

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021319\
 Data File : BM018807.D
 Acq On : 13 Feb 2019 18:21
 Operator : JU/SJ
 Sample : K1343-28
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-021119-N

Quant Time: Feb 14 01:10:08 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	300402	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1179795	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	645258	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1468930	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1522009	20.00	ng	0.00
87) Perylene-d12	23.56	264	1407362	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2967677	161.87	ng	0.00
7) Phenol-d6	6.89	99	3708794	143.59	ng	0.00
23) Nitrobenzene-d5	8.88	82	2844341	111.48	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1543030	165.90	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	5396977	111.03	ng	0.00
79) Terphenyl-d14	19.75	244	8848098	119.93	ng	0.00

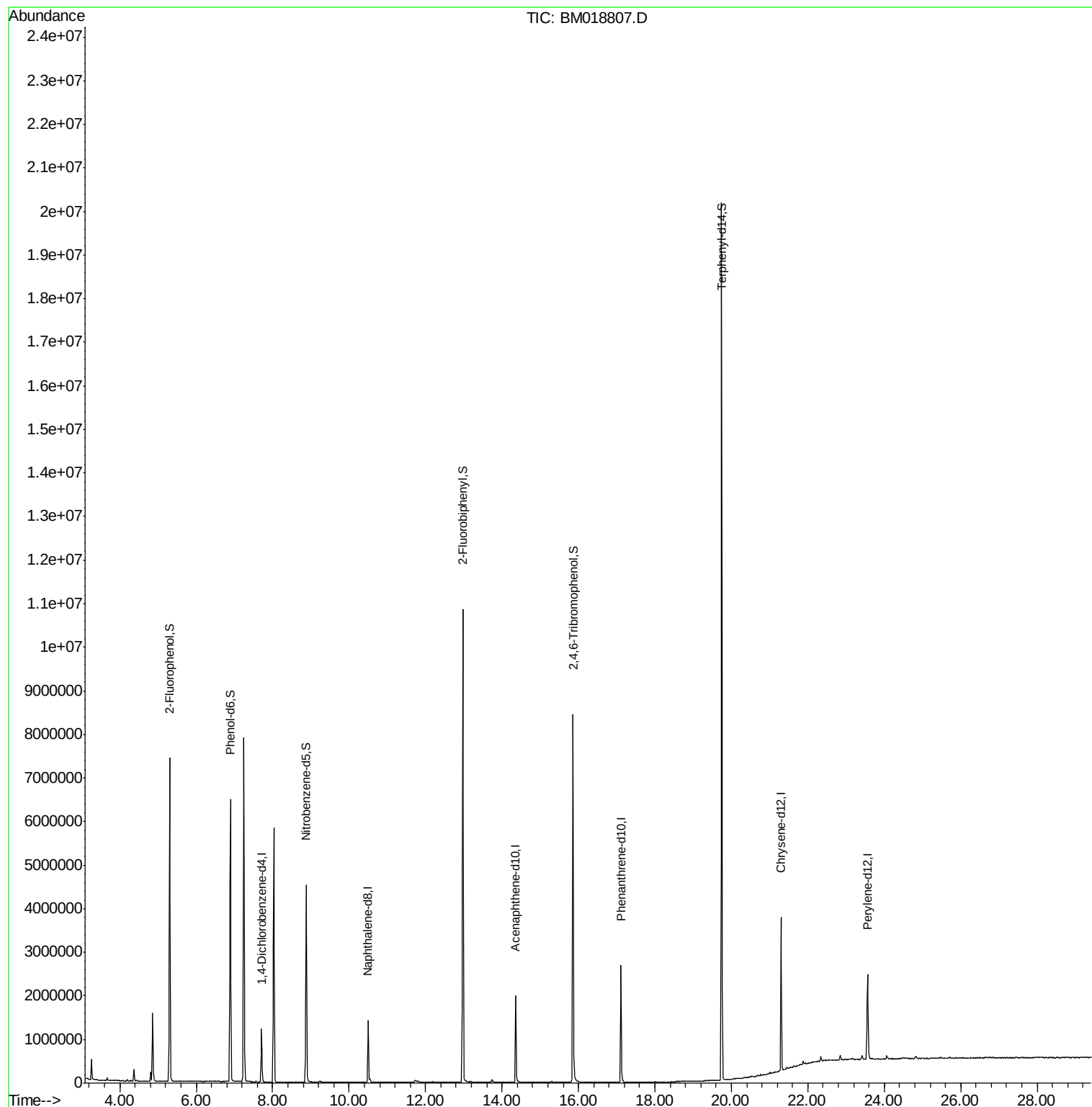
Target Compounds Qvalue

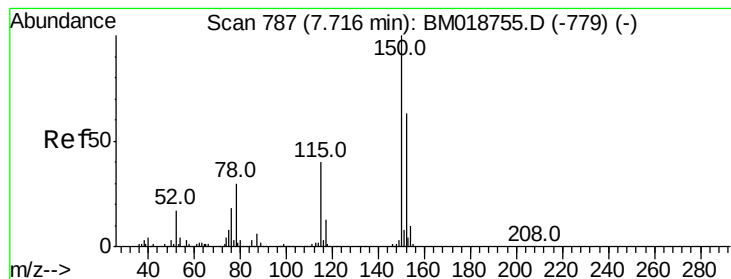
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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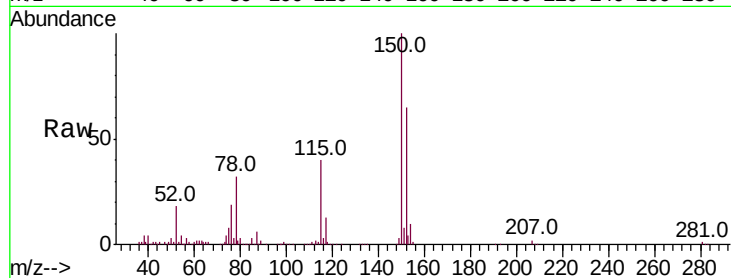


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018807.D
Acq: 13 Feb 2019 18:21

Instrument :
BNA_M
ClientSampleId :
JC-02-021119-N

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	127.3	190.9
115	62.6	50.8	76.2

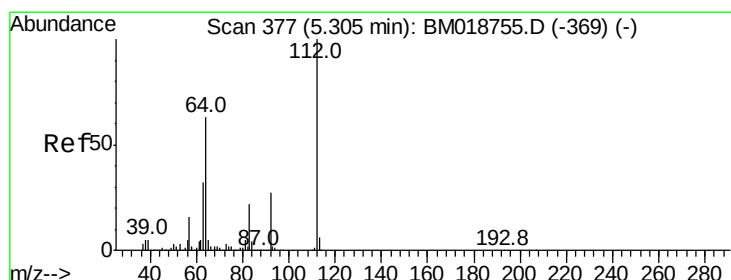
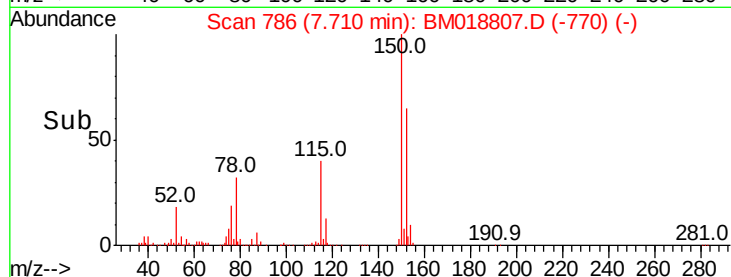
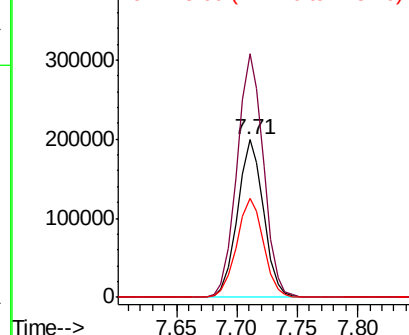


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

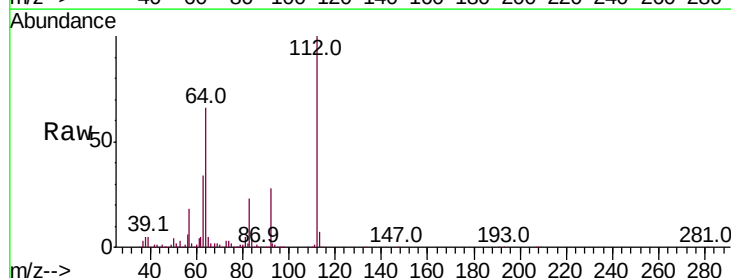
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 161.865 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM018807.D
Acq: 13 Feb 2019 18:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	50.6	75.8
63	33.7	25.7	38.5

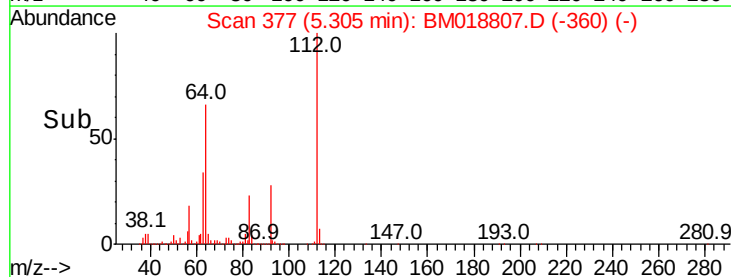
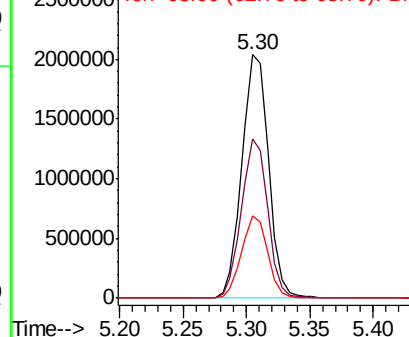


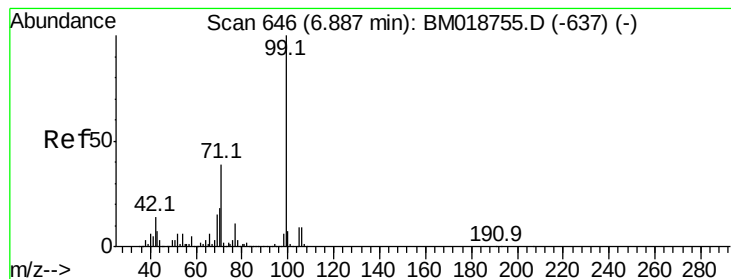
Abundance

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: 143.593 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-N

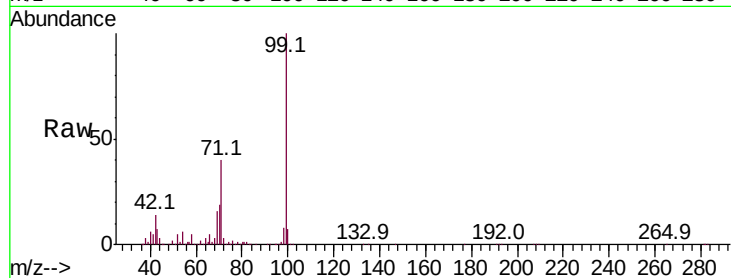
Tot Ion: 99 Resp: 3708794

Ion Ratio Lower Upper

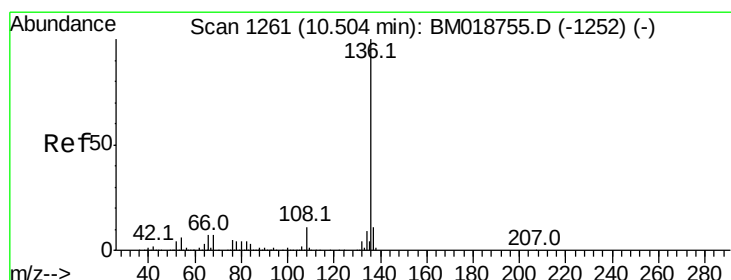
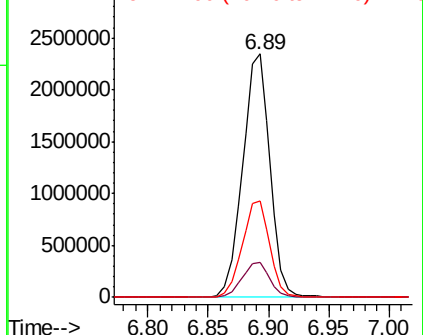
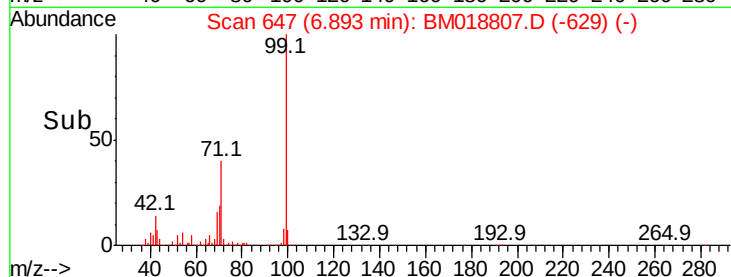
99 100

42 14.1 11.0 16.6

71 39.6 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018807.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

Tgt Ion: 136 Resp: 1179795

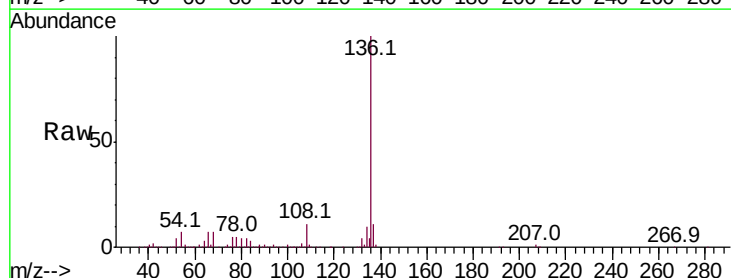
Ion Ratio Lower Upper

136 100

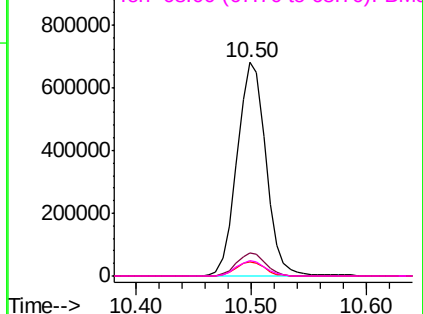
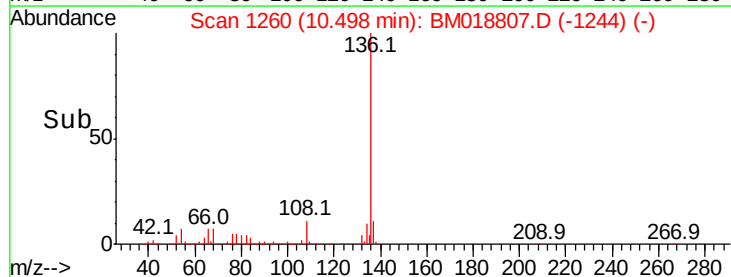
137 11.0 8.8 13.2

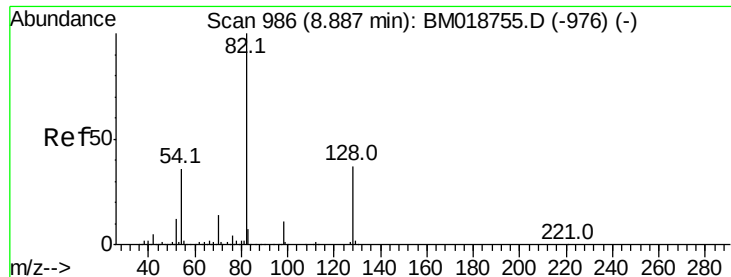
54 6.7 5.0 7.6

68 7.1 5.5 8.3



Abundance Ion 136.00 (135.70 to 136.70): BM018807.D (-1244) (-)





#23

Nitrobenzene-d5

Concen: 111.476 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-N

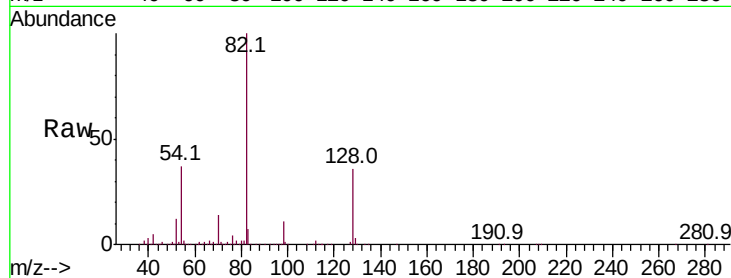
Tot Ion: 82 Resp: 2844341

Ion Ratio Lower Upper

82 100

128 36.4 29.9 44.9

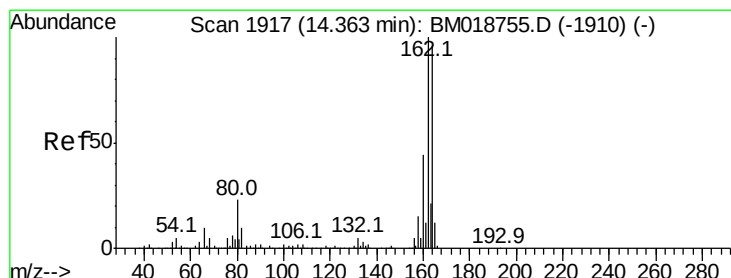
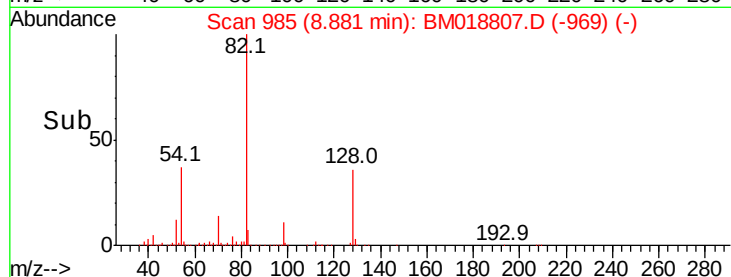
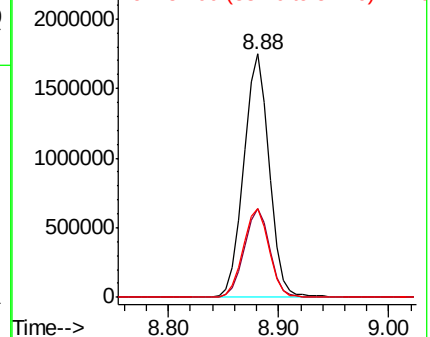
54 36.7 29.1 43.7



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# 1916

Delta R.T. -0.01 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

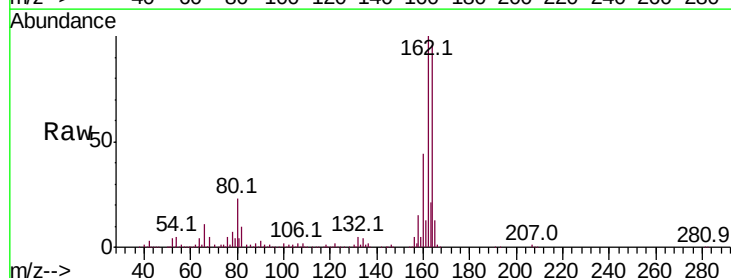
Tgt Ion:164 Resp: 645258

Ion Ratio Lower Upper

164 100

162 103.9 83.4 125.0

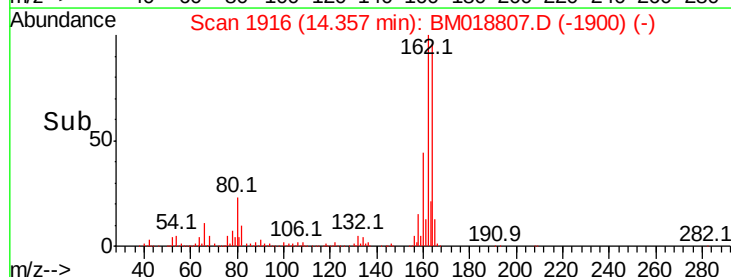
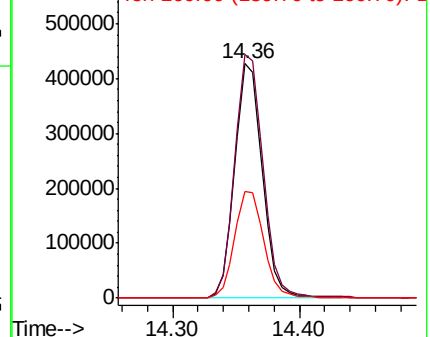
160 45.7 36.6 55.0

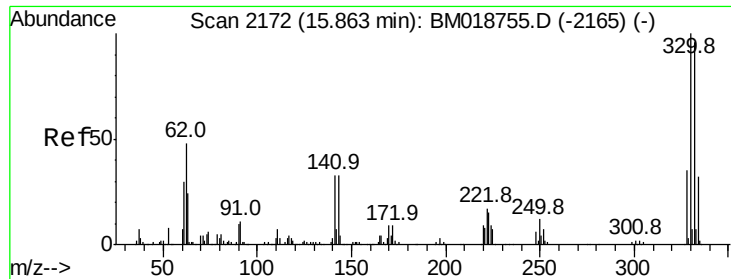


Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)

Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)

Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)

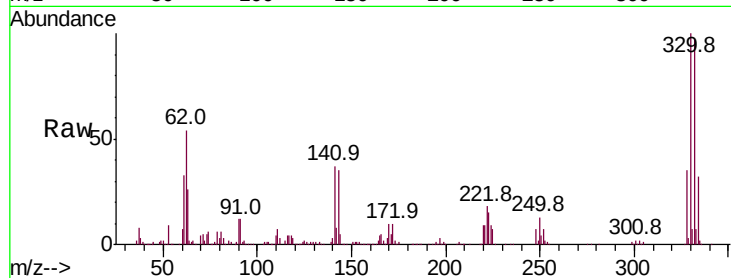




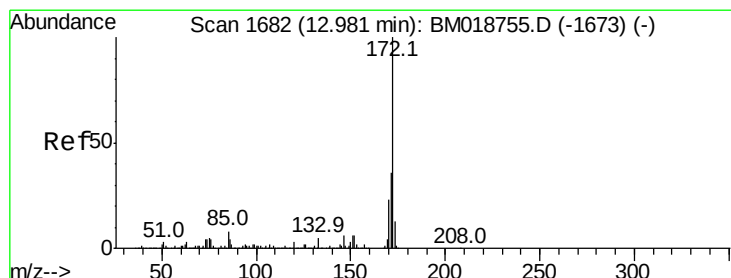
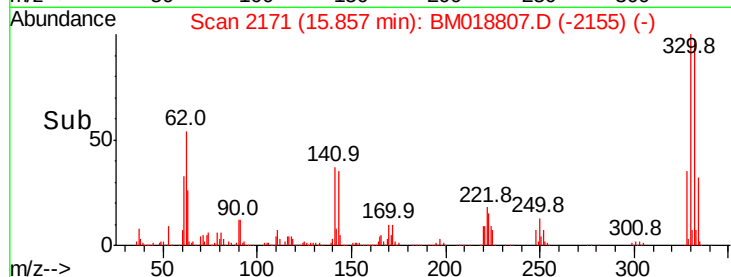
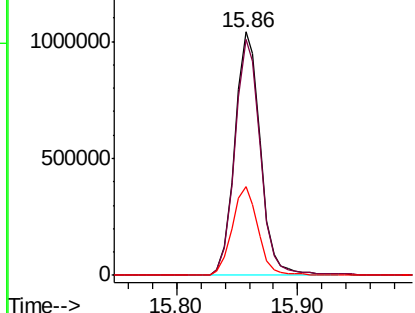
#42
 2,4,6-Tribromophenol
 Concen: 165.896 ng
 RT: 15.86 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM018807.D
 Acq: 13 Feb 2019 18:21

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-021119-N

Tot Ion:330 Resp: 1543030
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.9 115.3
 141 37.1 28.7 43.1

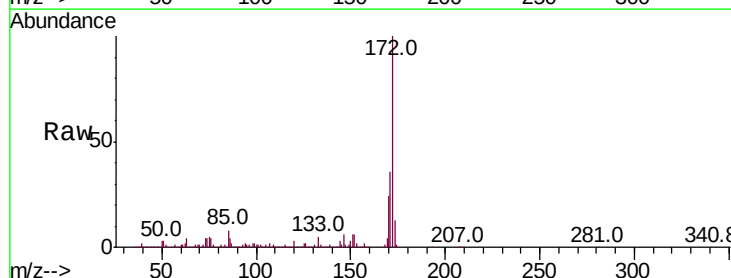


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

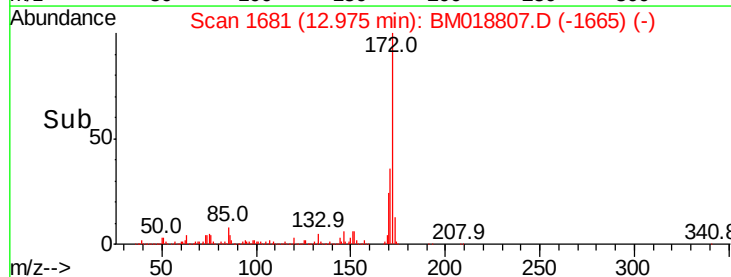
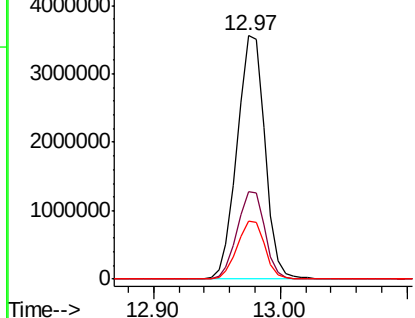


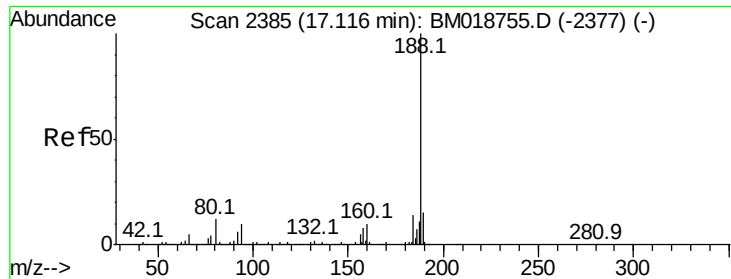
#45
 2-Fluorobiphenyl
 Concen: 111.031 ng
 RT: 12.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BM018807.D
 Acq: 13 Feb 2019 18:21

Tgt Ion:172 Resp: 5396977
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.1 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

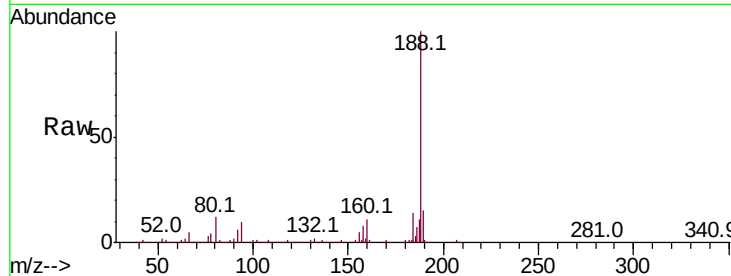




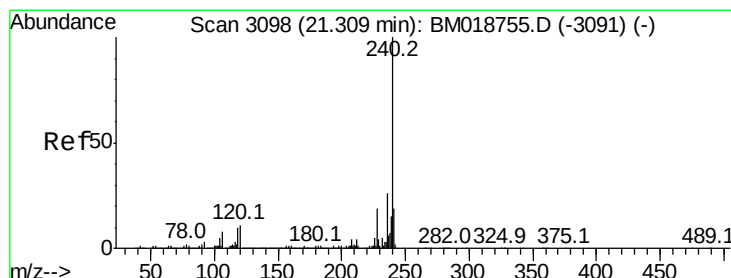
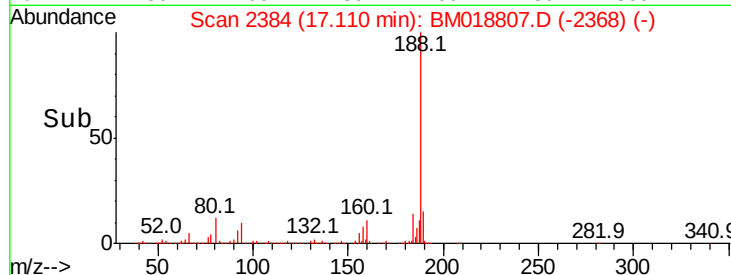
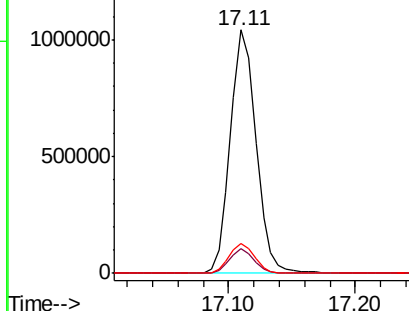
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018807.D
Acq: 13 Feb 2019 18:21

Instrument :
BNA_M
ClientSampleId :
JC-02-021119-N

Tot Ion:188 Resp: 1468930
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 12.3 9.7 14.5

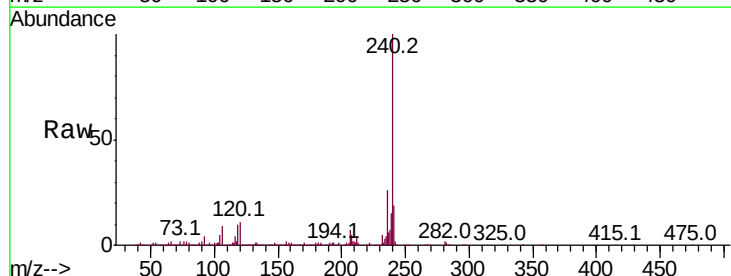


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

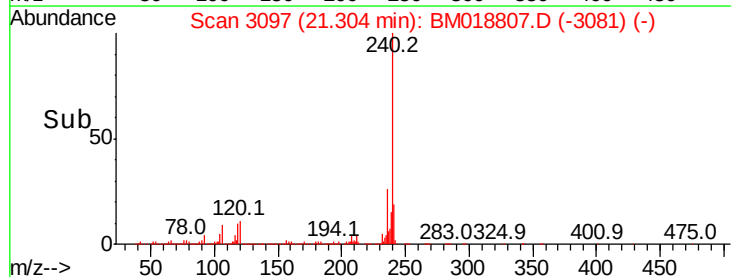
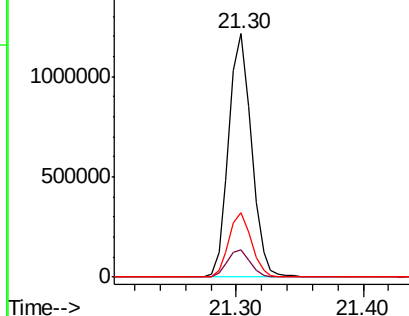


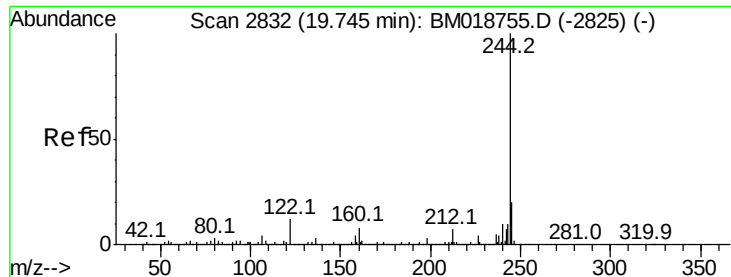
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018807.D
Acq: 13 Feb 2019 18:21

Tgt Ion:240 Resp: 1522009
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 26.4 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: 119.925 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-N

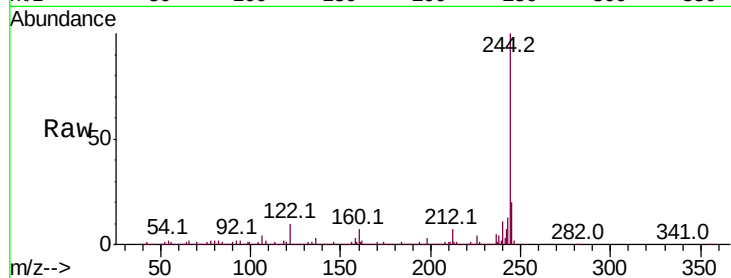
Tot Ion:244 Resp: 8848098

Ion Ratio Lower Upper

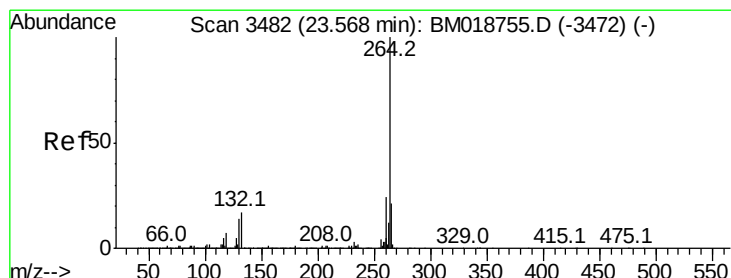
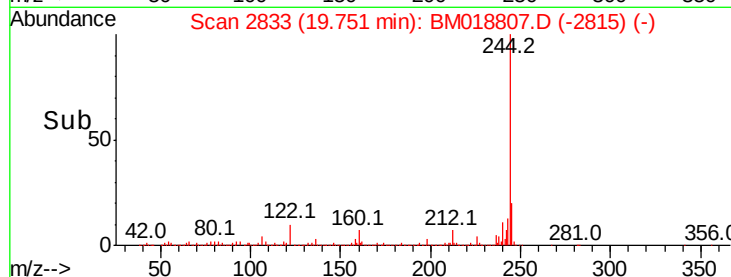
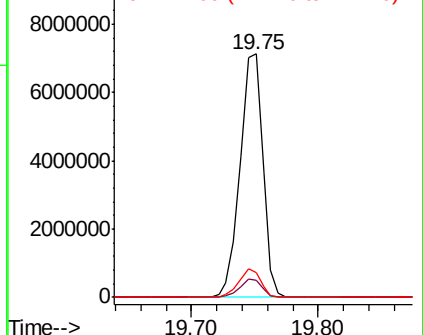
244 100

212 7.2 5.6 8.4

122 10.2 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: BM018807.D

Acq: 13 Feb 2019 18:21

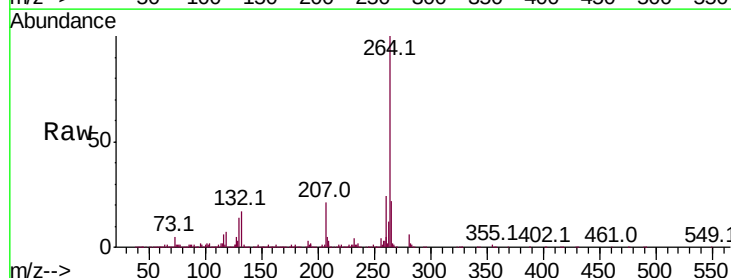
Tgt Ion:264 Resp: 1407362

Ion Ratio Lower Upper

264 100

260 24.2 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

