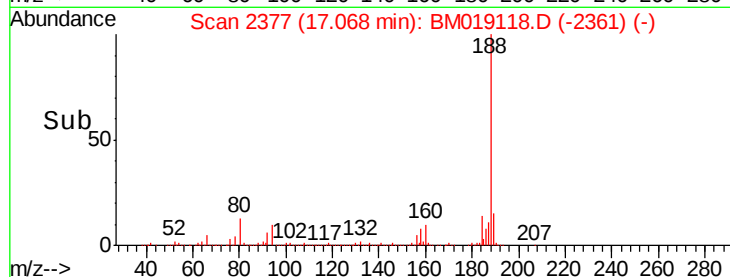
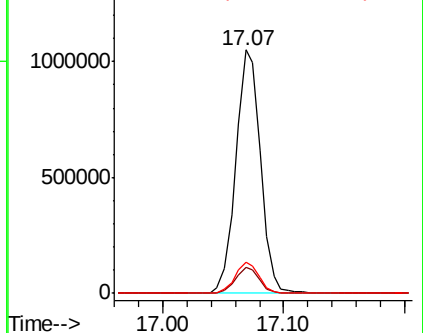
80 12.7 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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: BM019118.D

Acq: 12 Mar 2019 18:54

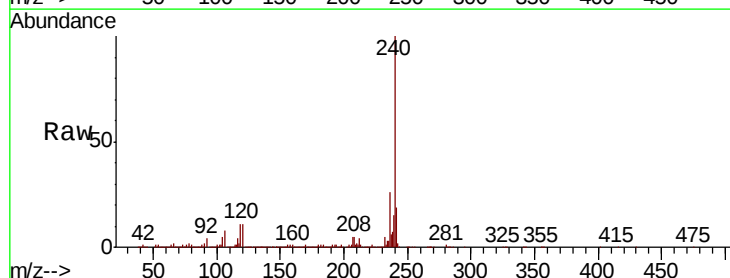
Tgt Ion:240 Resp: 1480669

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

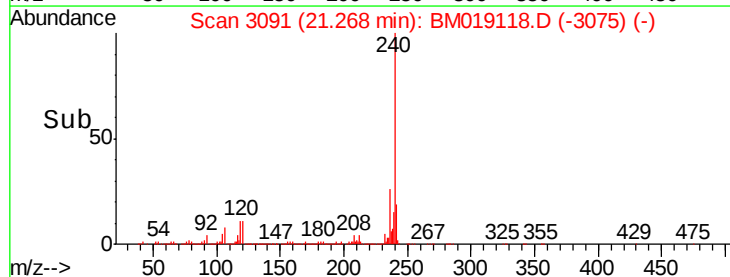
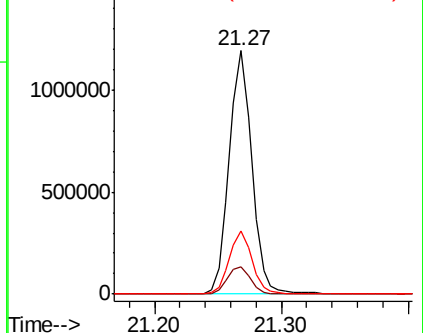
236 25.8 21.0 31.4



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: 107.221 ng

RT: 19.71 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM019118.D

Acq: 12 Mar 2019 18:54

Instrument :

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PR-MW-02_030819

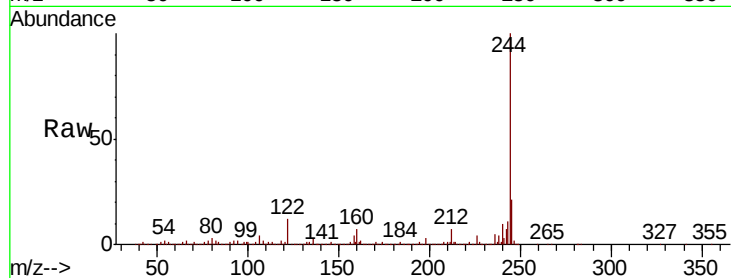
Tot Ion:244 Resp: 7997027

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

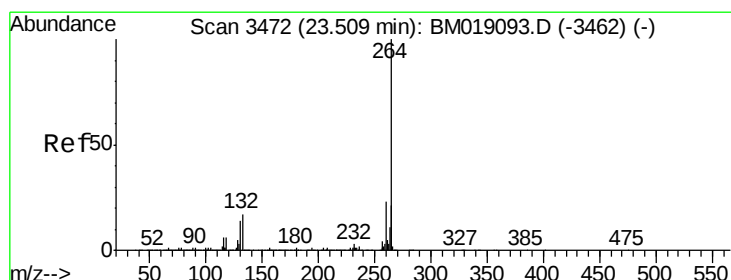
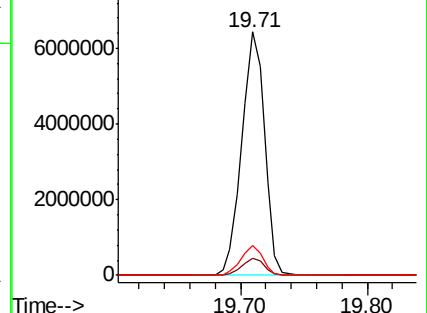
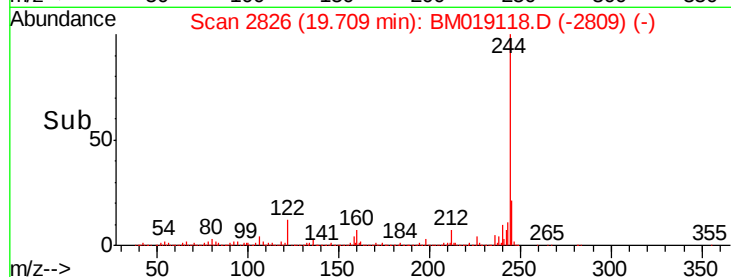
122 12.0 9.4 14.2



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# 3471

Delta R.T. -0.01 min

Lab File: BM019118.D

Acq: 12 Mar 2019 18:54

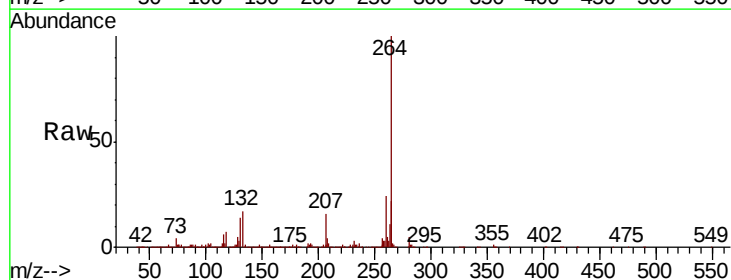
Tgt Ion:264 Resp: 1315939

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 22.1 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

