

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 :

Quant Time: Feb 20 16:19:53 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

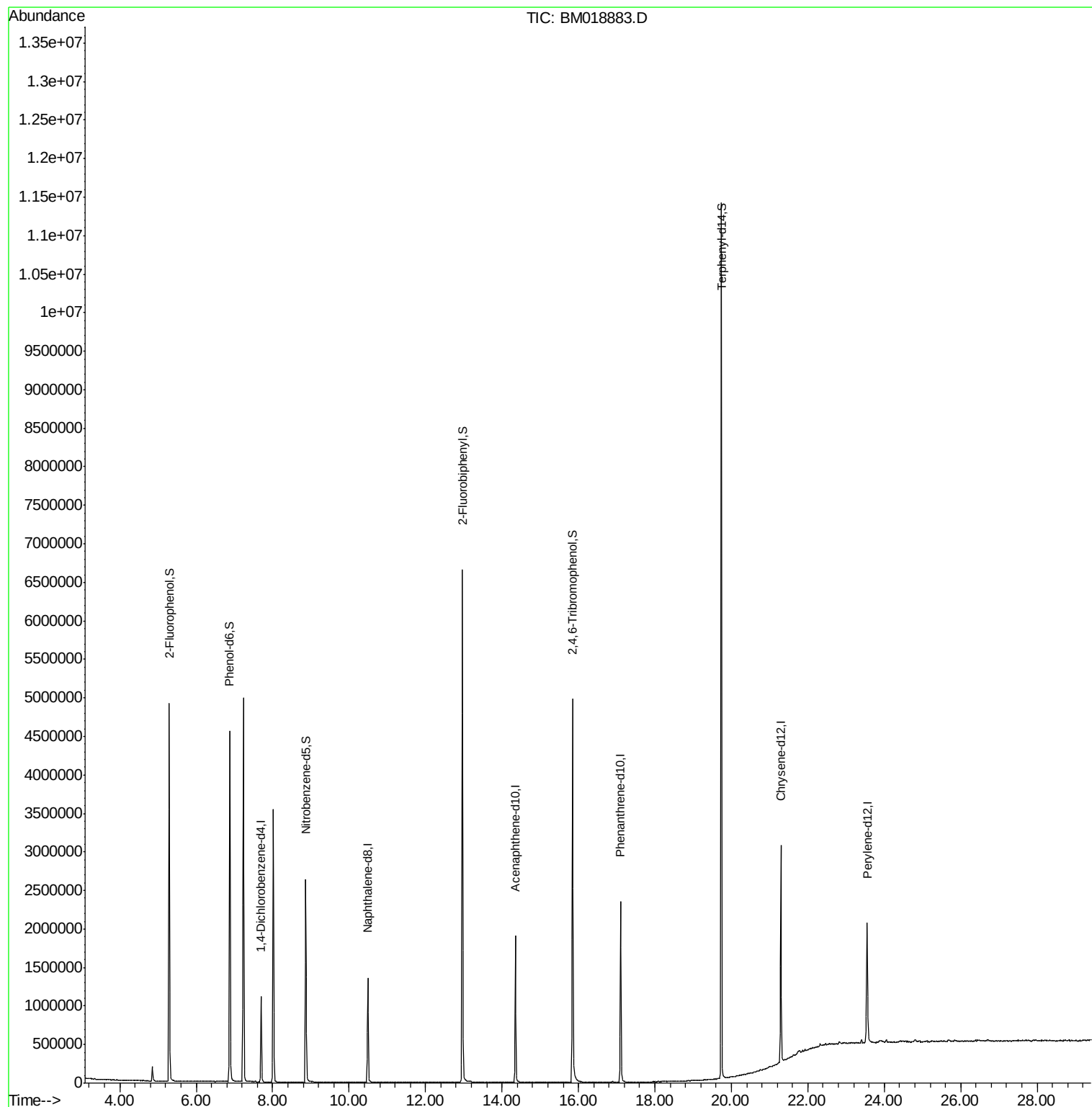
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	278345	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	1131618	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	625849	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1420977	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	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						
9) Benzaldehyde	6.88	77	5300	Below Cal	Qvalue #	7

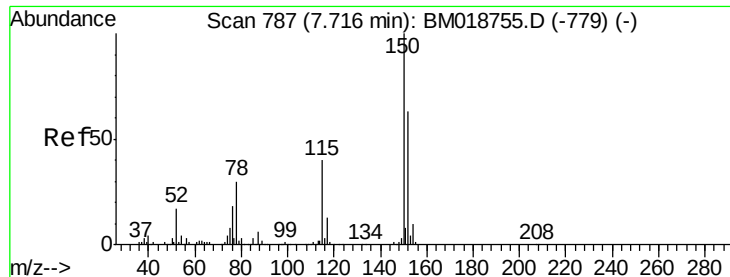
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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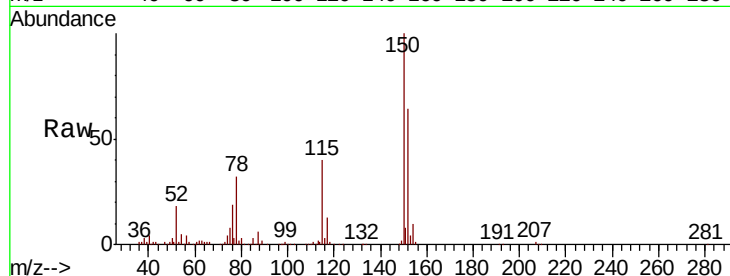


#1

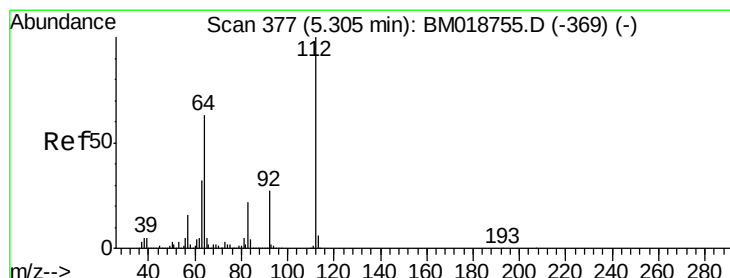
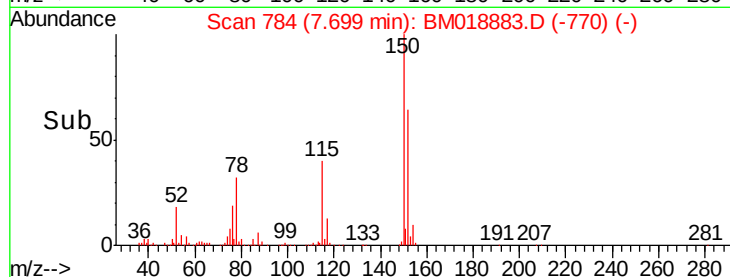
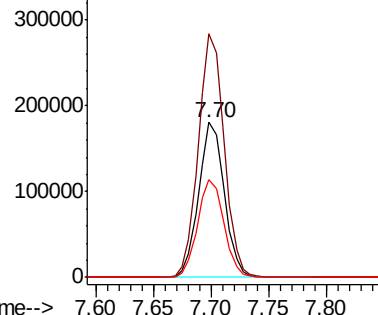
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BM018883.D
Acq: 20 Feb 2019 14:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 278345
Ion Ratio Lower Upper
152 100
150 157.3 127.3 190.9
115 63.5 50.8 76.2



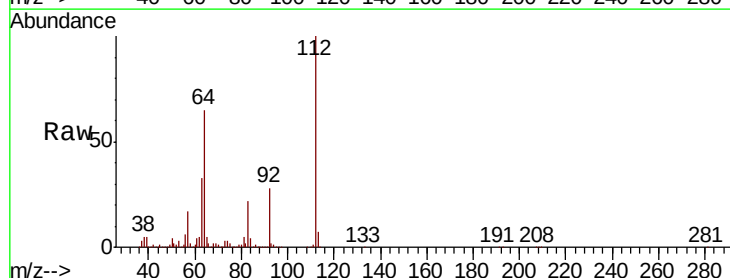
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



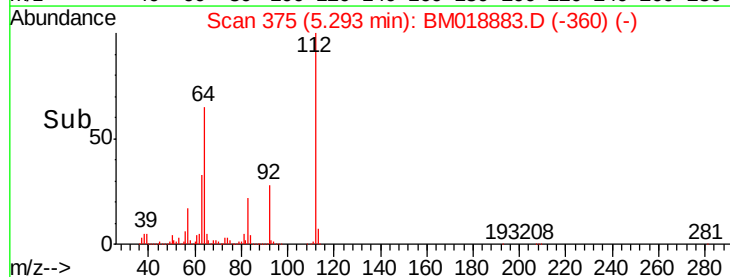
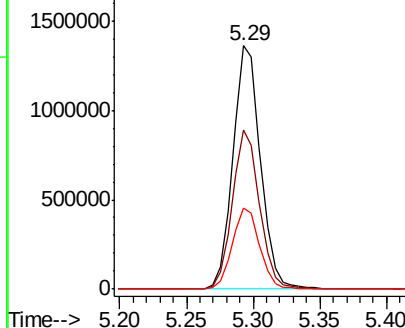
#5

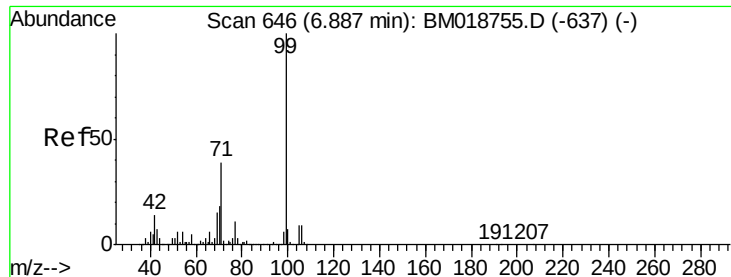
2-Fluorophenol
Concen: 115.571 ng
RT: 5.29 min Scan# 375
Delta R.T. -0.01 min
Lab File: BM018883.D
Acq: 20 Feb 2019 14:28

Tgt Ion:112 Resp: 1963332
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

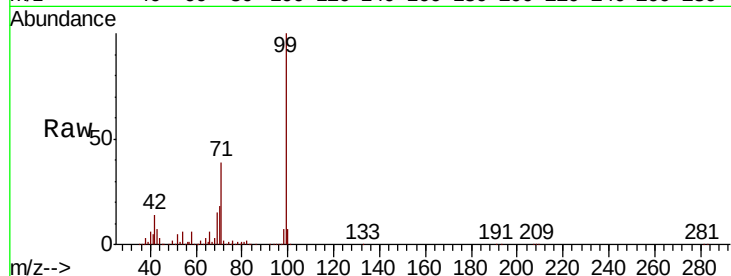
Instrument :

BNA_M

ClientSampleId :

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

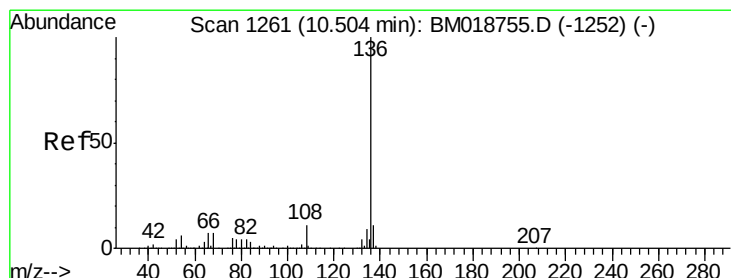
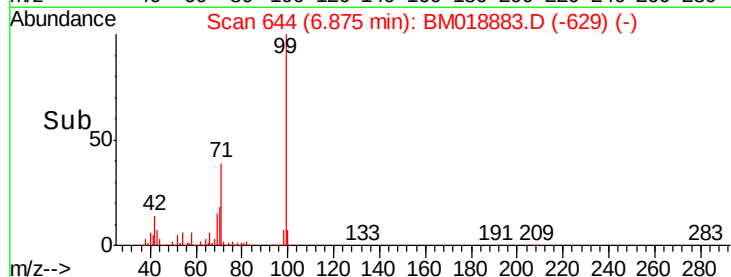
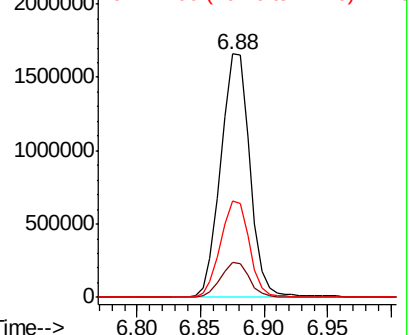


Abundance

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

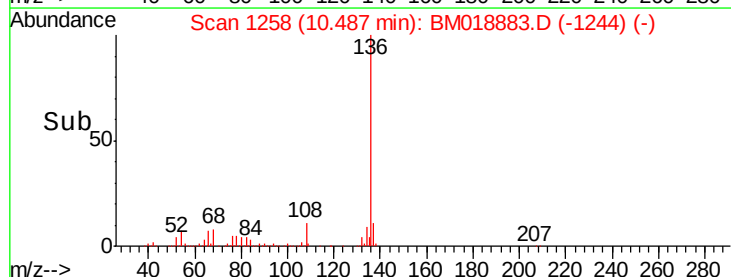
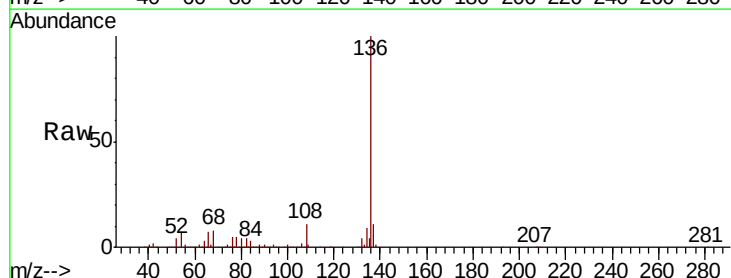
Delta R.T. -0.02 min

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



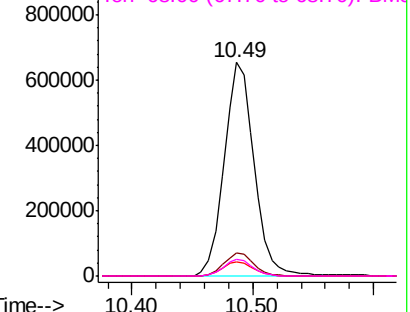
Abundance

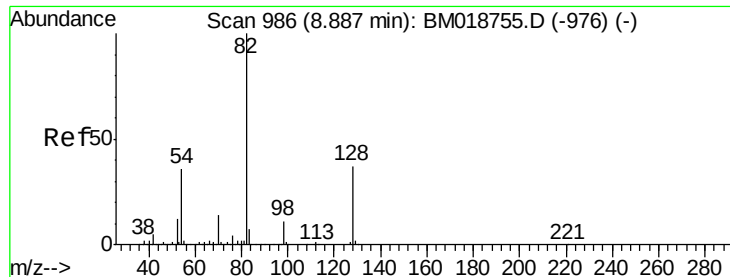
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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 :

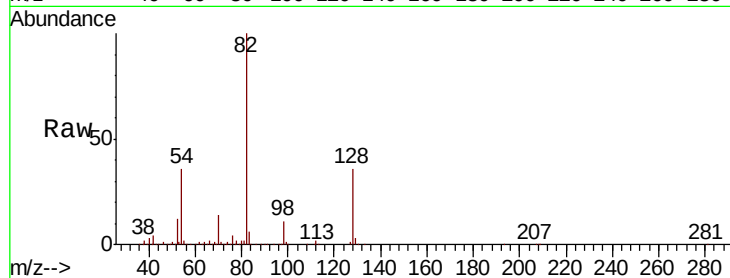
Tot Ion: 82 Resp: 1701163

Ion Ratio Lower Upper

82 100

128 36.1 29.9 44.9

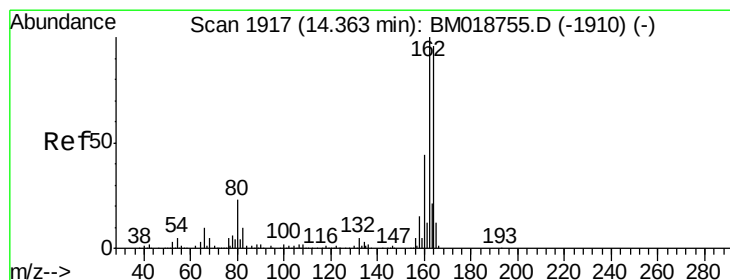
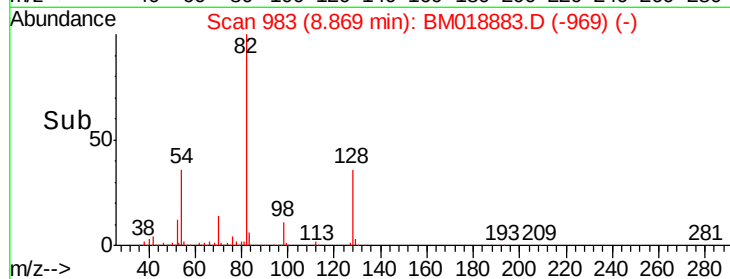
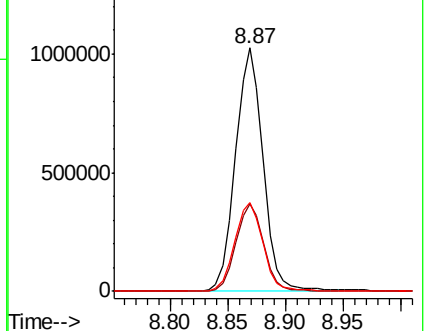
54 36.4 29.1 43.7



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: 14.35 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018883.D

Acq: 20 Feb 2019 14:28

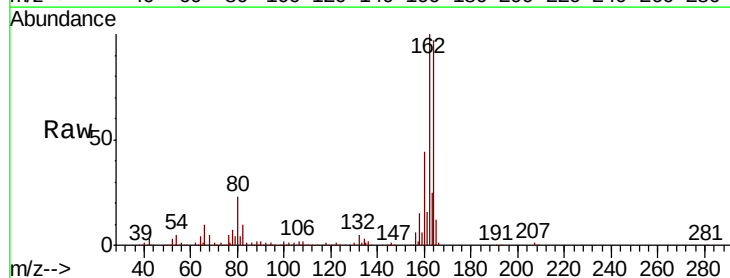
Tgt Ion:164 Resp: 625849

Ion Ratio Lower Upper

164 100

162 103.5 83.4 125.0

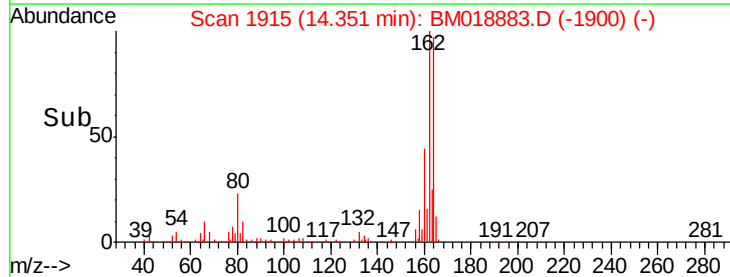
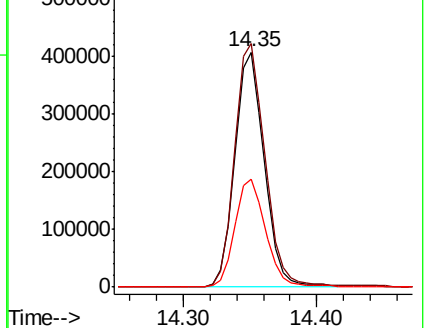
160 46.0 36.6 55.0

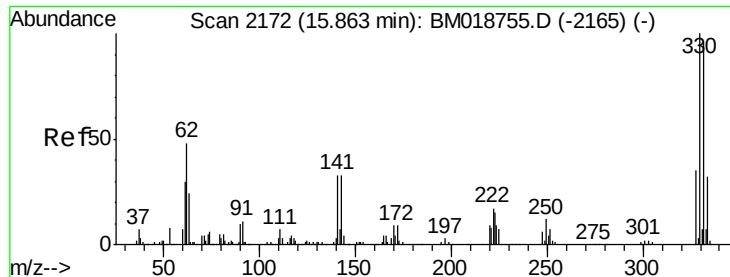


Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)

Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)

Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)

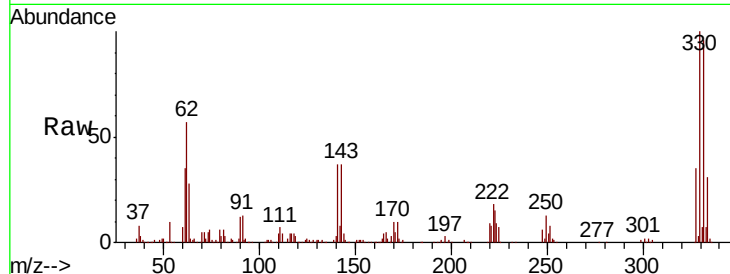




#42
 2,4,6-Tribromophenol
 Concen: 100.100 ng
 RT: 15.85 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BM018883.D
 Acq: 20 Feb 2019 14:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	36.6	28.7	43.1

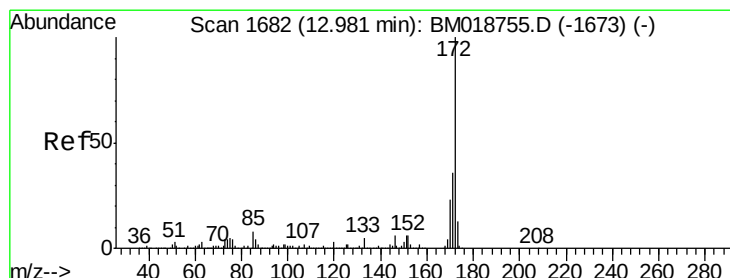
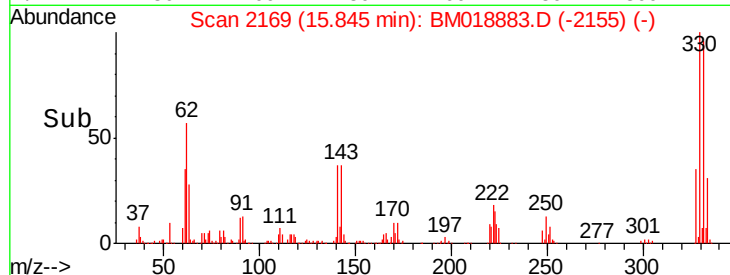
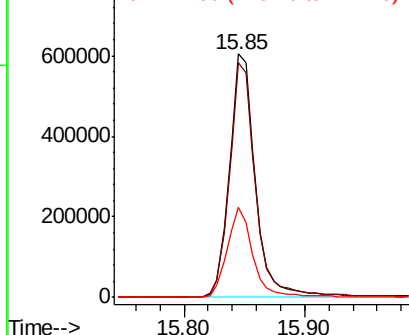


Abundance

Ion 329.80 (329.50 to 330.50): E

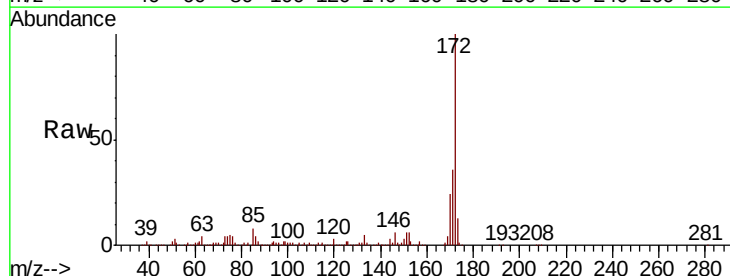
Ion 331.80 (331.50 to 332.50): E

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	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	23.6	18.6	28.0

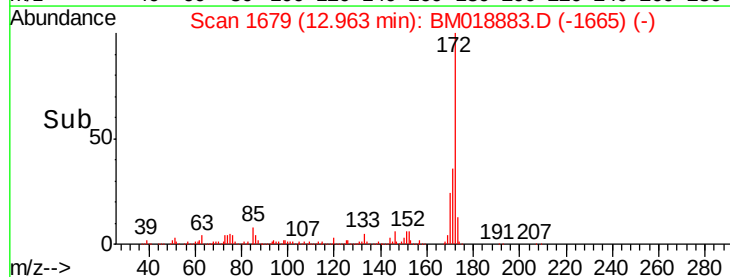
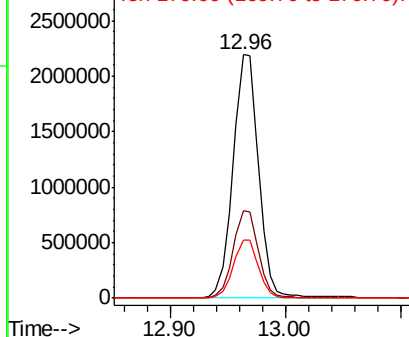


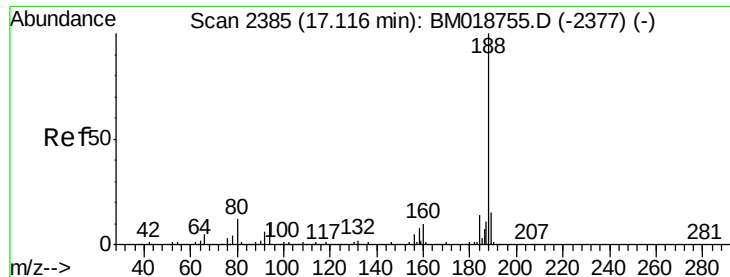
Abundance

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

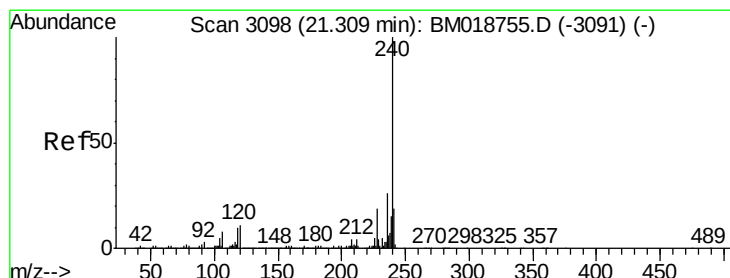
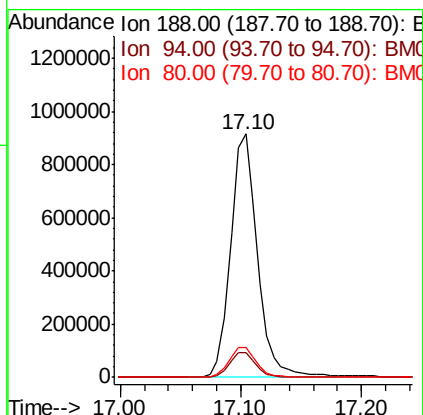
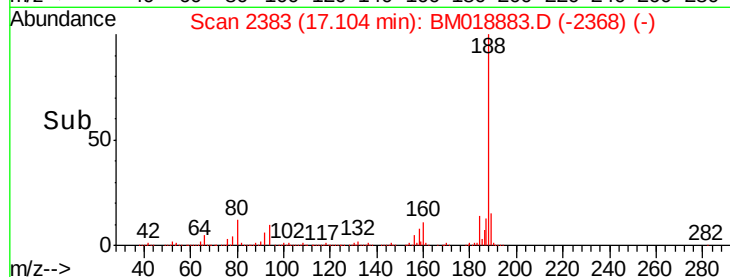
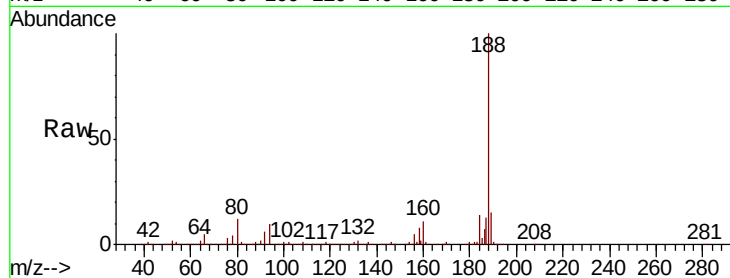




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018883.D
Acq: 20 Feb 2019 14:28

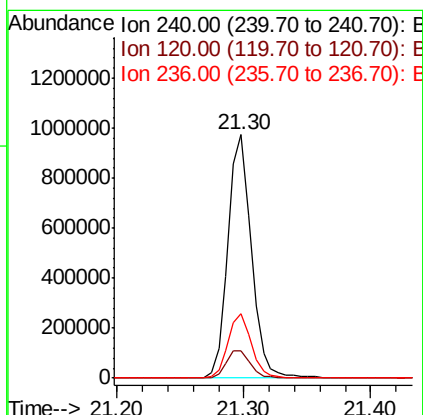
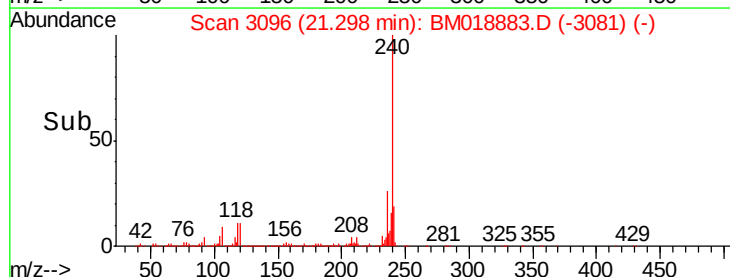
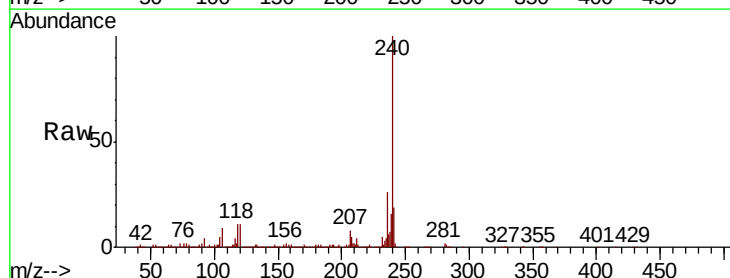
Instrument :
BNA_M
ClientSampleId :

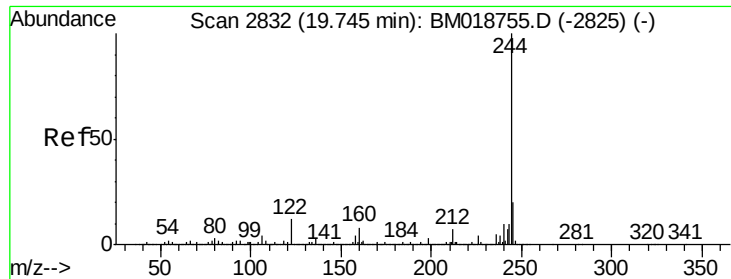
Tot Ion:188 Resp: 1420977
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 12.1 9.7 14.5



#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

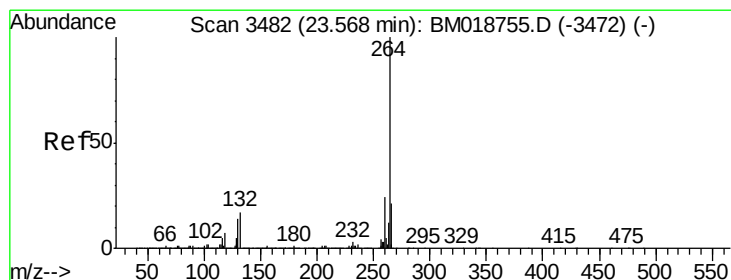
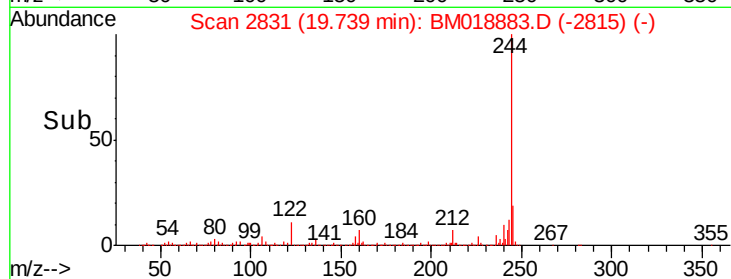
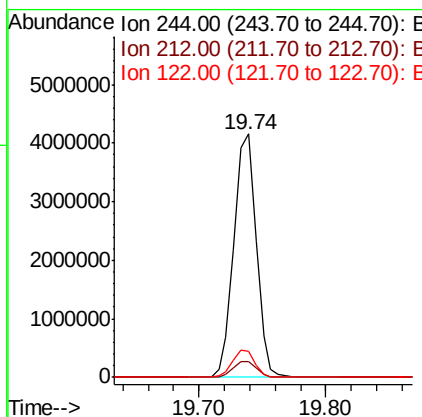
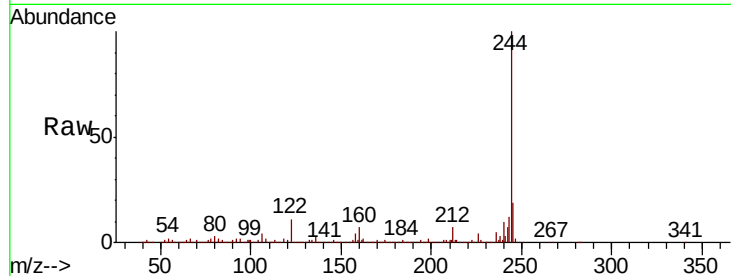




#79
 Terphenyl-d14
 Concen: 84.184 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018883.D
 Acq: 20 Feb 2019 14:28

Instrument :
 BNA_M
 ClientSampled :

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

