

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 23:23:08 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	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

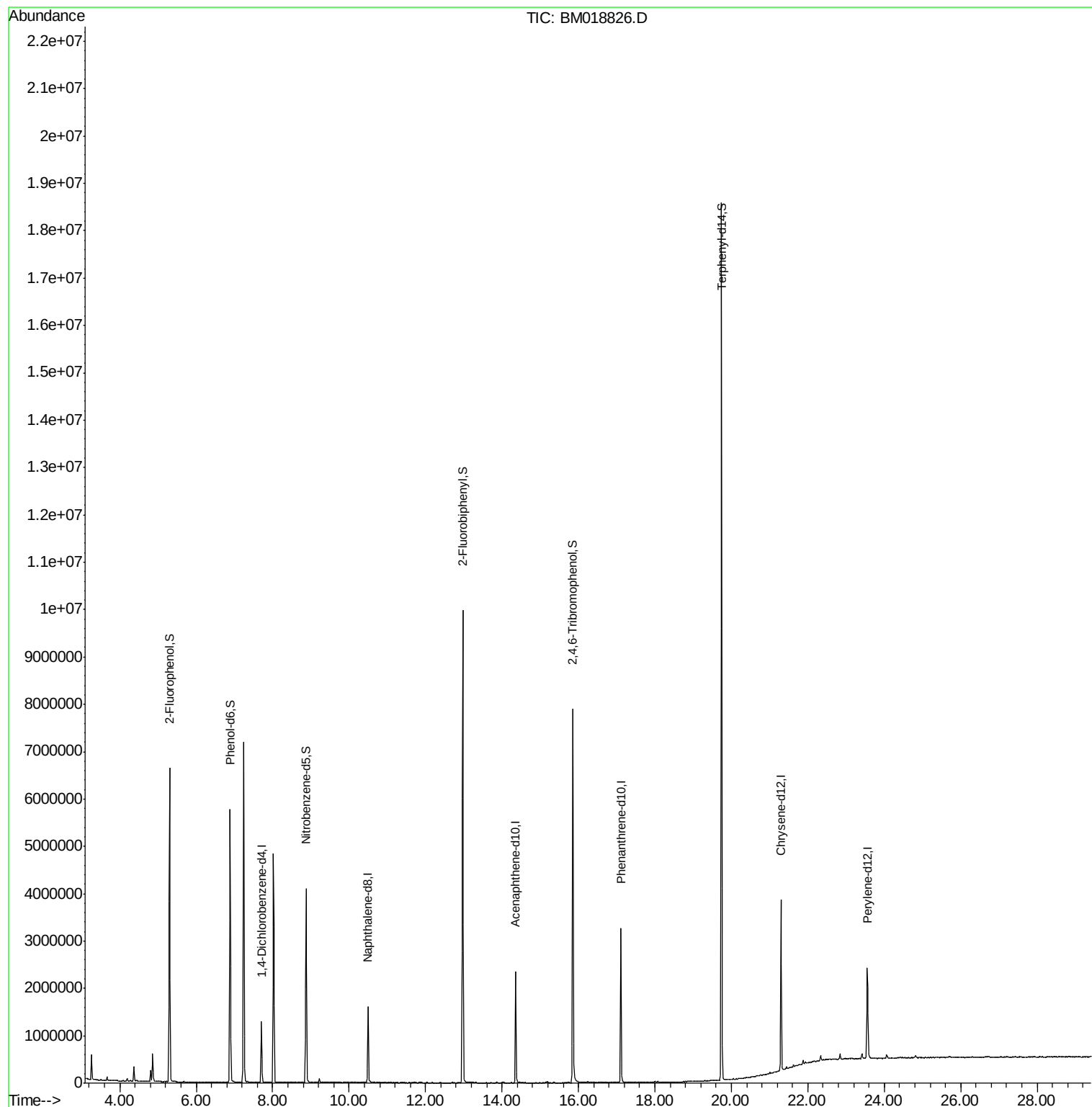
Target Compounds Qvalue

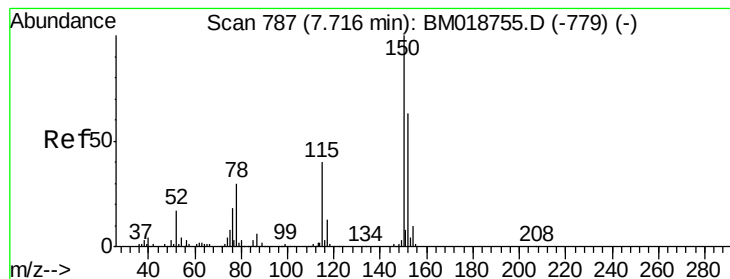
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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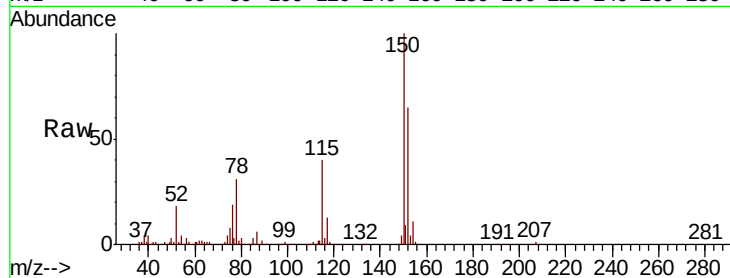


#1

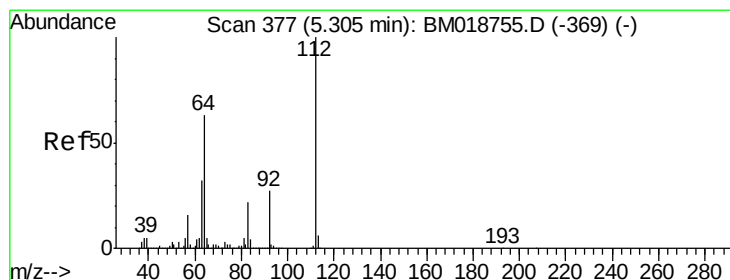
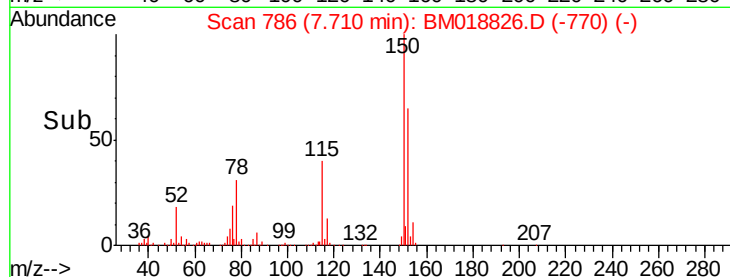
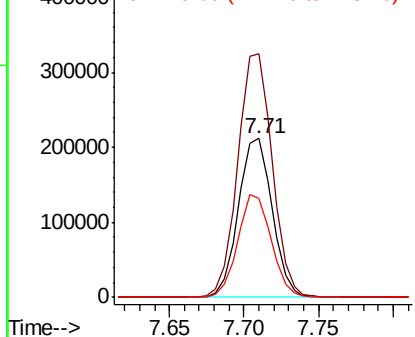
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018826.D
Acq: 15 Feb 2019 20:43

Instrument :
BNA_M
ClientSampleId :
M-3-D

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



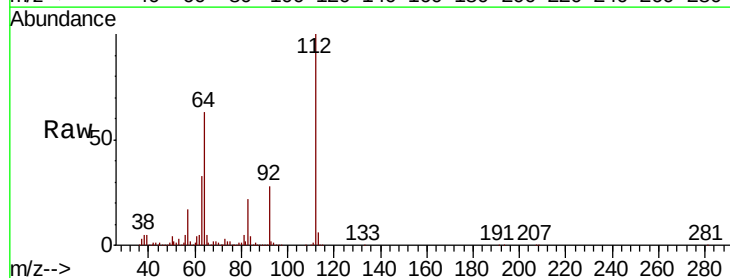
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



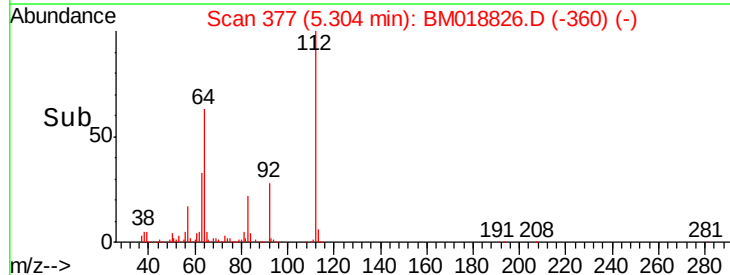
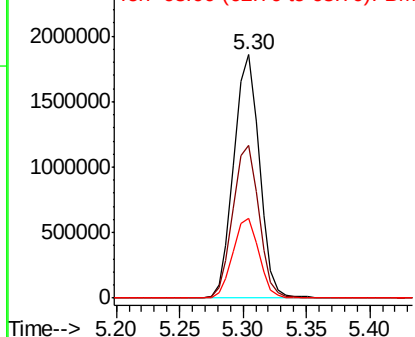
#5

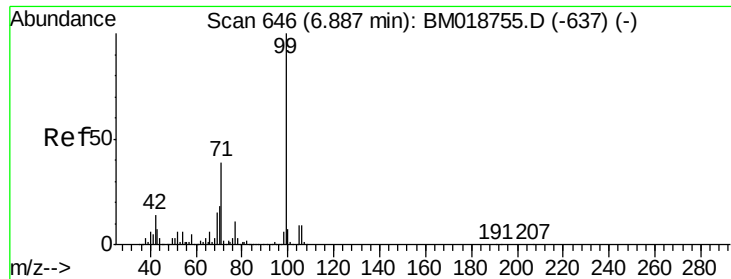
2-Fluorophenol
Concen: 128.219 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018826.D
Acq: 15 Feb 2019 20:43

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 :

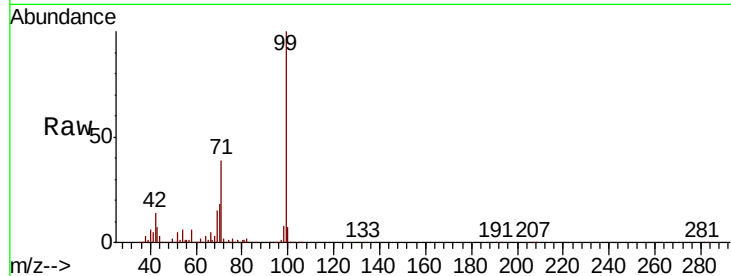
BNA_M

ClientSampled :

M-3-D

Tot Ion: 99 Resp: 3222563

Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.0	16.6
71	39.5	31.3	46.9

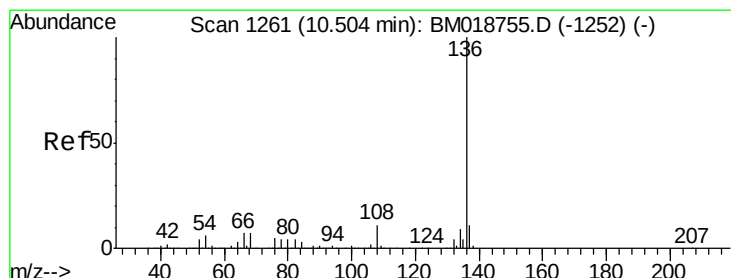
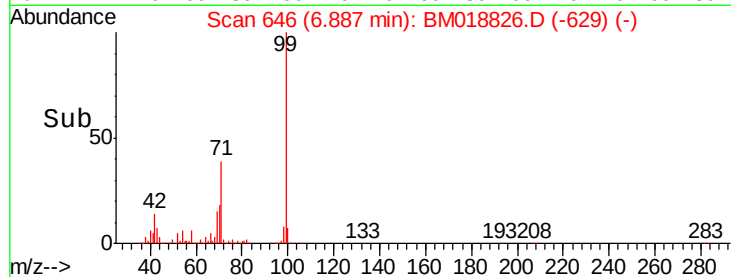
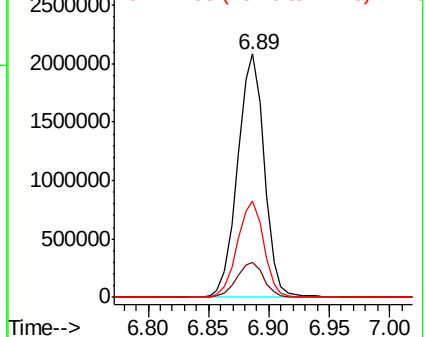


Abundance

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

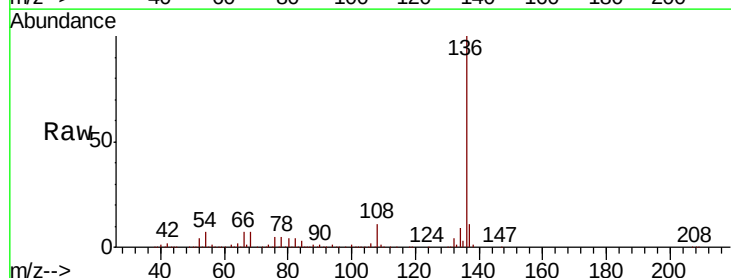
Delta R.T. -0.01 min

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



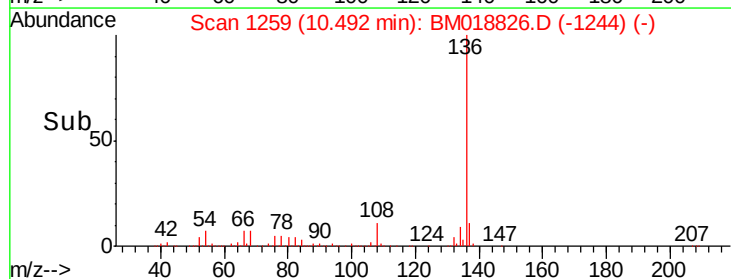
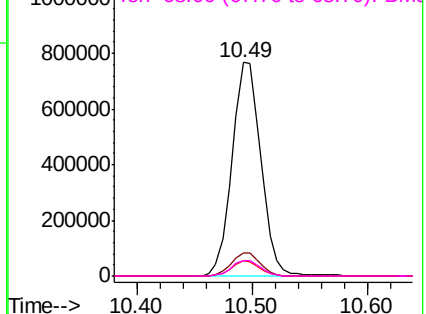
Abundance

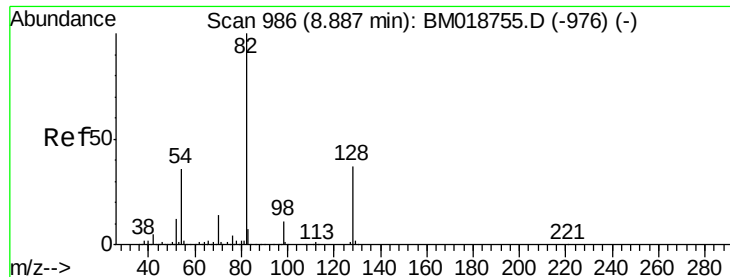
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

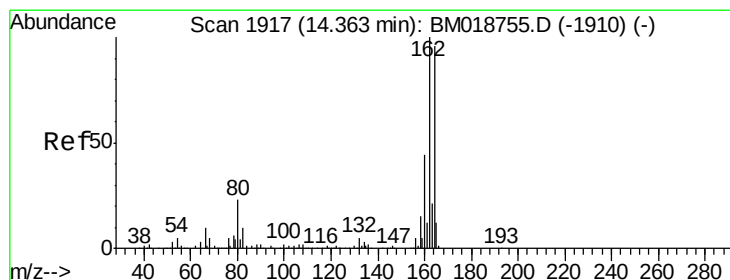
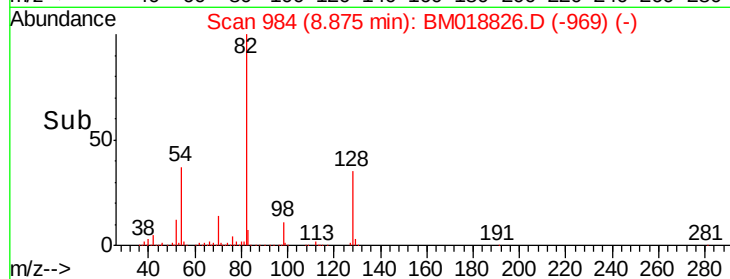
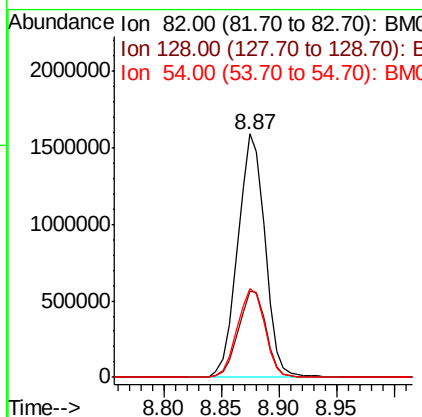
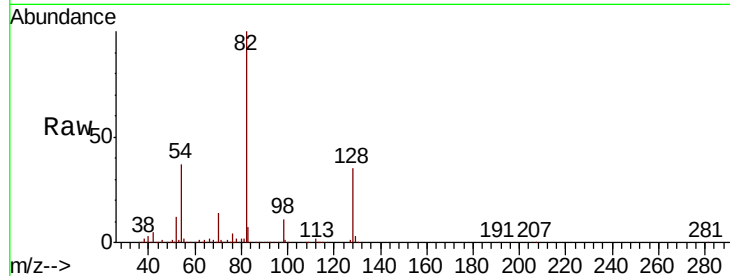




#23
Nitrobenzene-d5
Concen: 90.501 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM018826.D
Acq: 15 Feb 2019 20:43

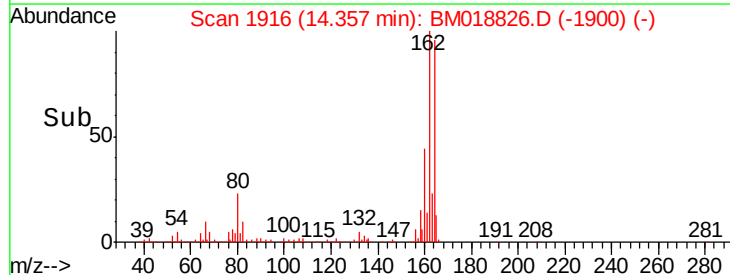
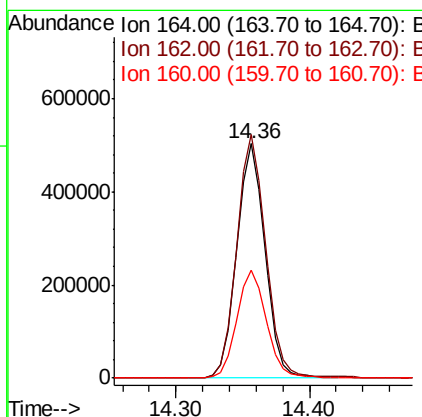
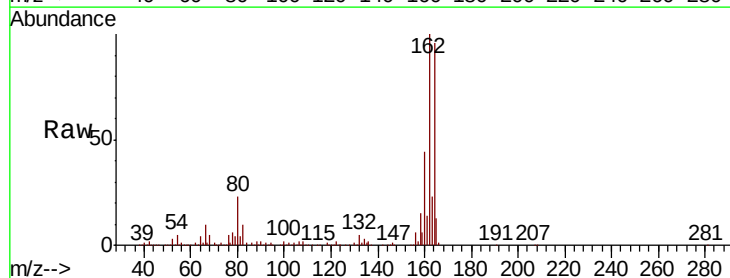
Instrument :
BNA_M
ClientSampleId :
M-3-D

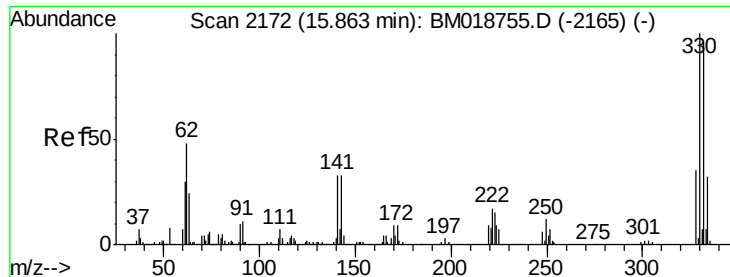
Tot Ion: 82 Resp: 2605555
Ion Ratio Lower Upper
82 100
128 35.4 29.9 44.9
54 36.7 29.1 43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: 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





#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

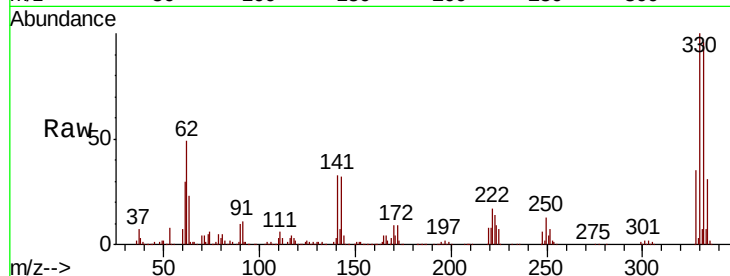
Tot Ion:330 Resp: 1450341

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

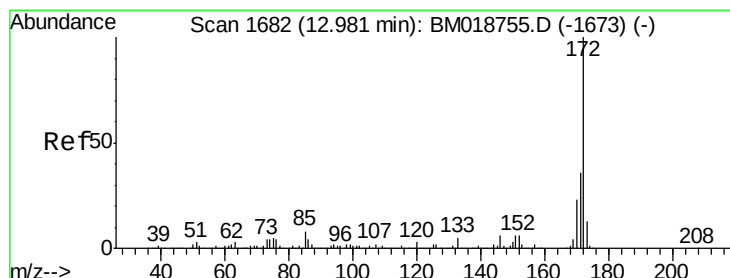
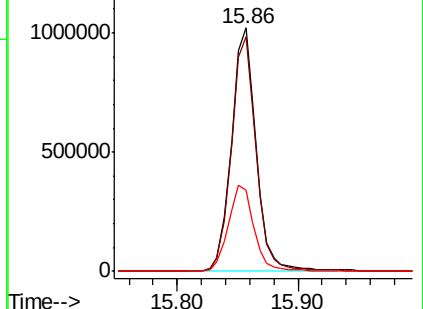
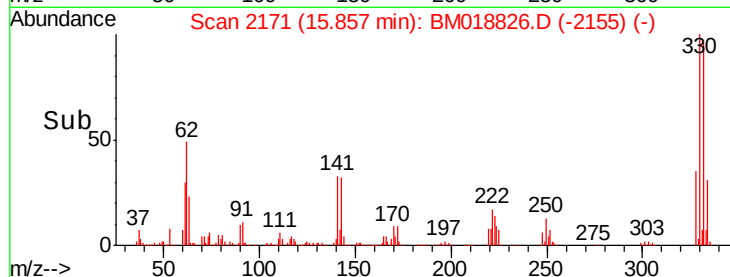
141 36.8 28.7 43.1



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

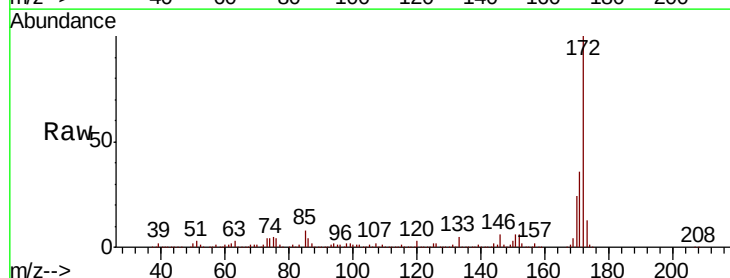
Tgt Ion:172 Resp: 4817374

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

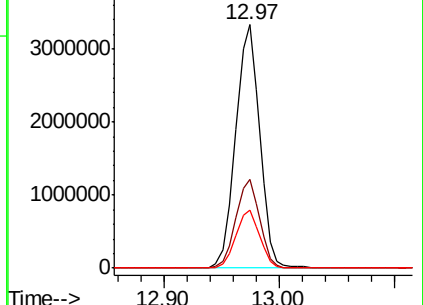
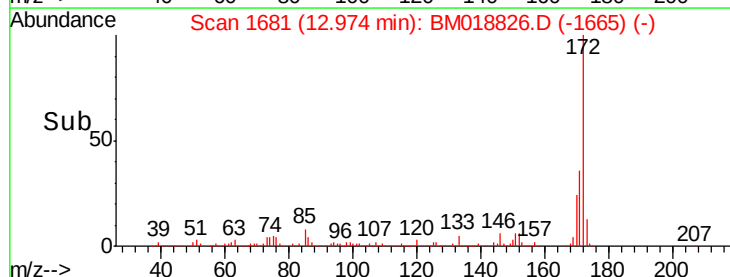
170 23.8 18.6 28.0

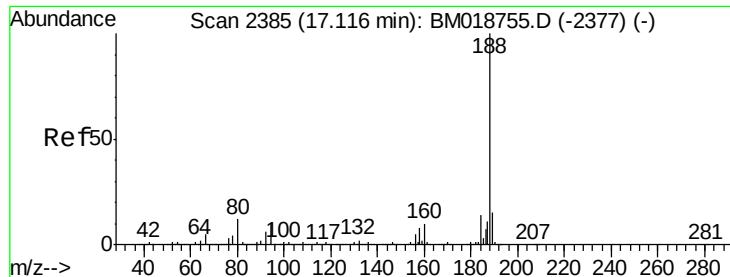


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

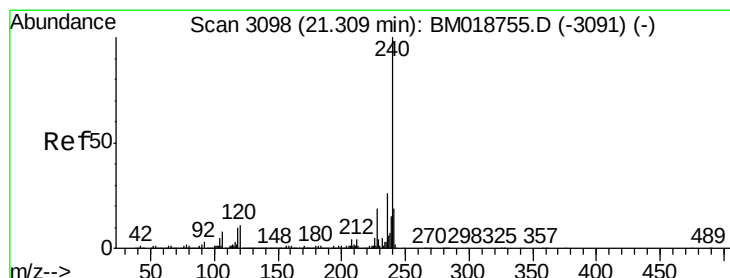
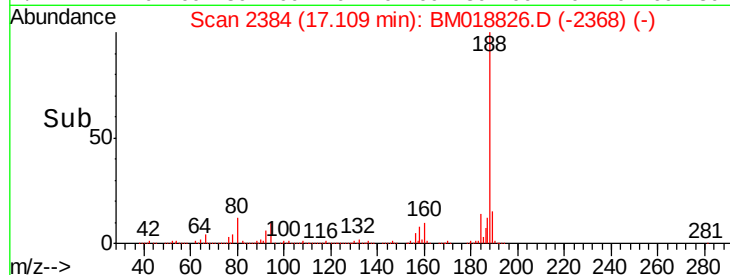
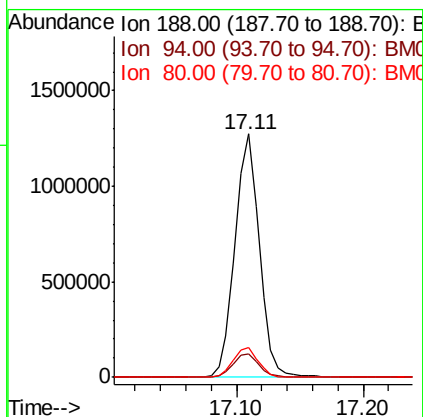
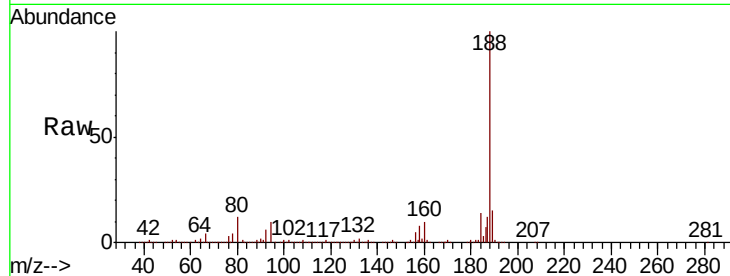




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018826.D
Acq: 15 Feb 2019 20:43

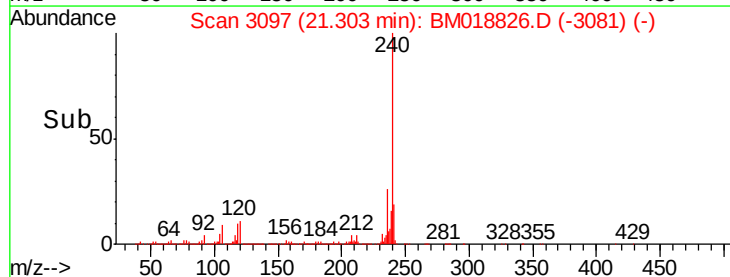
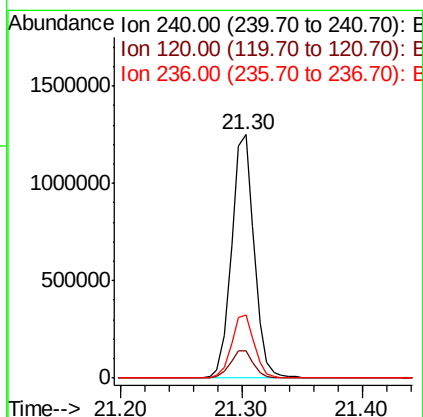
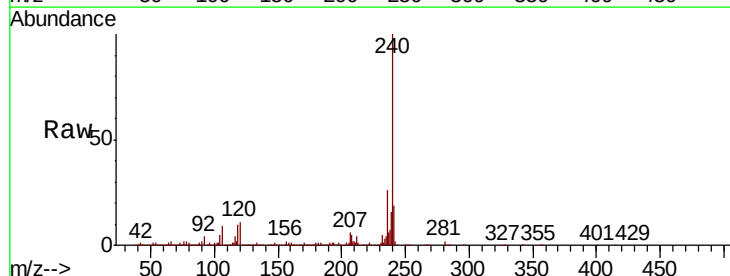
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ClientSampleId :
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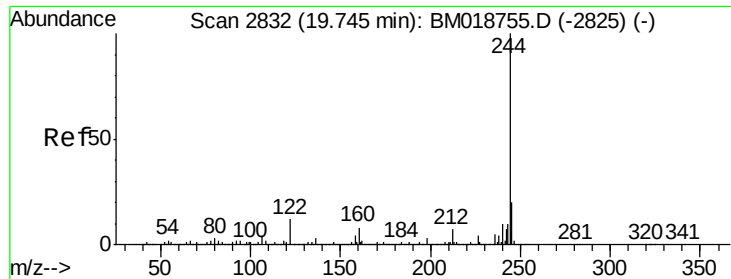
Tot Ion:188 Resp: 1697450
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 12.1 9.7 14.5



#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

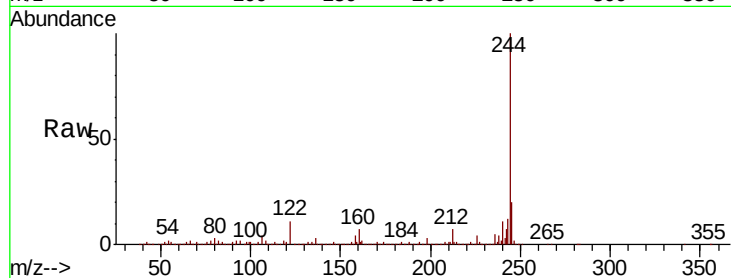
Tot Ion:244 Resp: 8291210

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

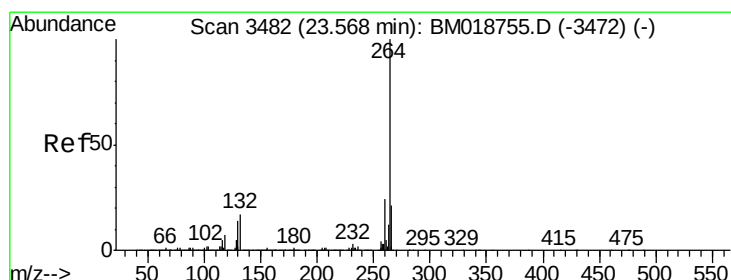
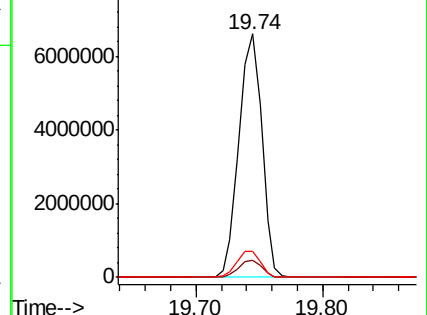
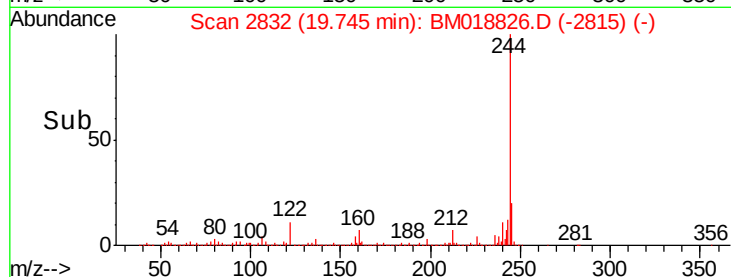
122 10.9 9.3 13.9



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: BM018826.D

Acq: 15 Feb 2019 20:43

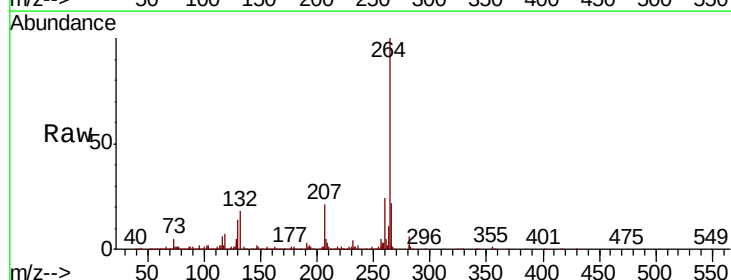
Tgt Ion:264 Resp: 1361302

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 22.1 17.3 25.9



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

