

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022019\
 Data File : BM018883.D
 Acq On : 20 Feb 2019 14:28
 Operator : JU/SJ
 Sample : PB117236BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117236BL

Quant Time: Feb 20 16:23:43 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	278345	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	1131618	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	625849	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1420977	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1246020	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1139200	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1963332	115.57	ng	-0.01
7) Phenol-d6	6.88	99	2655782	110.97	ng	-0.01
23) Nitrobenzene-d5	8.87	82	1701163	69.51	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	903046	100.10	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	3369931	71.48	ng	-0.02
79) Terphenyl-d14	19.74	244	5084825	84.18	ng	0.00

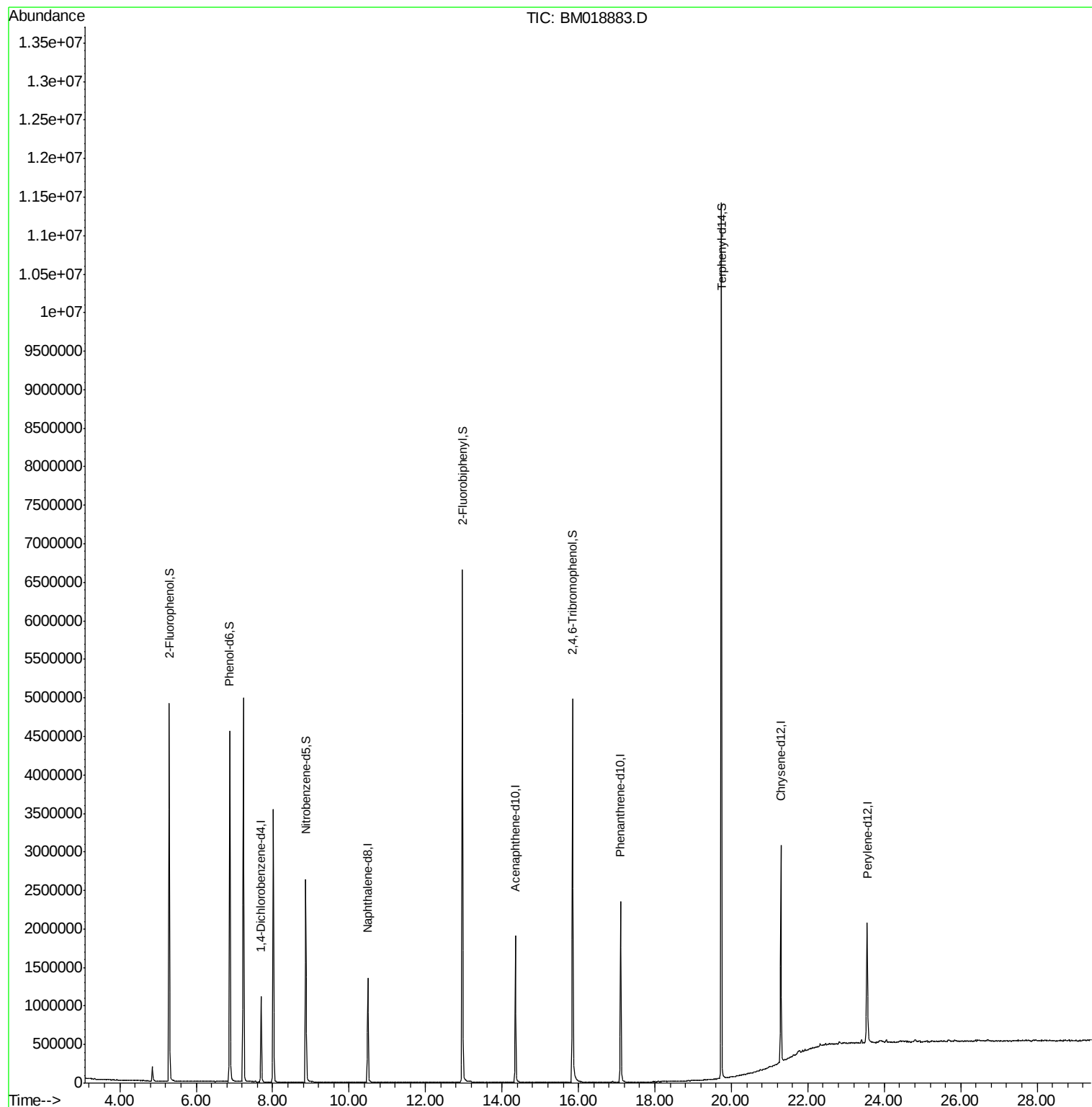
Target Compounds Qvalue

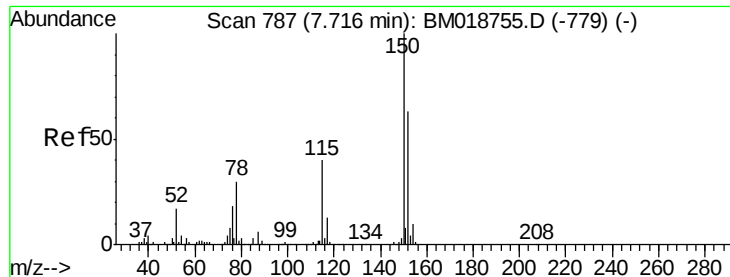
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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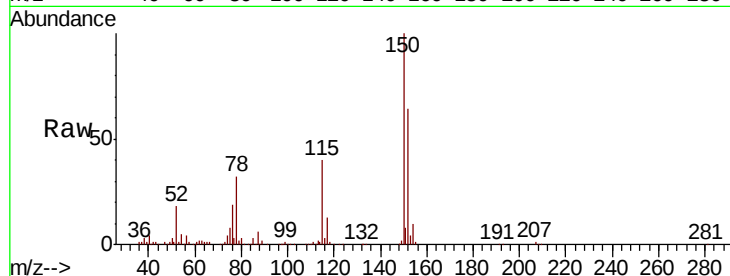


#1

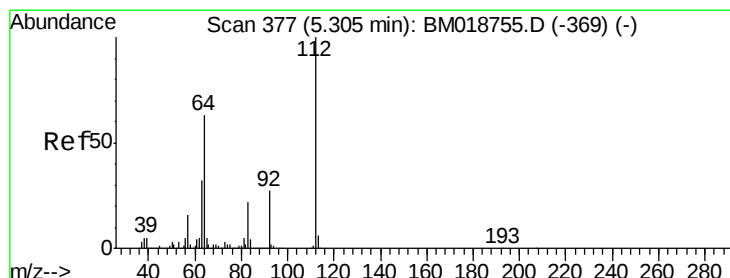
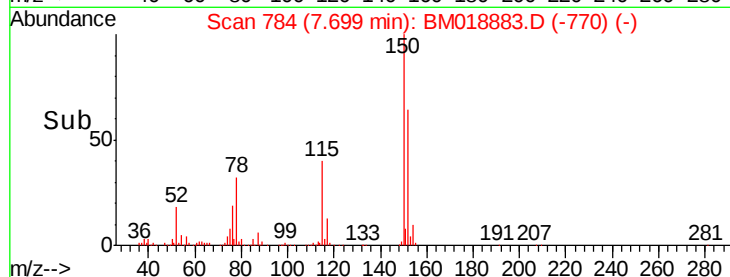
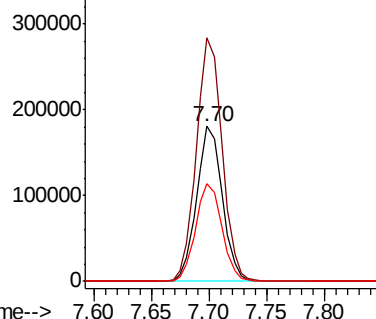
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BM018883.D
Acq: 20 Feb 2019 14:28

Instrument :
BNA_M
ClientSampleId :
PB117236BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	127.3	190.9
115	63.5	50.8	76.2



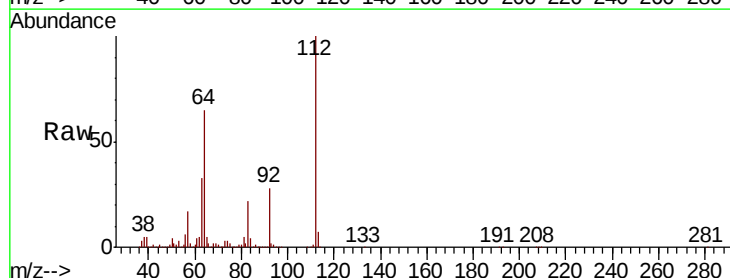
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



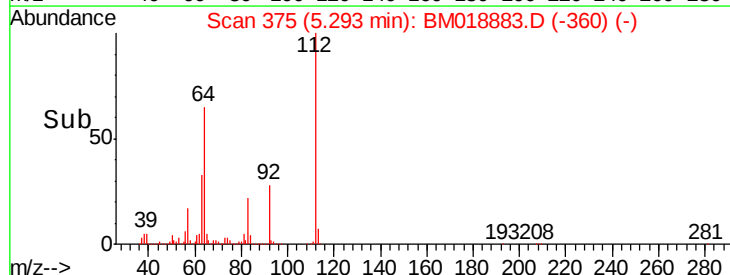
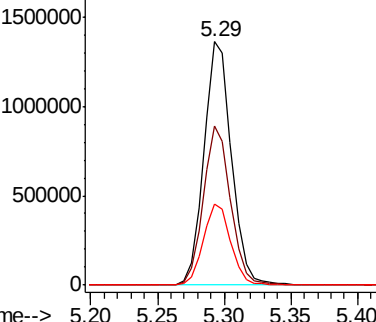
#5

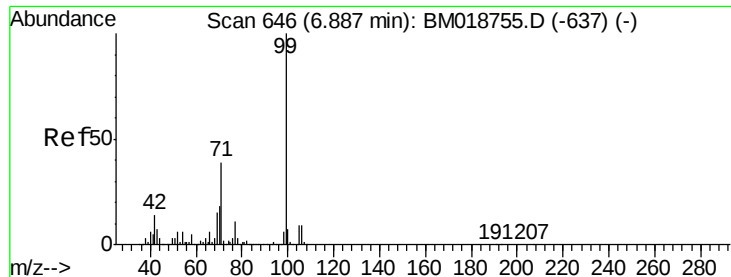
2-Fluorophenol
Concen: 115.571 ng
RT: 5.29 min Scan# 375
Delta R.T. -0.01 min
Lab File: BM018883.D
Acq: 20 Feb 2019 14:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	50.6	75.8
63	33.2	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: 110.972 ng

RT: 6.88 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018883.D

Acq: 20 Feb 2019 14:28

Instrument :

BNA_M

ClientSampleId :

PB117236BL

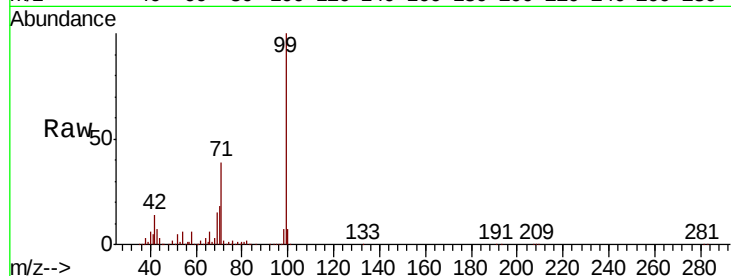
Tot Ion: 99 Resp: 2655782

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

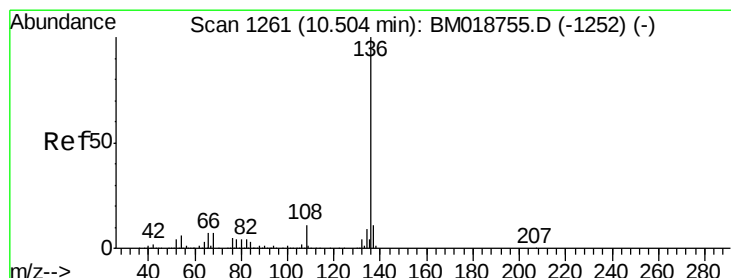
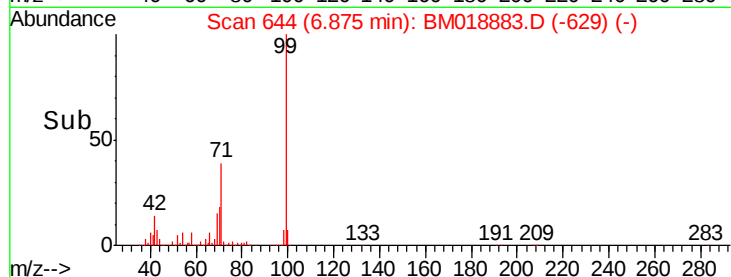
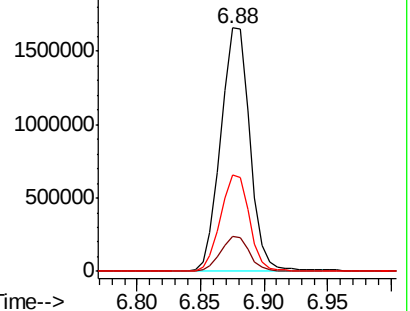
71 39.4 31.3 46.9



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# 1258

Delta R.T. -0.02 min

Lab File: BM018883.D

Acq: 20 Feb 2019 14:28

Tgt Ion: 136 Resp: 1131618

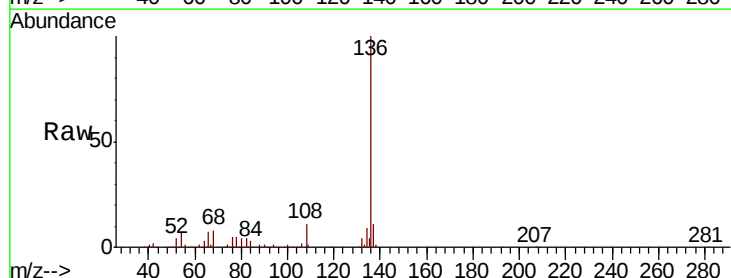
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.8 5.0 7.6

68 7.5 5.5 8.3

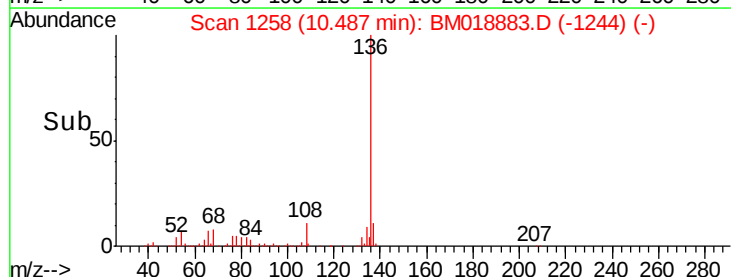
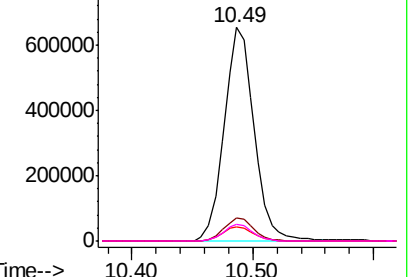


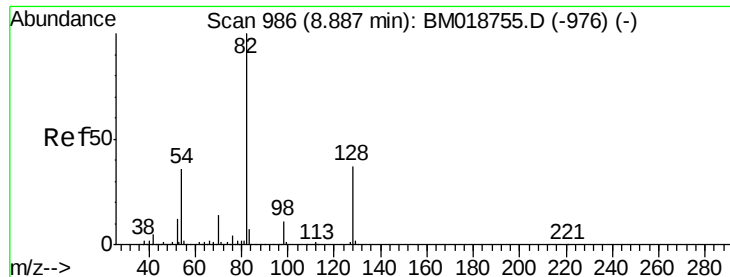
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

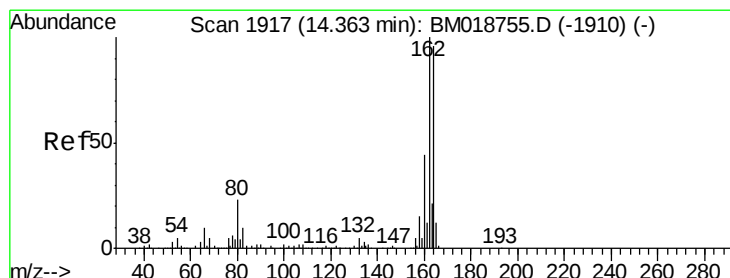
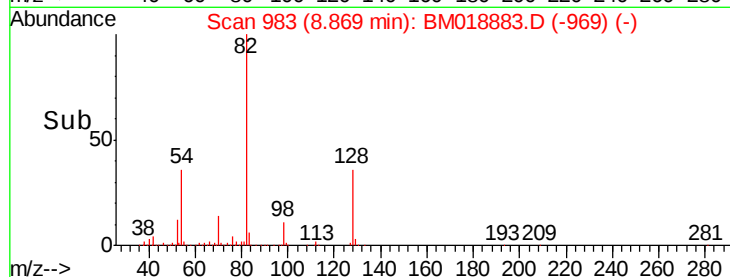
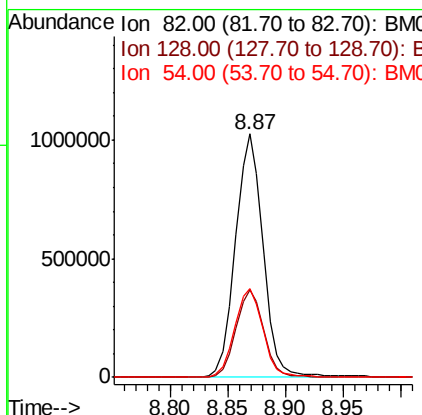
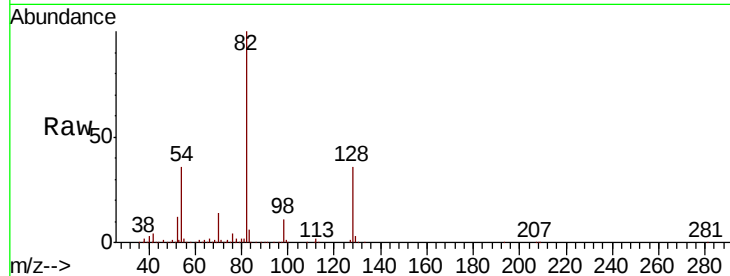




#23
Nitrobenzene-d5
Concen: 69.511 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BM018883.D
Acq: 20 Feb 2019 14:28

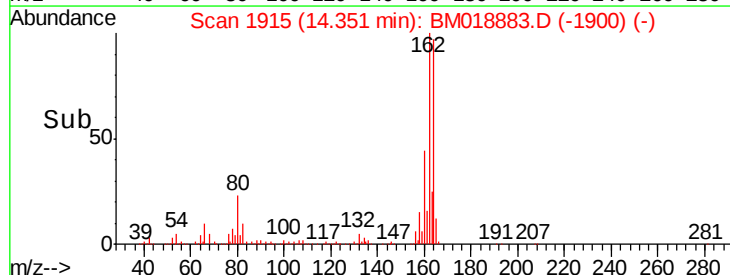
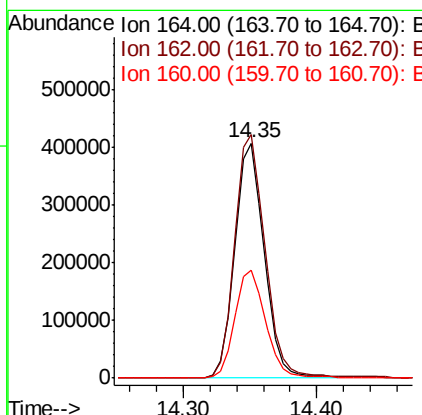
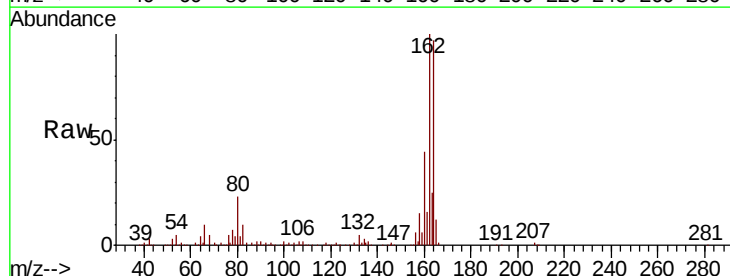
Instrument :
BNA_M
ClientSampleId :
PB117236BL

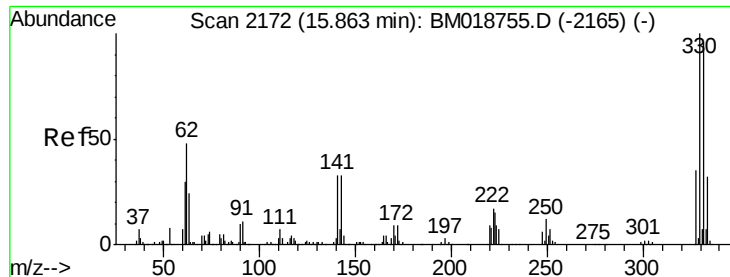
Tot Ion: 82 Resp: 1701163
Ion Ratio Lower Upper
82 100
128 36.1 29.9 44.9
54 36.4 29.1 43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018883.D
Acq: 20 Feb 2019 14:28

Tgt Ion:164 Resp: 625849
Ion Ratio Lower Upper
164 100
162 103.5 83.4 125.0
160 46.0 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 100.100 ng

RT: 15.85 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BM018883.D

Acq: 20 Feb 2019 14:28

Instrument :

BNA_M

ClientSampleId :

PB117236BL

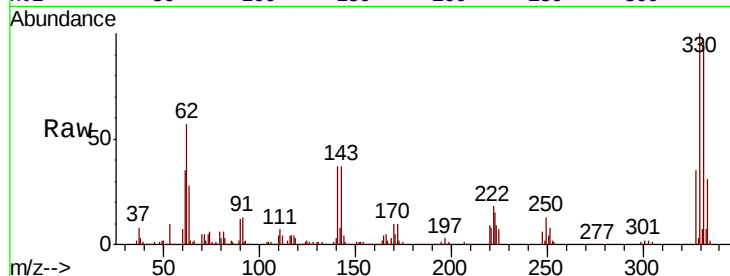
Tot Ion:330 Resp: 903046

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

141 36.6 28.7 43.1

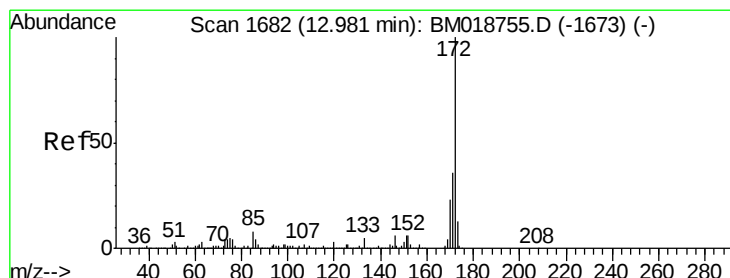
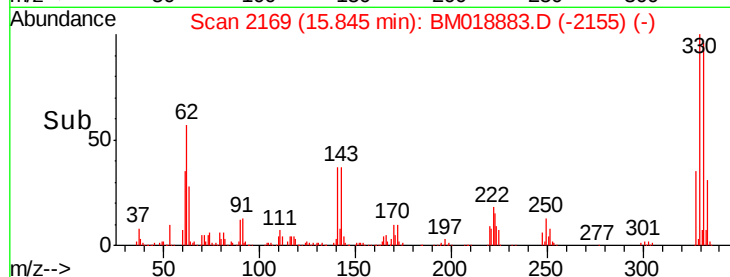
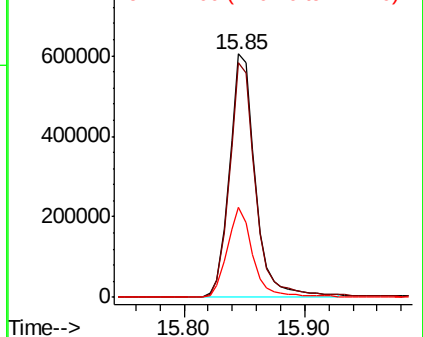


Abundance

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: 71.479 ng

RT: 12.96 min Scan# 1679

Delta R.T. -0.02 min

Lab File: BM018883.D

Acq: 20 Feb 2019 14:28

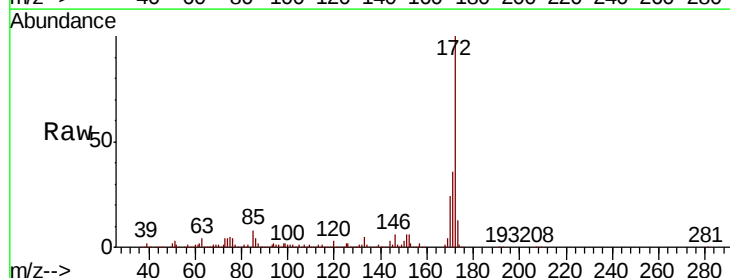
Tgt Ion:172 Resp: 3369931

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

170 23.6 18.6 28.0

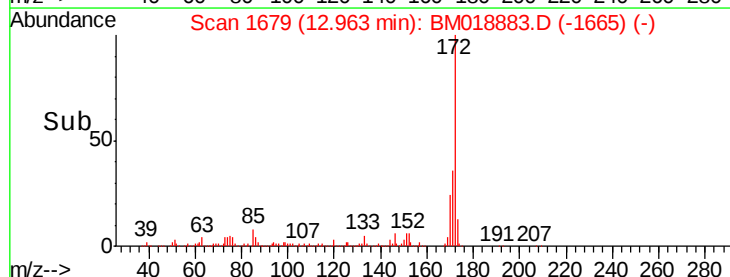
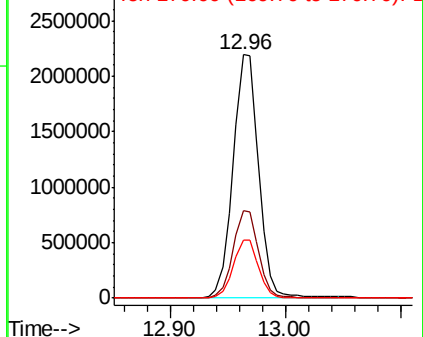


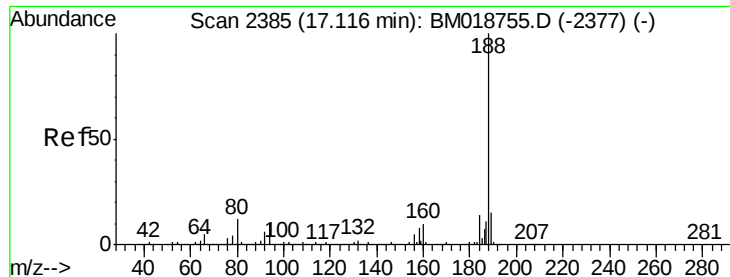
Abundance

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

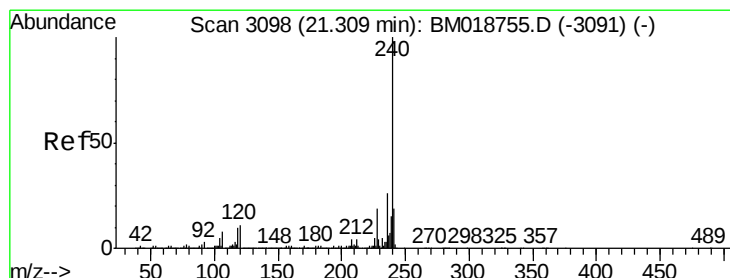
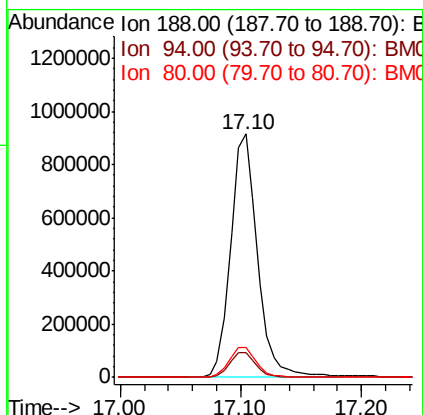
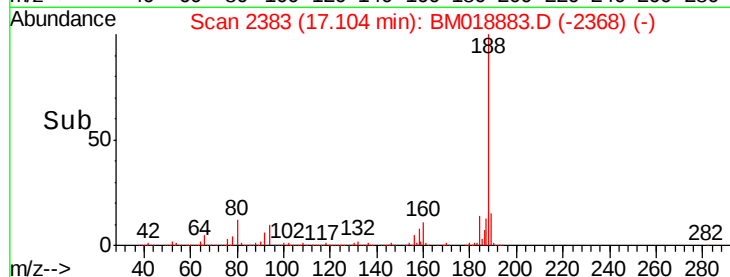
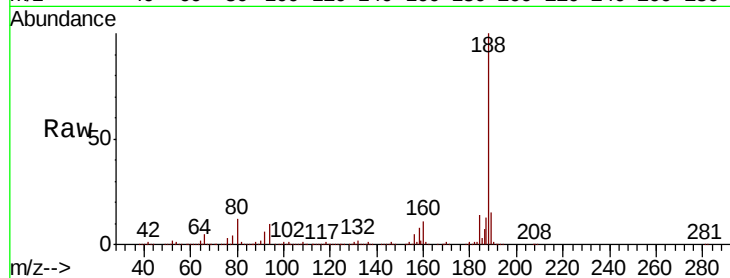




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018883.D
Acq: 20 Feb 2019 14:28

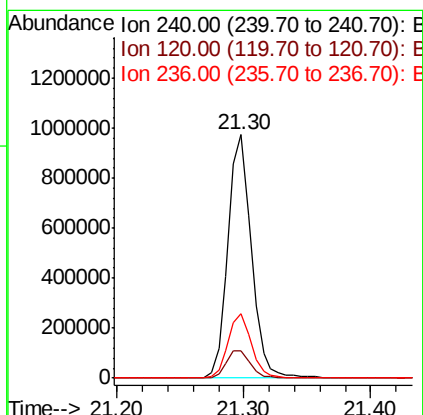
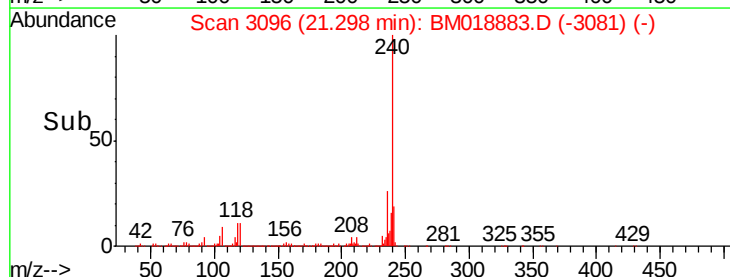
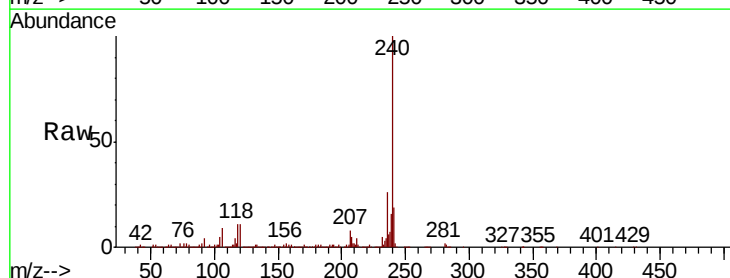
Instrument :
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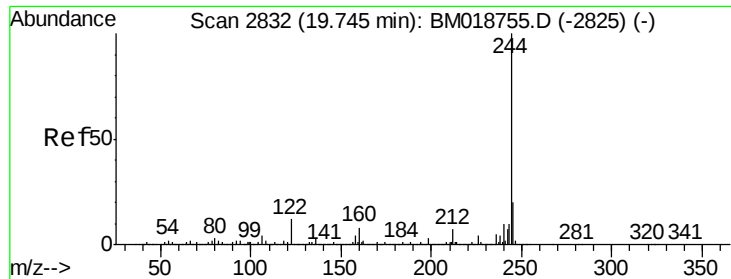
Tot Ion:188 Resp: 1420977
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 12.1 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM018883.D
Acq: 20 Feb 2019 14:28

Tgt Ion:240 Resp: 1246020
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.2 20.9 31.3

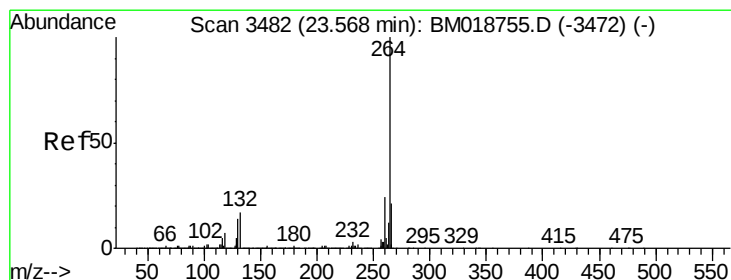
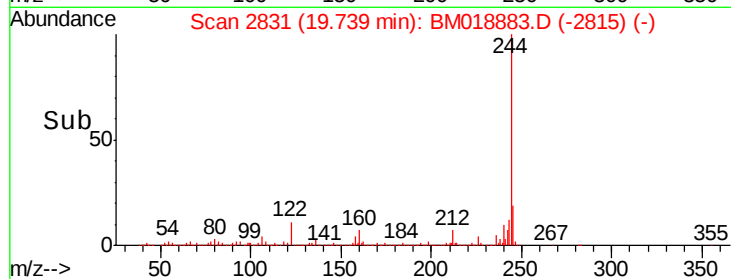
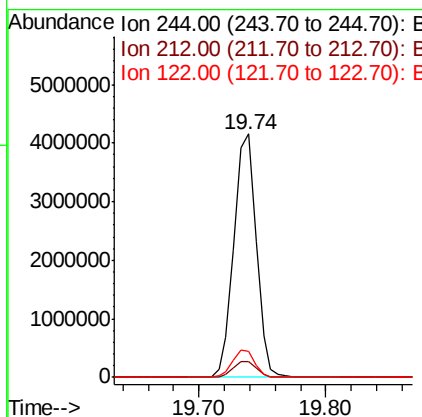
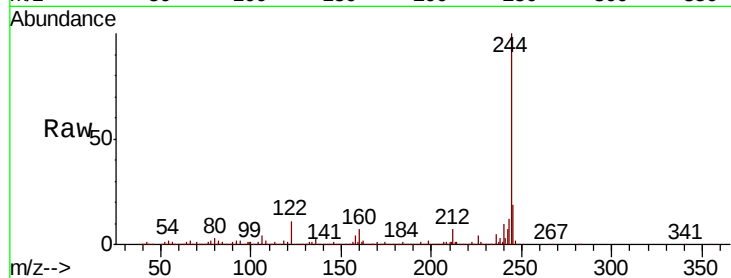




#79
 Terphenyl-d14
 Concen: 84.184 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018883.D
 Acq: 20 Feb 2019 14:28

Instrument :
 BNA_M
 ClientSampleID :
 PB117236BL

Tot Ion:244 Resp: 5084825
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.5 9.3 13.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.55 min Scan# 3479
 Delta R.T. -0.02 min
 Lab File: BM018883.D
 Acq: 20 Feb 2019 14:28

Tgt Ion:264 Resp: 1139200
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 22.1 17.3 25.9

