

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021219\
 Data File : BM018774.D
 Acq On : 12 Feb 2019 15:59
 Operator : JU/SJ
 Sample : PB117038BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BL

Quant Time: Feb 13 01:33:21 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

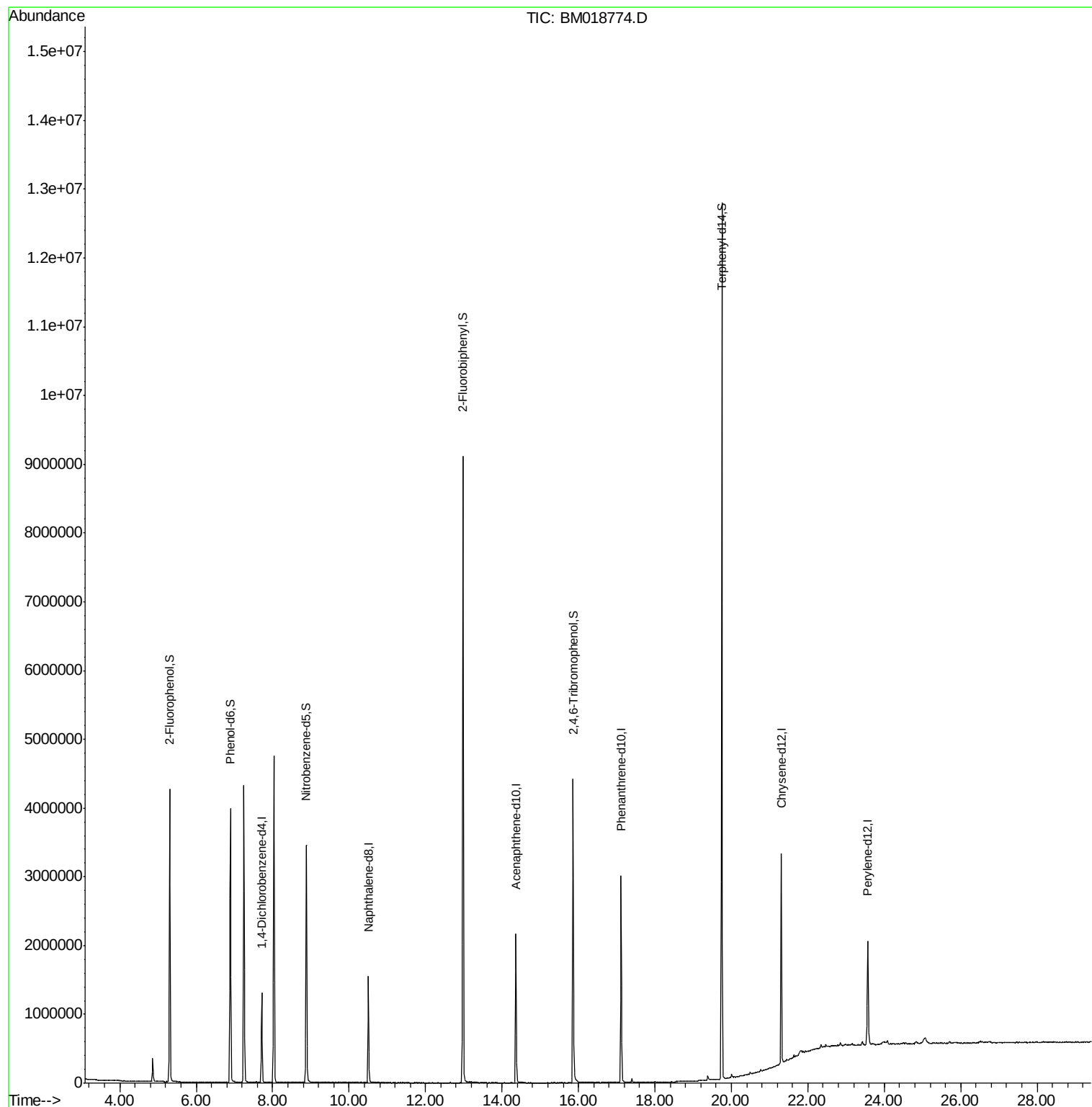
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	326824	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1253299	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	708674	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1650128	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1377735	20.00	ng	0.00
87) Perylene-d12	23.57	264	1075548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1734172	86.94	ng	0.00
7) Phenol-d6	6.89	99	2310365	82.22	ng	0.00
23) Nitrobenzene-d5	8.88	82	2249452	82.99	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	799498	78.26	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4477394	83.87	ng	0.00
79) Terphenyl-d14	19.75	244	5816755	87.09	ng	0.00
Target Compounds						
9) Benzaldehyde	6.89	77	5944	Below Cal	Qvalue #	7

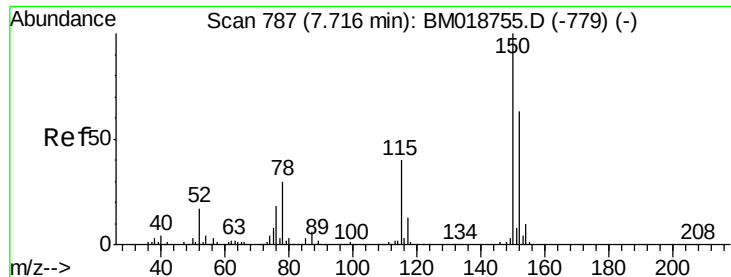
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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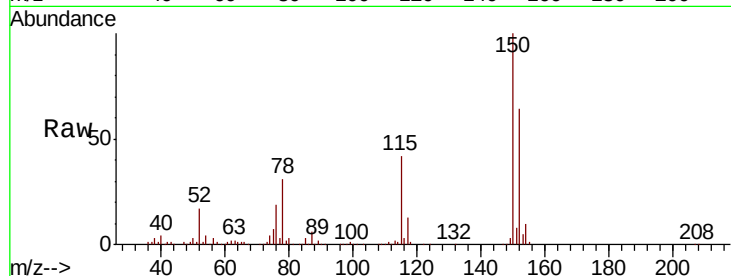


#1

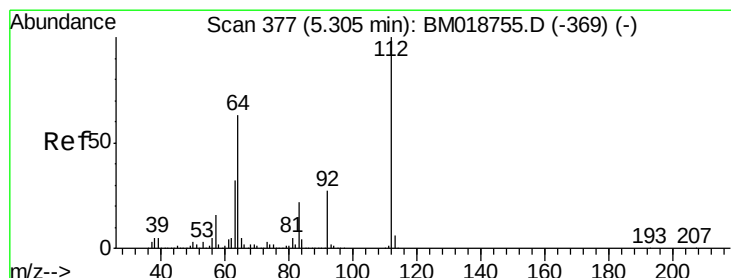
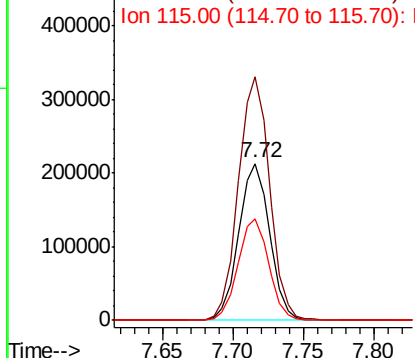
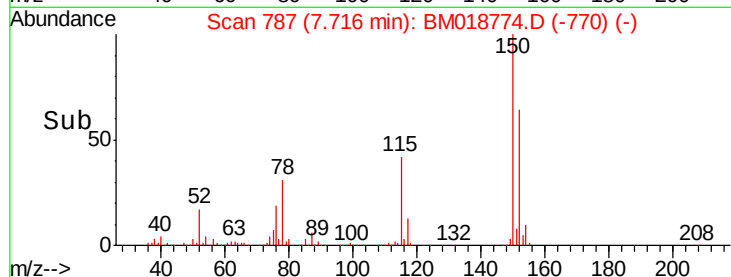
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018774.D
Acq: 12 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB117038BL

Tgt Ion:152 Resp: 326824
Ion Ratio Lower Upper
152 100
150 155.2 127.3 190.9
115 64.9 50.8 76.2



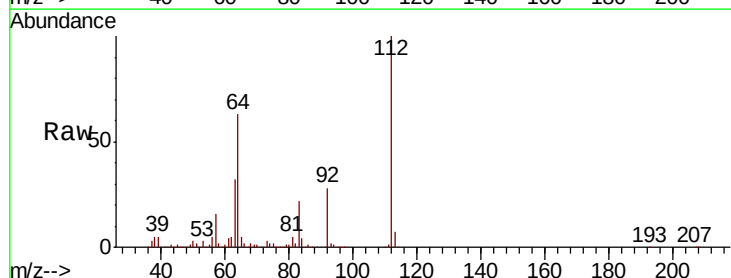
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



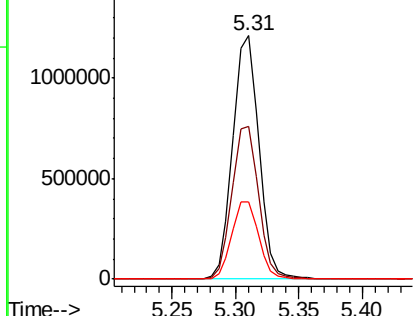
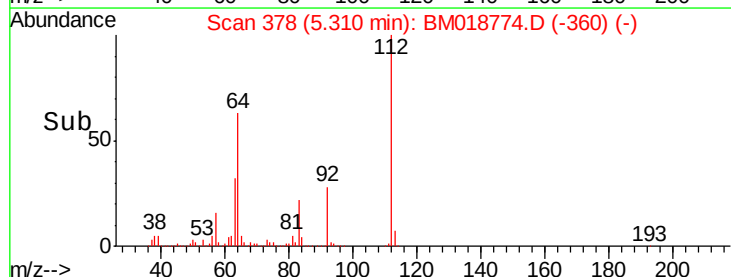
#5

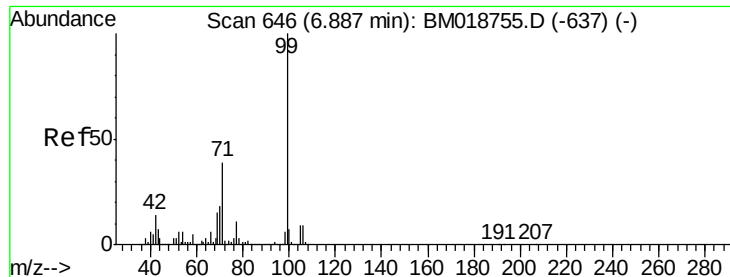
2-Fluorophenol
Concen: 86.940 ng
RT: 5.31 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM018774.D
Acq: 12 Feb 2019 15:59

Tgt Ion:112 Resp: 1734172
Ion Ratio Lower Upper
112 100
64 62.8 50.6 75.8
63 31.9 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: 82.219 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018774.D

Acq: 12 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB117038BL

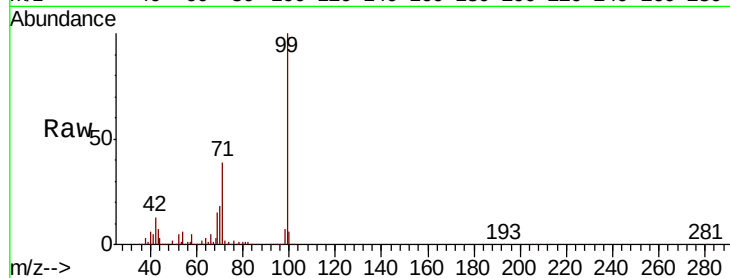
Tgt Ion: 99 Resp: 2310365

Ion Ratio Lower Upper

99 100

42 13.5 11.0 16.6

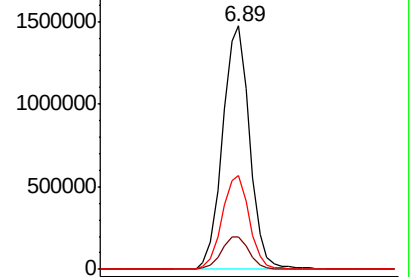
71 38.7 31.3 46.9



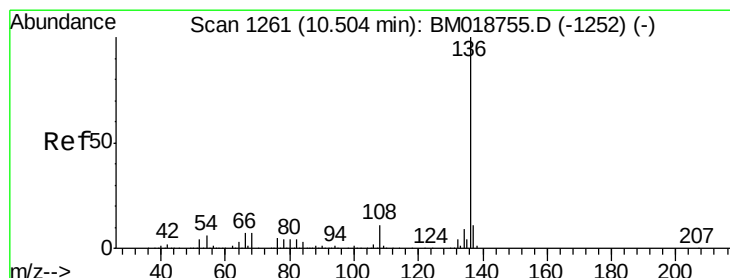
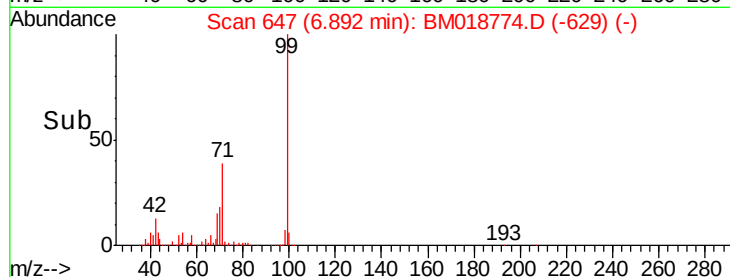
Abundance Ion 99.00 (98.70 to 99.70): BM018774.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018774.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018774.D (-637) (-)



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BM018774.D

Acq: 12 Feb 2019 15:59

Tgt Ion: 136 Resp: 1253299

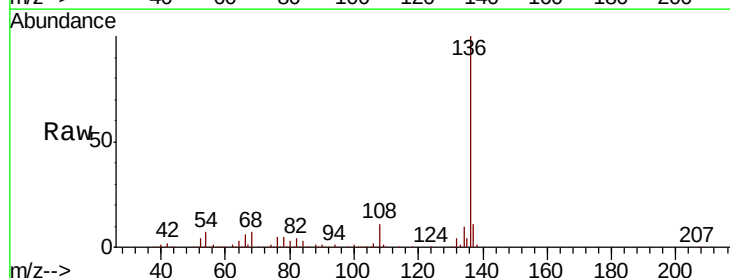
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.6 5.0 7.6

68 7.2 5.5 8.3

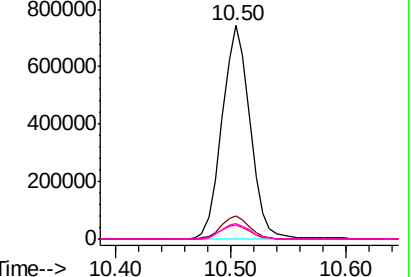


Abundance Ion 136.00 (135.70 to 136.70): BM018774.D (-1244) (-)

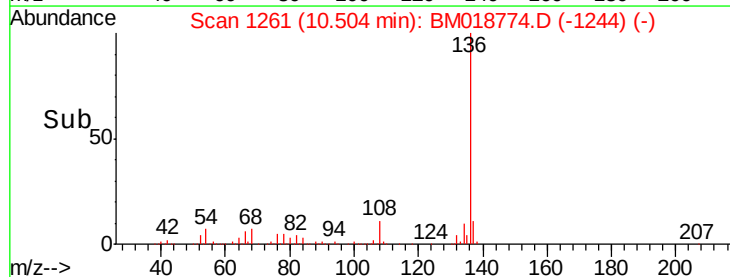
Ion 137.00 (136.70 to 137.70): BM018774.D (-1244) (-)

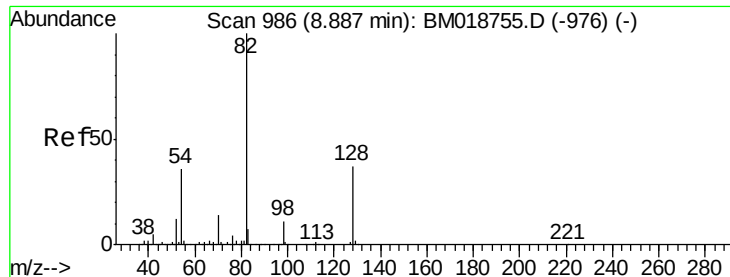
Ion 54.00 (53.70 to 54.70): BM018774.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018774.D (-1244) (-)



Time-->

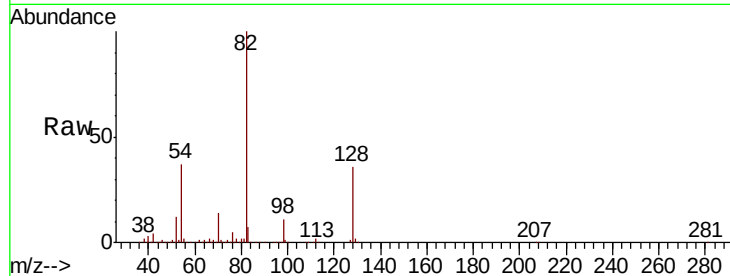




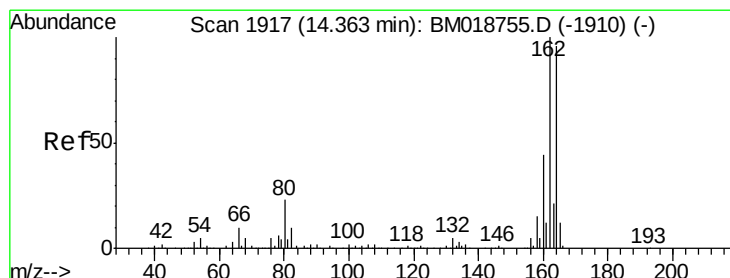
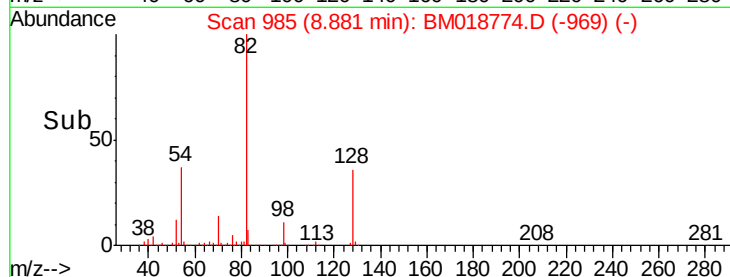
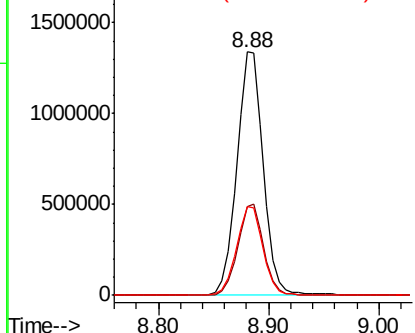
#23
 Nitrobenzene-d5
 Concen: 82.990 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BM018774.D
 Acq: 12 Feb 2019 15:59

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BL

Tgt Ion: 82 Resp: 2249452
 Ion Ratio Lower Upper
 82 100
 128 36.3 29.9 44.9
 54 36.5 29.1 43.7

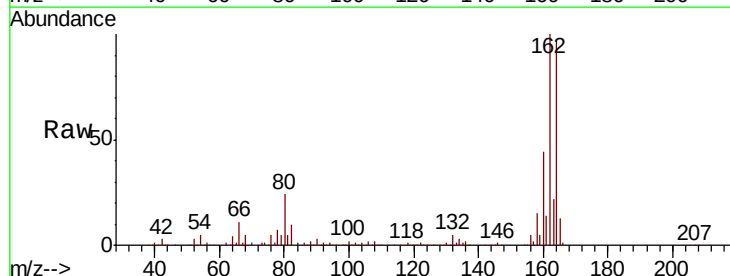


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
 Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
 Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

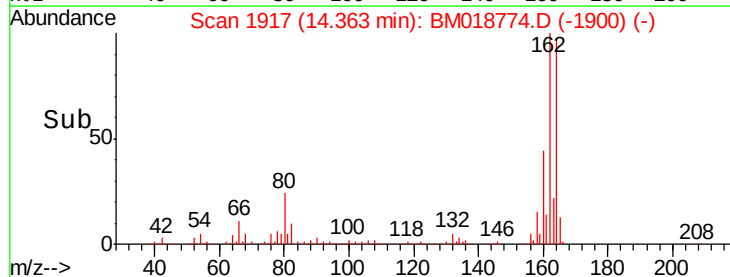
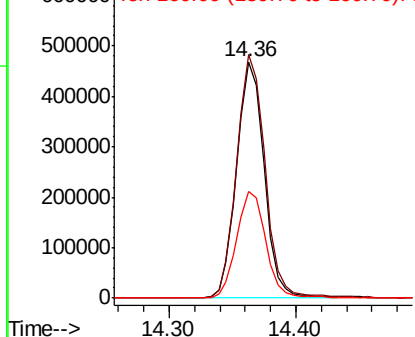


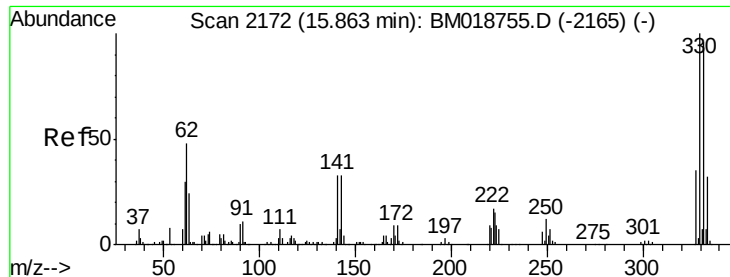
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.36 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: BM018774.D
 Acq: 12 Feb 2019 15:59

Tgt Ion: 164 Resp: 708674
 Ion Ratio Lower Upper
 164 100
 162 103.1 83.4 125.0
 160 45.2 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)
 Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)
 Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)





#42

2,4,6-Tribromophenol

Concen: 78.264 ng

RT: 15.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM018774.D

Acq: 12 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB117038BL

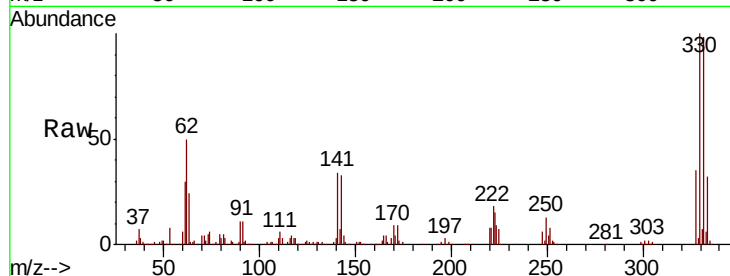
Tgt Ion:330 Resp: 799498

Ion Ratio Lower Upper

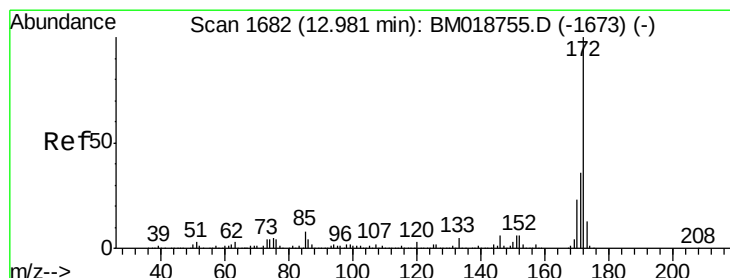
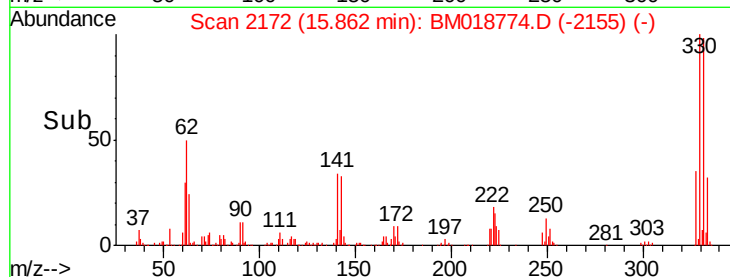
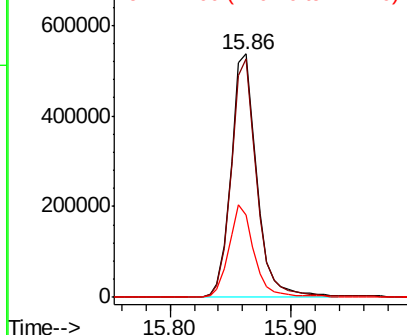
330 100

332 96.7 76.9 115.3

141 37.2 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: 83.870 ng

RT: 12.98 min Scan# 1682

Delta R.T. -0.00 min

Lab File: BM018774.D

Acq: 12 Feb 2019 15:59

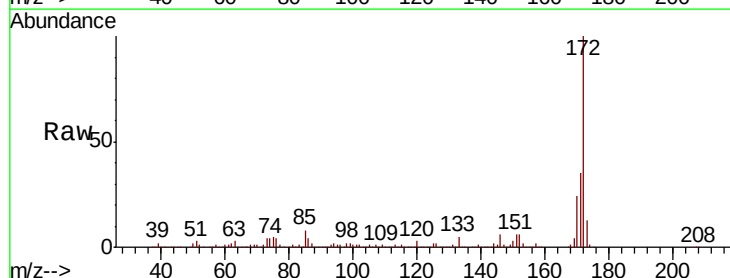
Tgt Ion:172 Resp: 4477394

Ion Ratio Lower Upper

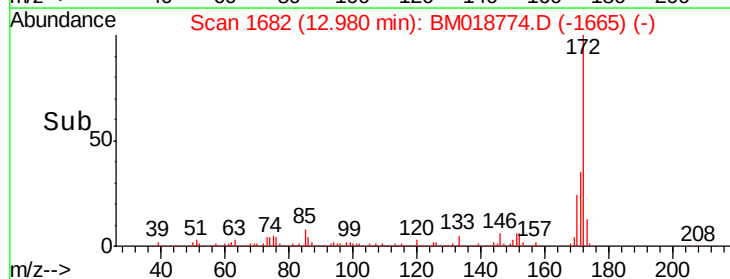
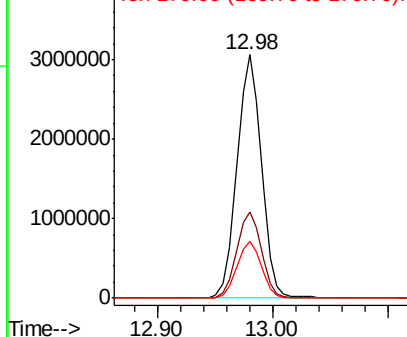
172 100

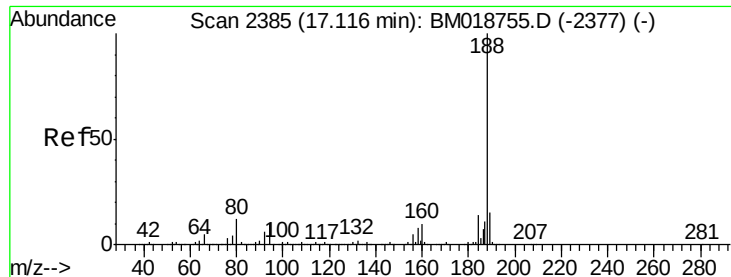
171 35.4 29.0 43.6

170 23.5 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: 17.12 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM018774.D

Acq: 12 Feb 2019 15:59

Instrument :

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ClientSampleId :

PB117038BL

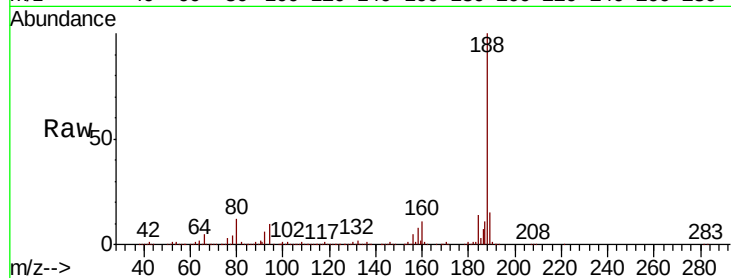
Tgt Ion:188 Resp: 1650128

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.2

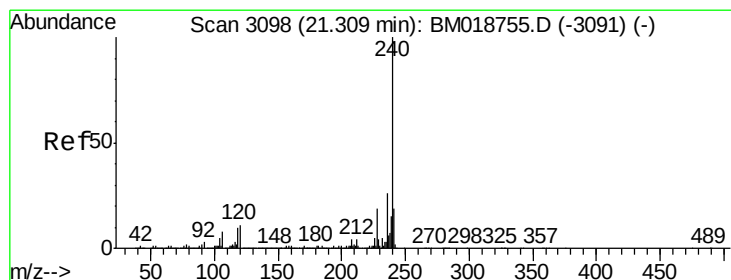
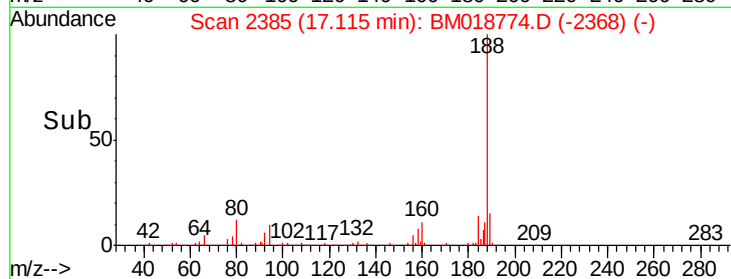
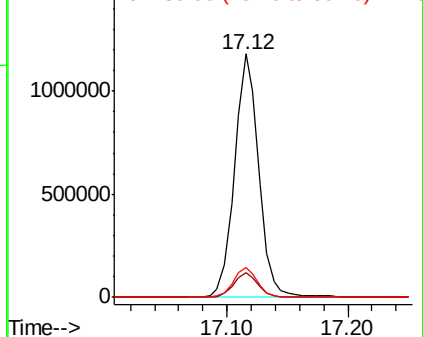
80 12.3 9.7 14.5



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: 21.31 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM018774.D

Acq: 12 Feb 2019 15:59

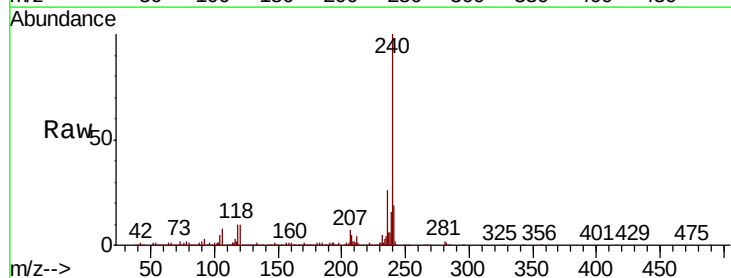
Tgt Ion:240 Resp: 1377735

Ion Ratio Lower Upper

240 100

120 10.1 8.9 13.3

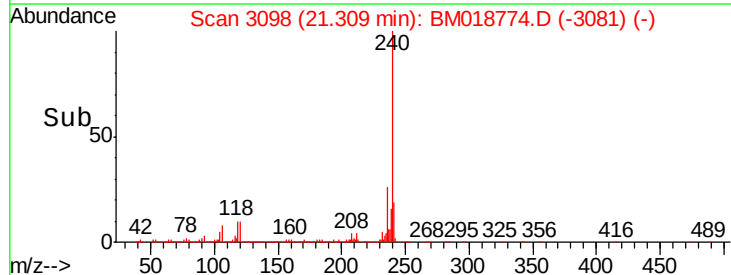
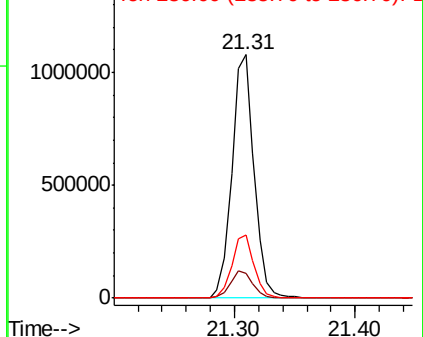
236 26.0 20.9 31.3

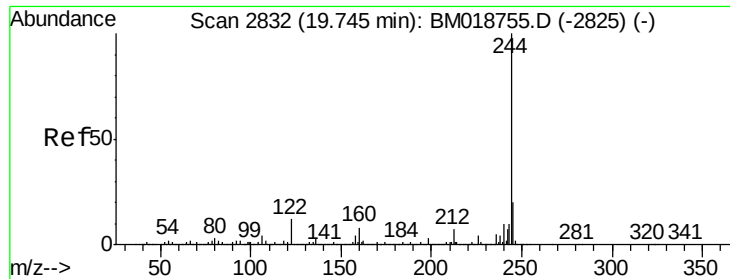


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.095 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018774.D

Acq: 12 Feb 2019 15:59

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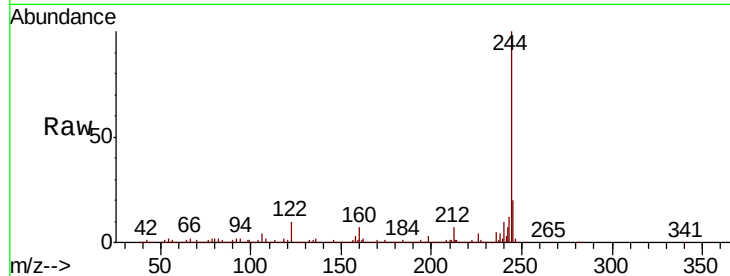
Tgt Ion:244 Resp: 5816755

Ion Ratio Lower Upper

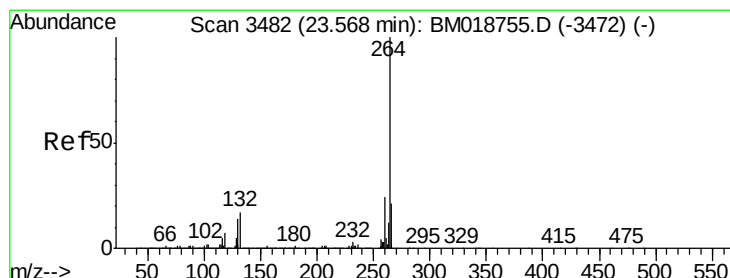
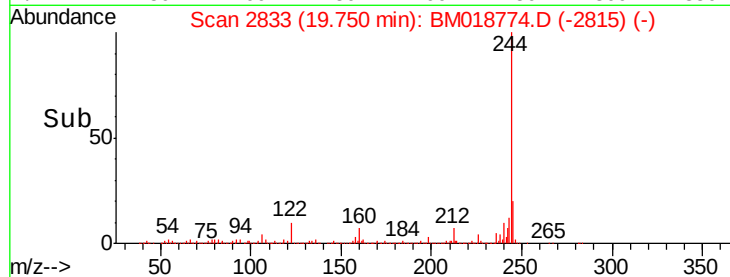
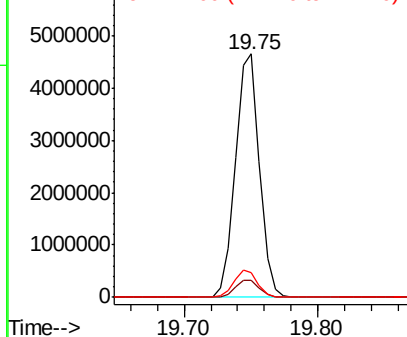
244 100

212 7.0 5.6 8.4

122 10.1 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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.57 min Scan# 3482

Delta R.T. -0.00 min

Lab File: BM018774.D

Acq: 12 Feb 2019 15:59

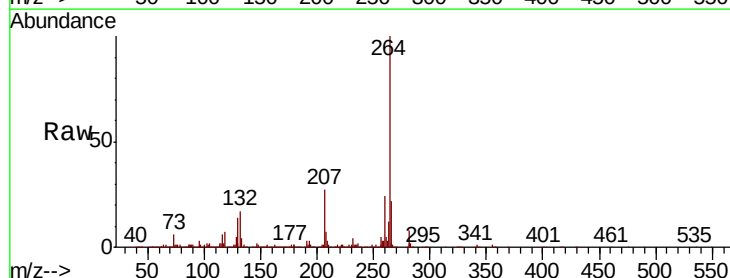
Tgt Ion:264 Resp: 1075548

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 22.0 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

