

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021519\
 Data File : BM018826.D
 Acq On : 15 Feb 2019 20:43
 Operator : JU/SJ
 Sample : K1484-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 M-3-D

Quant Time: Feb 15 22:23:51 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

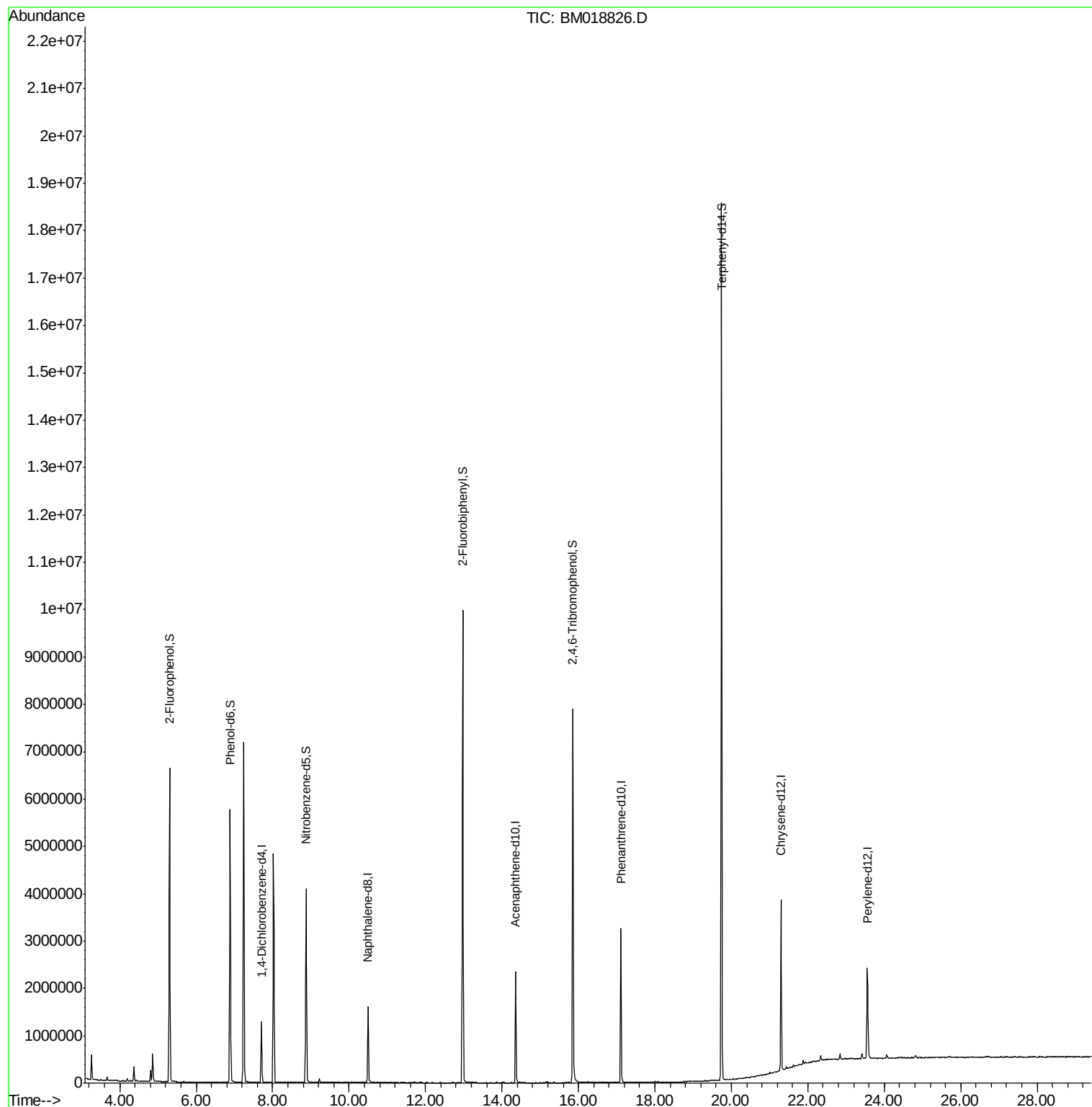
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	333274	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1331222	20.00	ng	-0.01
39) Acenaphthene-d10	14.36	164	742392	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1697450	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1634561	20.00	ng	0.00
87) Perylene-d12	23.56	264	1361302	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2608047	128.22	ng	0.00
7) Phenol-d6	6.89	99	3222563	112.46	ng	0.00
23) Nitrobenzene-d5	8.87	82	2605555	90.50	ng	-0.01
42) 2,4,6-Tribromophenol	15.86	330	1450341	135.53	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4817374	86.14	ng	0.00
79) Terphenyl-d14	19.74	244	8291210	104.64	ng	0.00
Target Compounds						
9) Benzaldehyde	6.89	77	6702	Below Cal	Qvalue #	16

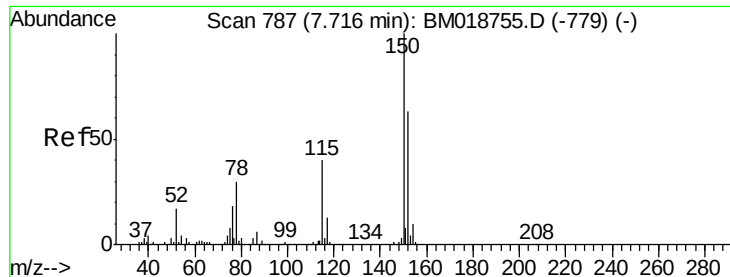
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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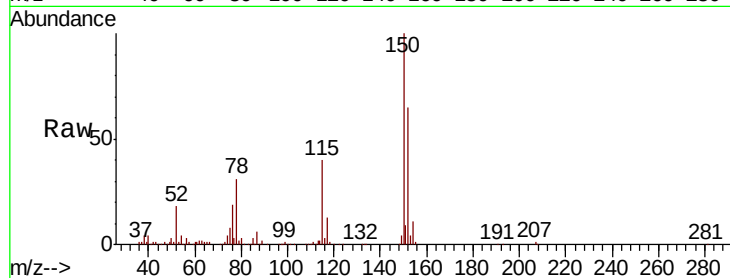


#1

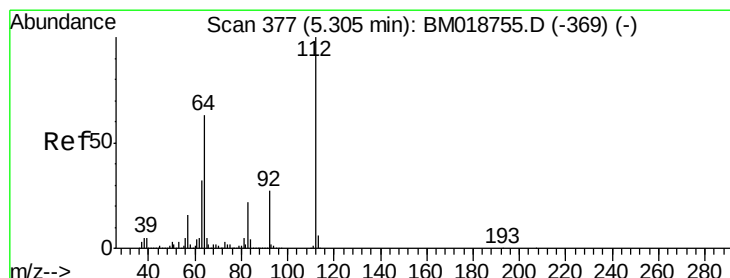
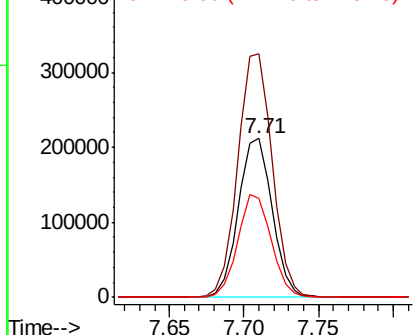
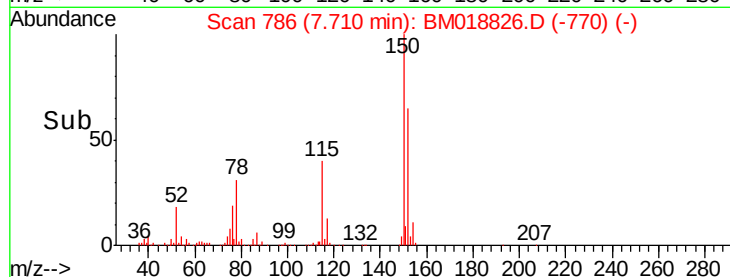
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BM018826.D
 Acq: 15 Feb 2019 20:43

Instrument :
 BNA_M
 ClientSampleId :
 M-3-D

Tgt Ion:152 Resp: 333274
 Ion Ratio Lower Upper
 152 100
 150 153.2 127.3 190.9
 115 62.0 50.8 76.2



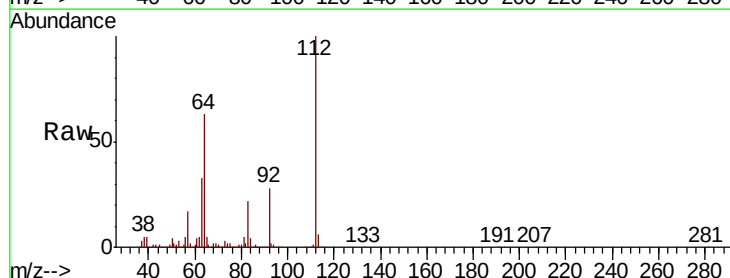
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



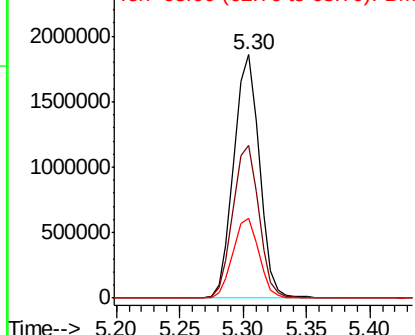
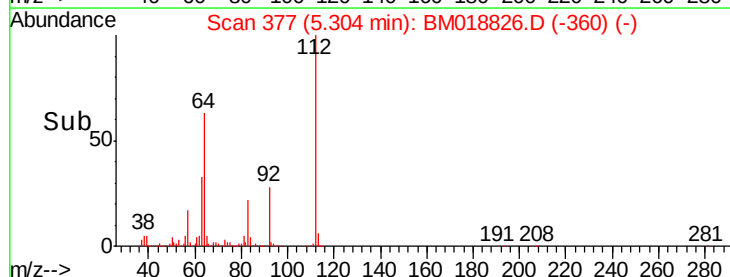
#5

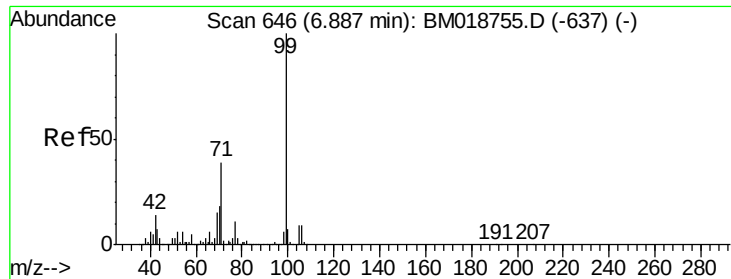
2-Fluorophenol
 Concen: 128.219 ng
 RT: 5.30 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: BM018826.D
 Acq: 15 Feb 2019 20:43

Tgt Ion:112 Resp: 2608047
 Ion Ratio Lower Upper
 112 100
 64 63.0 50.6 75.8
 63 32.9 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: 112.462 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018826.D

Acq: 15 Feb 2019 20:43

Instrument :

BNA_M

ClientSampled :

M-3-D

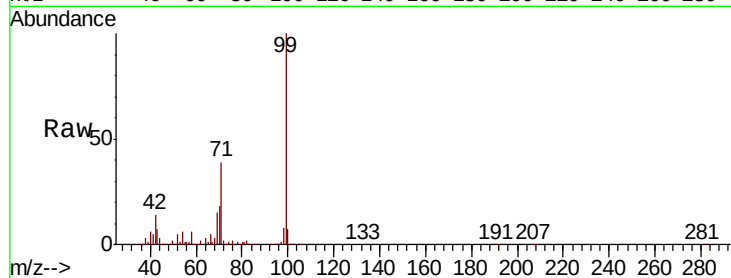
Tgt Ion: 99 Resp: 3222563

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.6

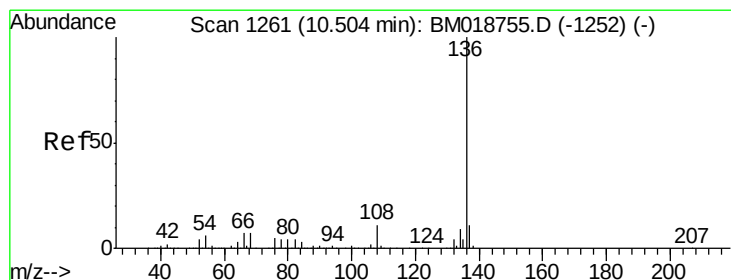
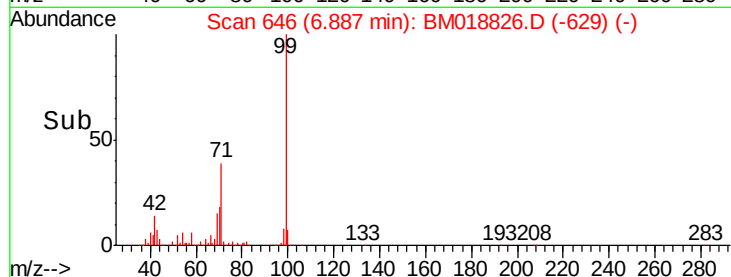
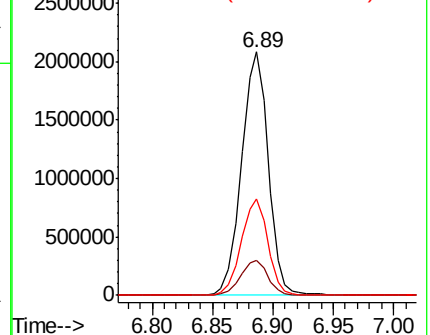
71 39.5 31.3 46.9



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: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018826.D

Acq: 15 Feb 2019 20:43

Tgt Ion: 136 Resp: 1331222

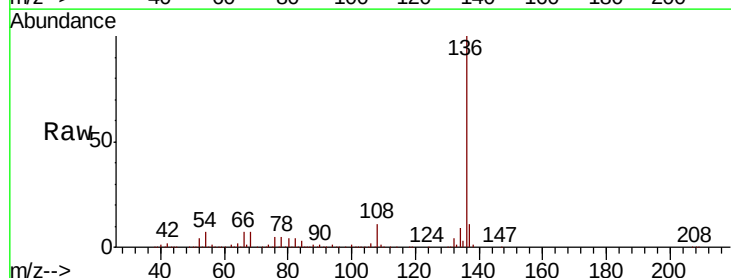
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.0 5.0 7.6

68 7.2 5.5 8.3

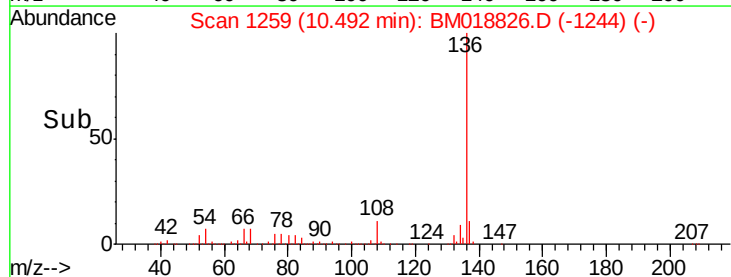
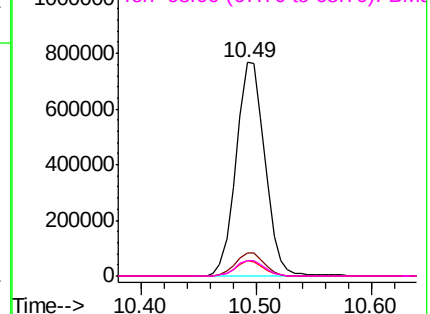


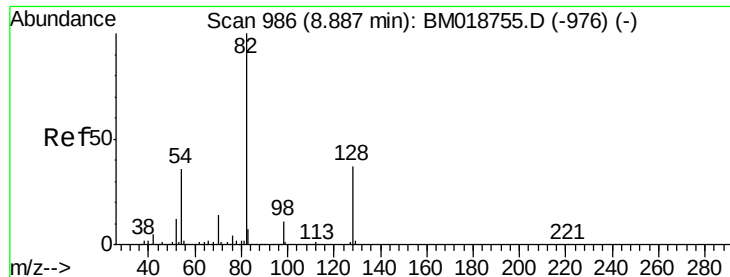
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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: 90.501 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM018826.D

Acq: 15 Feb 2019 20:43

Instrument :

BNA_M

ClientSampleId :

M-3-D

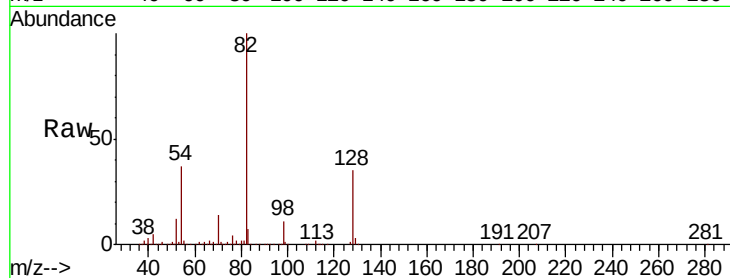
Tgt Ion: 82 Resp: 2605555

Ion Ratio Lower Upper

82 100

128 35.4 29.9 44.9

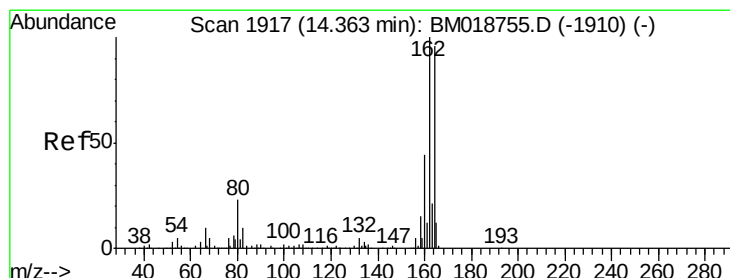
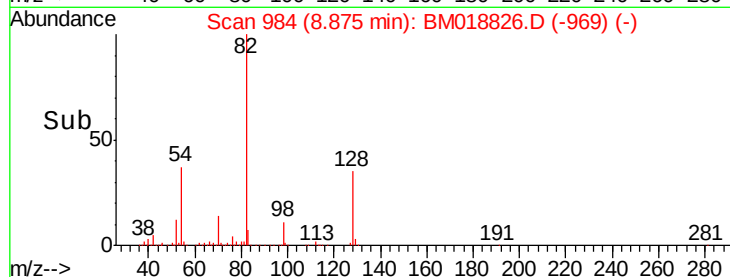
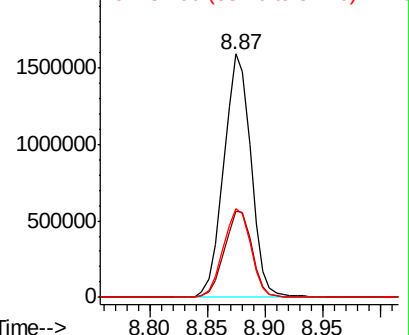
54 36.7 29.1 43.7



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: BM018826.D

Acq: 15 Feb 2019 20:43

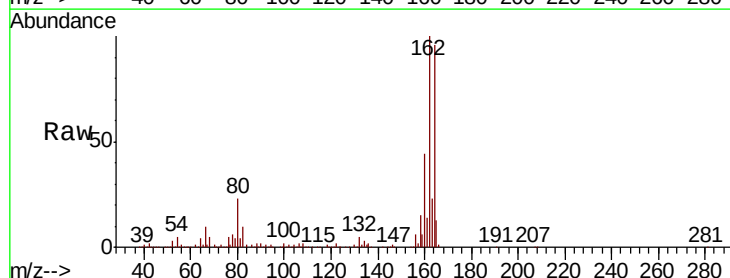
Tgt Ion: 164 Resp: 742392

Ion Ratio Lower Upper

164 100

162 103.9 83.4 125.0

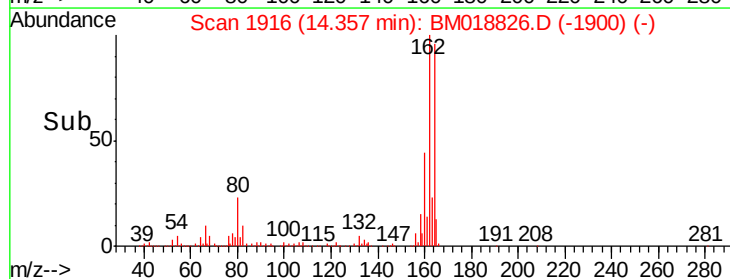
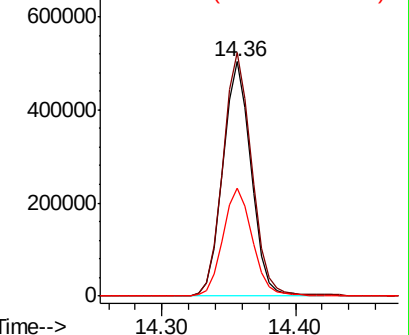
160 45.8 36.6 55.0

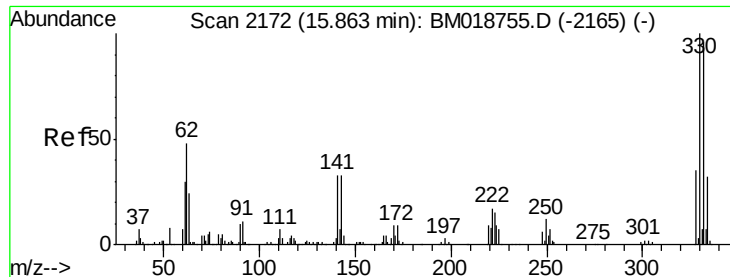


Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)

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: 135.528 ng

RT: 15.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018826.D

Acq: 15 Feb 2019 20:43

Instrument :

BNA_M

ClientSampleId :

M-3-D

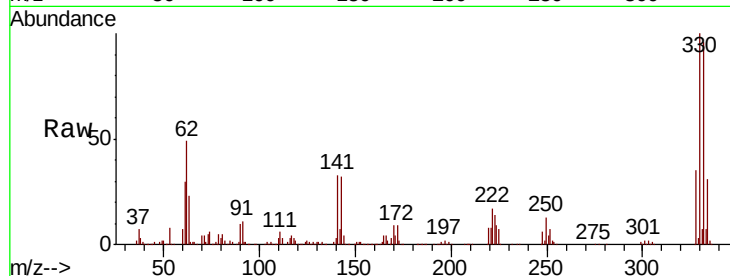
Tgt Ion:330 Resp: 1450341

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

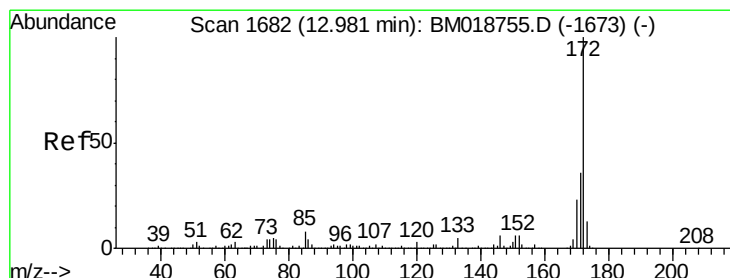
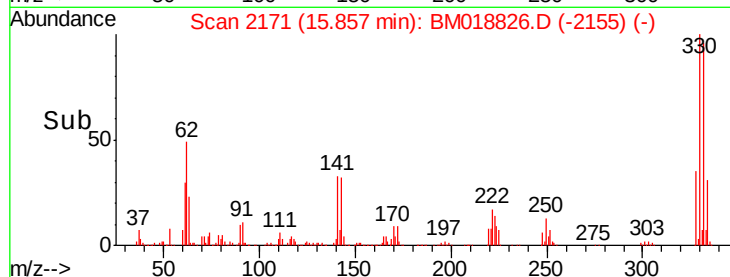
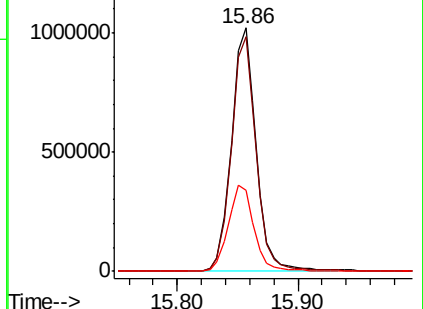
141 36.8 28.7 43.1



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: 86.140 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BM018826.D

Acq: 15 Feb 2019 20:43

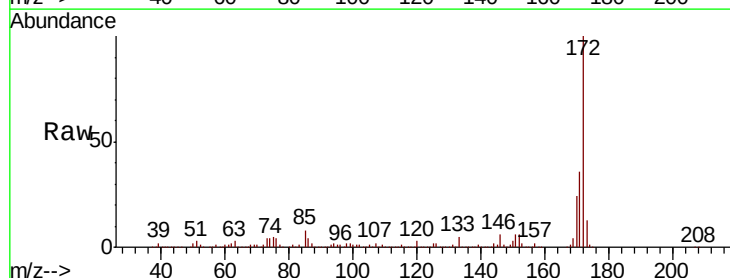
Tgt Ion:172 Resp: 4817374

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

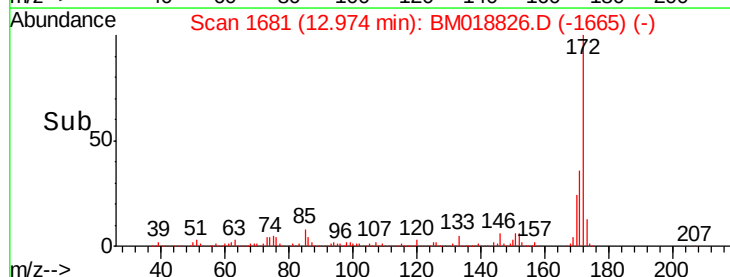
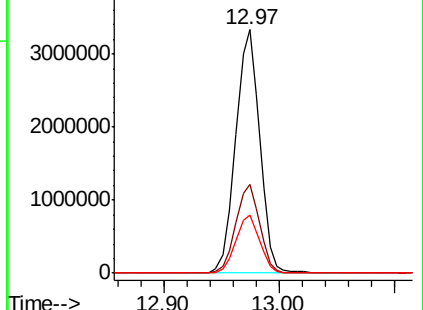
170 23.8 18.6 28.0

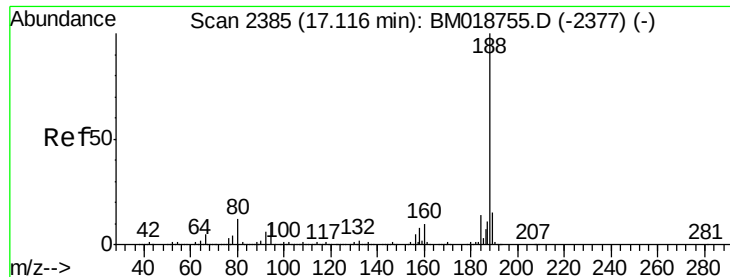


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

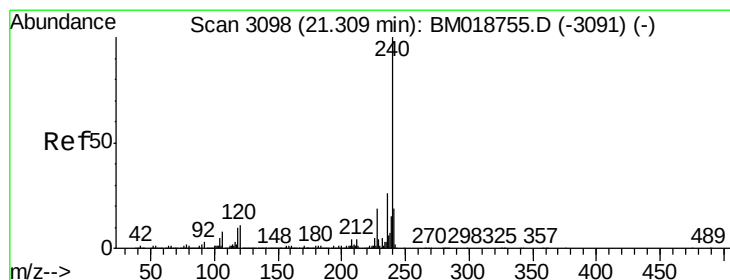
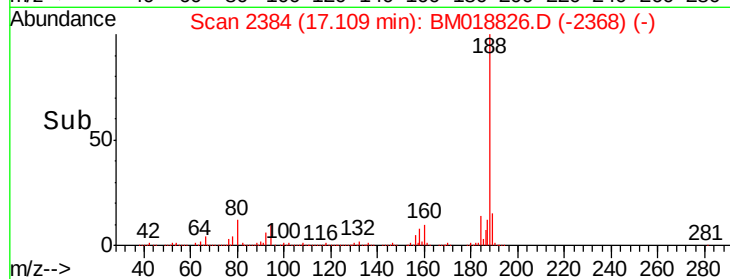
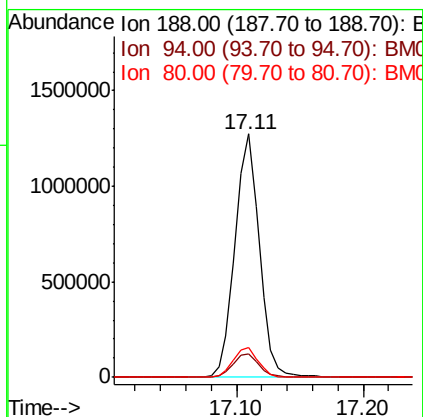
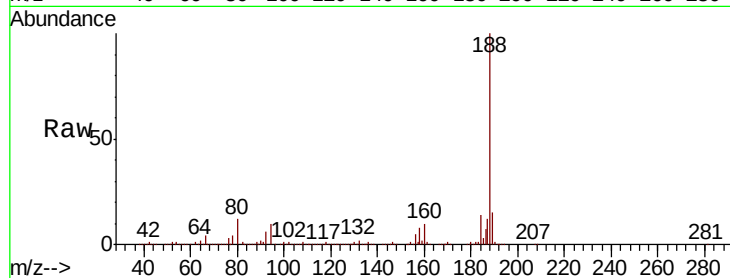




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018826.D
Acq: 15 Feb 2019 20:43

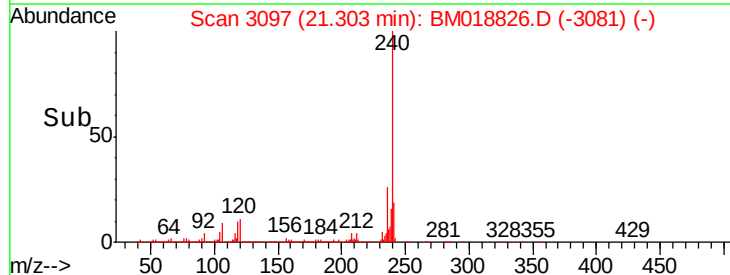
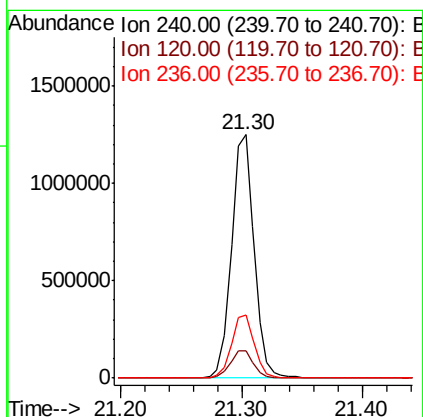
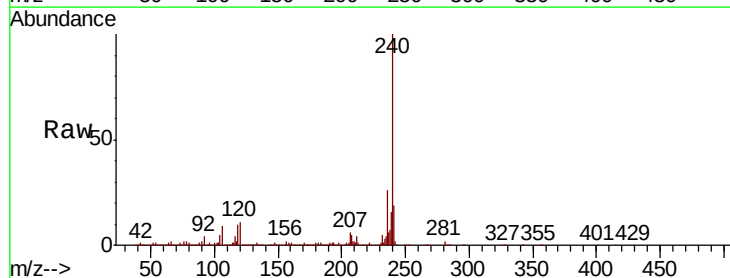
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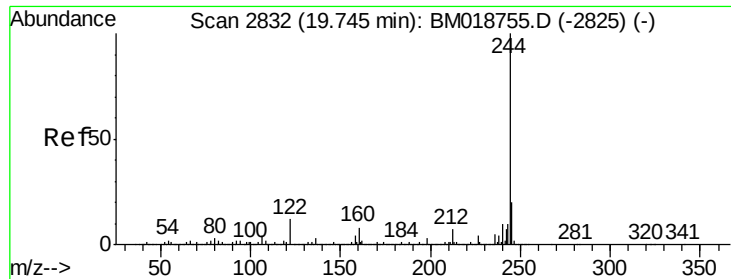
Tgt Ion:188 Resp: 1697450
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 12.1 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018826.D
Acq: 15 Feb 2019 20:43

Tgt Ion:240 Resp: 1634561
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.0 20.9 31.3

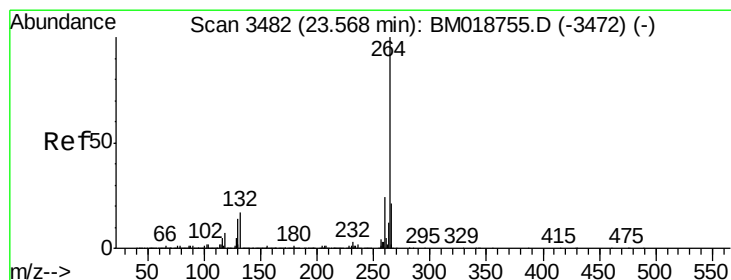
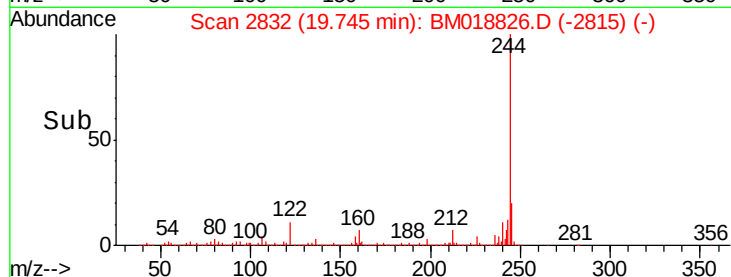
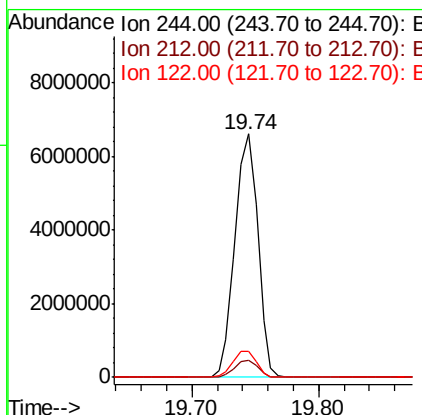
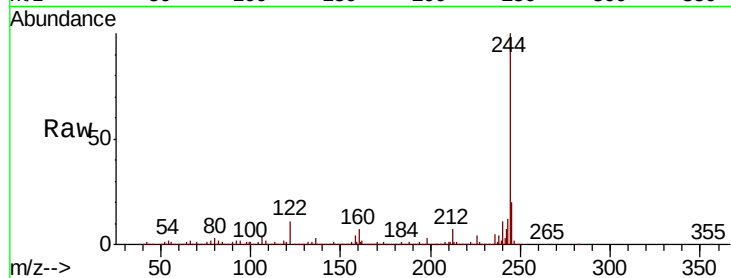




#79
 Terphenyl-d14
 Concen: 104.639 ng
 RT: 19.74 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BM018826.D
 Acq: 15 Feb 2019 20:43

Instrument :
 BNA_M
 ClientSampleId :
 M-3-D

Tgt Ion:244 Resp: 8291210
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 10.9 9.3 13.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.56 min Scan# 3480
 Delta R.T. -0.01 min
 Lab File: BM018826.D
 Acq: 15 Feb 2019 20:43

Tgt Ion:264 Resp: 1361302
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 22.1 17.3 25.9

