

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021319\
 Data File : BM018815.D
 Acq On : 13 Feb 2019 23:15
 Operator : JU/SJ
 Sample : K1457-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQUID-03

Quant Time: Feb 14 01:25:19 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	7.71	152	320488	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1273636	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	709766	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1632843	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1627327	20.00	ng	0.00
87) Perylene-d12	23.56	264	1474465	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2654057	135.69	ng	0.00
7) Phenol-d6	6.89	99	3339278	121.18	ng	0.00
23) Nitrobenzene-d5	8.88	82	2667433	96.84	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1542571	150.77	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	5223517	97.70	ng	0.00
79) Terphenyl-d14	19.74	244	8536354	108.21	ng	0.00

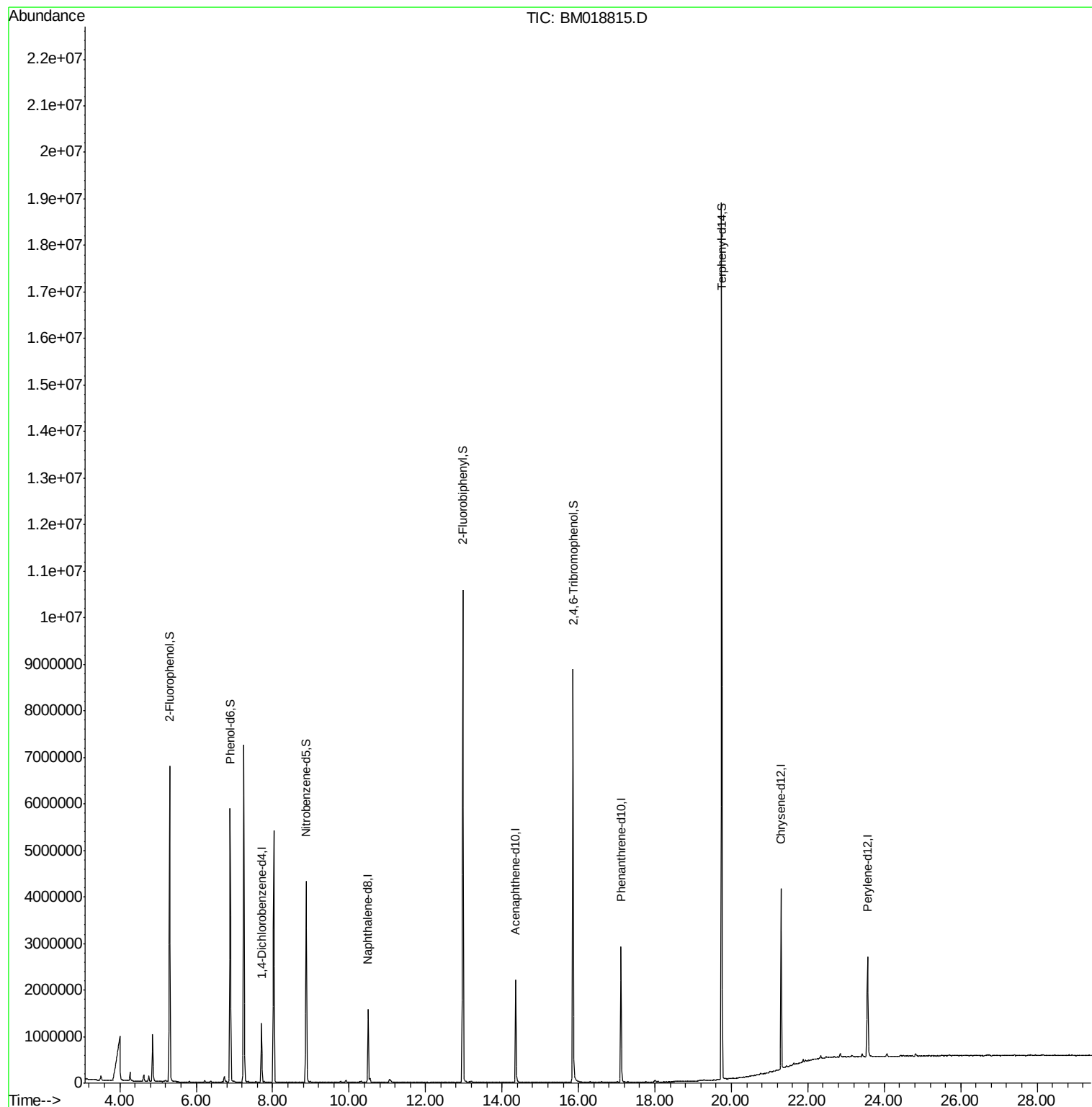
Target Compounds Qvalue

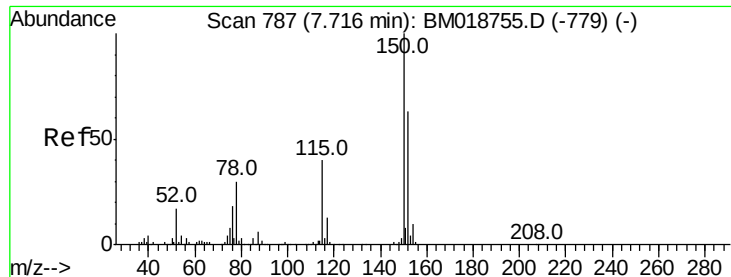
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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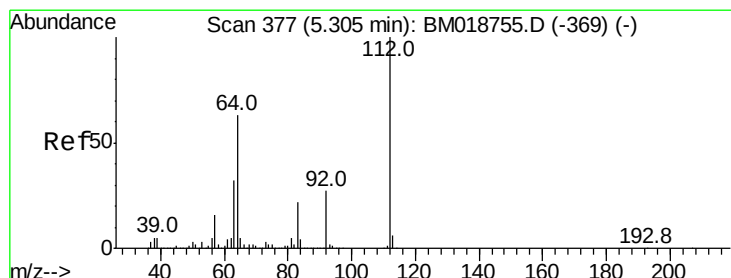
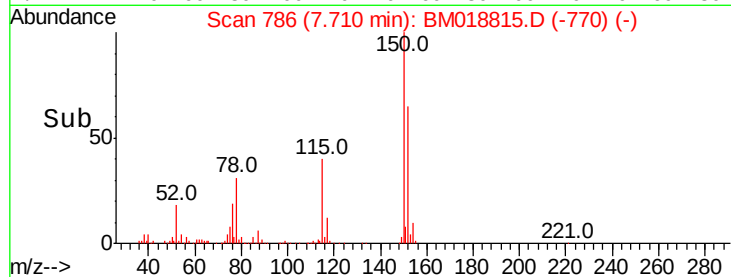
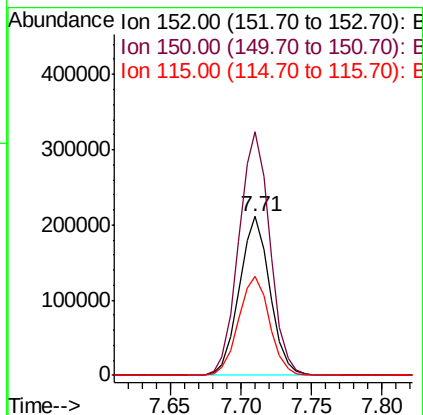
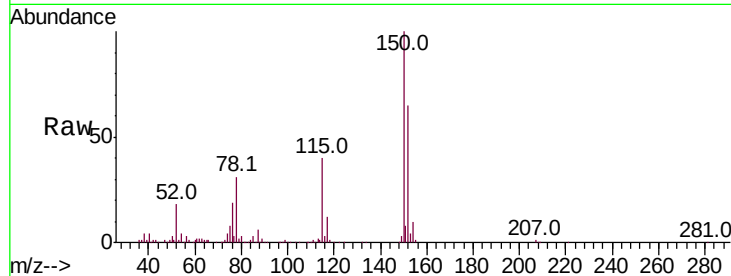


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018815.D
Acq: 13 Feb 2019 23:15

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-03

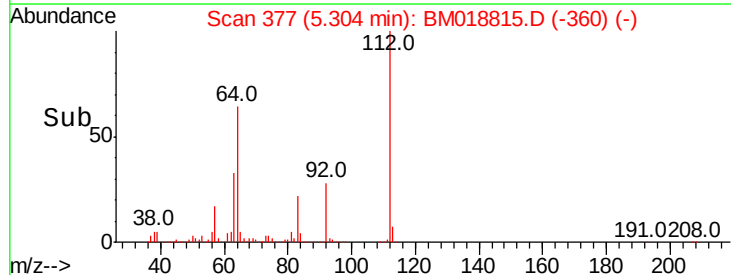
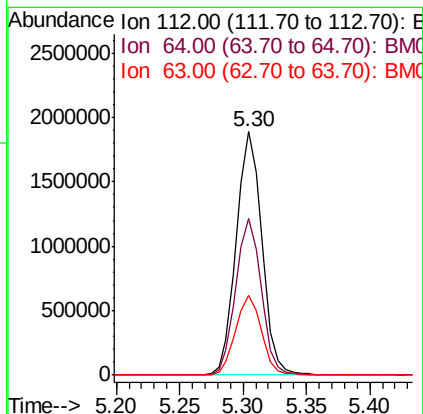
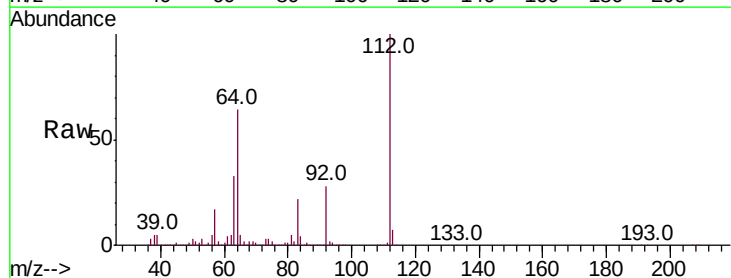
Tot Ion:152 Resp: 320488
Ion Ratio Lower Upper
152 100
150 153.1 127.3 190.9
115 61.9 50.8 76.2

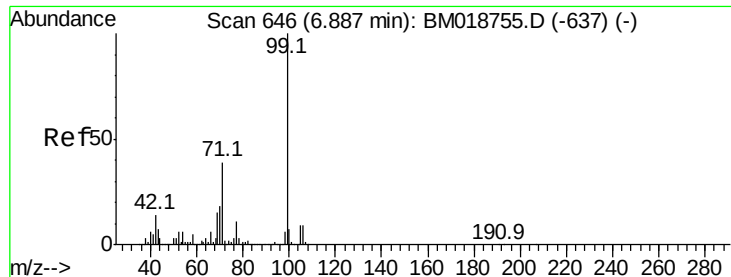


#5

2-Fluorophenol
Concen: 135.687 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018815.D
Acq: 13 Feb 2019 23:15

Tgt Ion:112 Resp: 2654057
Ion Ratio Lower Upper
112 100
64 64.1 50.6 75.8
63 33.0 25.7 38.5





#7

Phenol-d6

Concen: 121.184 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018815.D

Acq: 13 Feb 2019 23:15

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-03

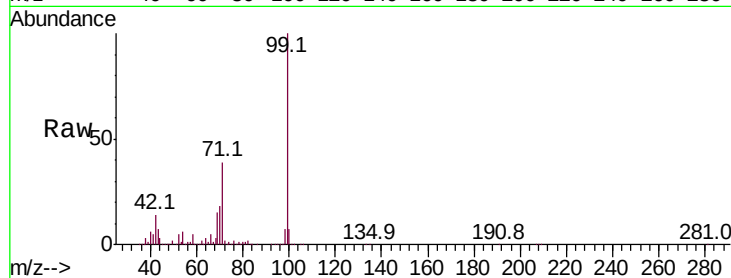
Tot Ion: 99 Resp: 3339278

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

71 39.2 31.3 46.9

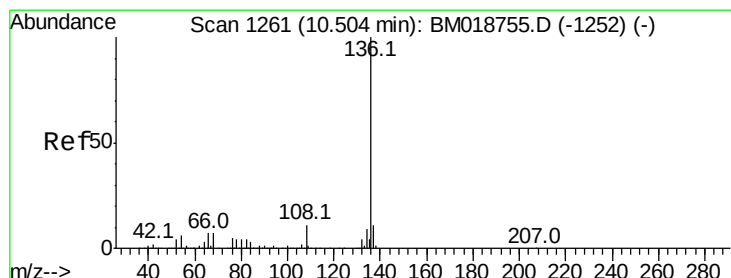
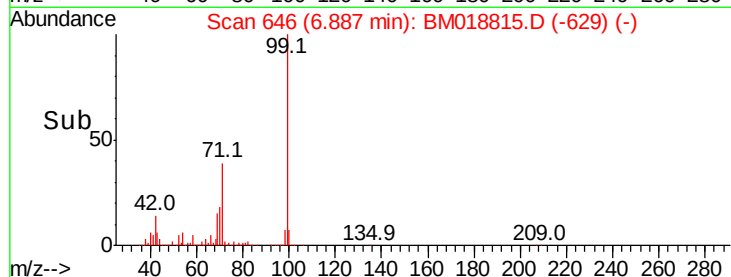
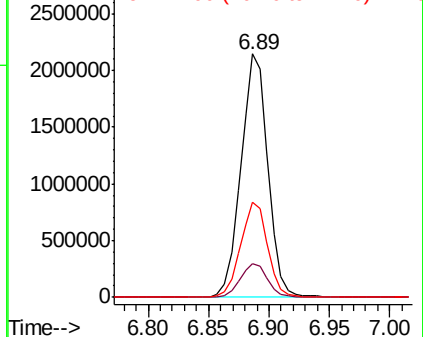


Abundance

Ion 99.00 (98.70 to 99.70): BM018815.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018815.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018815.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BM018815.D

Acq: 13 Feb 2019 23:15

Tgt Ion: 136 Resp: 1273636

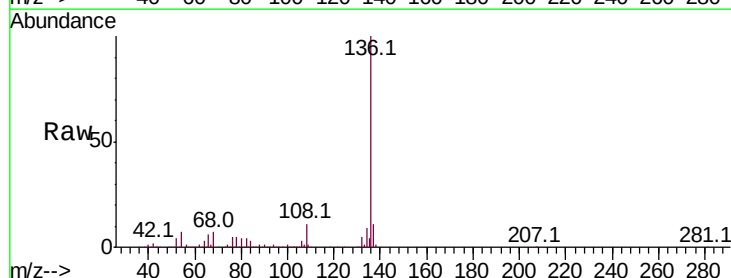
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.8 5.0 7.6

68 7.1 5.5 8.3



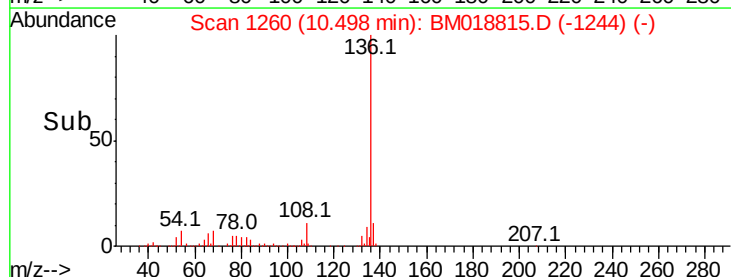
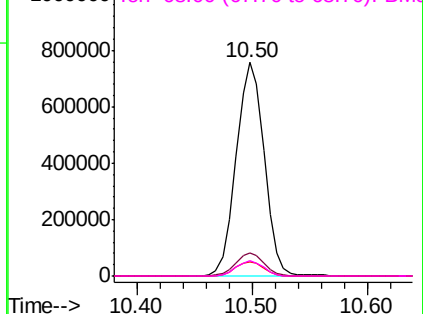
Abundance

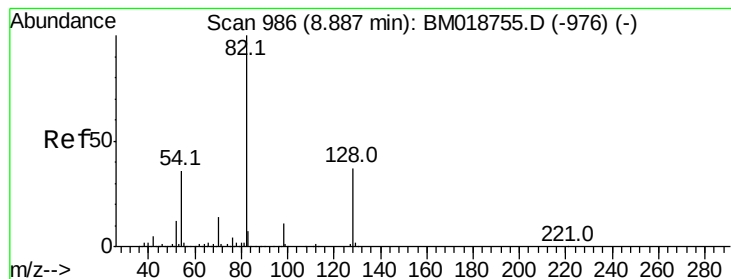
Ion 136.00 (135.70 to 136.70): BM018815.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM018815.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018815.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018815.D (-1244) (-)





#23

Nitrobenzene-d5

Concen: 96.840 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM018815.D

Acq: 13 Feb 2019 23:15

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-03

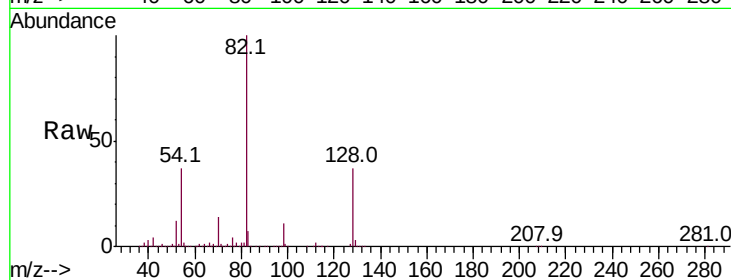
Tot Ion: 82 Resp: 2667433

Ion Ratio Lower Upper

82 100

128 37.3 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) (-)

8.88

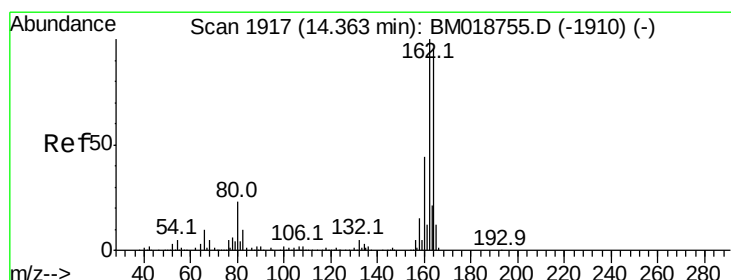
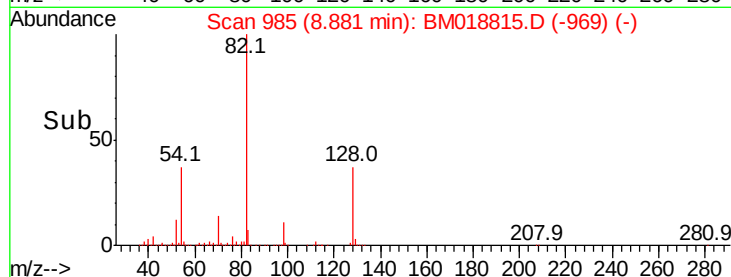
1500000

1000000

500000

0

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM018815.D

Acq: 13 Feb 2019 23:15

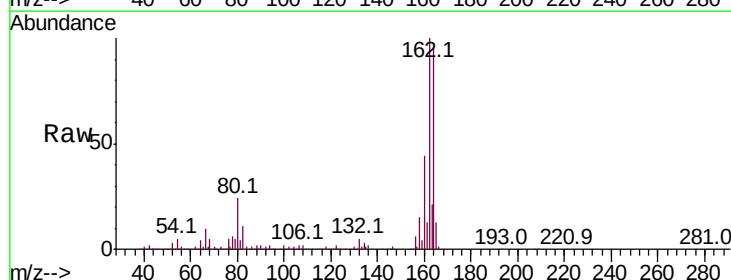
Tgt Ion:164 Resp: 709766

Ion Ratio Lower Upper

164 100

162 104.8 83.4 125.0

160 45.7 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) (-)

14.36

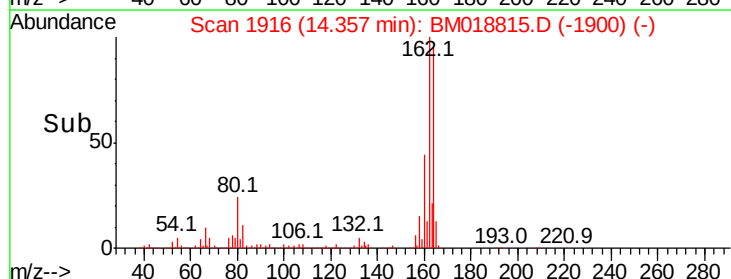
600000

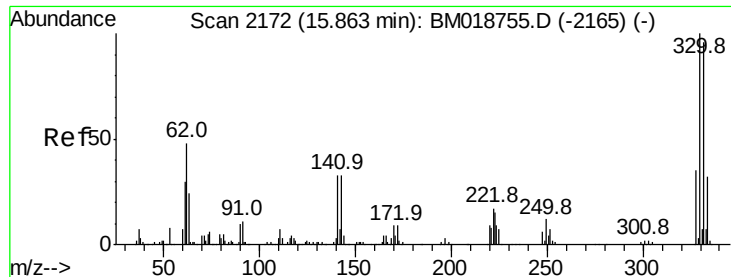
400000

200000

0

Time-->

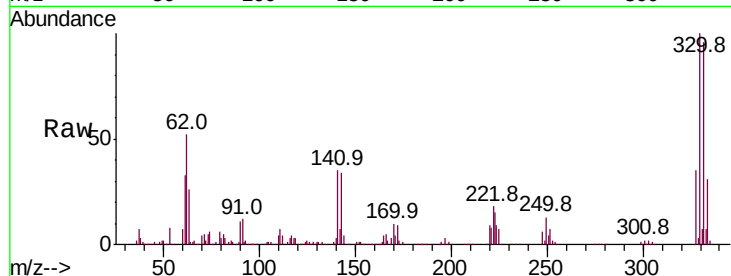




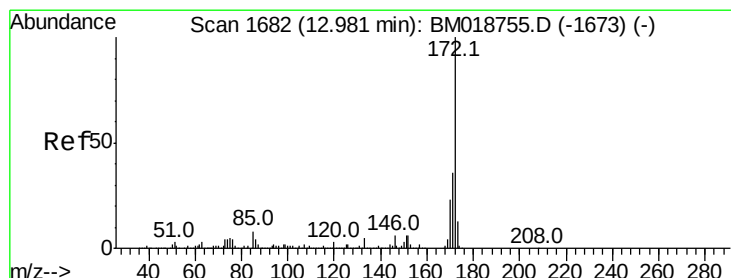
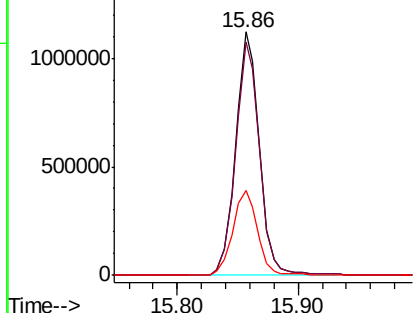
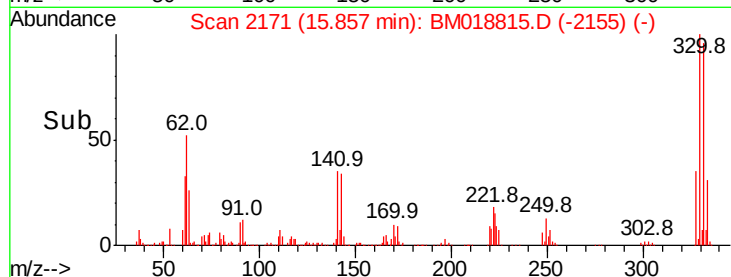
#42
 2,4,6-Tribromophenol
 Concen: 150.773 ng
 RT: 15.86 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM018815.D
 Acq: 13 Feb 2019 23:15

Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQUID-03

Tot Ion:330 Resp: 1542571
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.9 115.3
 141 36.2 28.7 43.1

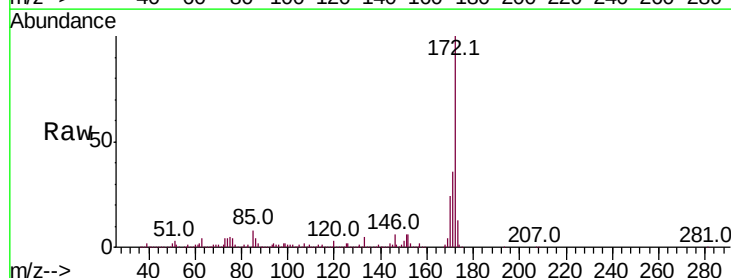


Abundance Ion 329.80 (329.50 to 330.50): E
 1500000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

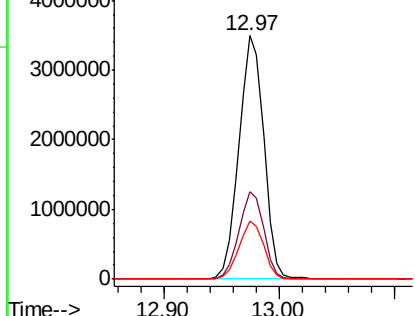
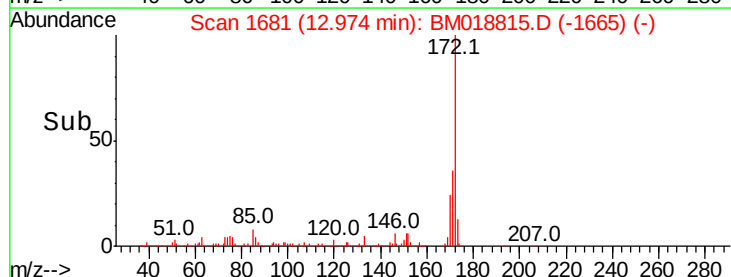


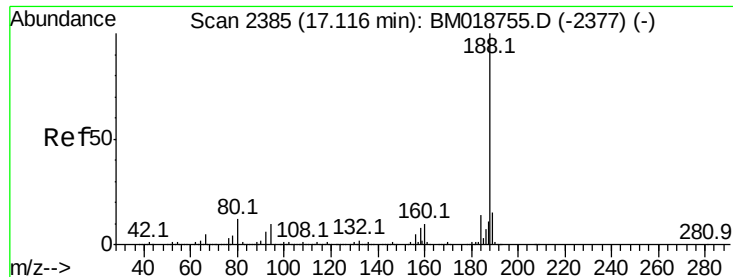
#45
 2-Fluorobiphenyl
 Concen: 97.695 ng
 RT: 12.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BM018815.D
 Acq: 13 Feb 2019 23:15

Tgt Ion:172 Resp: 5223517
 Ion Ratio Lower Upper
 172 100
 171 36.1 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

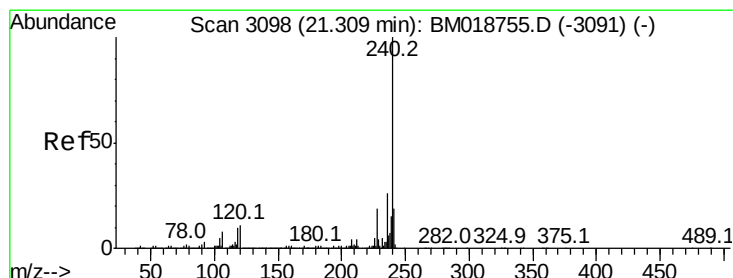
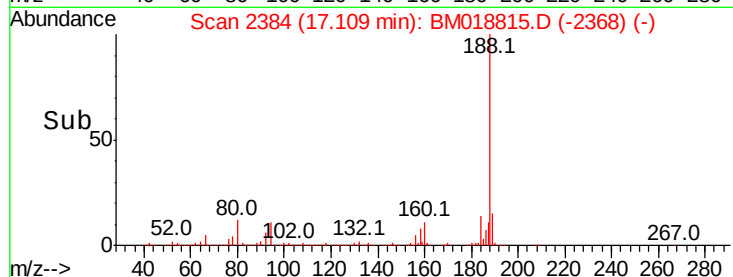
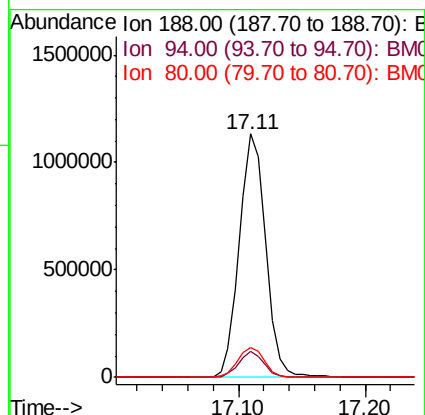
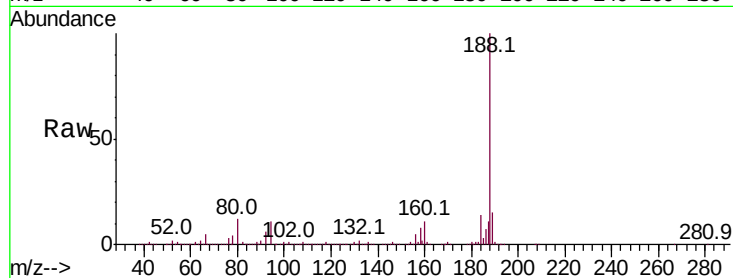




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018815.D
Acq: 13 Feb 2019 23:15

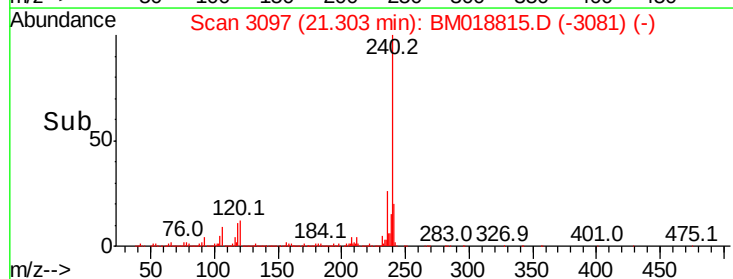
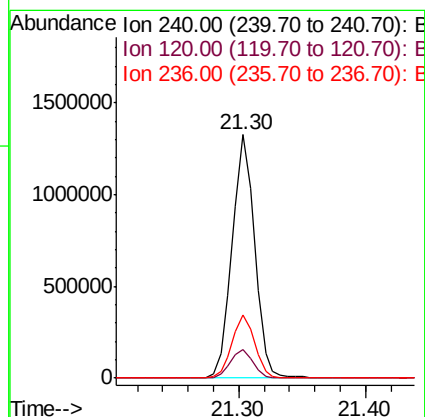
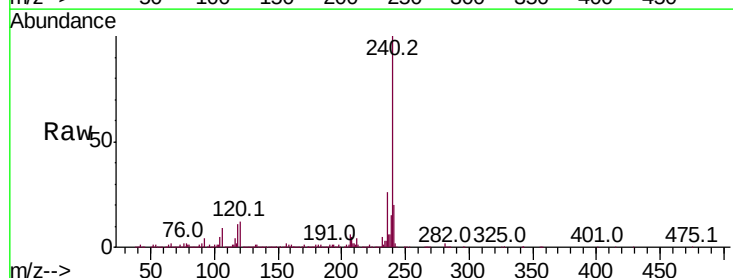
Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-03

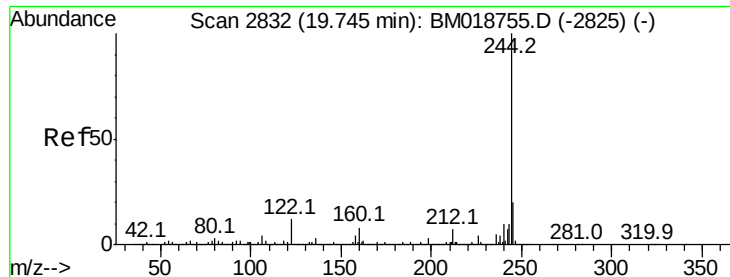
Tot Ion:188 Resp: 1632843
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.2
80 12.4 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018815.D
Acq: 13 Feb 2019 23:15

Tgt Ion:240 Resp: 1627327
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 108.212 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018815.D

Acq: 13 Feb 2019 23:15

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-03

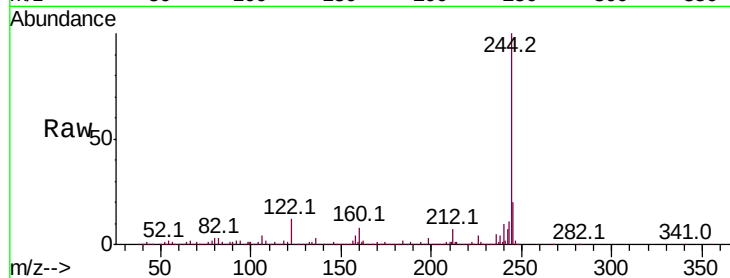
Tot Ion:244 Resp: 8536354

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

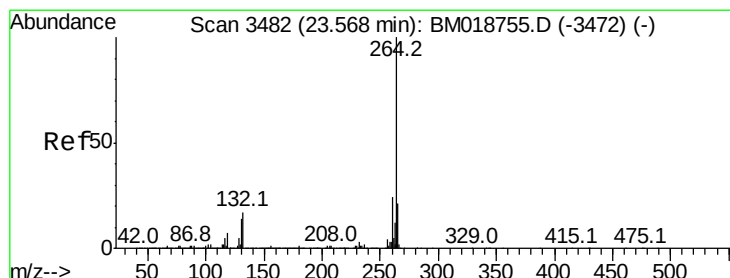
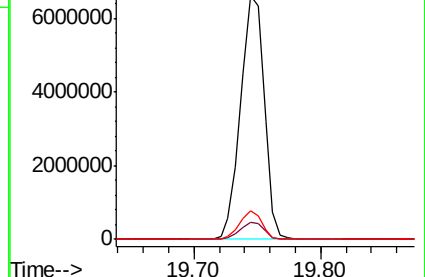
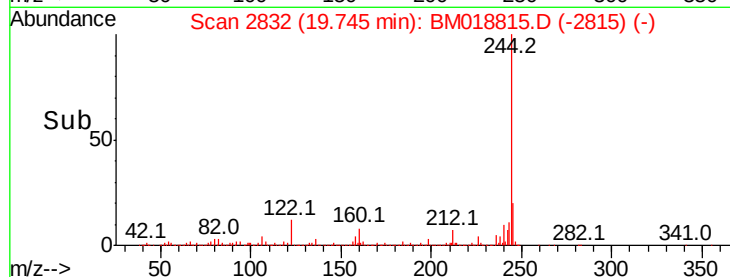
122 11.9 9.3 13.9



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: 23.56 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BM018815.D

Acq: 13 Feb 2019 23:15

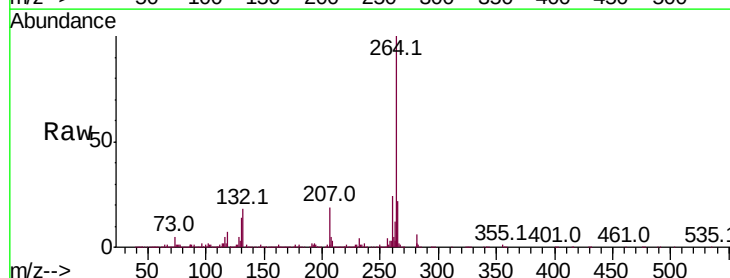
Tgt Ion:264 Resp: 1474465

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 21.8 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

