

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021319\
 Data File : BM018806.D
 Acq On : 13 Feb 2019 17:45
 Operator : JU/SJ
 Sample : K1343-26
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Feb 14 01:09:40 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	309606	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1221968	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	685829	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1625000	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1793134	20.00	ng	0.00
87) Perylene-d12	23.56	264	1704606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2654942	140.50	ng	0.00
7) Phenol-d6	6.89	99	3263708	122.60	ng	0.00
23) Nitrobenzene-d5	8.88	82	2655349	100.48	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1557295	157.52	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	5149301	99.67	ng	0.00
79) Terphenyl-d14	19.74	244	9207037	105.92	ng	0.00

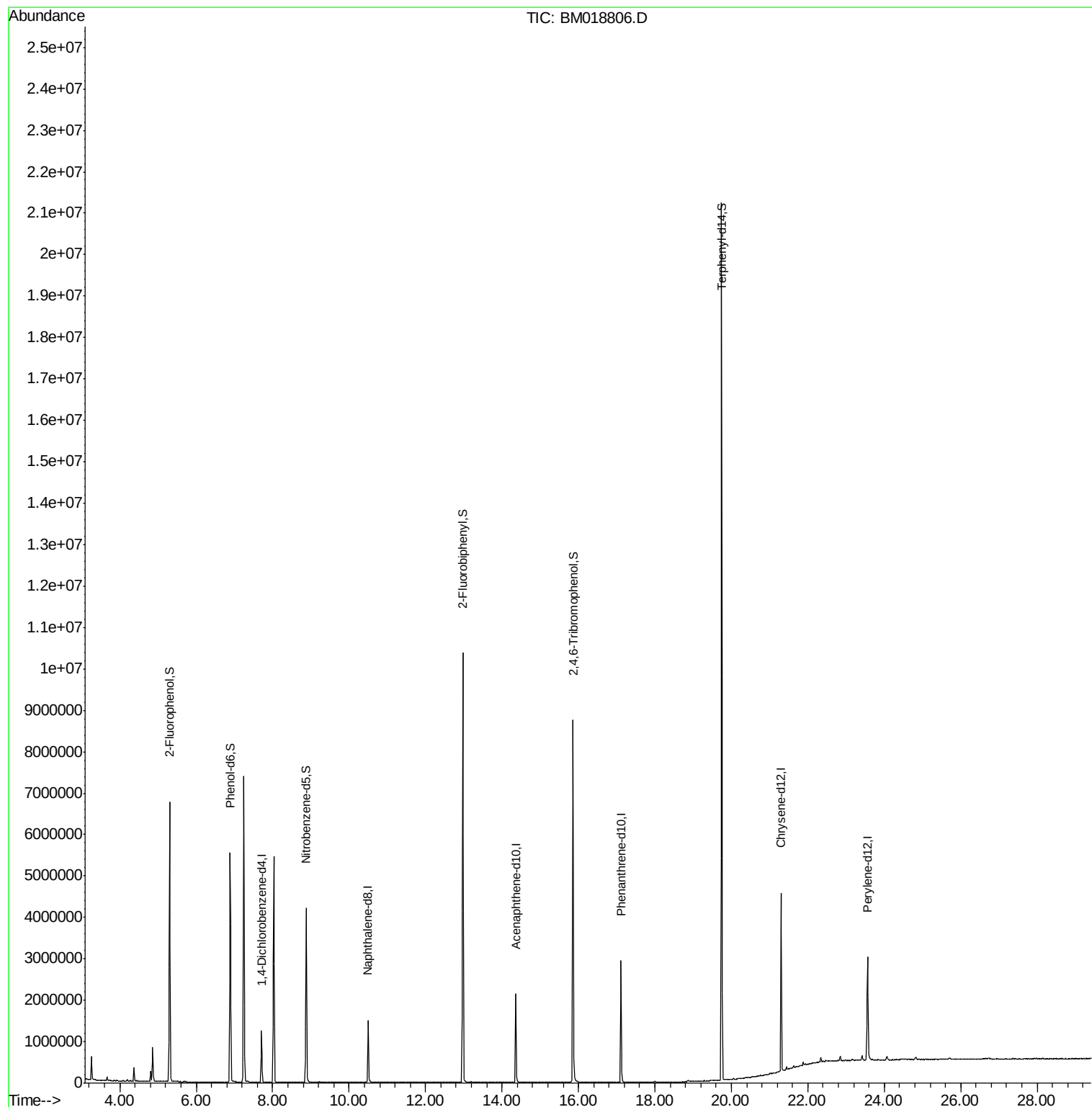
Target Compounds Qvalue

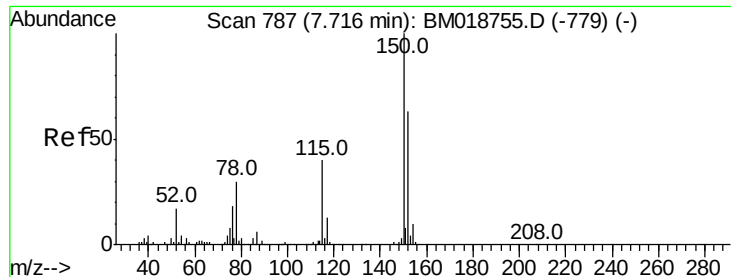
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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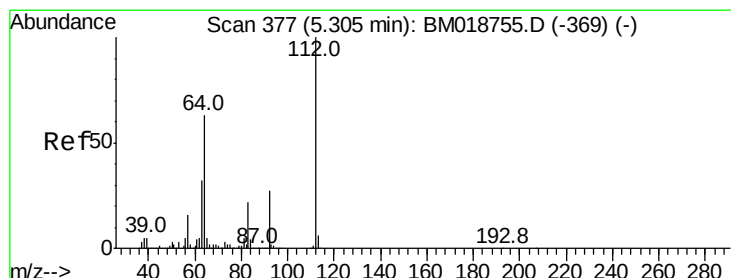
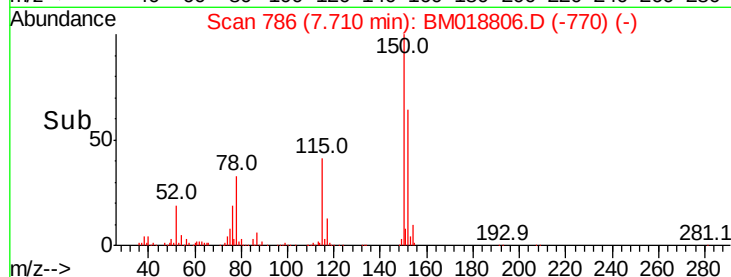
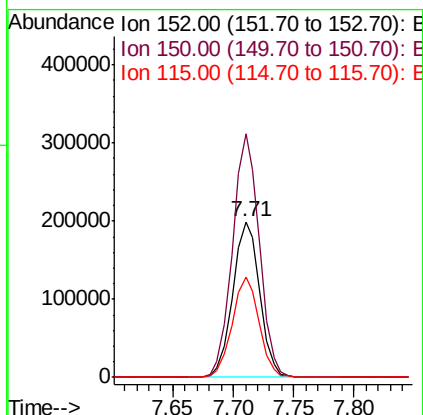
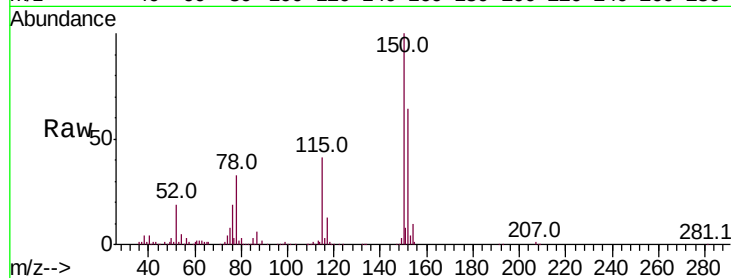


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018806.D
Acq: 13 Feb 2019 17:45

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

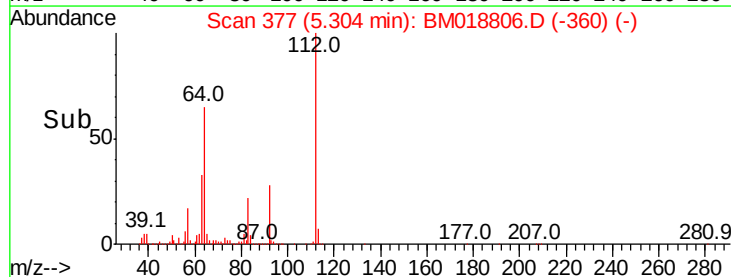
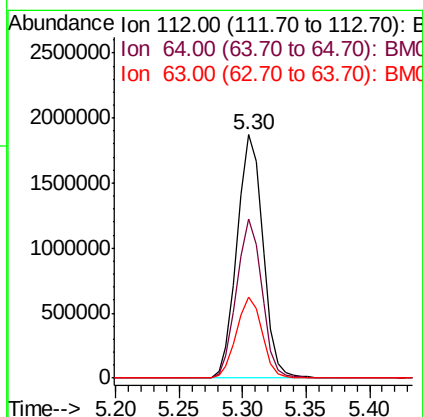
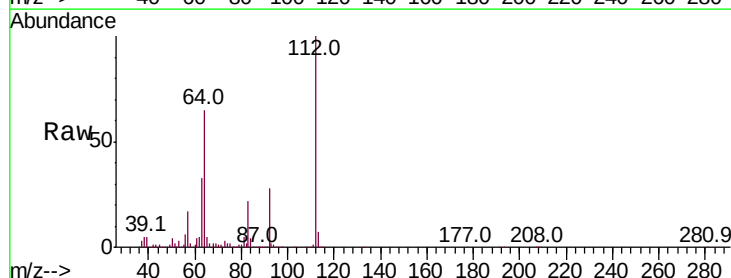
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.3	190.9
115	64.3	50.8	76.2

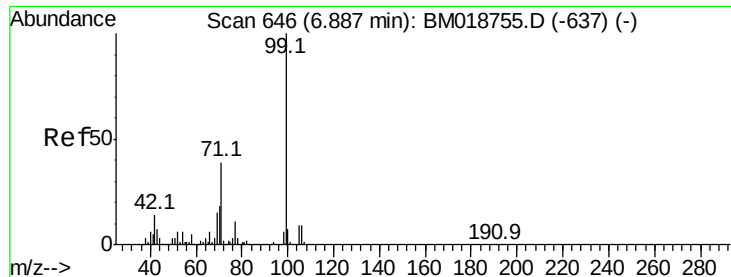


#5

2-Fluorophenol
Concen: 140.503 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018806.D
Acq: 13 Feb 2019 17:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	50.6	75.8
63	33.2	25.7	38.5





#7

Phenol-d6

Concen: 122.604 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-M

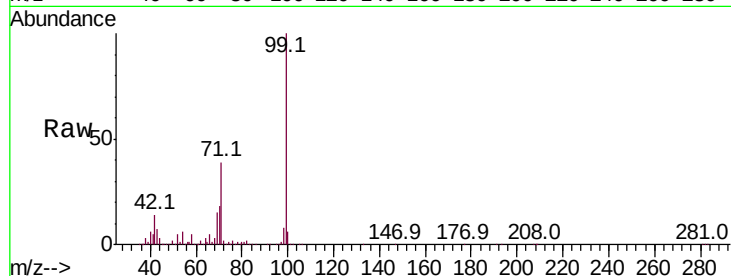
Tot Ion: 99 Resp: 3263708

Ion Ratio Lower Upper

99 100

42 13.9 11.0 16.6

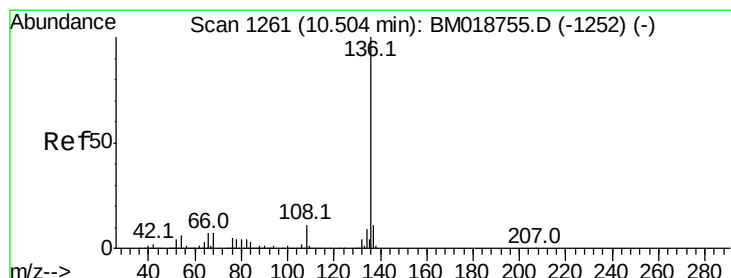
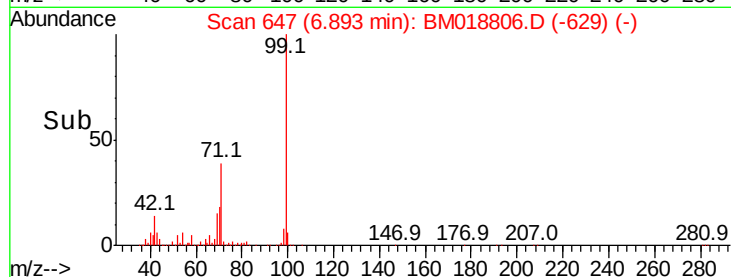
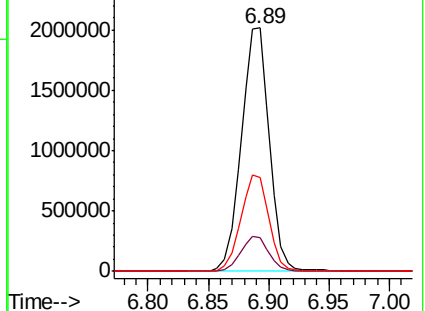
71 38.8 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

Tgt Ion: 136 Resp: 1221968

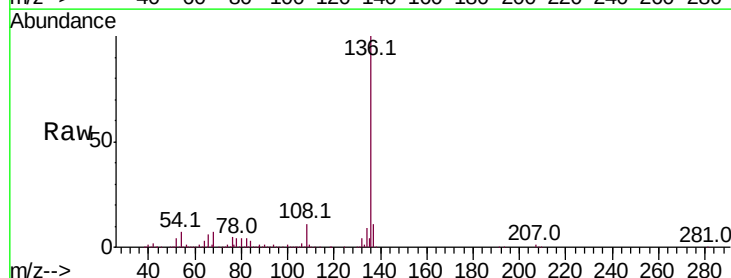
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.6 5.0 7.6

68 7.2 5.5 8.3

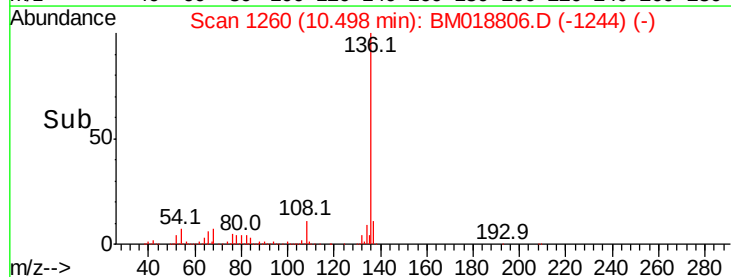
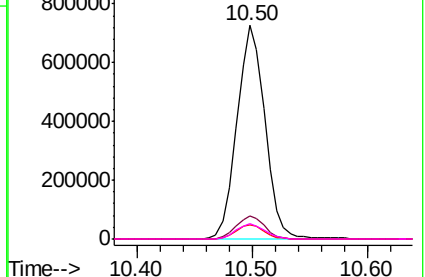


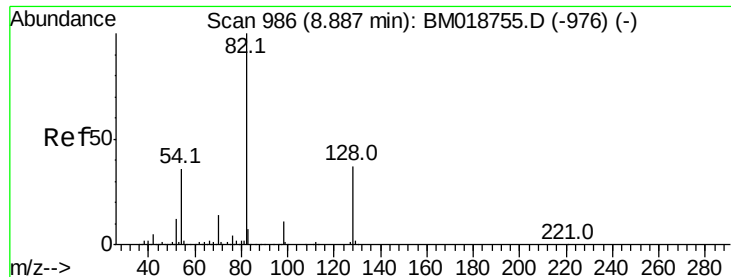
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

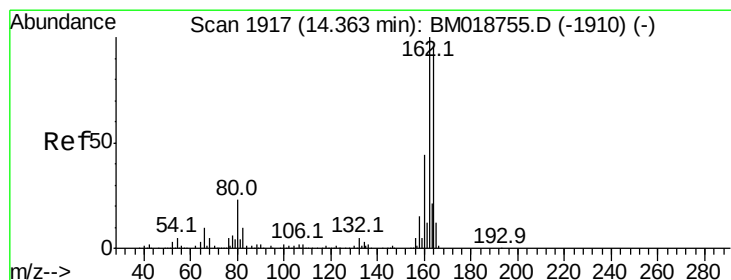
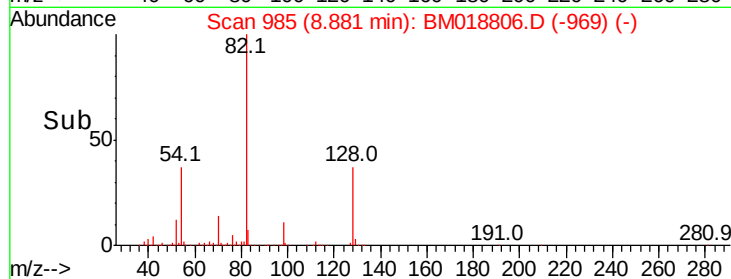
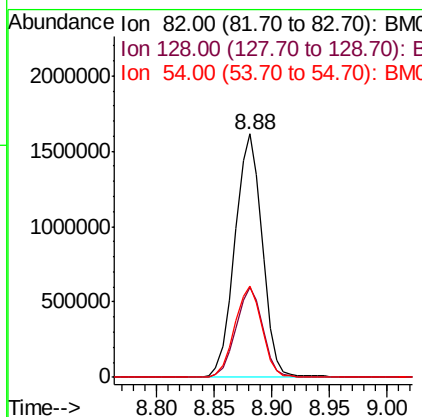
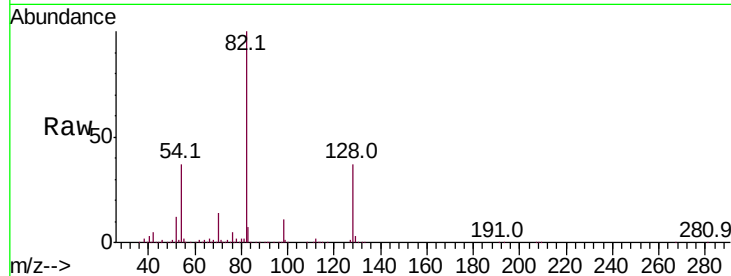




#23
 Nitrobenzene-d5
 Concen: 100.477 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BM018806.D
 Acq: 13 Feb 2019 17:45

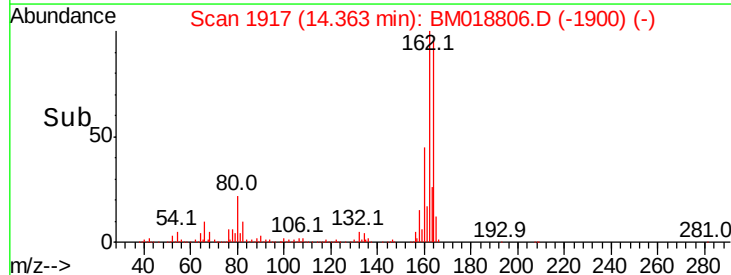
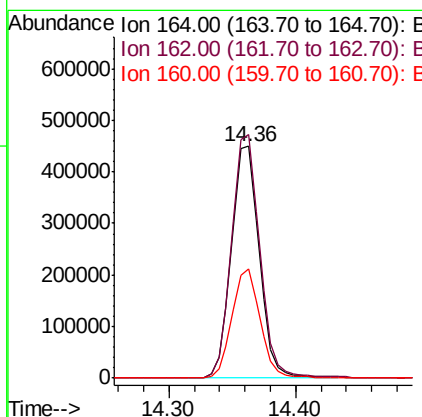
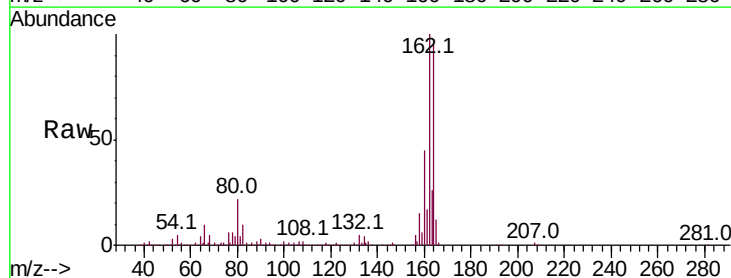
Instrument :
 BNA_M
 ClientSampleId :
 JC-02-021119-M

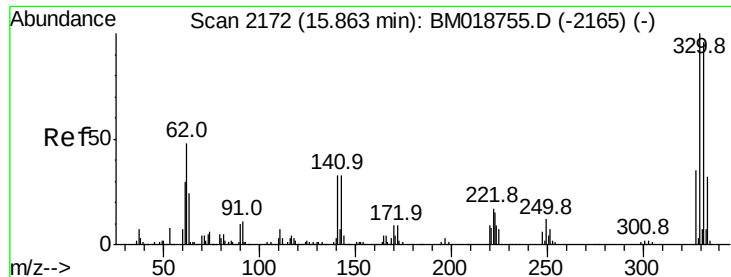
Tot Ion: 82 Resp: 2655349
 Ion Ratio Lower Upper
 82 100
 128 37.0 29.9 44.9
 54 37.3 29.1 43.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.36 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: BM018806.D
 Acq: 13 Feb 2019 17:45

Tgt Ion: 164 Resp: 685829
 Ion Ratio Lower Upper
 164 100
 162 105.1 83.4 125.0
 160 47.2 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 157.525 ng

RT: 15.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-M

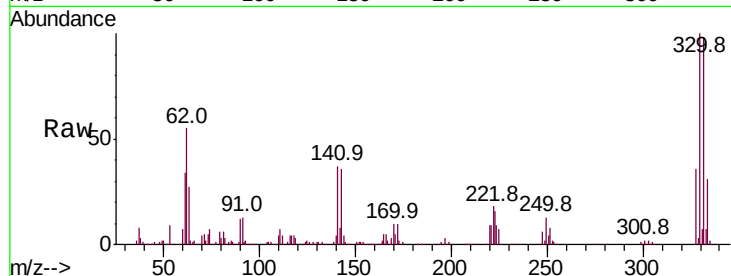
Tot Ion:330 Resp: 1557295

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

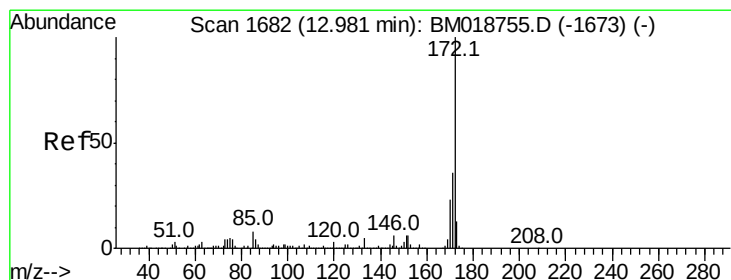
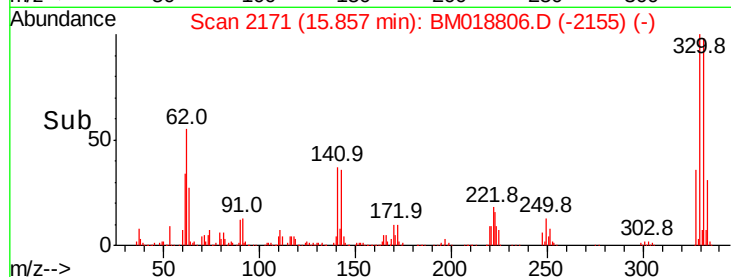
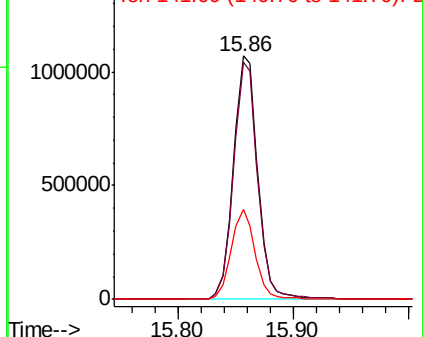
141 36.7 28.7 43.1



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: 99.669 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

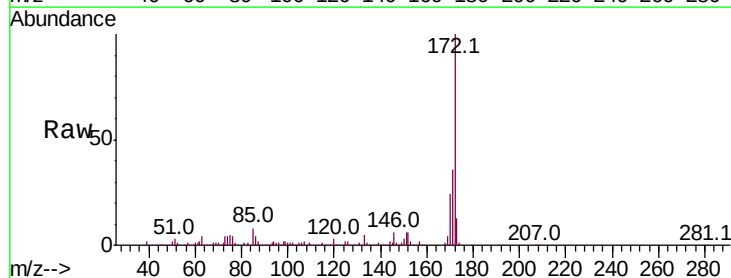
Tgt Ion:172 Resp: 5149301

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

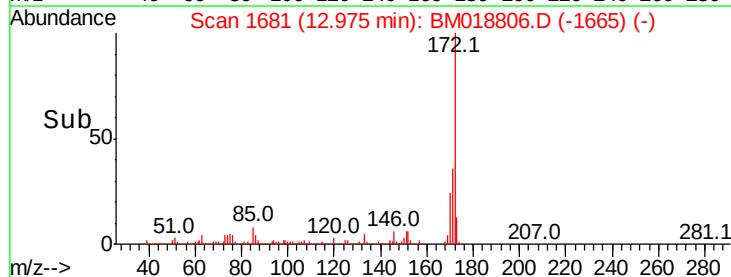
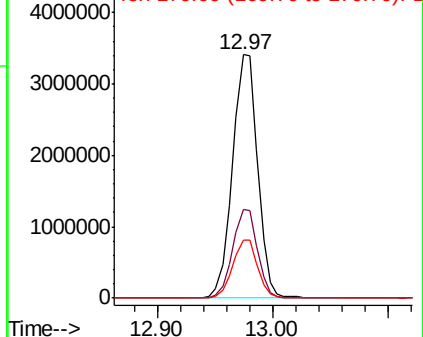
170 23.8 18.6 28.0

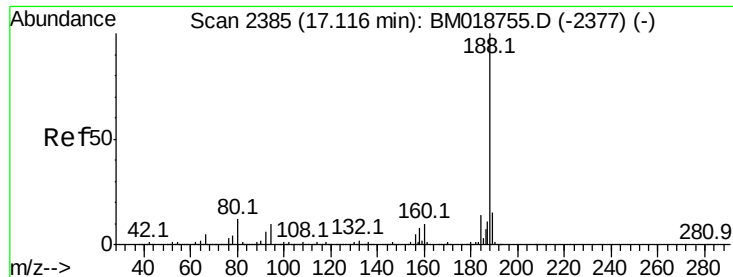


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.11 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-M

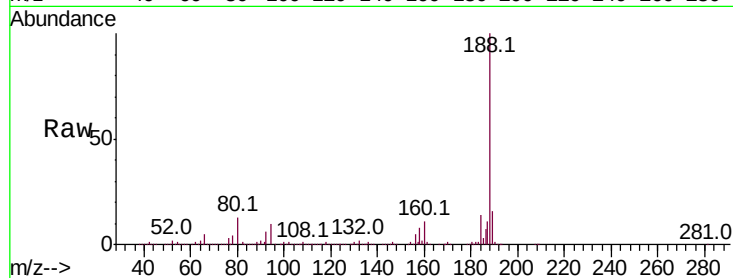
Tot Ion:188 Resp: 1625000

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

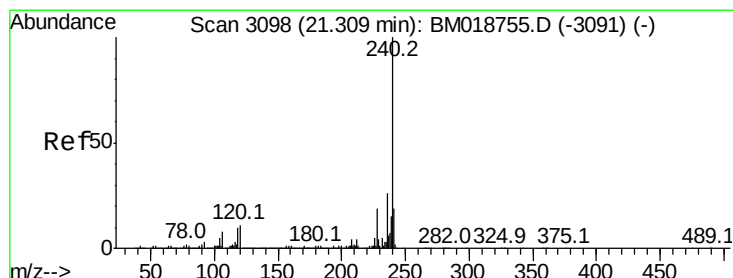
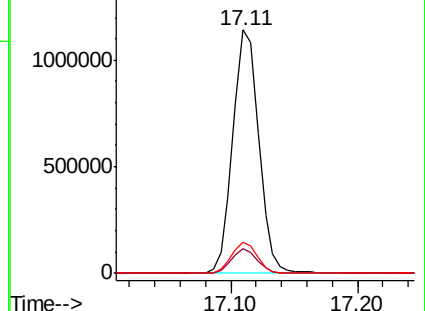
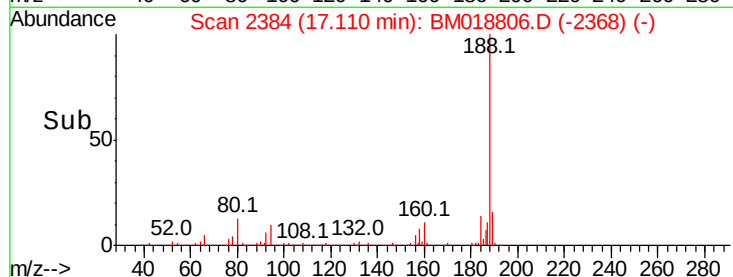
80 12.6 9.7 14.5



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: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

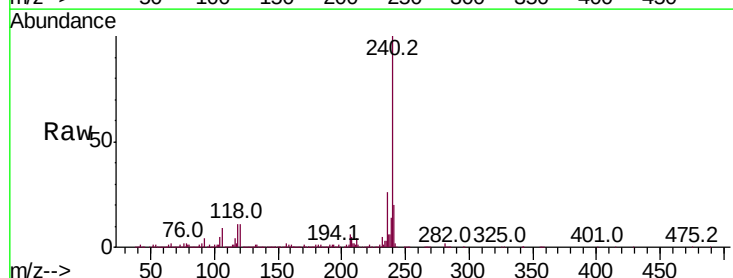
Tgt Ion:240 Resp: 1793134

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

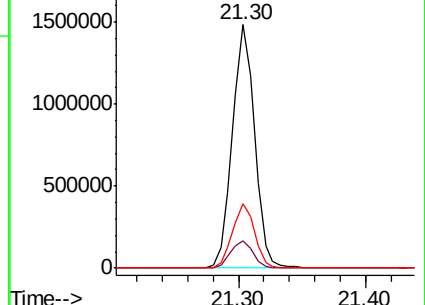
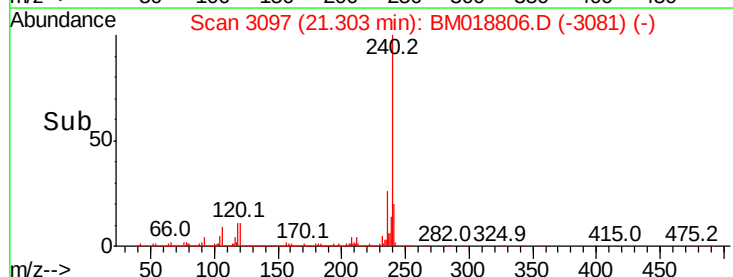
236 26.3 20.9 31.3

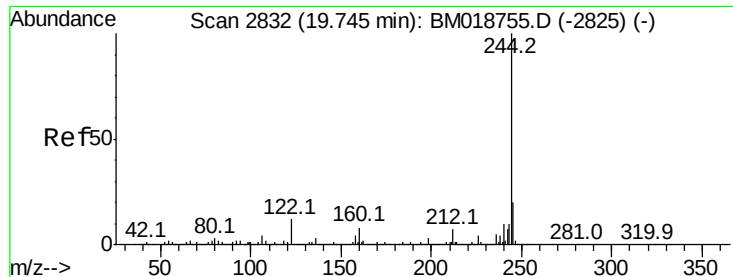


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 105.922 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

Instrument :

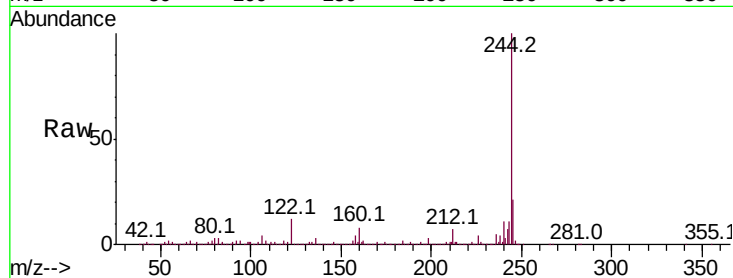
BNA_M

ClientSampleId :

JC-02-021119-M

Tot Ion:244 Resp: 9207037

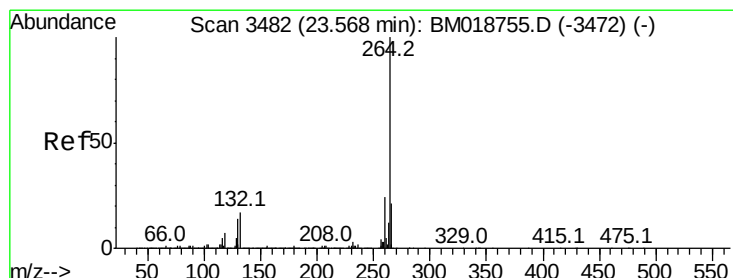
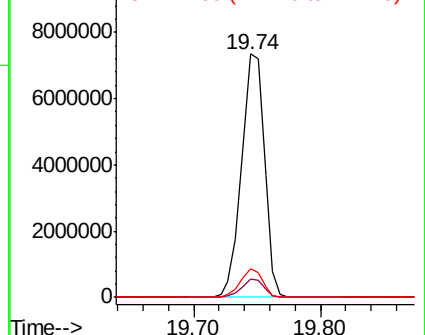
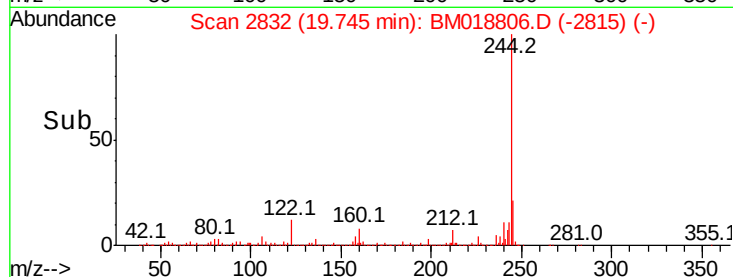
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.6	8.4
122	11.9	9.3	13.9



Abundance Ion 244.00 (243.70 to 244.70): E

1e+07 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

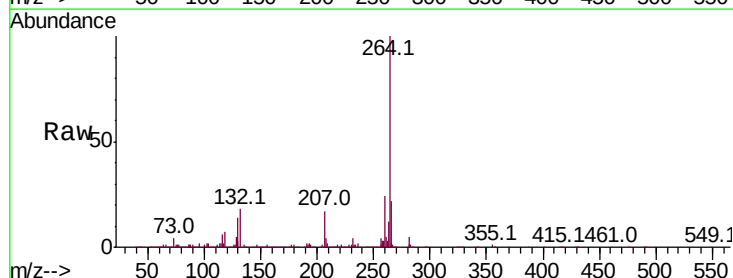
Delta R.T. -0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

Tgt Ion:264 Resp: 1704606

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.9	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E

1200000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

