

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
 Data File : BM018831.D
 Acq On : 15 Feb 2019 23:43
 Operator : JU/SJ
 Sample : K1501-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419

Quant Time: Feb 16 01:43:43 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	7.70	152	298613	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1189477	20.00	ng	-0.01
39) Acenaphthene-d10	14.36	164	655102	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1527960	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1533403	20.00	ng	-0.01
87) Perylene-d12	23.56	264	1301483	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2253249	123.63	ng	0.00
7) Phenol-d6	6.89	99	2822992	109.95	ng	0.00
23) Nitrobenzene-d5	8.87	82	2225473	86.51	ng	-0.01
42) 2,4,6-Tribromophenol	15.86	330	1252394	132.63	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4174663	84.59	ng	0.00
79) Terphenyl-d14	19.74	244	7355491	98.95	ng	0.00

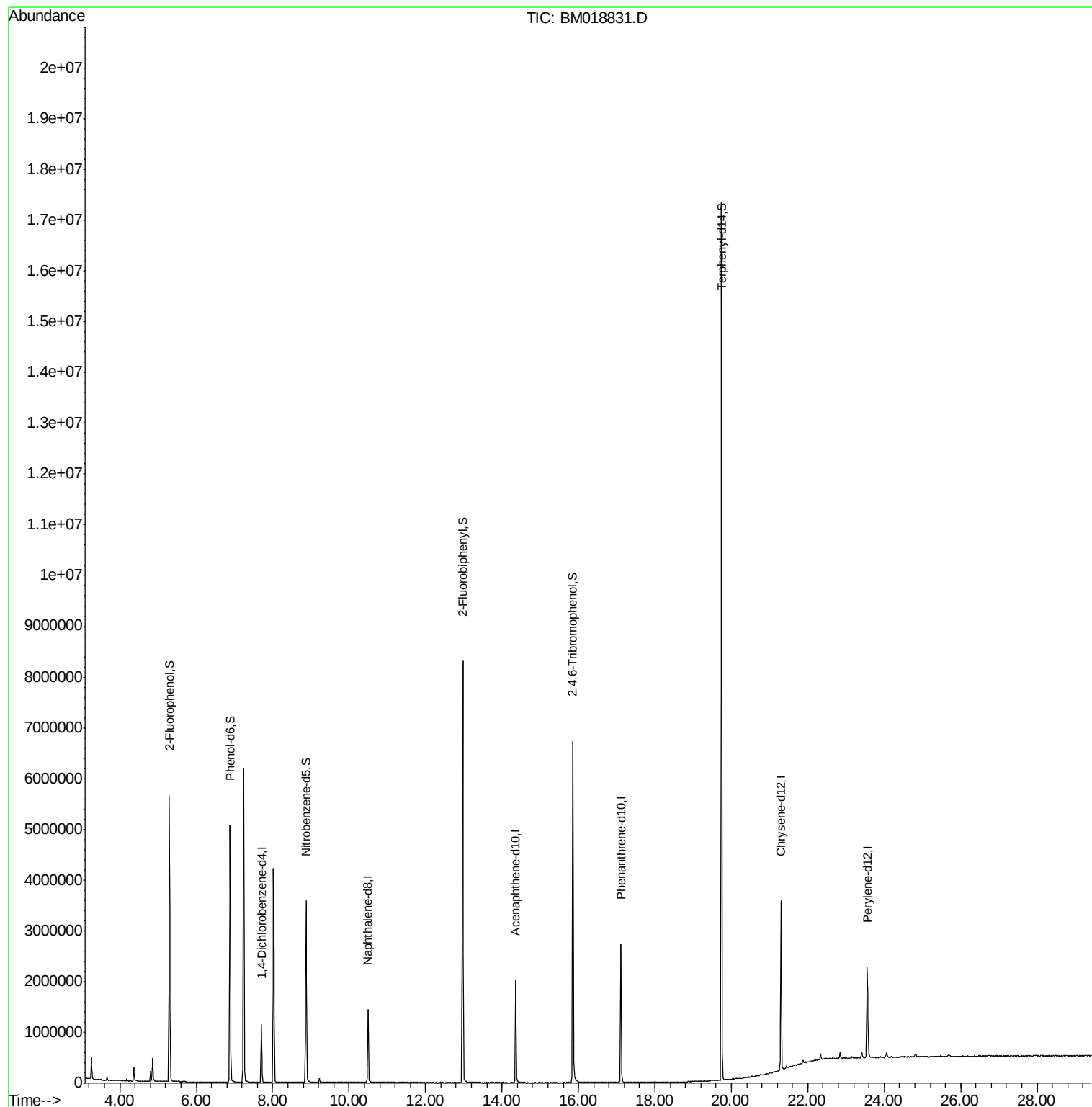
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
Data File : BM018831.D
Acq On : 15 Feb 2019 23:43
Operator : JU/SJ
Sample : K1501-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CH-021419

Quant Time: Feb 16 01:43:43 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



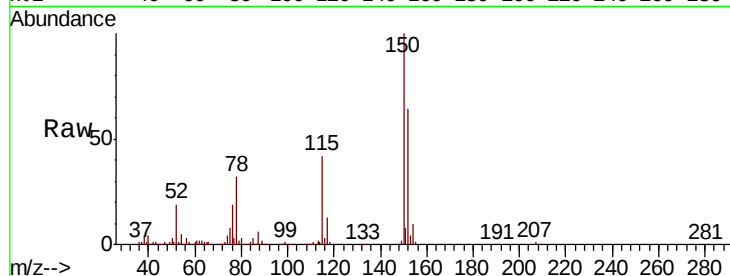


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018831.D
Acq: 15 Feb 2019 23:43

Instrument :
BNA_M
ClientSampleId :
CH-021419

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	127.3	190.9
115	65.3	50.8	76.2

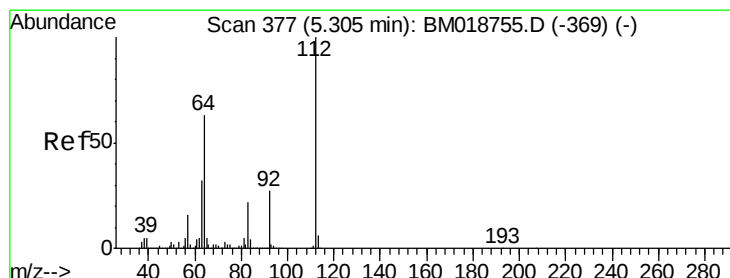
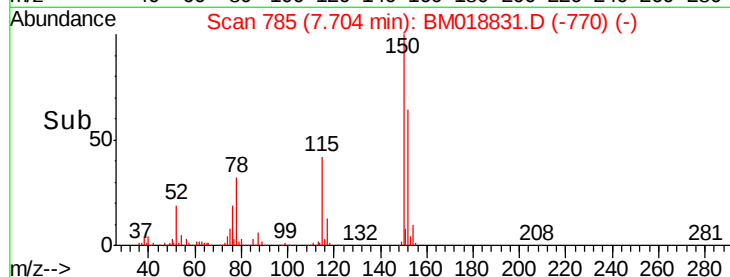
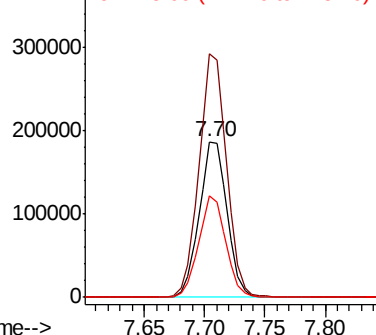


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

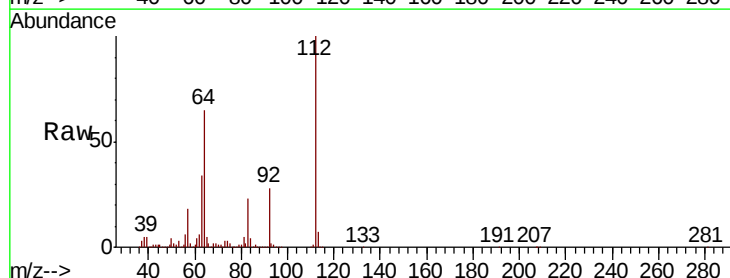
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.635 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018831.D
Acq: 15 Feb 2019 23:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	50.6	75.8
63	33.9	25.7	38.5

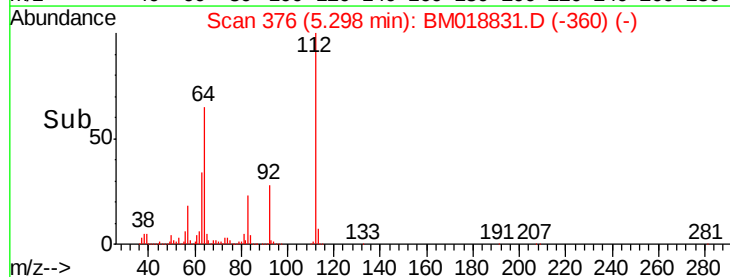
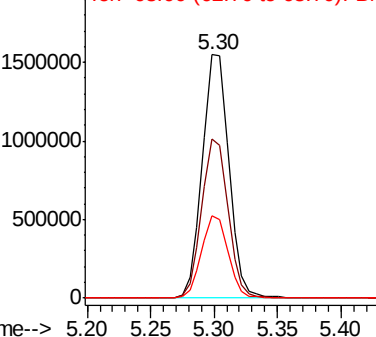


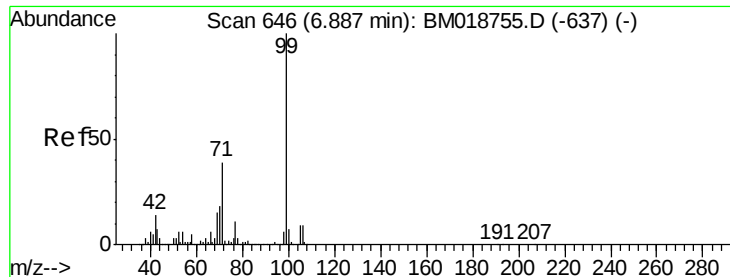
Abundance

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: 109.953 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018831.D

Acq: 15 Feb 2019 23:43

Instrument :

BNA_M

ClientSampleId :

CH-021419

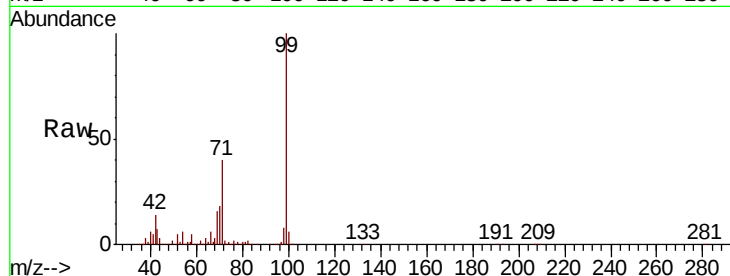
Tot Ion: 99 Resp: 2822992

Ion Ratio Lower Upper

99 100

42 14.3 11.0 16.6

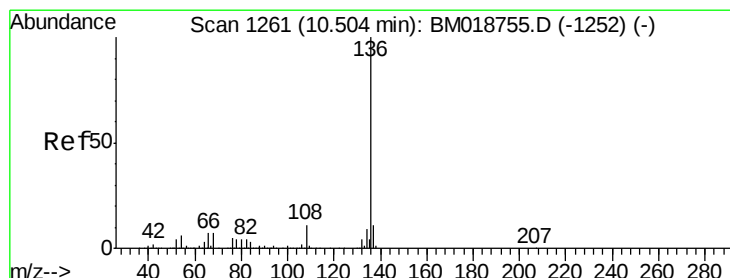
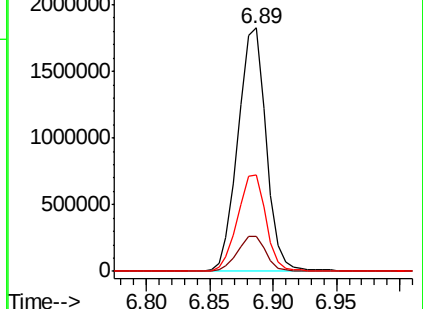
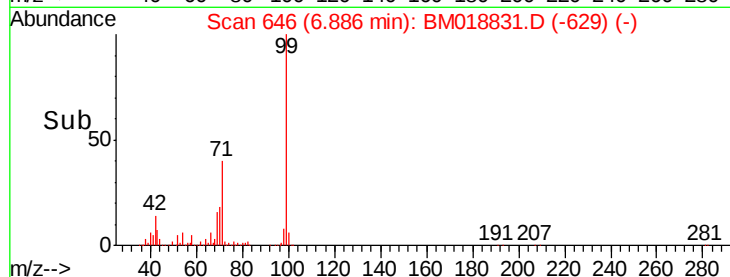
71 39.6 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018831.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018831.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018831.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018831.D

Acq: 15 Feb 2019 23:43

Tgt Ion: 136 Resp: 1189477

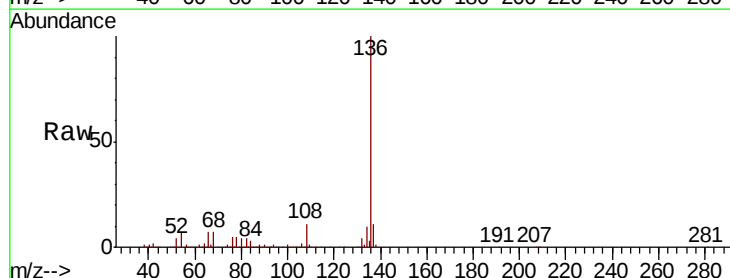
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.9 5.0 7.6

68 7.4 5.5 8.3

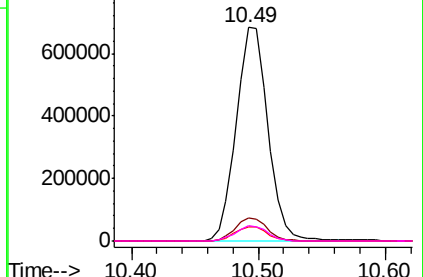
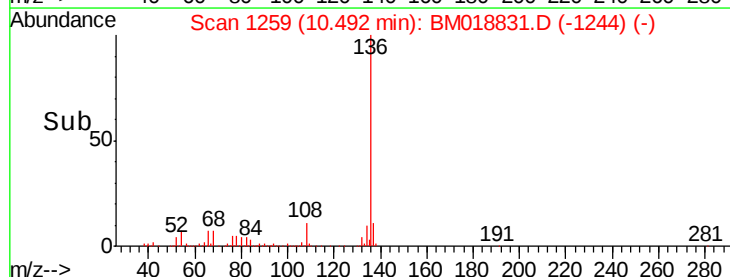


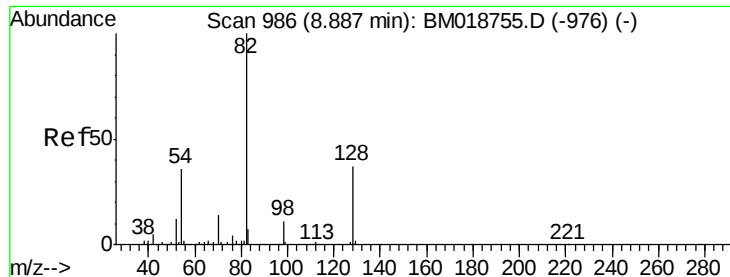
Abundance Ion 136.00 (135.70 to 136.70): BM018831.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM018831.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018831.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018831.D (-1244) (-)

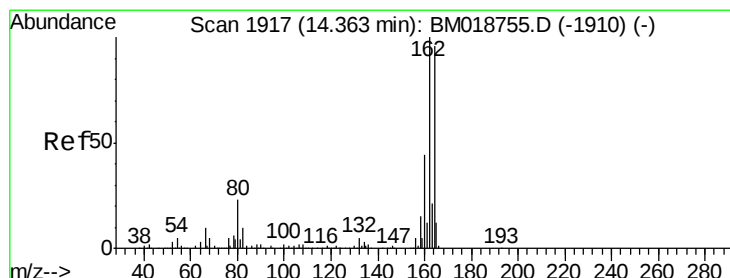
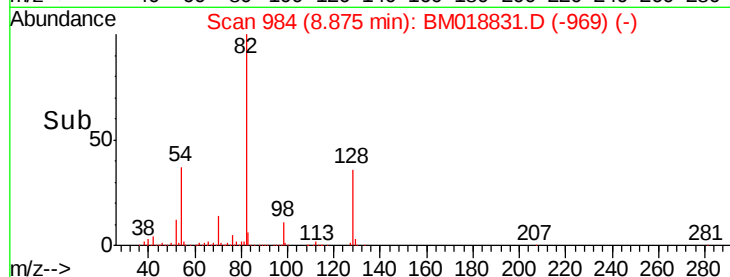
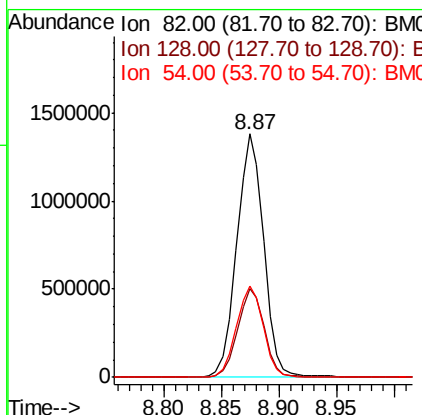
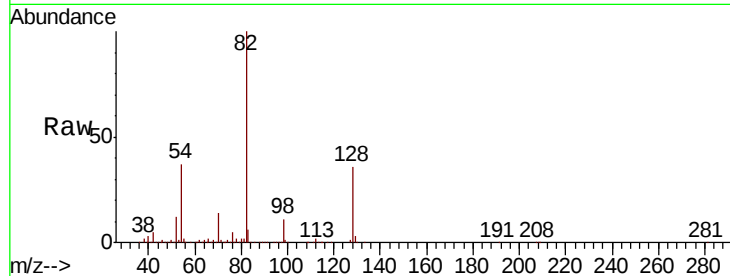




#23
Nitrobenzene-d5
Concen: 86.511 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM018831.D
Acq: 15 Feb 2019 23:43

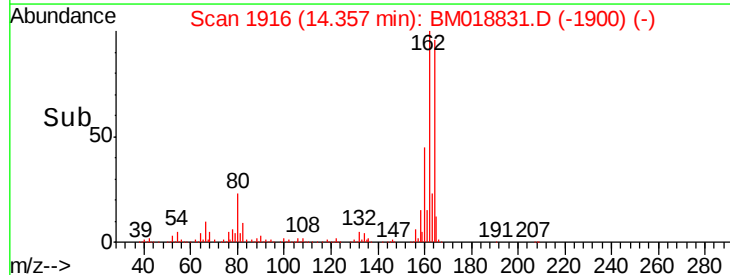
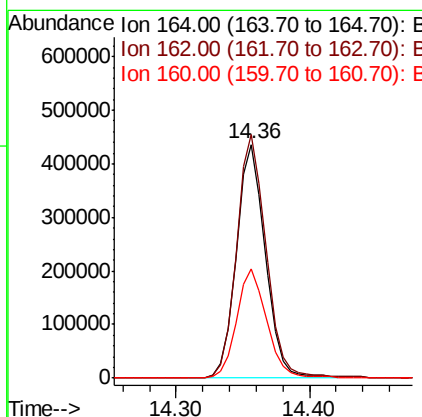
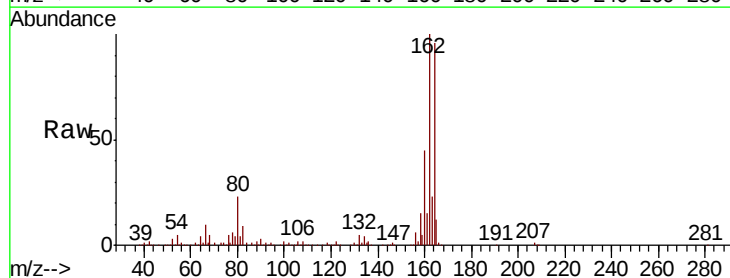
Instrument :
BNA_M
ClientSampleId :
CH-021419

Tot Ion: 82 Resp: 2225473
Ion Ratio Lower Upper
82 100
128 36.3 29.9 44.9
54 37.5 29.1 43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM018831.D
Acq: 15 Feb 2019 23:43

Tgt Ion:164 Resp: 655102
Ion Ratio Lower Upper
164 100
162 104.1 83.4 125.0
160 46.6 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 132.625 ng

RT: 15.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018831.D

Acq: 15 Feb 2019 23:43

Instrument :

BNA_M

ClientSampleId :

CH-021419

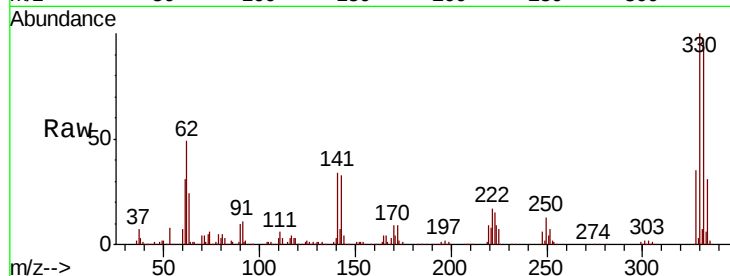
Tot Ion:330 Resp: 1252394

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

141 36.8 28.7 43.1

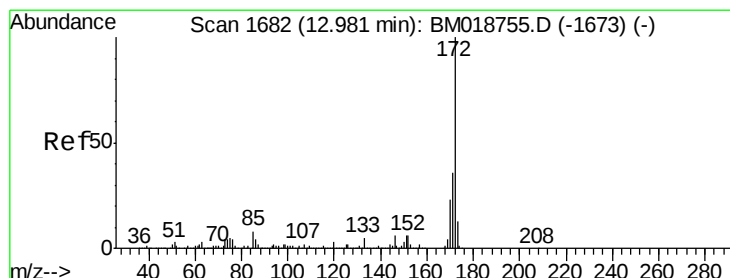
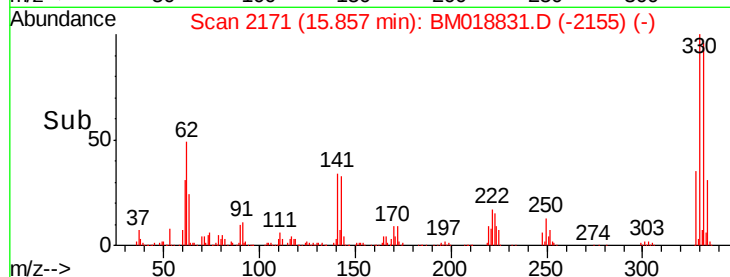
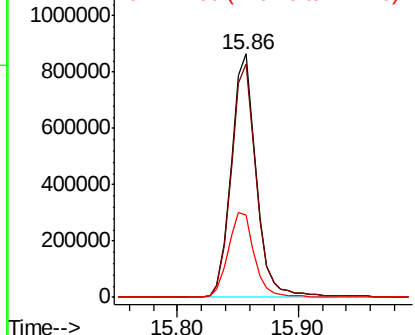


Abundance

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: 84.594 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BM018831.D

Acq: 15 Feb 2019 23:43

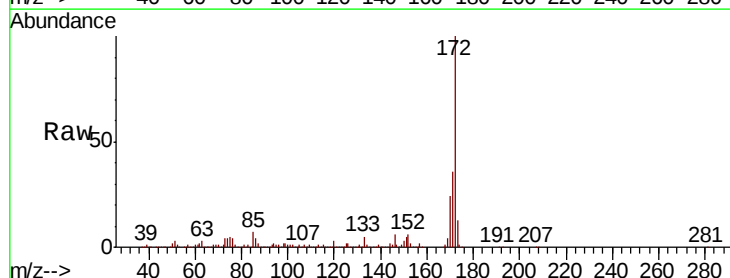
Tgt Ion:172 Resp: 4174663

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

170 23.8 18.6 28.0

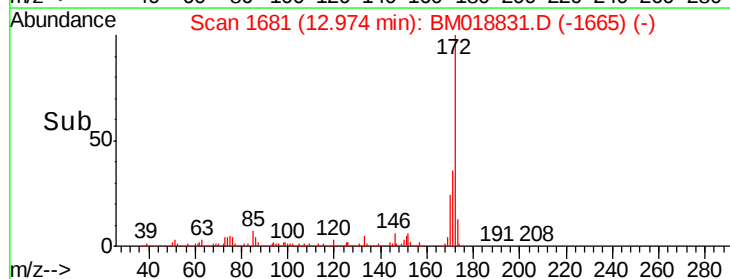
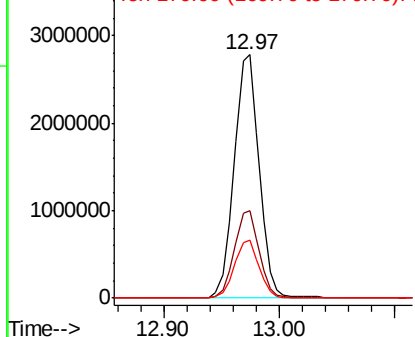


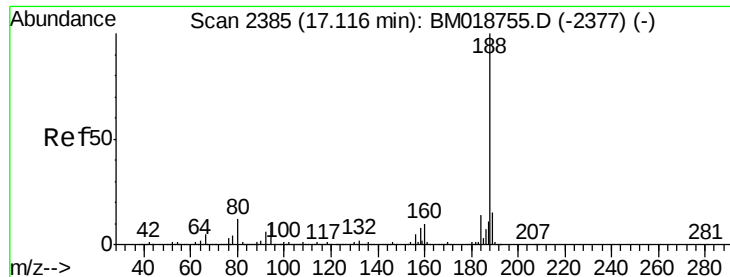
Abundance

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: BM018831.D

Acq: 15 Feb 2019 23:43

Instrument :

BNA_M

ClientSampled :

CH-021419

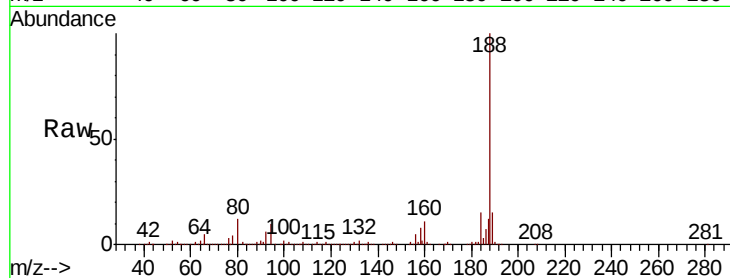
Tot Ion:188 Resp: 1527960

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

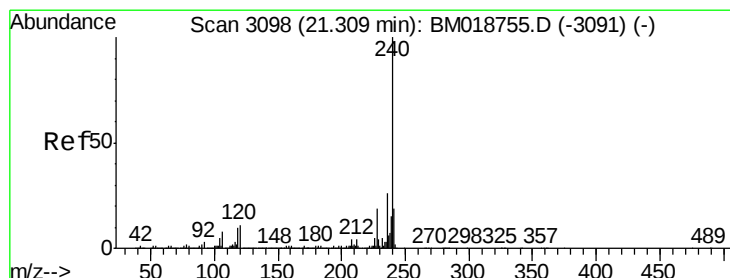
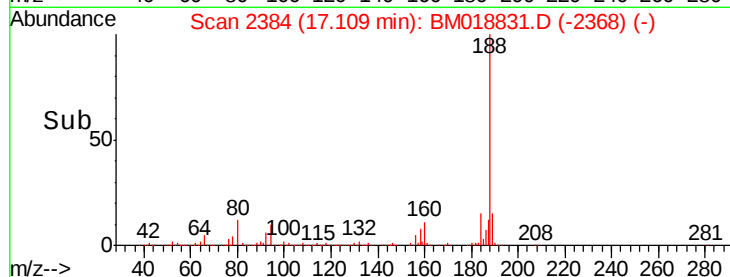
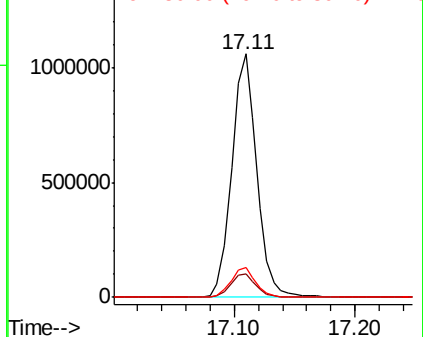
80 12.2 9.7 14.5



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# 3096

Delta R.T. -0.01 min

Lab File: BM018831.D

Acq: 15 Feb 2019 23:43

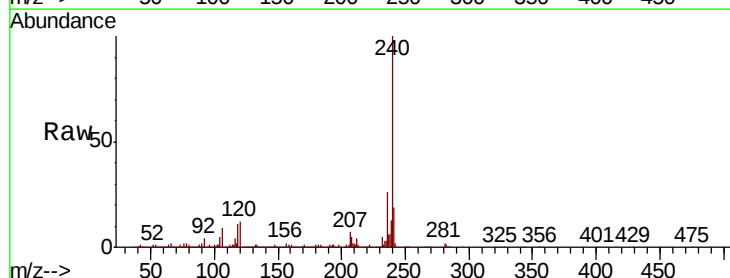
Tgt Ion:240 Resp: 1533403

Ion Ratio Lower Upper

240 100

120 12.0 8.9 13.3

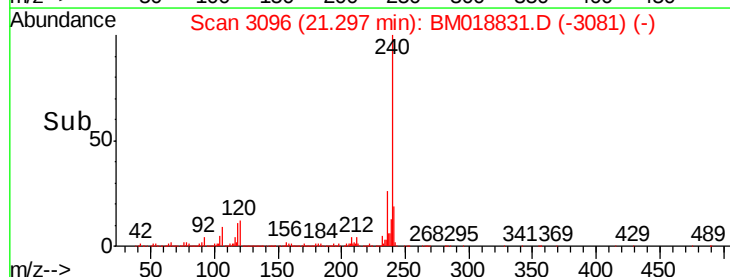
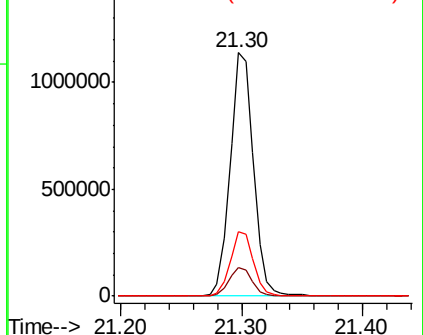
236 26.4 20.9 31.3

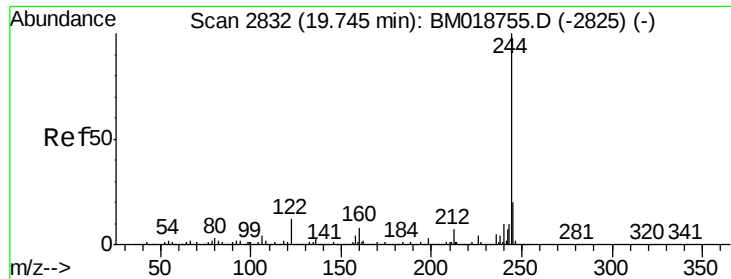


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

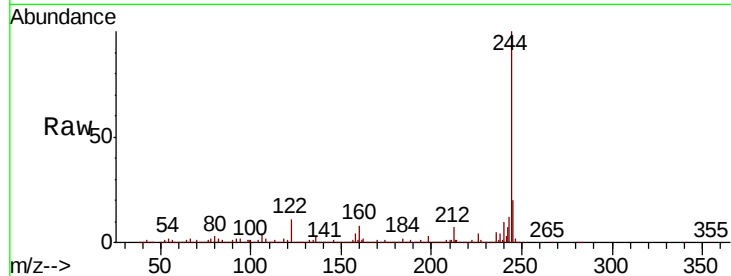




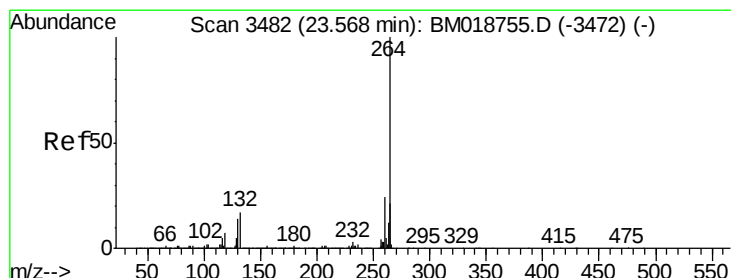
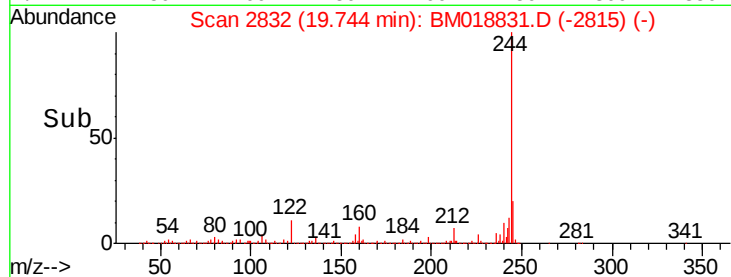
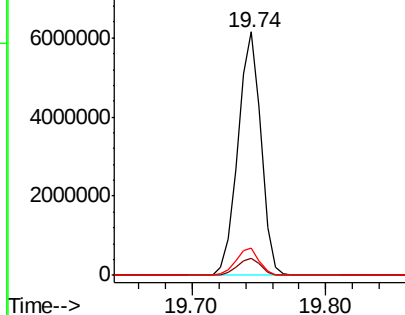
#79
 Terphenyl-d14
 Concen: 98.954 ng
 RT: 19.74 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BM018831.D
 Acq: 15 Feb 2019 23:43

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419

Tot Ion:244 Resp: 7355491
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.0 9.3 13.9

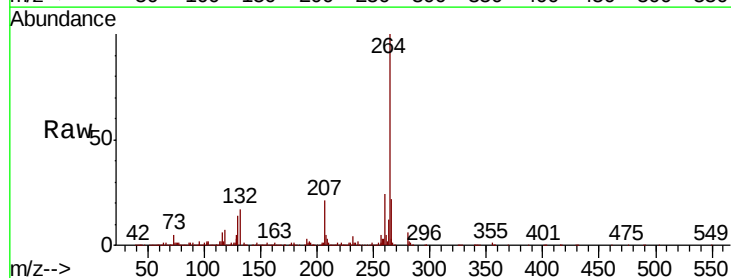


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.56 min Scan# 3480
 Delta R.T. -0.01 min
 Lab File: BM018831.D
 Acq: 15 Feb 2019 23:43

Tgt Ion:264 Resp: 1301483
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 21.7 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

