

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022119\
 Data File : BM018905.D
 Acq On : 21 Feb 2019 20:44
 Operator : JU/SJ
 Sample : K1546-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200036

Quant Time: Feb 22 04:15:08 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	7.70	152	285343	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	1131065	20.00	ng	-0.02
39) Acenaphthene-d10	14.34	164	619750	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1359607	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1152051	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1049089	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2359427	135.48	ng	-0.01
7) Phenol-d6	6.87	99	2772863	113.02	ng	-0.01
23) Nitrobenzene-d5	8.87	82	2431766	99.41	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	1298619	145.36	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	4547100	97.40	ng	-0.02
79) Terphenyl-d14	19.73	244	7089674	126.95	ng	-0.01

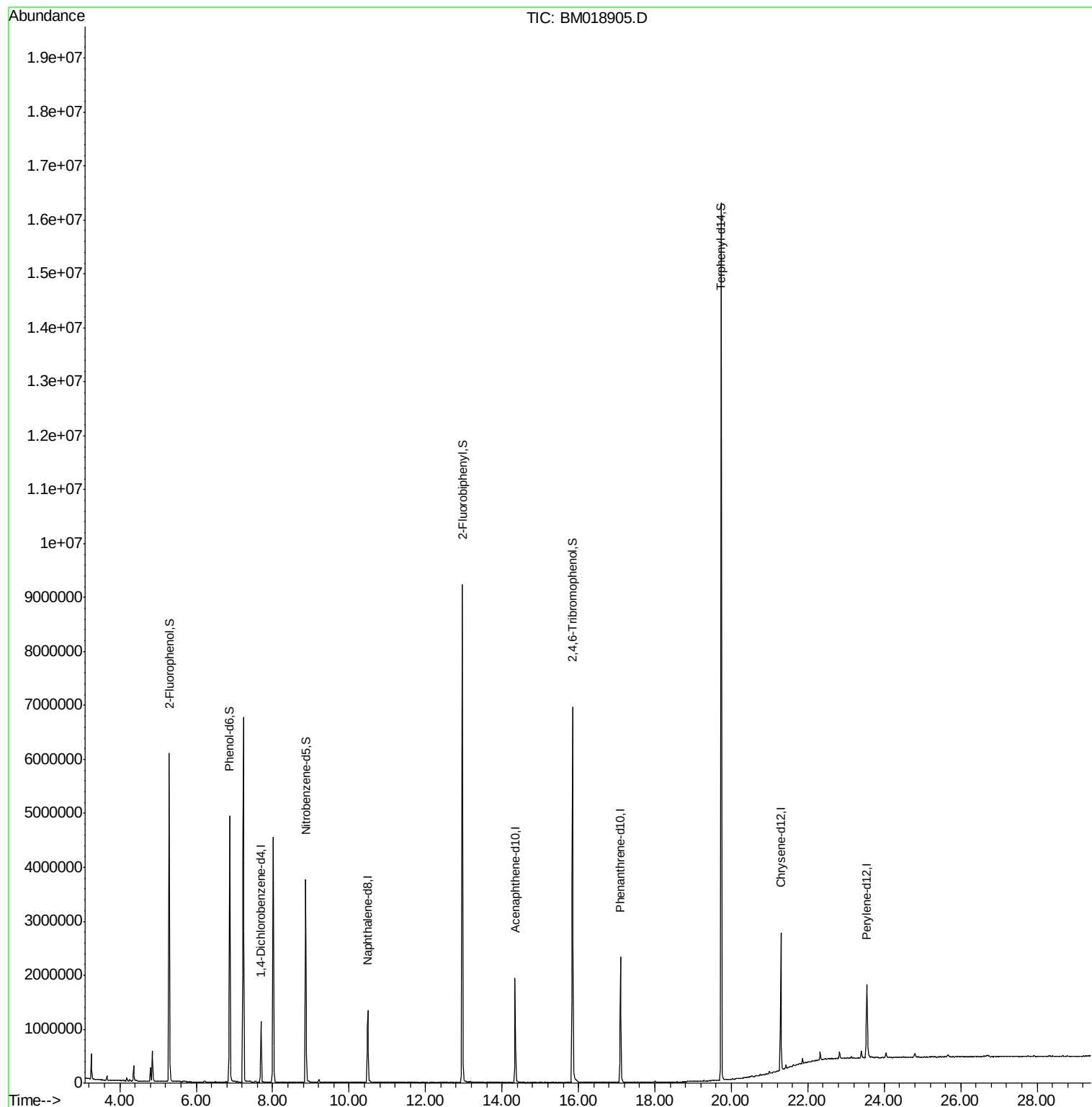
Target Compounds Qvalue

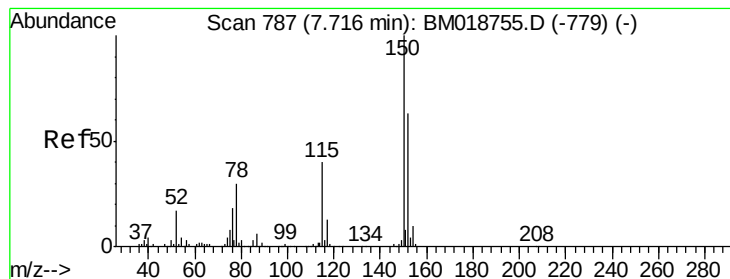
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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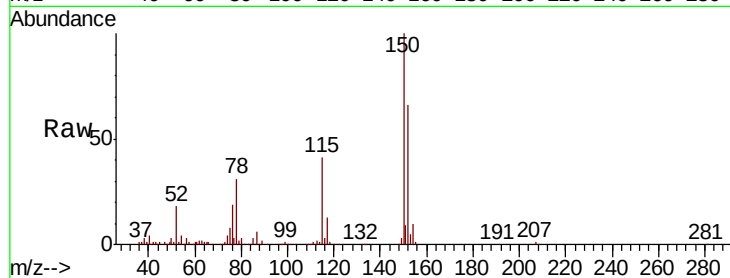


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.70 min Scan# 784
 Delta R.T. -0.02 min
 Lab File: BM018905.D
 Acq: 21 Feb 2019 20:44

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200036

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	127.3	190.9
115	61.2	50.8	76.2

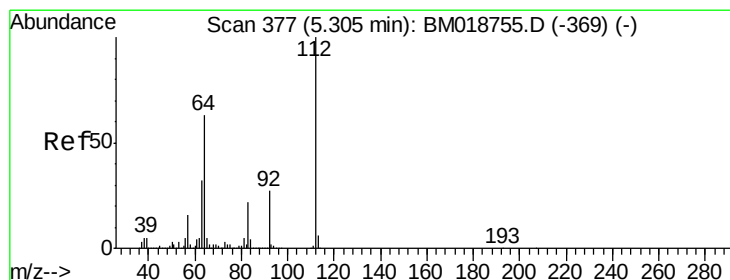
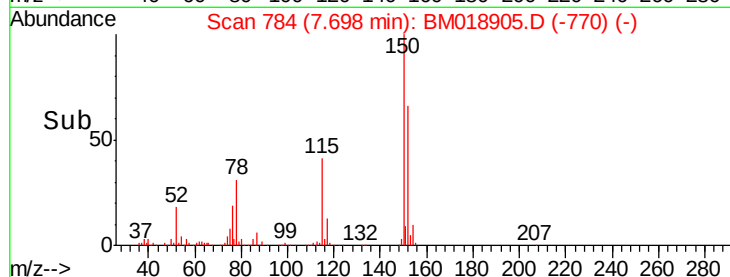
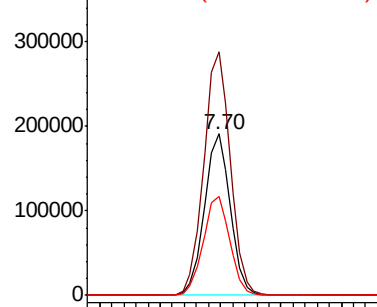


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

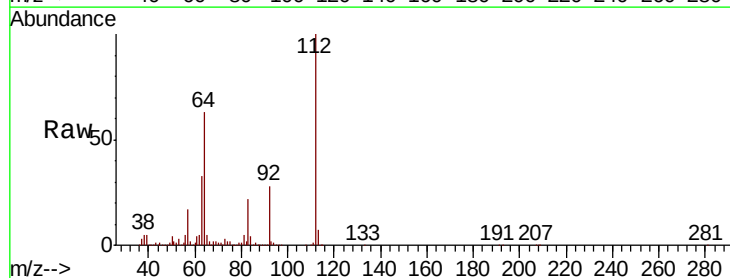
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 135.481 ng
 RT: 5.29 min Scan# 375
 Delta R.T. -0.01 min
 Lab File: BM018905.D
 Acq: 21 Feb 2019 20:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	50.6	75.8
63	32.6	25.7	38.5

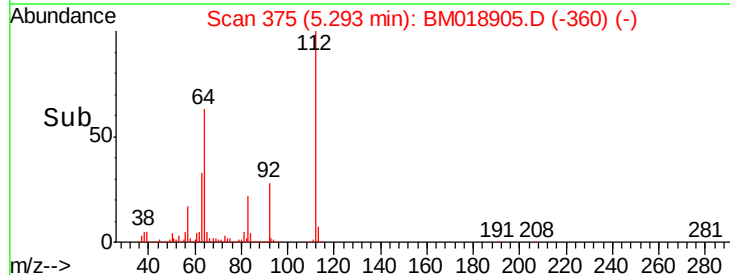
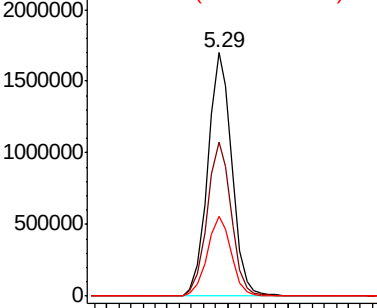


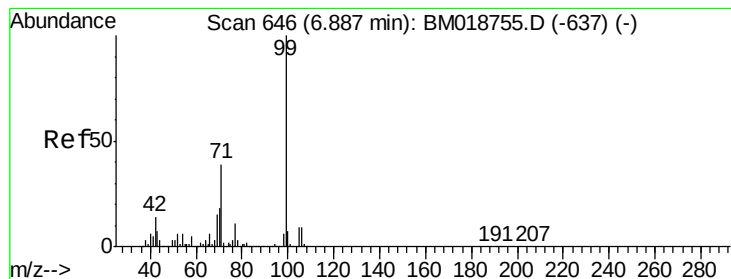
Abundance

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: 113.023 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018905.D

Acq: 21 Feb 2019 20:44

Instrument :

BNA_M

ClientSampleId :

RBR-200036

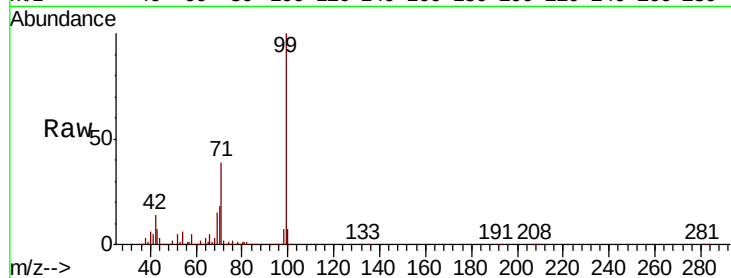
Tot Ion: 99 Resp: 2772863

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.6

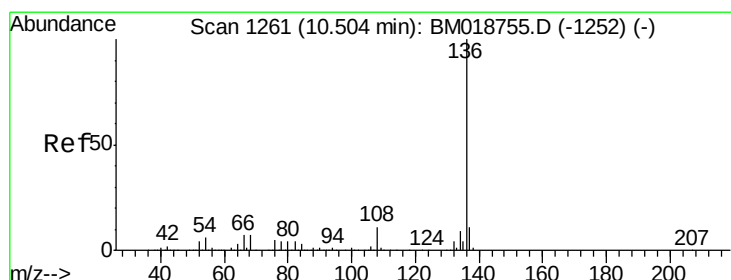
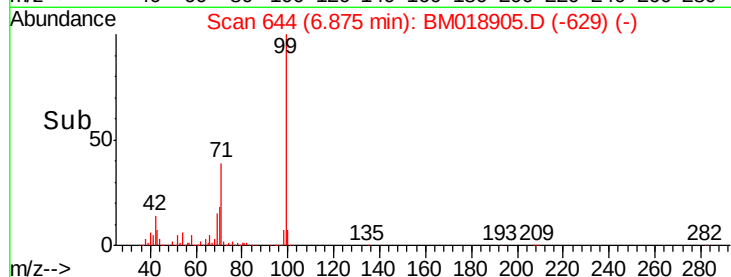
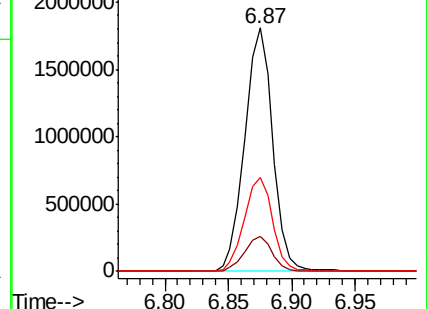
71 38.8 31.3 46.9



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: BM018905.D

Acq: 21 Feb 2019 20:44

Tgt Ion: 136 Resp: 1131065

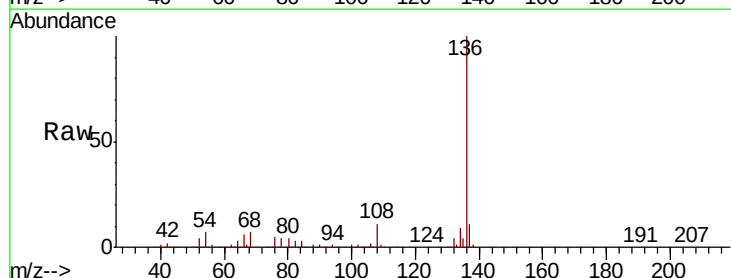
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 6.5 5.0 7.6

68 7.2 5.5 8.3

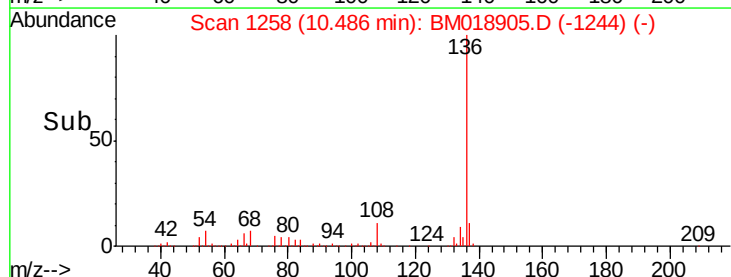
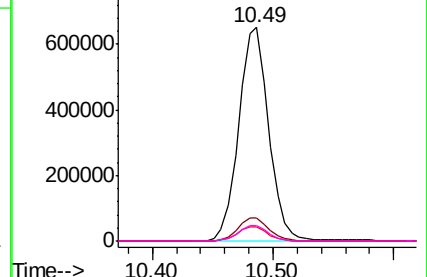


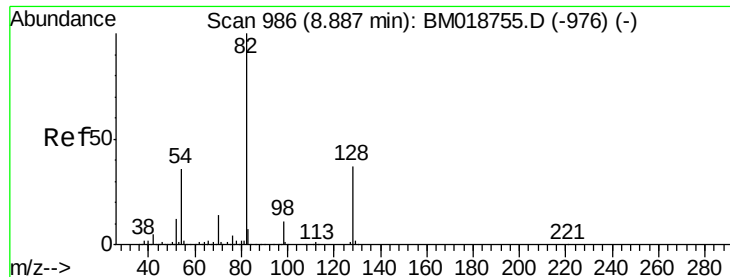
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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: 99.412 ng

RT: 8.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BM018905.D

Acq: 21 Feb 2019 20:44

Instrument :

BNA_M

ClientSampleId :

RBR-200036

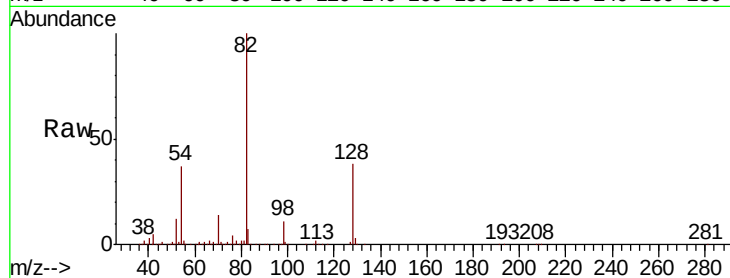
Tot Ion: 82 Resp: 2431766

Ion Ratio Lower Upper

82 100

128 37.7 29.9 44.9

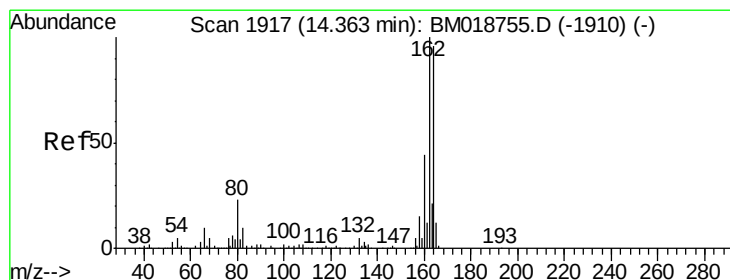
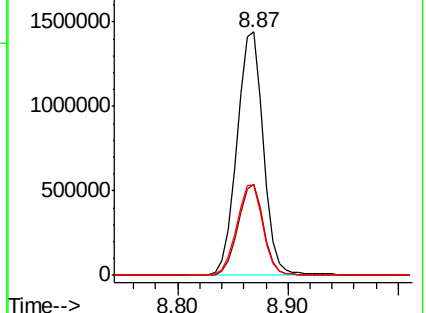
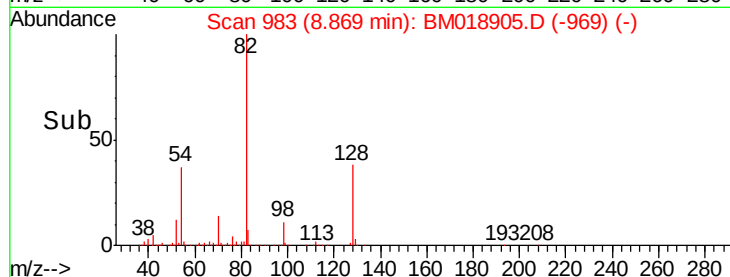
54 36.8 29.1 43.7



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: 14.34 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BM018905.D

Acq: 21 Feb 2019 20:44

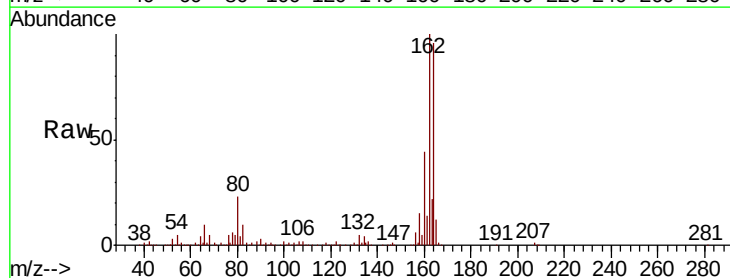
Tgt Ion:164 Resp: 619750

Ion Ratio Lower Upper

164 100

162 104.1 83.4 125.0

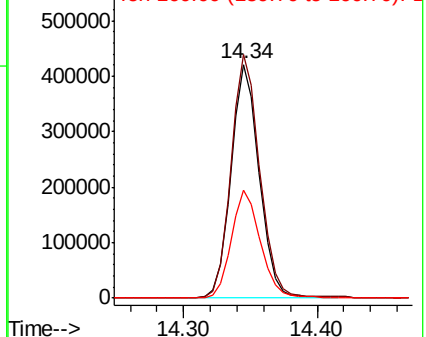
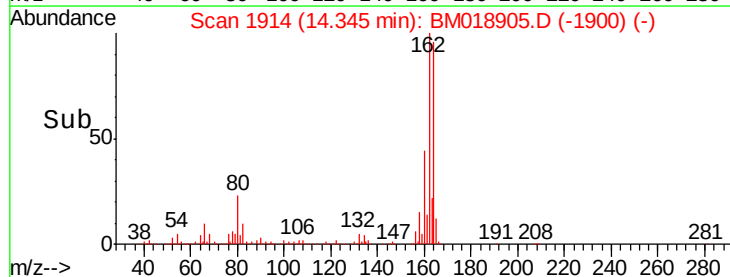
160 45.9 36.6 55.0

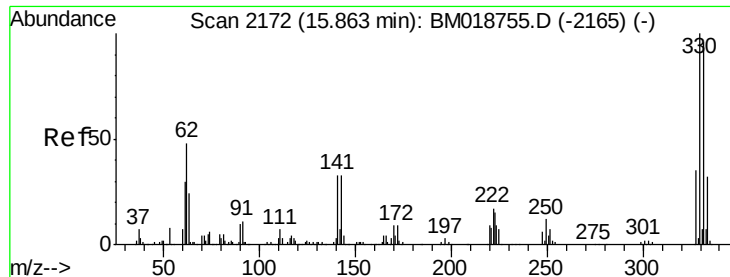


Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)

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

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

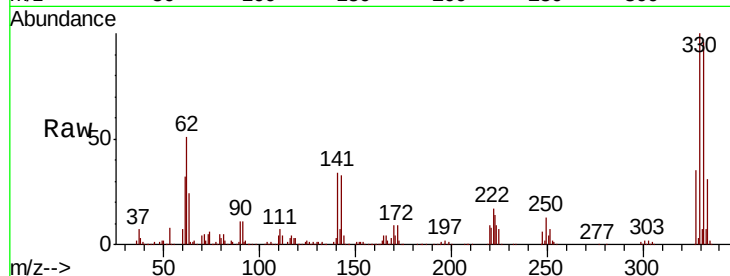




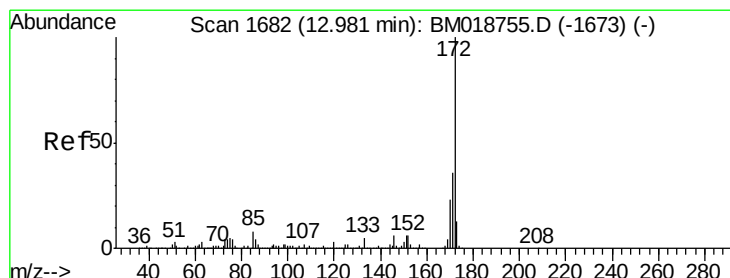
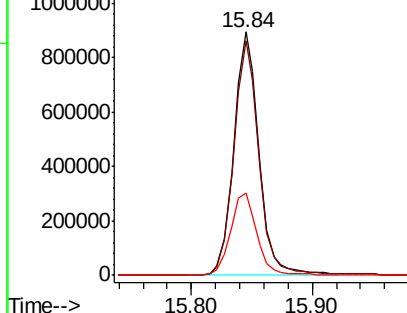
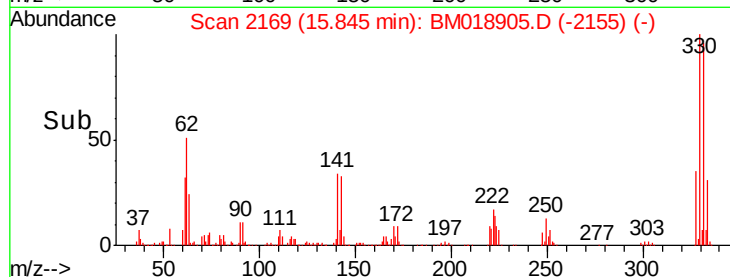
#42
 2,4,6-Tribromophenol
 Concen: 145.365 ng
 RT: 15.84 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BM018905.D
 Acq: 21 Feb 2019 20:44

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200036

Tot Ion:330 Resp: 1298619
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.9 115.3
 141 35.5 28.7 43.1

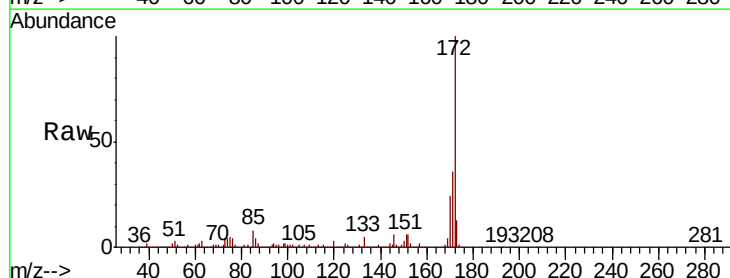


Abundance Ion 329.80 (329.50 to 330.50): E
 1200000 Ion 331.80 (331.50 to 332.50): E
 1000000 Ion 141.00 (140.70 to 141.70): E

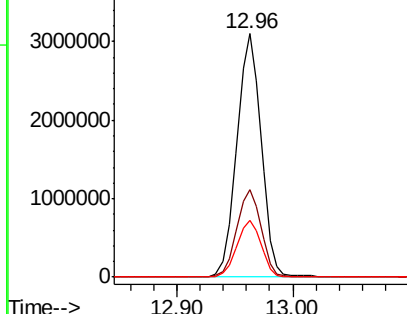
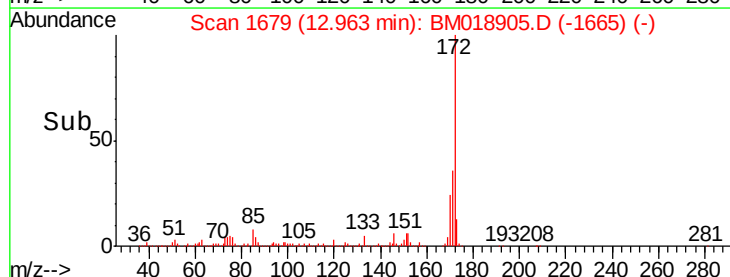


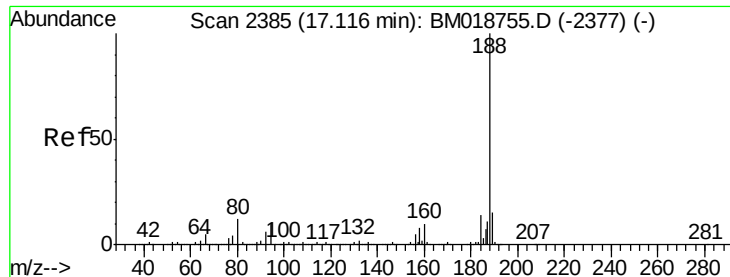
#45
 2-Fluorobiphenyl
 Concen: 97.397 ng
 RT: 12.96 min Scan# 1679
 Delta R.T. -0.02 min
 Lab File: BM018905.D
 Acq: 21 Feb 2019 20:44

Tgt Ion:172 Resp: 4547100
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 23.5 18.6 28.0



Abundance Ion 172.00 (171.70 to 172.70): E
 4000000 Ion 171.00 (170.70 to 171.70): E
 3000000 Ion 170.00 (169.70 to 170.70): E

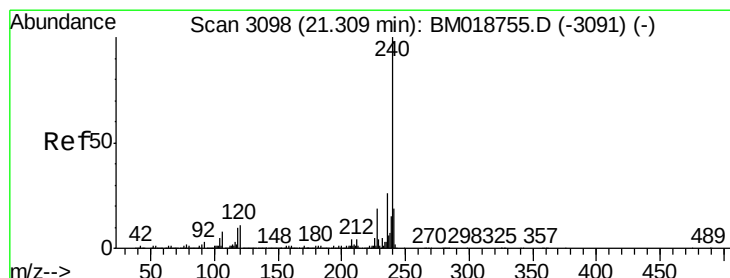
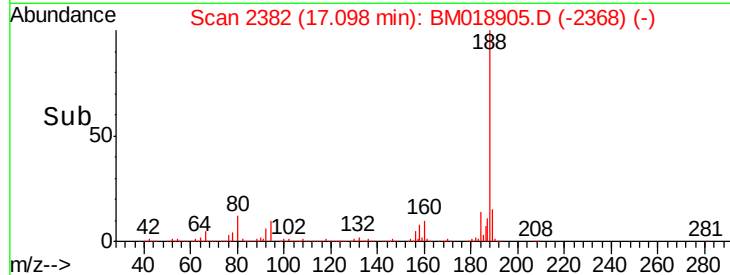
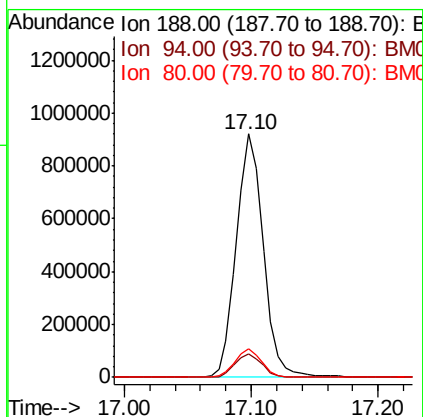
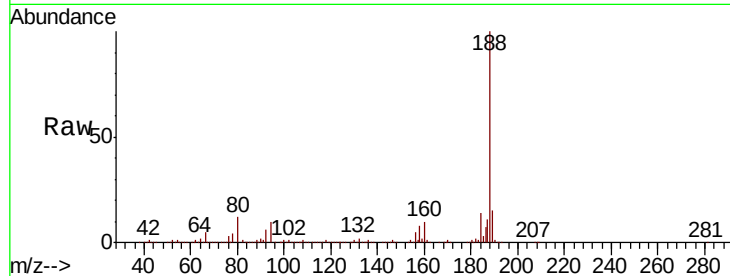




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018905.D
Acq: 21 Feb 2019 20:44

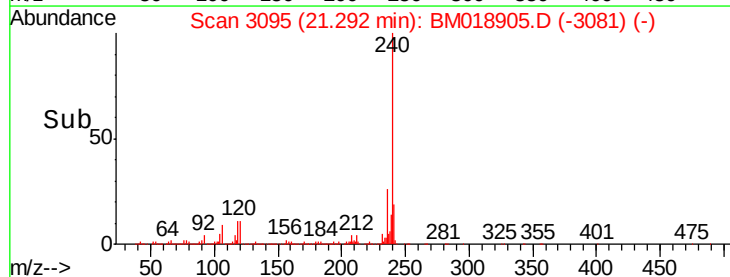
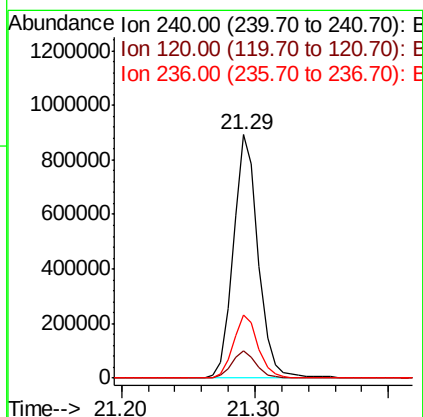
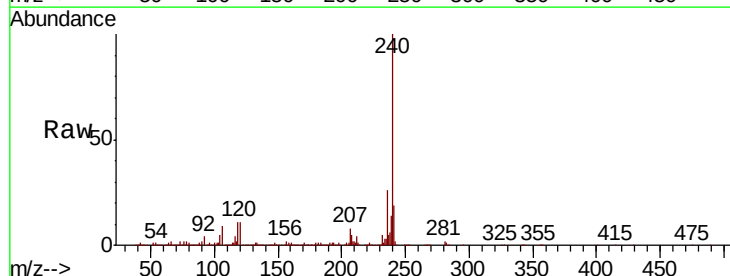
Instrument :
BNA_M
ClientSampleId :
RBR-200036

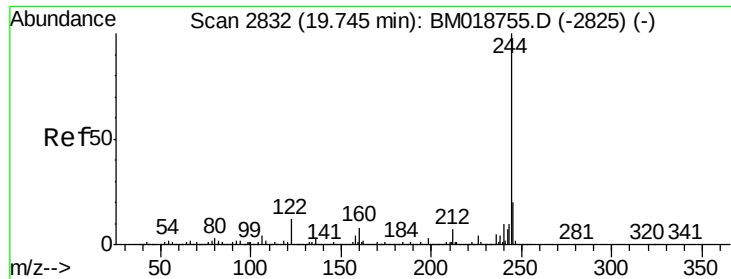
Tot Ion:188 Resp: 1359607
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 12.0 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018905.D
Acq: 21 Feb 2019 20:44

Tgt Ion:240 Resp: 1152051
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 126.950 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM018905.D

Acq: 21 Feb 2019 20:44

Instrument :

BNA_M

ClientSampleId :

RBR-200036

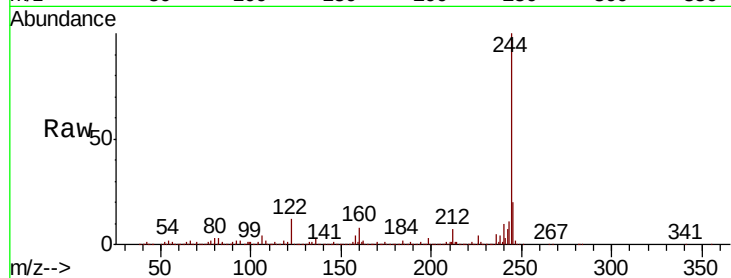
Tot Ion:244 Resp: 7089674

Ion Ratio Lower Upper

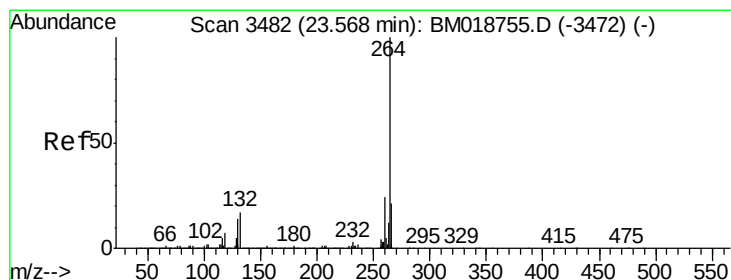
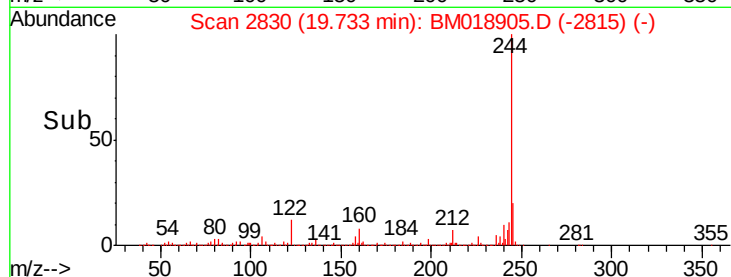
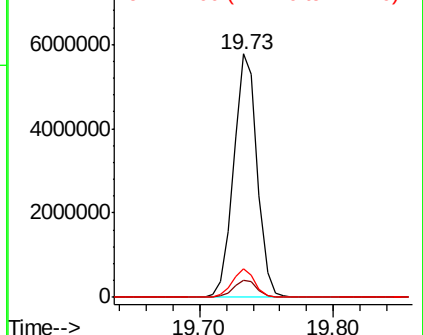
244 100

212 7.2 5.6 8.4

122 11.6 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: 23.54 min Scan# 3478

Delta R.T. -0.02 min

Lab File: BM018905.D

Acq: 21 Feb 2019 20:44

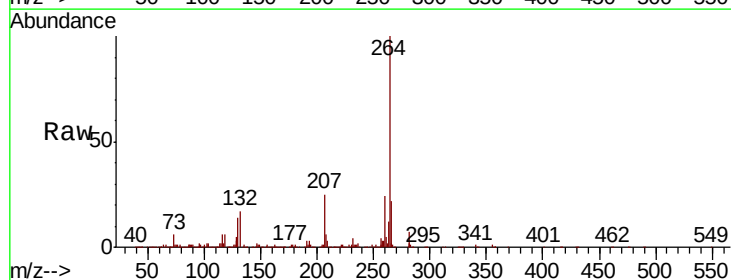
Tgt Ion:264 Resp: 1049089

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.2 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

