

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
 Data File : BM018426.D
 Acq On : 28 Dec 2018 09:39
 Operator : JU/SJ
 Sample : PB116023BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116023BL

Quant Time: Dec 28 11:11:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	526298	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	2157025	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	1204799	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	2581925	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2495826	20.00	ng	0.00
87) Perylene-d12	23.66	264	2207500	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	3914795	140.24	ng	0.01
7) Phenol-d6	6.96	99	5151269	132.90	ng	0.02
23) Nitrobenzene-d5	8.95	82	3071122	81.72	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	1872011	122.29	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	7745034	87.07	ng	0.00
79) Terphenyl-d14	19.81	244	10515898	89.78	ng	0.00

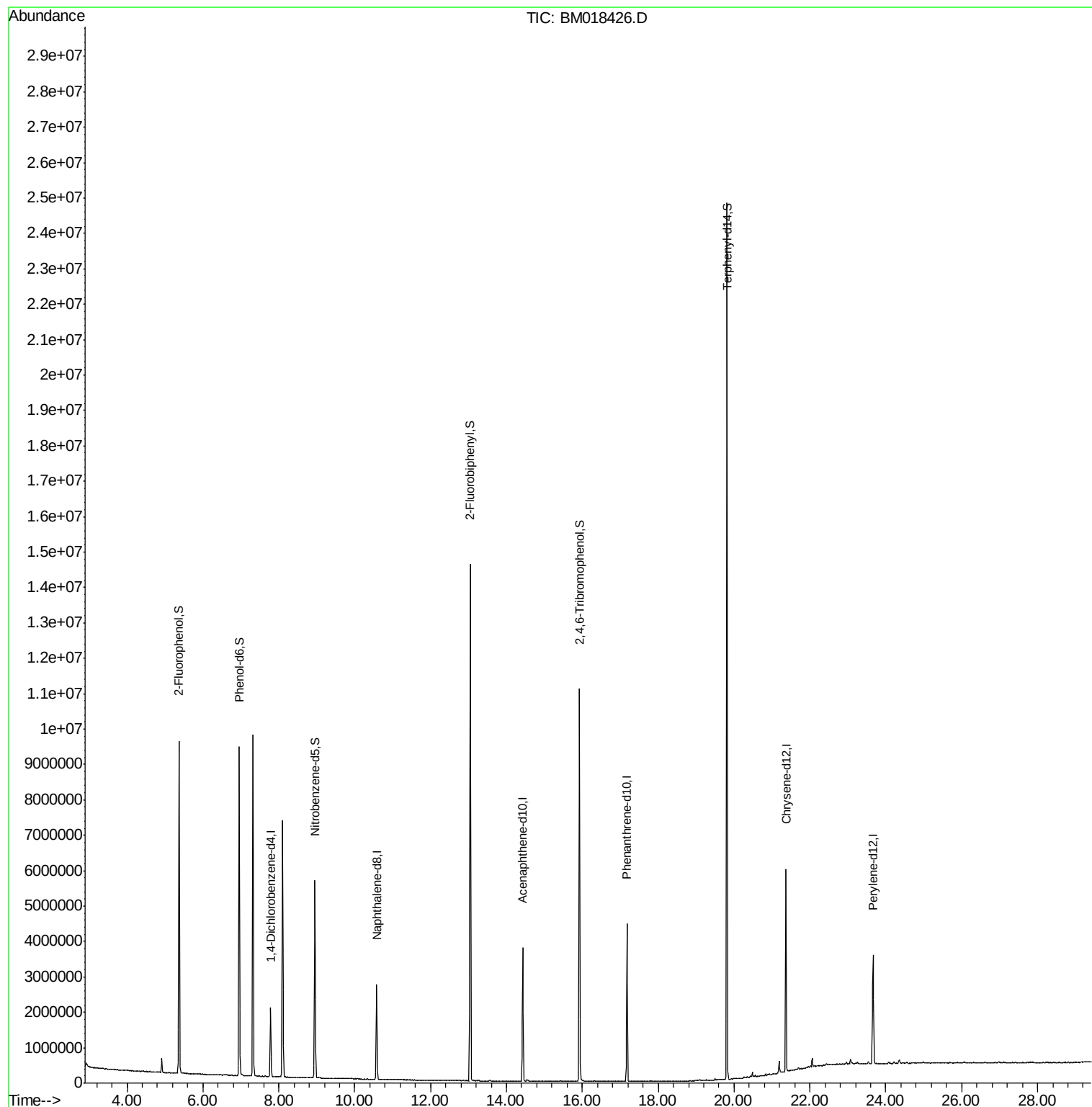
Target Compounds Qvalue

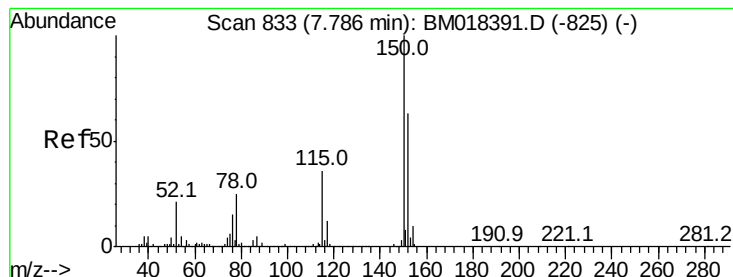
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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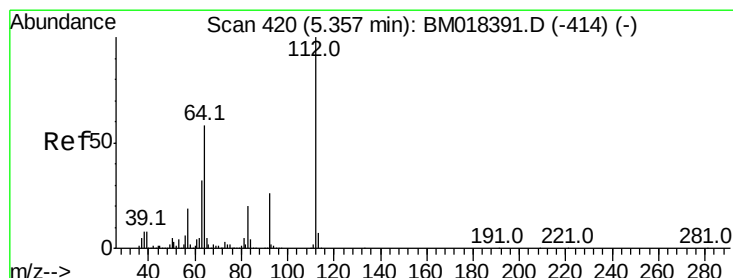
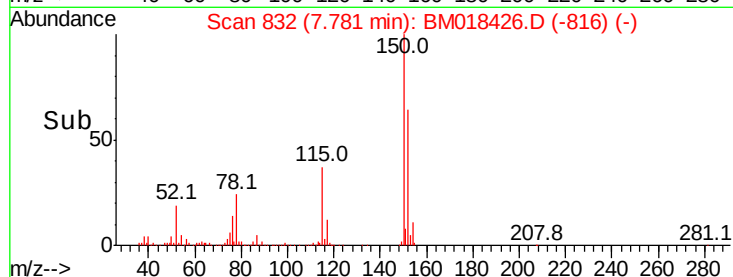
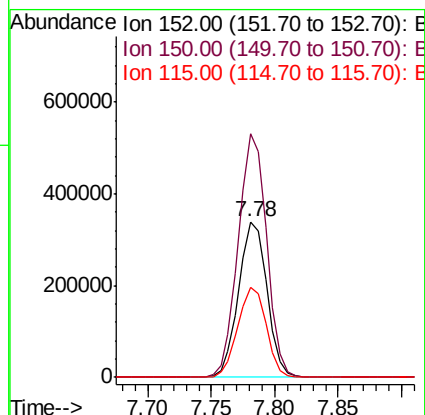
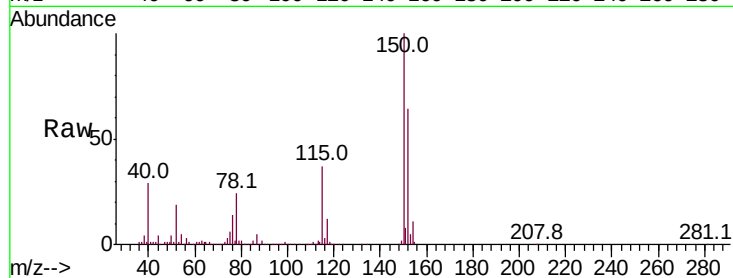


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018426.D
Acq: 28 Dec 2018 09:39

Instrument :
BNA_M
ClientSampleId :
PB116023BL

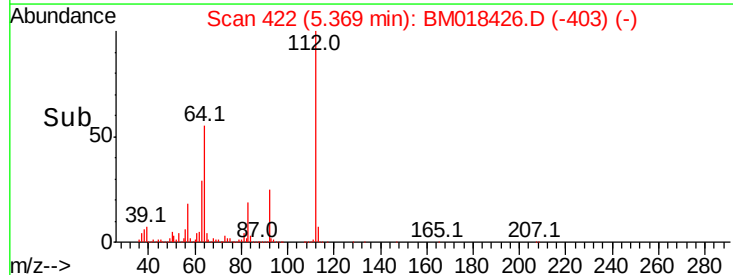
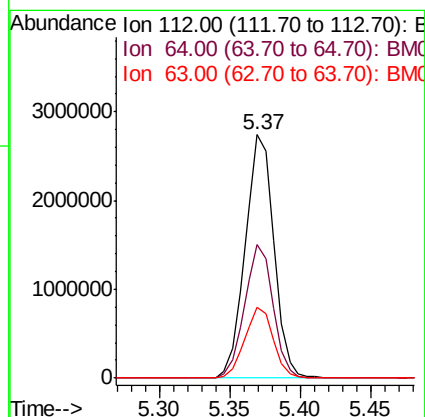
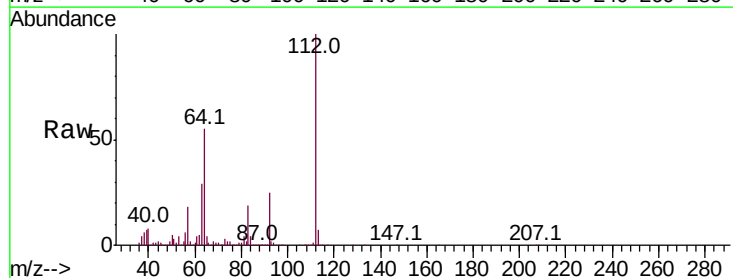
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.9	190.3
115	58.2	45.5	68.3

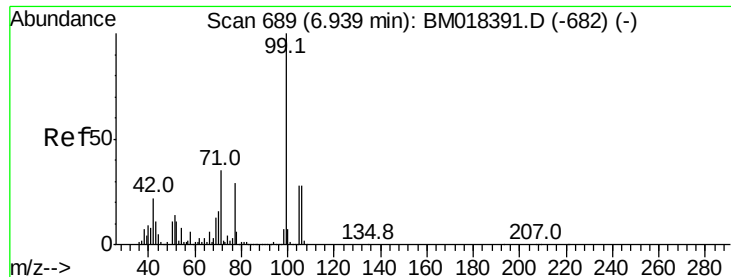


#5

2-Fluorophenol
Concen: 140.239 ng
RT: 5.37 min Scan# 422
Delta R.T. 0.01 min
Lab File: BM018426.D
Acq: 28 Dec 2018 09:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.5	69.7
63	29.2	25.2	37.8





#7

Phenol-d6

Concen: 132.896 ng

RT: 6.96 min Scan# 692

Delta R.T. 0.02 min

Lab File: BM018426.D

Acq: 28 Dec 2018 09:39

Instrument :

BNA_M

ClientSampleId :

PB116023BL

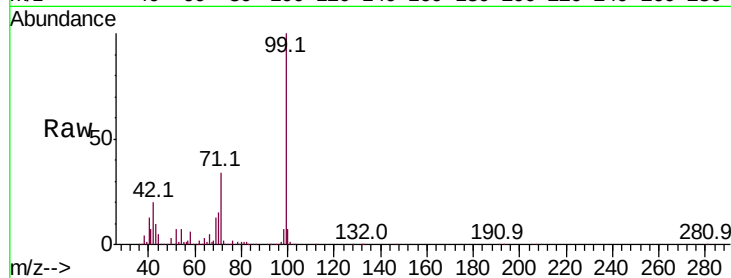
Tot Ion: 99 Resp: 5151269

Ion Ratio Lower Upper

99 100

42 19.9 17.3 25.9

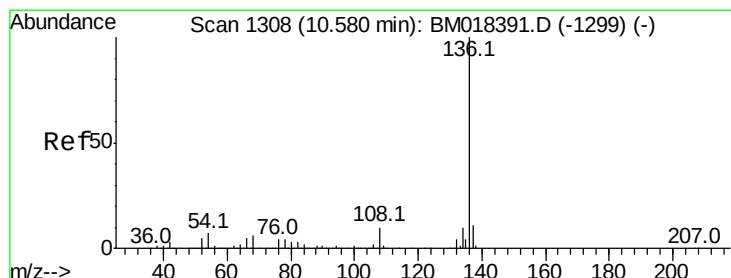
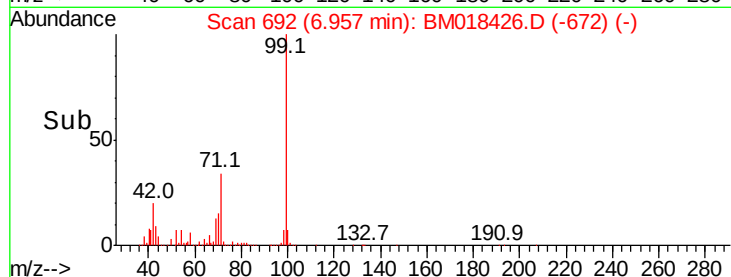
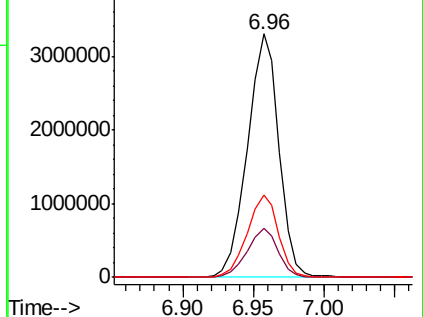
71 33.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018391.D (-682) (-)

Ion 42.00 (41.70 to 42.70): BM018391.D (-682) (-)

Ion 71.00 (70.70 to 71.70): BM018391.D (-682) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BM018426.D

Acq: 28 Dec 2018 09:39

Tgt Ion: 136 Resp: 2157025

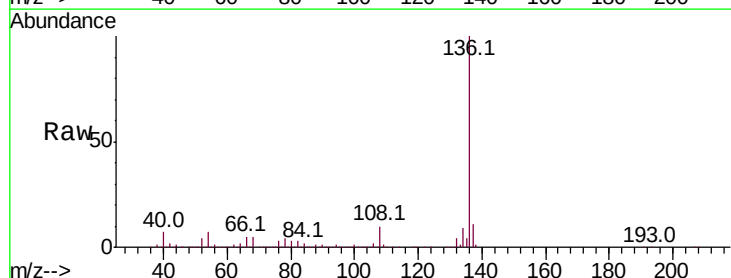
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.0 6.0 9.0

68 5.0 4.5 6.7

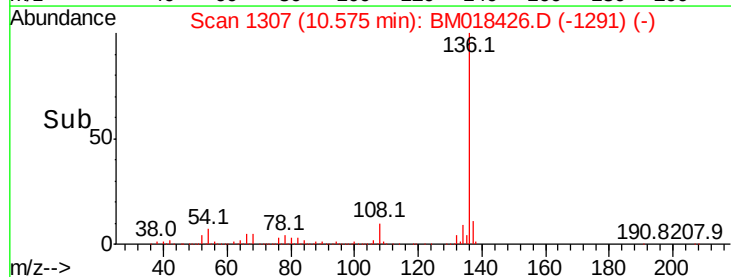
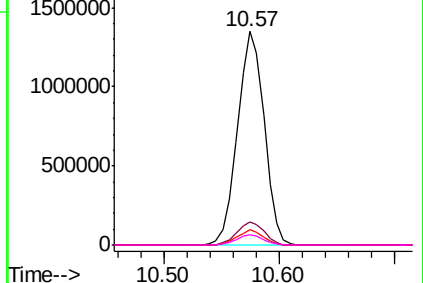


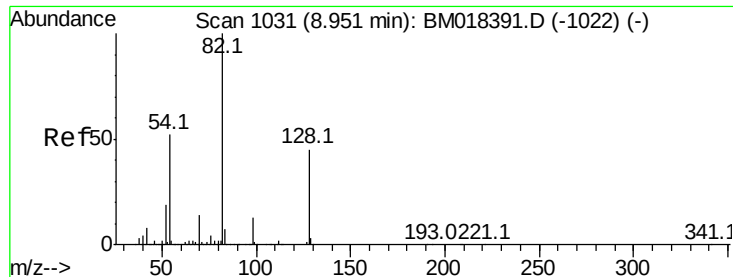
Abundance Ion 136.00 (135.70 to 136.70): BM018391.D (-1299) (-)

Ion 137.00 (136.70 to 137.70): BM018391.D (-1299) (-)

Ion 54.00 (53.70 to 54.70): BM018391.D (-1299) (-)

Ion 68.00 (67.70 to 68.70): BM018391.D (-1299) (-)

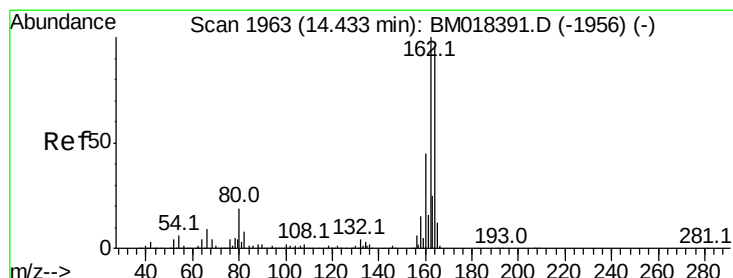
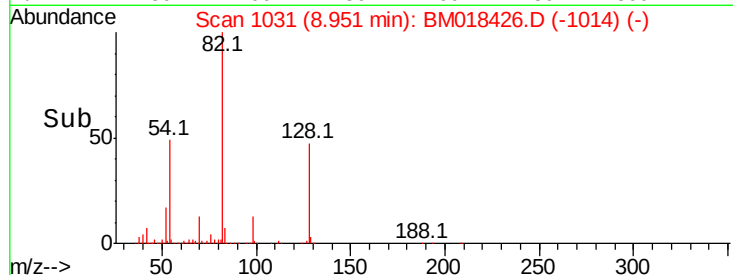
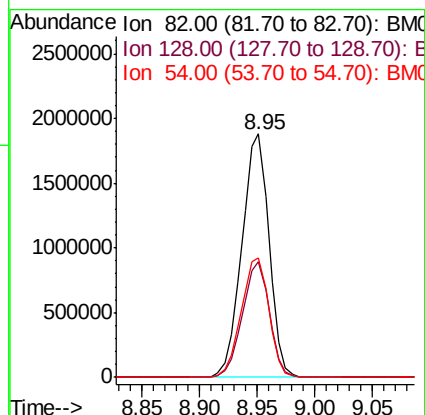
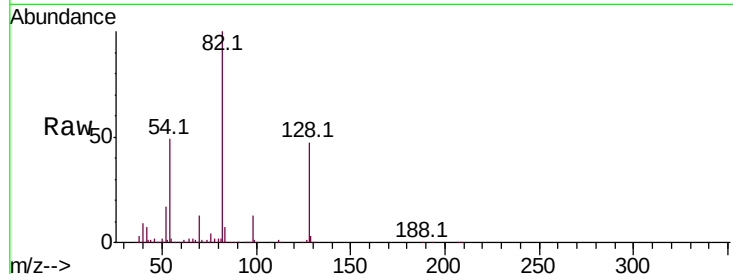




#23
Nitrobenzene-d5
Concen: 81.716 ng
RT: 8.95 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BM018426.D
Acq: 28 Dec 2018 09:39

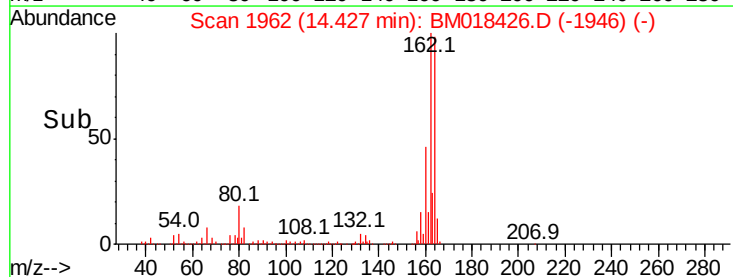
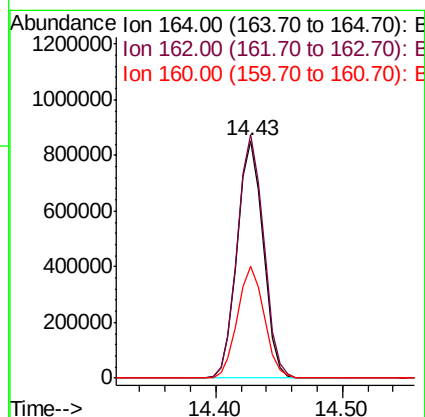
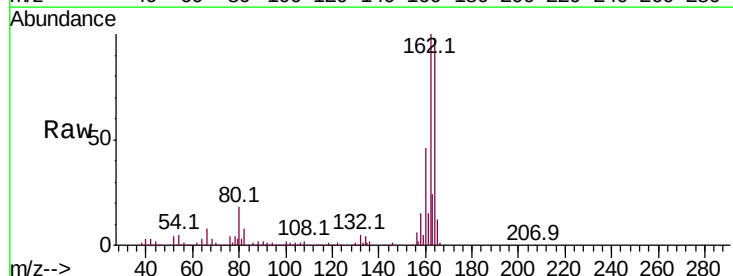
Instrument :
BNA_M
ClientSampleId :
PB116023BL

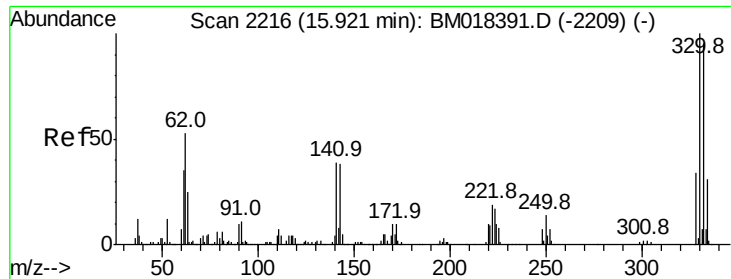
Tot Ion: 82 Resp: 3071122
Ion Ratio Lower Upper
82 100
128 47.2 36.3 54.5
54 48.9 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM018426.D
Acq: 28 Dec 2018 09:39

Tgt Ion: 164 Resp: 1204799
Ion Ratio Lower Upper
164 100
162 102.5 83.0 124.4
160 46.8 37.1 55.7

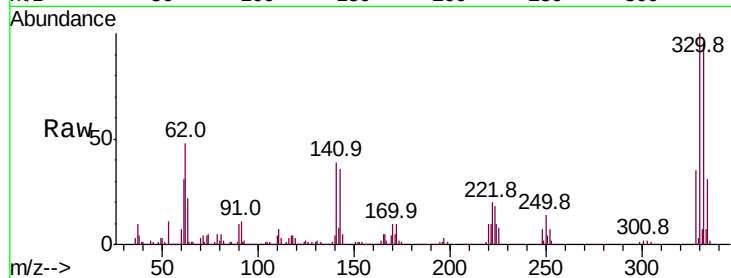




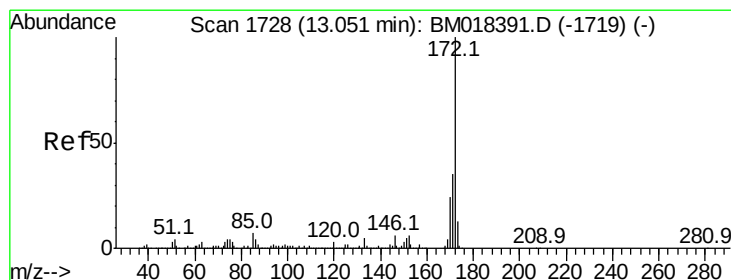
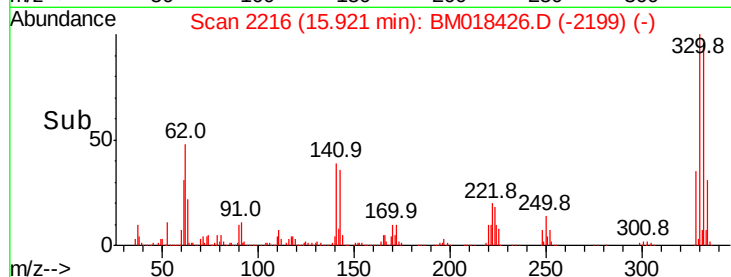
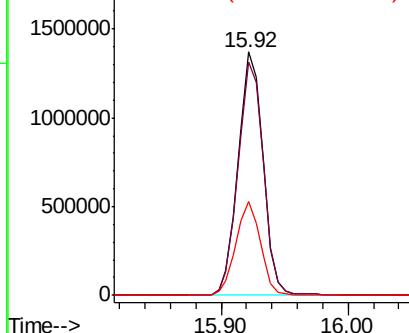
#42
 2,4,6-Tribromophenol
 Concen: 122.290 ng
 RT: 15.92 min Scan# 2216
 Delta R.T. 0.00 min
 Lab File: BM018426.D
 Acq: 28 Dec 2018 09:39

Instrument :
 BNA_M
 ClientSampleId :
 PB116023BL

Tot Ion:330 Resp: 1872011
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.6 116.4
 141 38.1 31.7 47.5

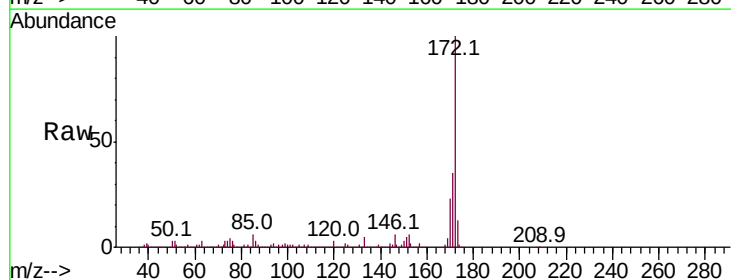


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

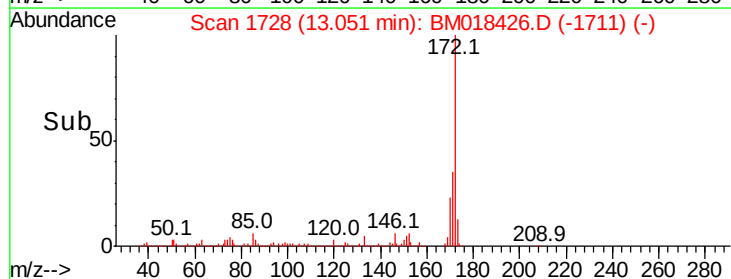
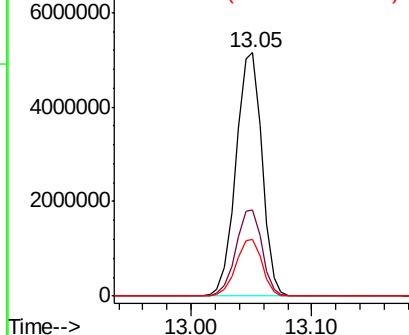


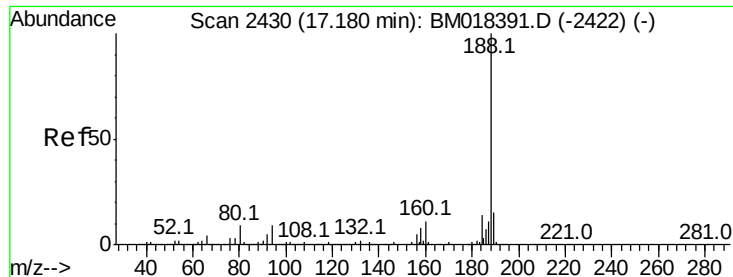
#45
 2-Fluorobiphenyl
 Concen: 87.067 ng
 RT: 13.05 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BM018426.D
 Acq: 28 Dec 2018 09:39

Tgt Ion:172 Resp: 7745034
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.2 42.4
 170 23.4 18.9 28.3



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: 17.17 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BM018426.D

Acq: 28 Dec 2018 09:39

Instrument :

BNA_M

ClientSampleId :

PB116023BL

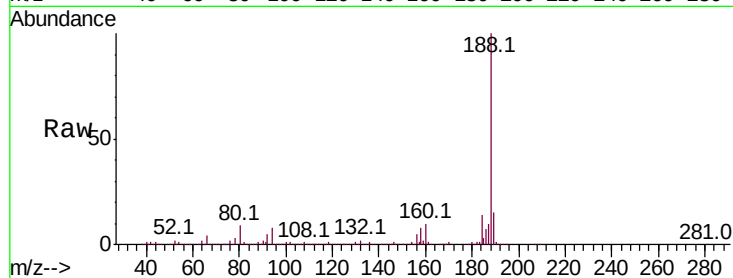
Tot Ion:188 Resp: 2581925

Ion Ratio Lower Upper

188 100

94 8.3 7.1 10.7

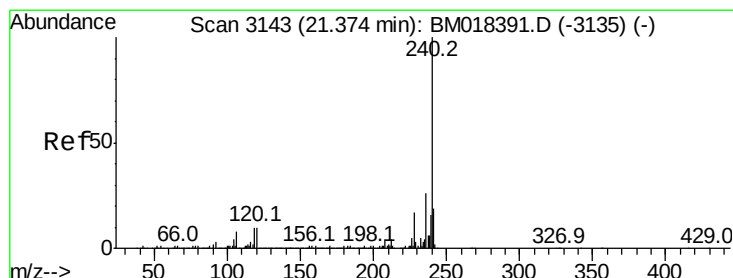
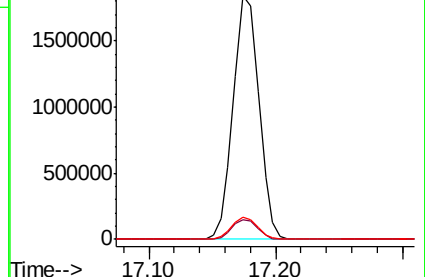
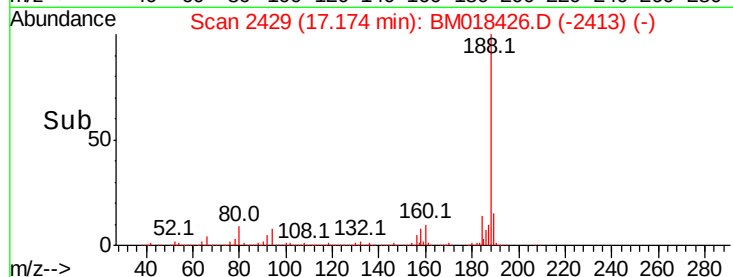
80 9.1 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

2500000 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: 21.37 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BM018426.D

Acq: 28 Dec 2018 09:39

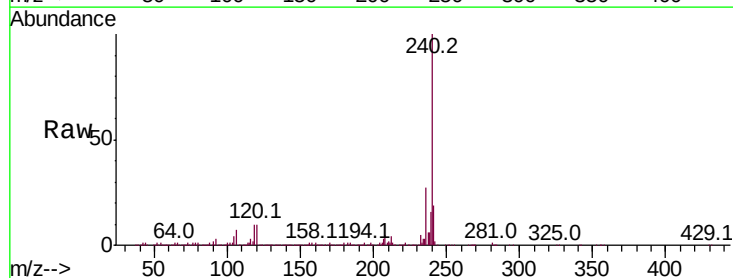
Tgt Ion:240 Resp: 2495826

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

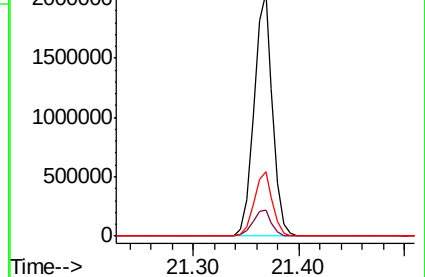
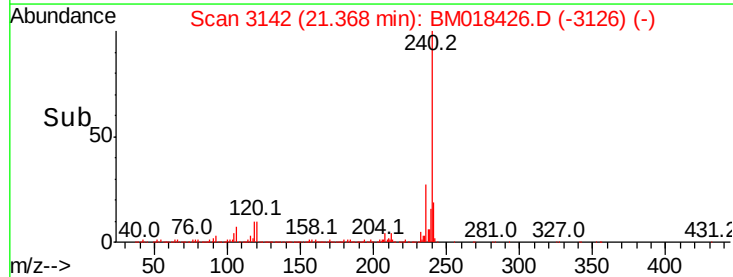
236 26.5 20.7 31.1

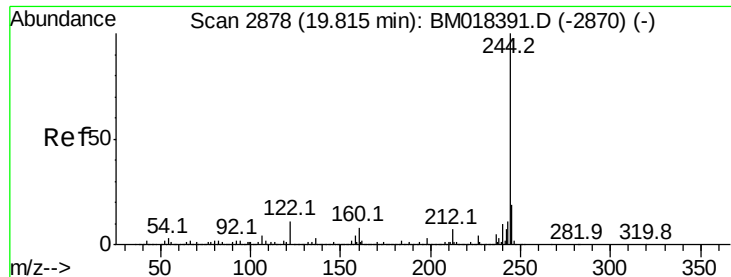


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

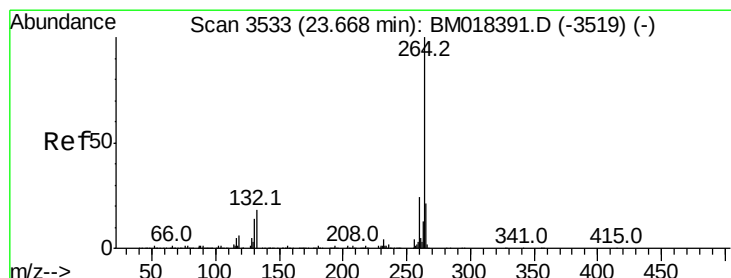
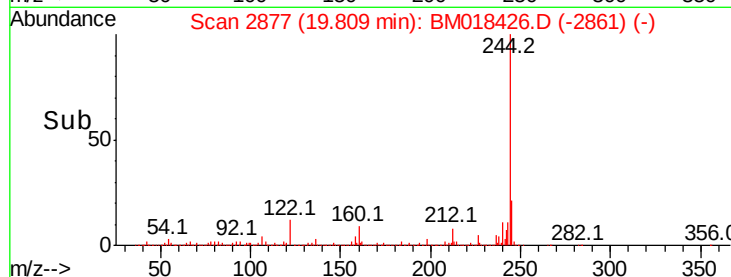
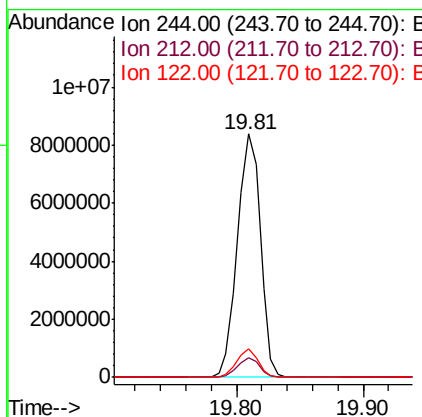
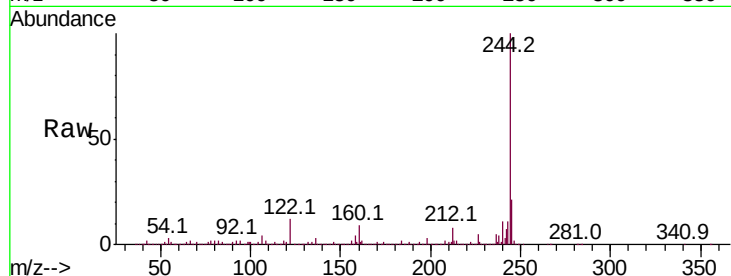




#79
 Terphenyl-d14
 Concen: 89.783 ng
 RT: 19.81 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BM018426.D
 Acq: 28 Dec 2018 09:39

Instrument :
 BNA_M
 ClientSampled :
 PB116023BL

Tot Ion:244 Resp:10515898
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.9 8.9
 122 11.8 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.66 min Scan# 3532
 Delta R.T. -0.01 min
 Lab File: BM018426.D
 Acq: 28 Dec 2018 09:39

Tgt Ion:264 Resp: 2207500
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 21.6 16.8 25.2

