

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021519\
 Data File : BM018830.D
 Acq On : 15 Feb 2019 23:07
 Operator : JU/SJ
 Sample : K1500-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G-021419

Quant Time: Feb 16 01:41:44 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

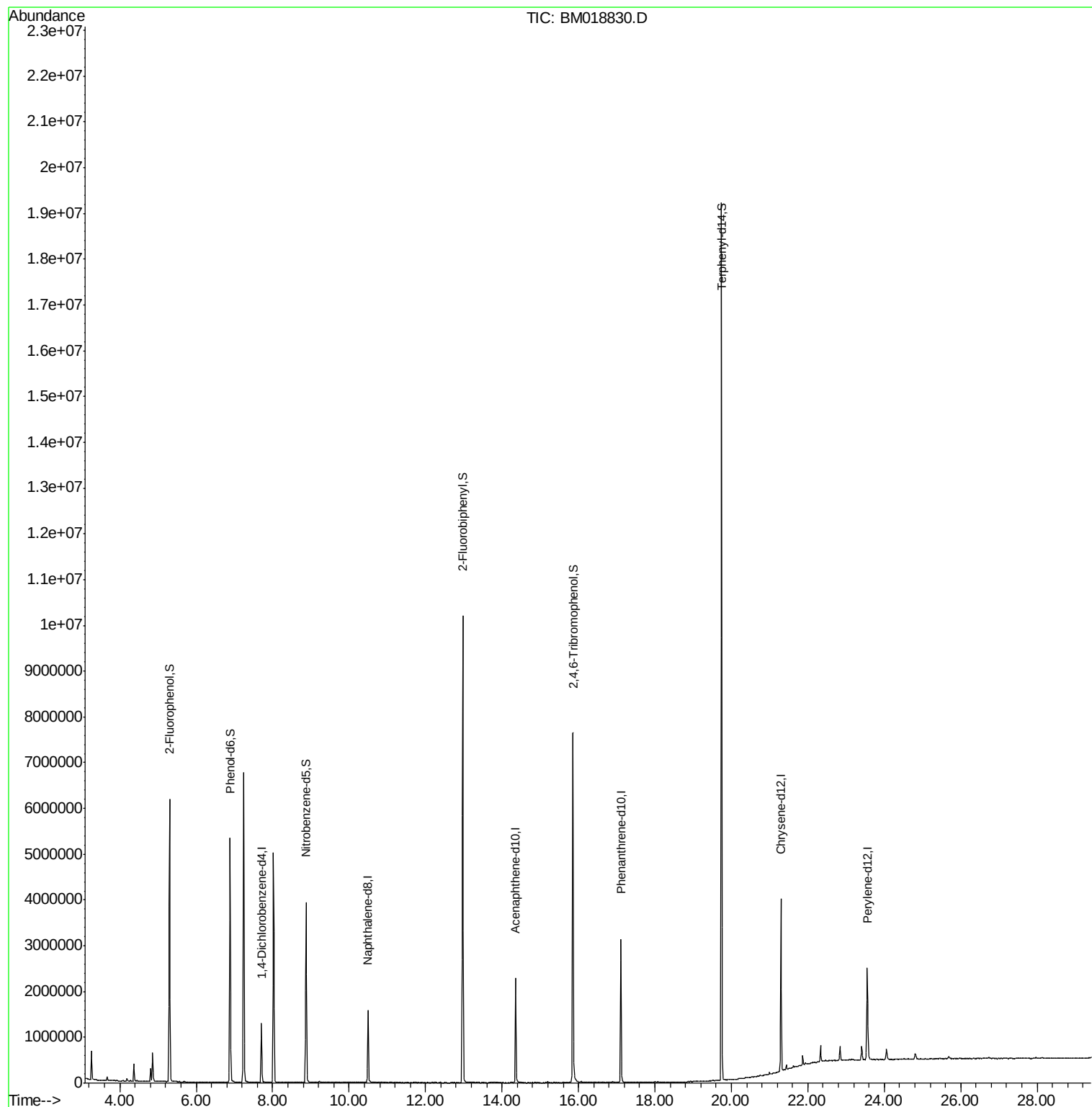
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	326993	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1313525	20.00	ng	-0.01
39) Acenaphthene-d10	14.36	164	732477	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1695442	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1639736	20.00	ng	-0.01
87) Perylene-d12	23.56	264	1382011	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2466028	123.57	ng	0.00
7) Phenol-d6	6.89	99	2996376	106.58	ng	0.00
23) Nitrobenzene-d5	8.87	82	2496874	87.89	ng	-0.01
42) 2,4,6-Tribromophenol	15.86	330	1410051	133.55	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4854970	87.99	ng	0.00
79) Terphenyl-d14	19.74	244	8162542	102.69	ng	0.00
Target Compounds						
9) Benzaldehyde	6.88	77	6455	Below Cal	Qvalue #	12

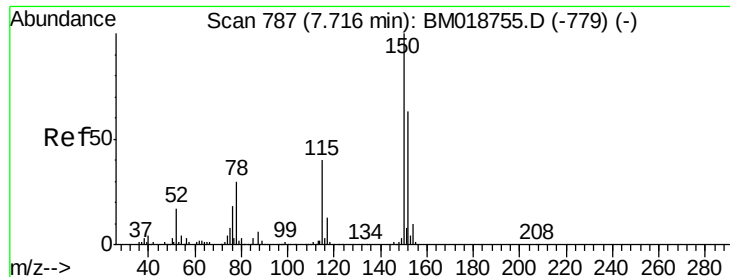
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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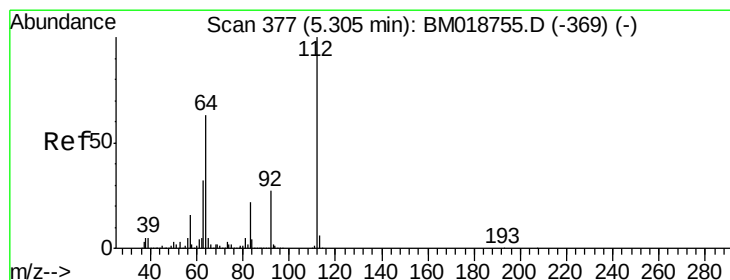
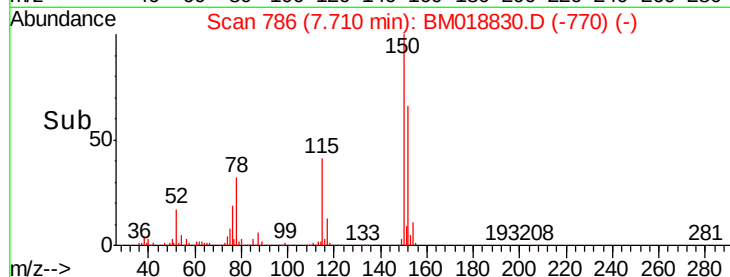
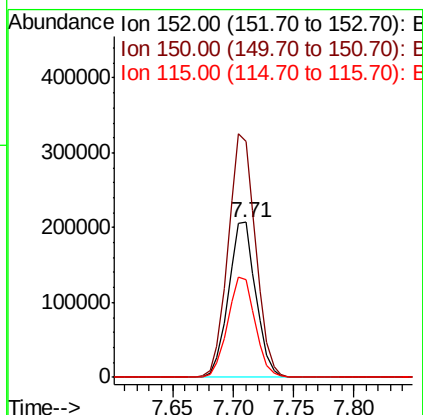
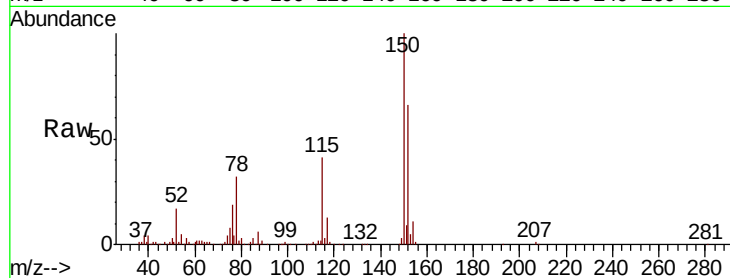


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BM018830.D
 Acq: 15 Feb 2019 23:07

Instrument :
 BNA_M
 ClientSampleId :
 G-021419

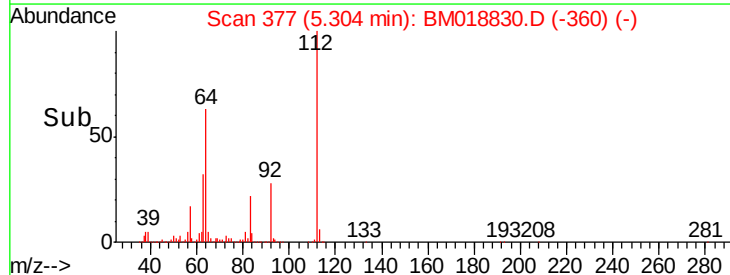
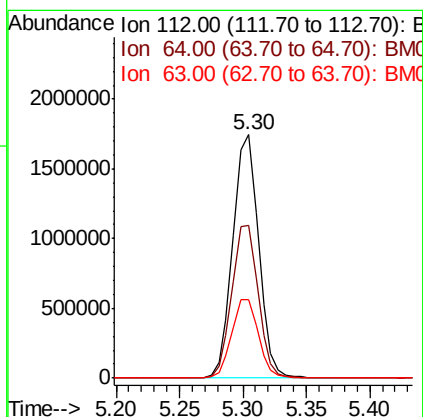
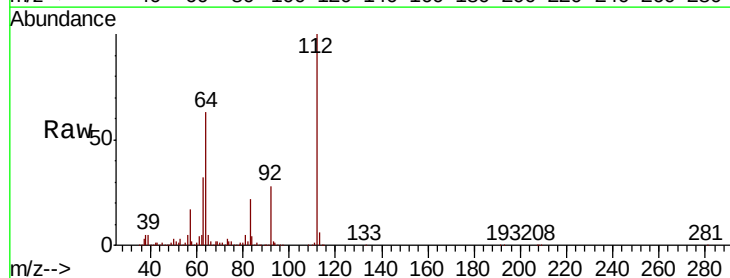
Tgt Ion:152 Resp: 326993
 Ion Ratio Lower Upper
 152 100
 150 152.2 127.3 190.9
 115 62.6 50.8 76.2

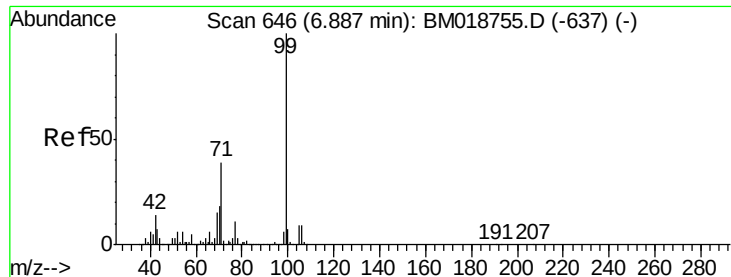


#5

2-Fluorophenol
 Concen: 123.566 ng
 RT: 5.30 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: BM018830.D
 Acq: 15 Feb 2019 23:07

Tgt Ion:112 Resp: 2466028
 Ion Ratio Lower Upper
 112 100
 64 62.8 50.6 75.8
 63 32.3 25.7 38.5





#7

Phenol-d6

Concen: 106.577 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018830.D

Acq: 15 Feb 2019 23:07

Instrument :

BNA_M

ClientSampled :

G-021419

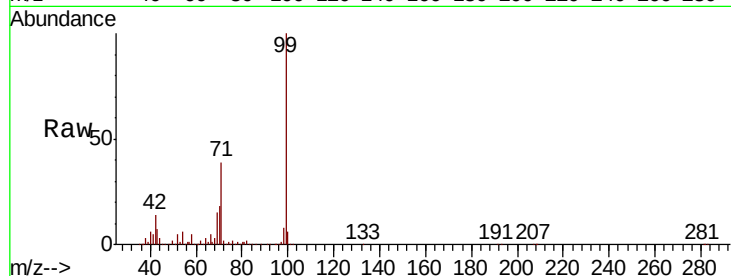
Tgt Ion: 99 Resp: 2996376

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

71 39.5 31.3 46.9

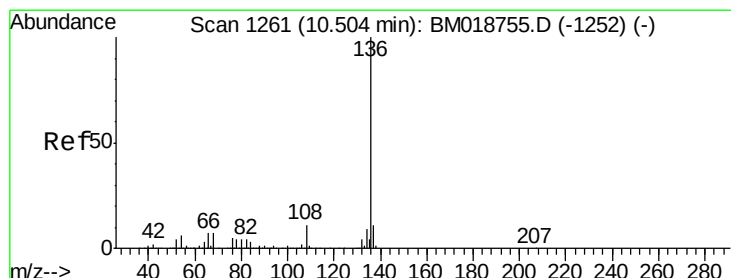
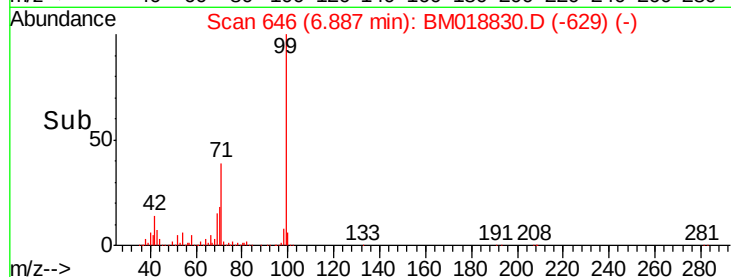
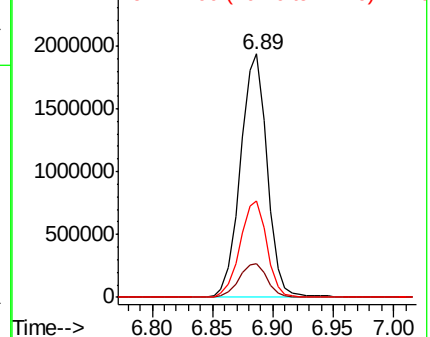


Abundance

Ion 99.00 (98.70 to 99.70): BM018830.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018830.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018830.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018830.D

Acq: 15 Feb 2019 23:07

Tgt Ion: 136 Resp: 1313525

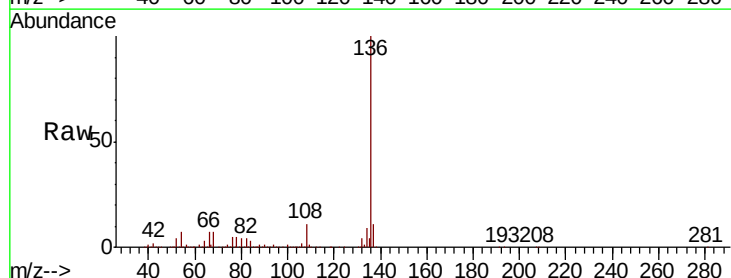
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.9 5.0 7.6

68 7.3 5.5 8.3



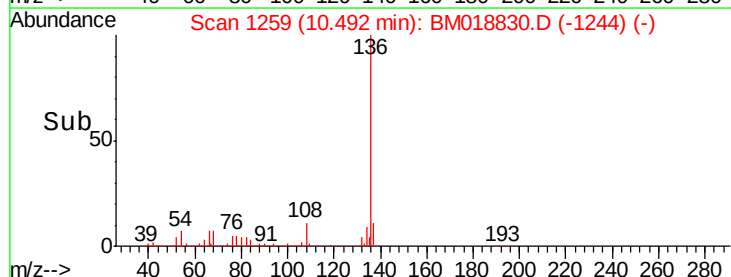
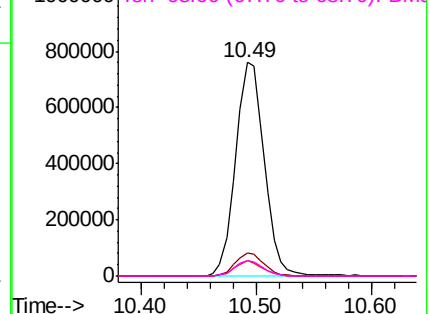
Abundance

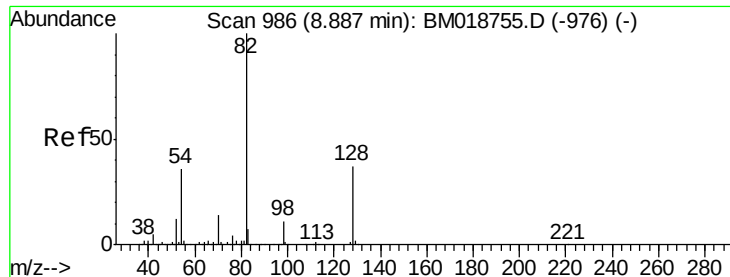
Ion 136.00 (135.70 to 136.70): BM018830.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM018830.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018830.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018830.D (-1244) (-)

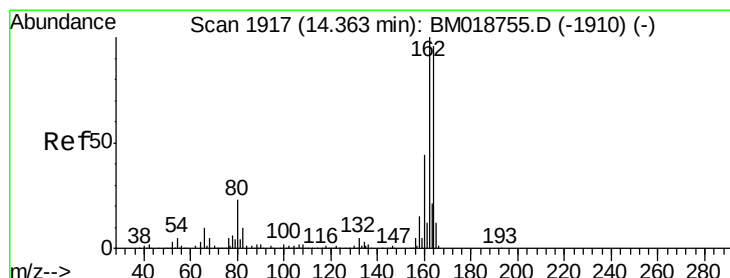
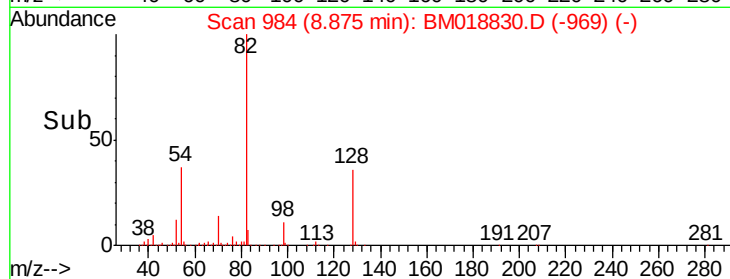
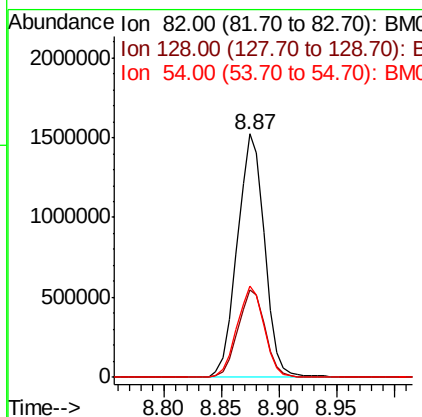
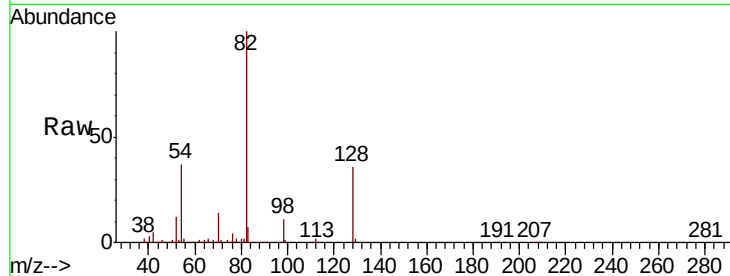




#23
 Nitrobenzene-d5
 Concen: 87.895 ng
 RT: 8.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BM018830.D
 Acq: 15 Feb 2019 23:07

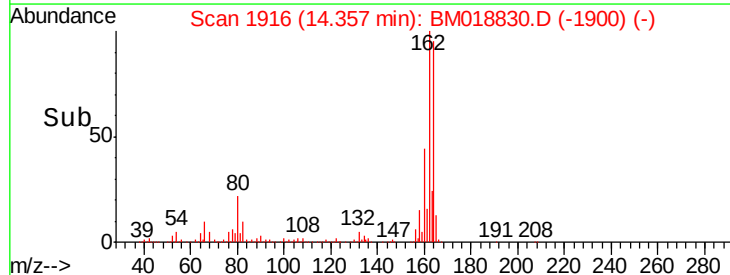
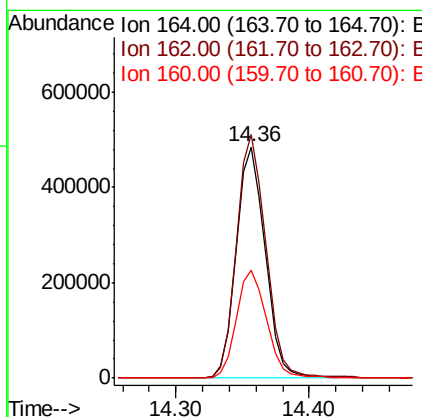
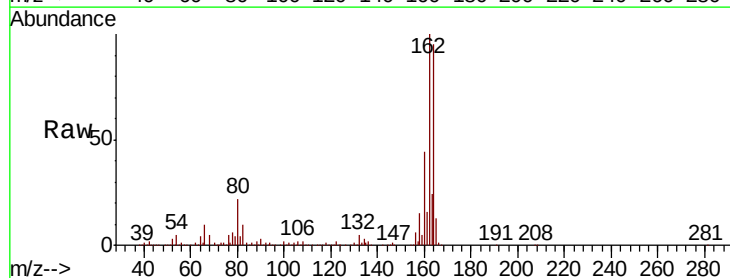
Instrument :
 BNA_M
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 G-021419

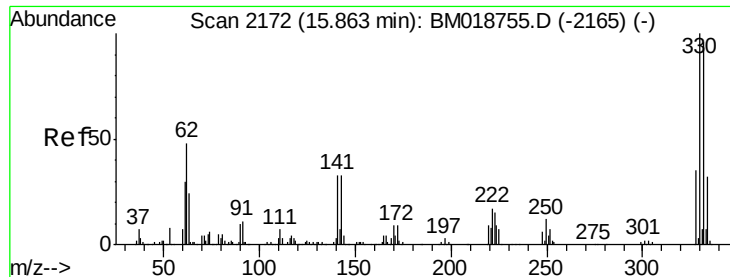
Tgt Ion: 82 Resp: 2496874
 Ion Ratio Lower Upper
 82 100
 128 36.0 29.9 44.9
 54 37.3 29.1 43.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.36 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: BM018830.D
 Acq: 15 Feb 2019 23:07

Tgt Ion: 164 Resp: 732477
 Ion Ratio Lower Upper
 164 100
 162 105.5 83.4 125.0
 160 46.6 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 133.547 ng

RT: 15.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018830.D

Acq: 15 Feb 2019 23:07

Instrument :

BNA_M

ClientSampleId :

G-021419

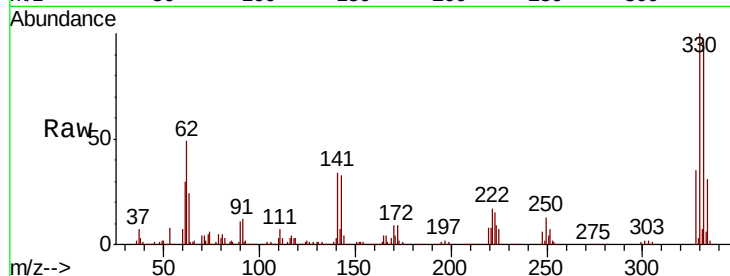
Tgt Ion:330 Resp: 1410051

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

141 37.4 28.7 43.1

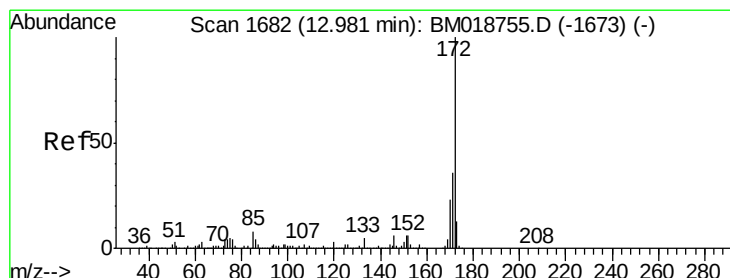
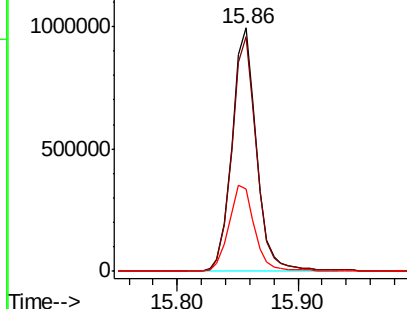
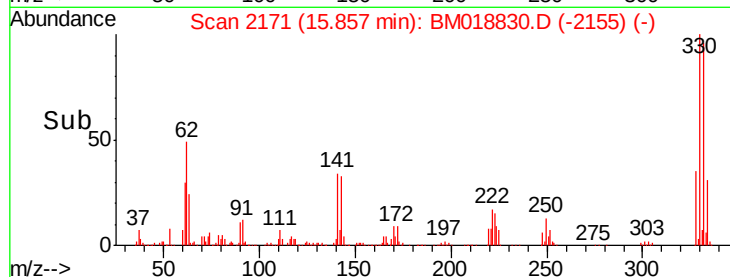


Abundance

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: 87.987 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BM018830.D

Acq: 15 Feb 2019 23:07

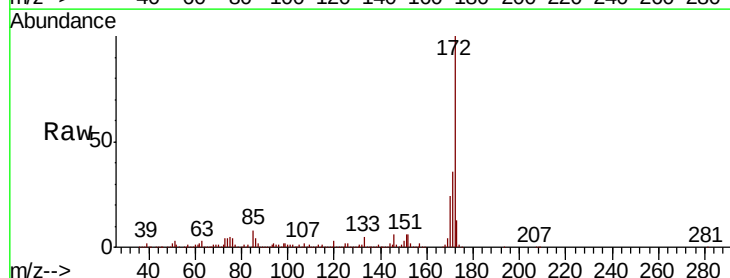
Tgt Ion:172 Resp: 4854970

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

170 23.9 18.6 28.0

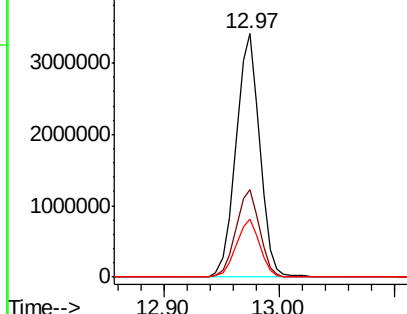
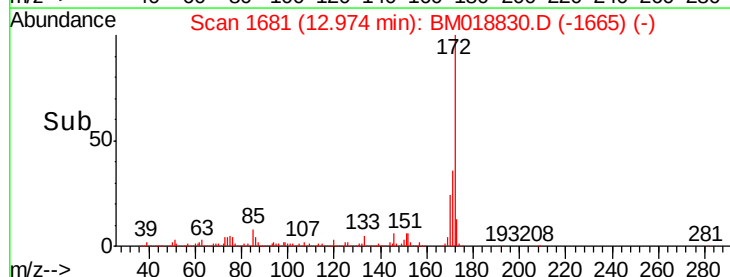


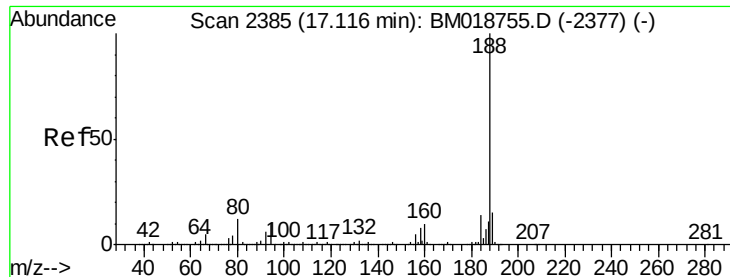
Abundance

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: BM018830.D

Acq: 15 Feb 2019 23:07

Instrument :

BNA_M

ClientSampleId :

G-021419

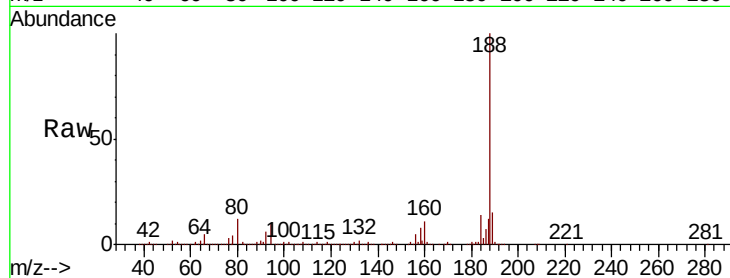
Tgt Ion:188 Resp: 1695442

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

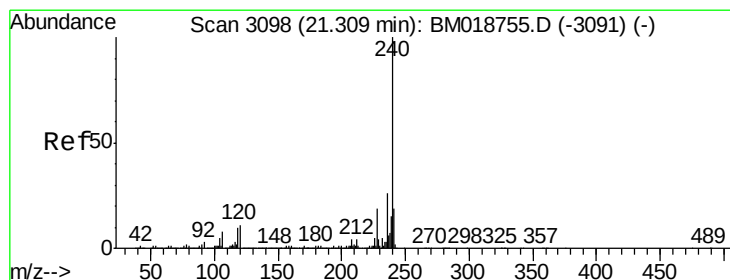
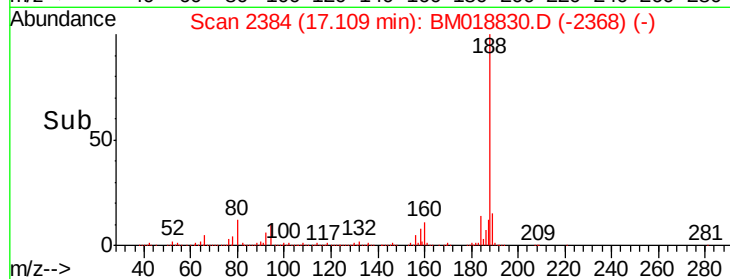
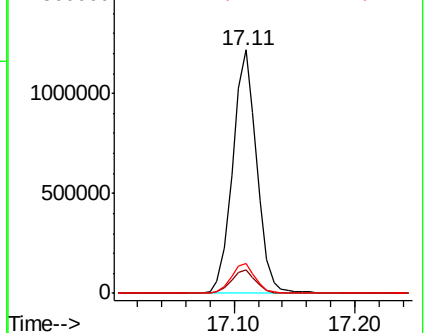
80 12.2 9.7 14.5



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: BM018830.D

Acq: 15 Feb 2019 23:07

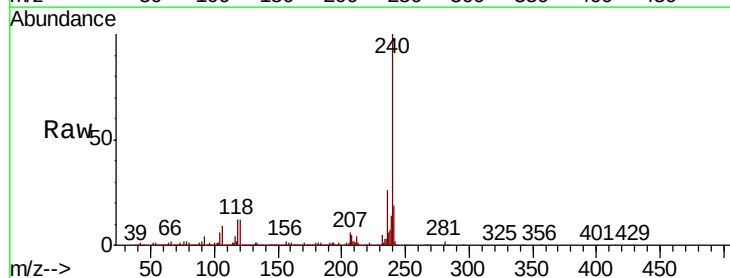
Tgt Ion:240 Resp: 1639736

Ion Ratio Lower Upper

240 100

120 12.1 8.9 13.3

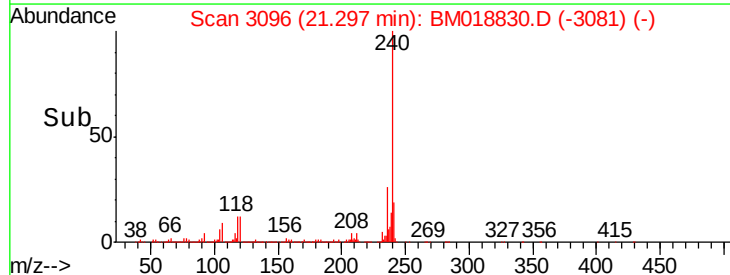
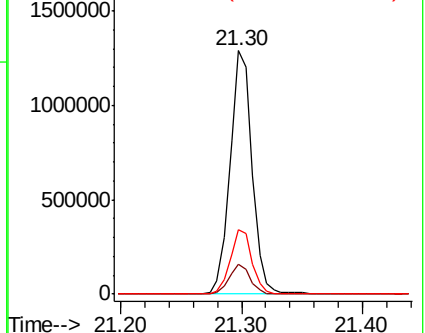
236 26.2 20.9 31.3

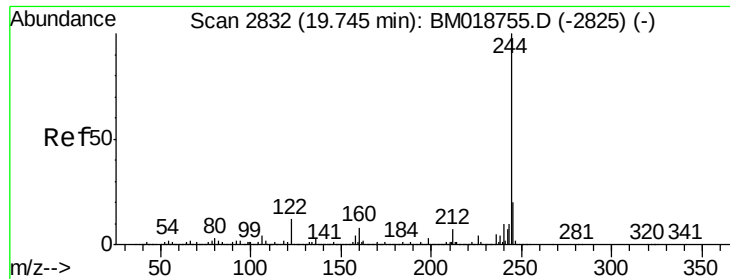


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 102.690 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018830.D

Acq: 15 Feb 2019 23:07

Instrument :

BNA_M

ClientSampleId :

G-021419

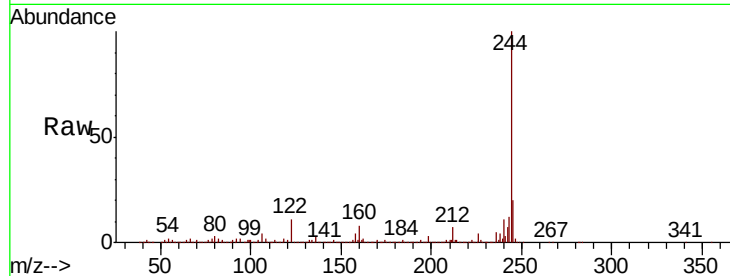
Tgt Ion:244 Resp: 8162542

Ion Ratio Lower Upper

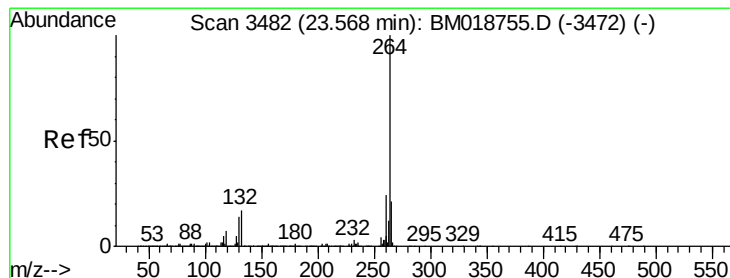
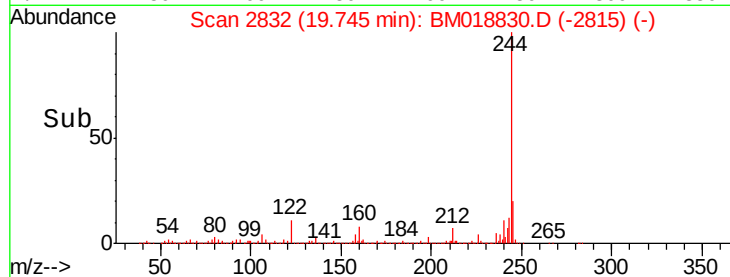
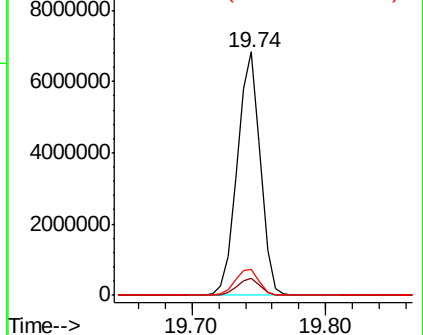
244 100

212 7.2 5.6 8.4

122 10.6 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: BM018830.D

Acq: 15 Feb 2019 23:07

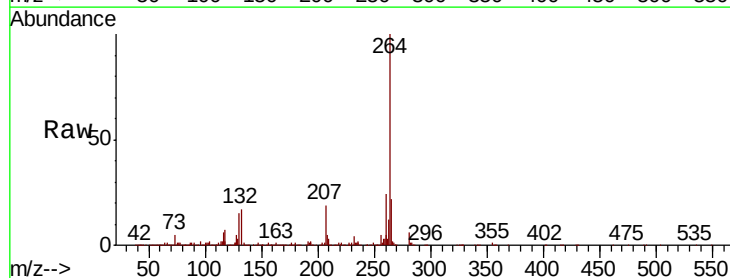
Tgt Ion:264 Resp: 1382011

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 22.3 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

