

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022119\
 Data File : BM018903.D
 Acq On : 21 Feb 2019 19:32
 Operator : JU/SJ
 Sample : K1546-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030

Quant Time: Feb 21 21:57:26 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

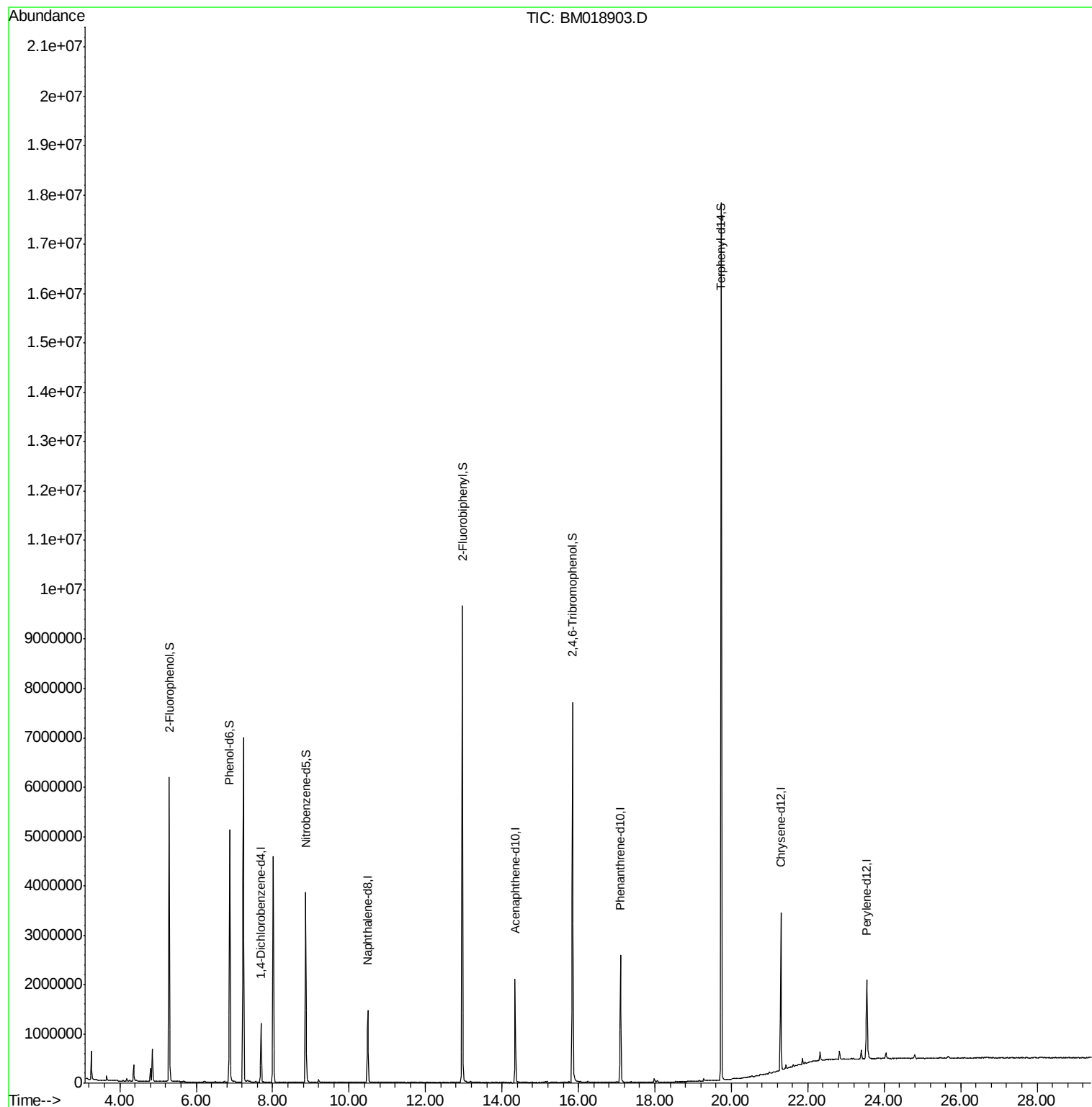
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	299995	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	1202591	20.00	ng	-0.02
39) Acenaphthene-d10	14.34	164	670502	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1515868	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1391282	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1216845	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2417066	132.01	ng	-0.01
7) Phenol-d6	6.87	99	2899078	112.40	ng	-0.01
23) Nitrobenzene-d5	8.87	82	2491765	95.81	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	1419255	146.84	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	4716074	93.37	ng	-0.02
79) Terphenyl-d14	19.73	244	7867932	116.66	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.87	77	5916	Below Cal	Qvalue #	7

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

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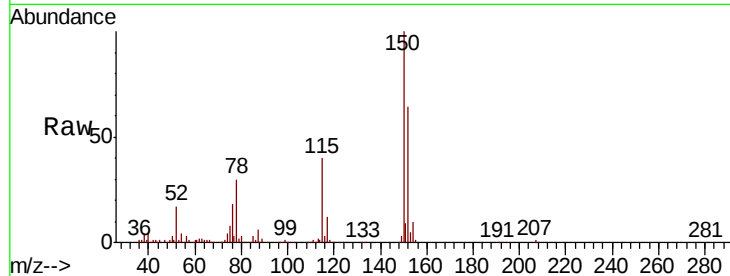


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BM018903.D
Acq: 21 Feb 2019 19:32

Instrument :
BNA_M
ClientSampleId :
RBR-200030

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.3	190.9
115	62.9	50.8	76.2

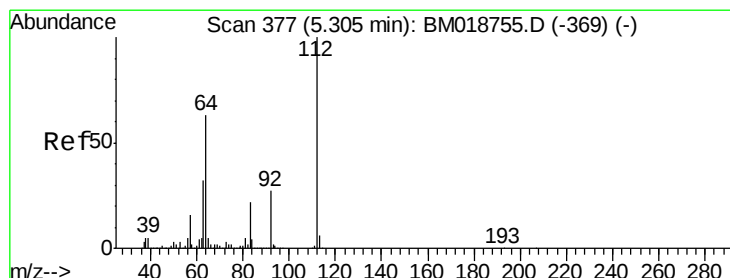
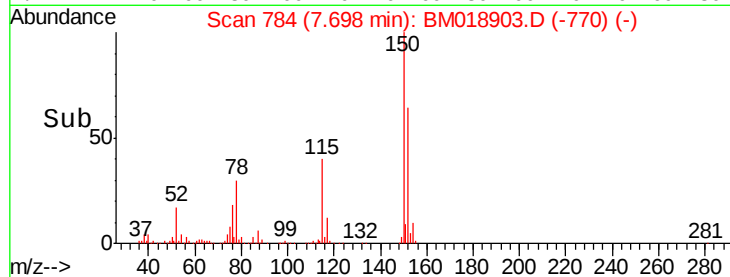
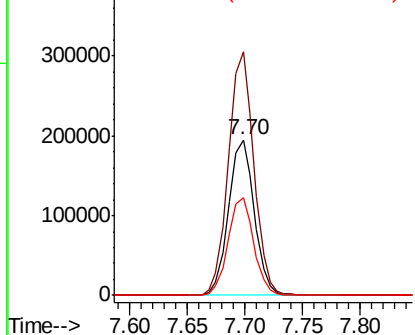


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

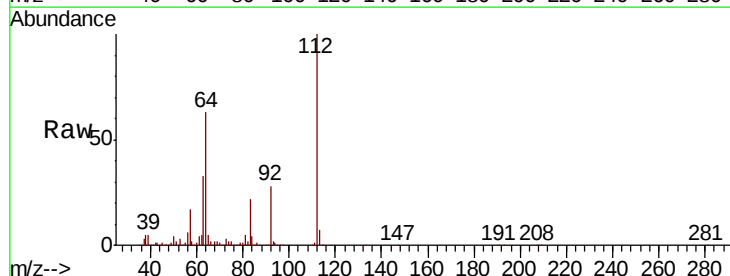
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.012 ng
RT: 5.29 min Scan# 375
Delta R.T. -0.01 min
Lab File: BM018903.D
Acq: 21 Feb 2019 19:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	50.6	75.8
63	32.5	25.7	38.5

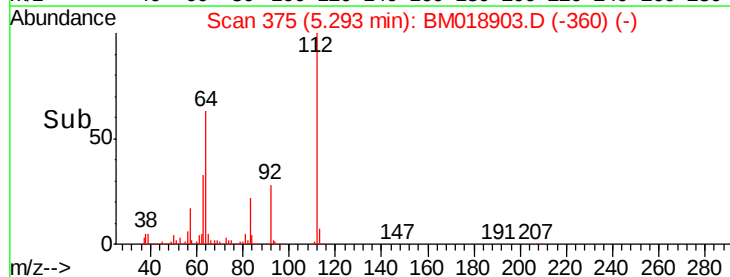
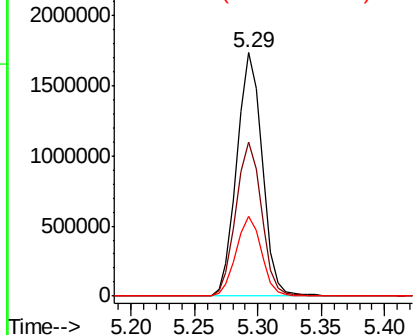


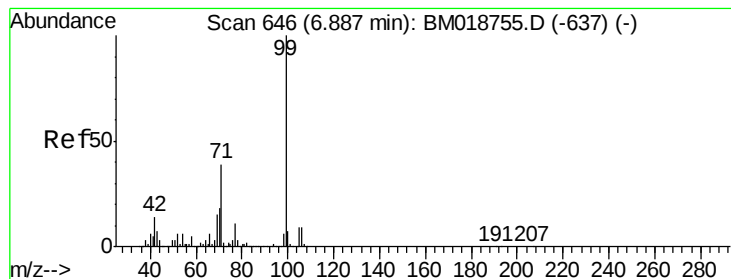
Abundance

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: 112.396 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018903.D

Acq: 21 Feb 2019 19:32

Instrument :

BNA_M

ClientSampleId :

RBR-200030

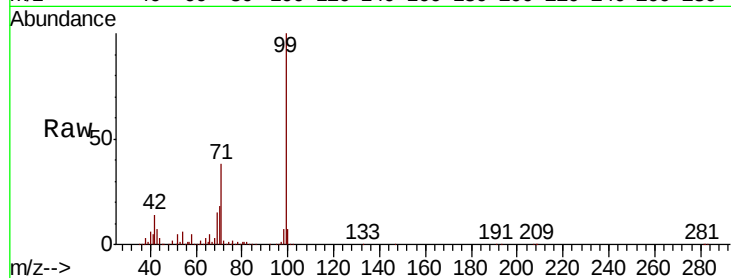
Tgt Ion: 99 Resp: 2899078

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.6

71 38.5 31.3 46.9

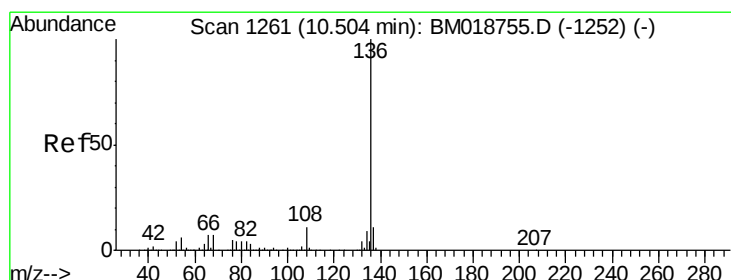
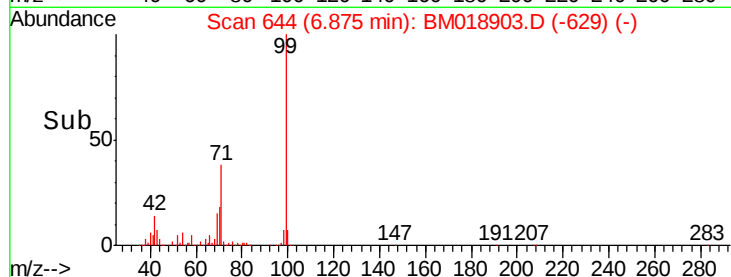
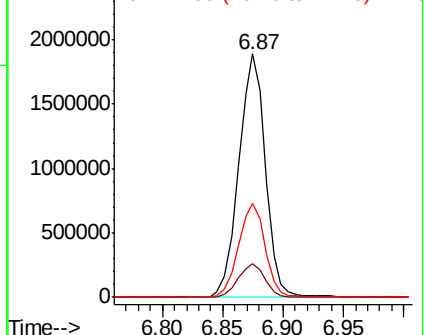


Abundance

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# 1258

Delta R.T. -0.02 min

Lab File: BM018903.D

Acq: 21 Feb 2019 19:32

Tgt Ion: 136 Resp: 1202591

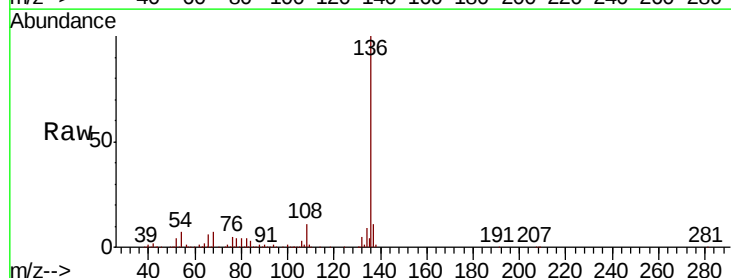
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.7 5.0 7.6

68 6.9 5.5 8.3



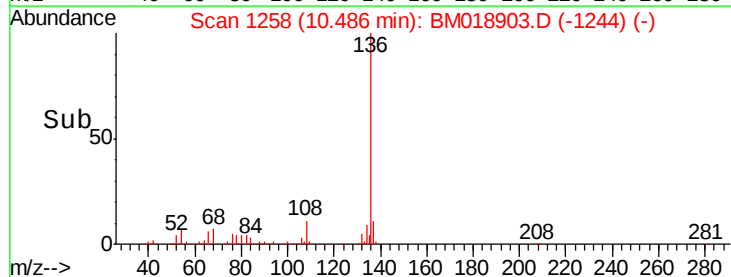
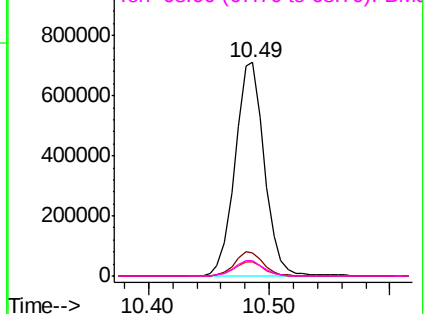
Abundance

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) (-)

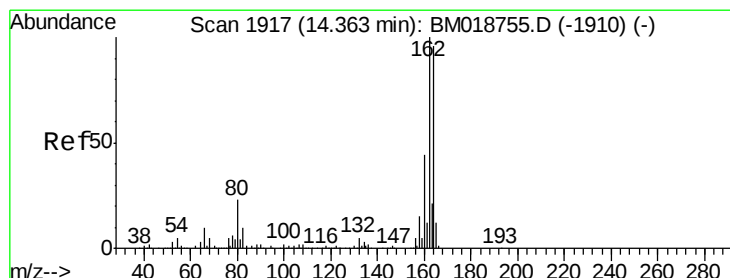
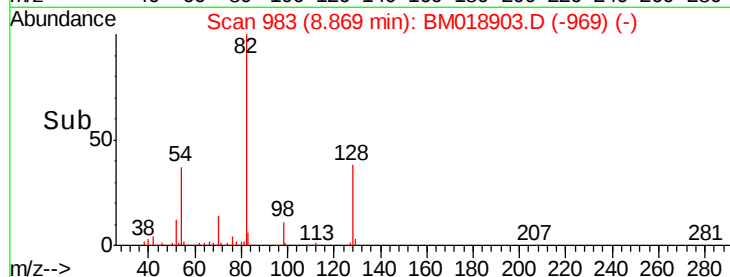
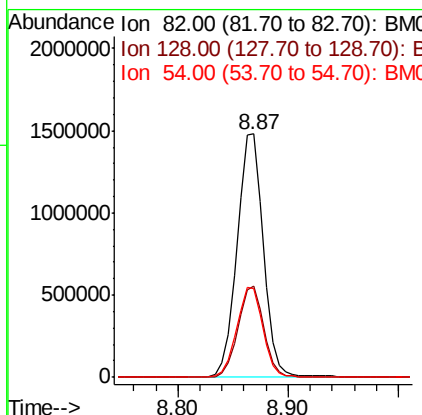
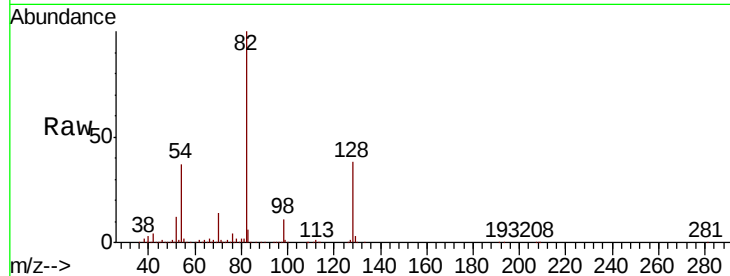




#23
 Nitrobenzene-d5
 Concen: 95.806 ng
 RT: 8.87 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BM018903.D
 Acq: 21 Feb 2019 19:32

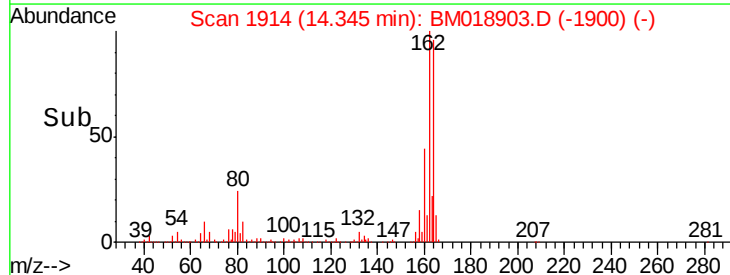
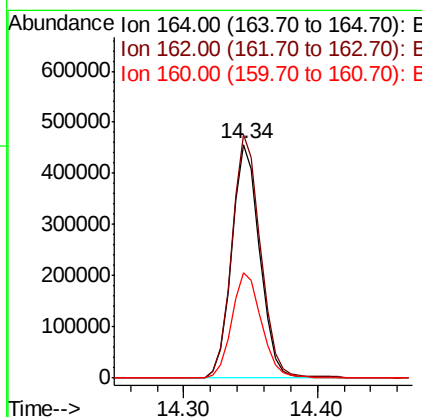
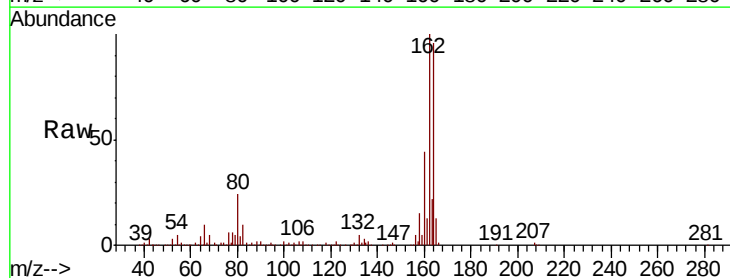
Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030

Tgt Ion: 82 Resp: 2491765
 Ion Ratio Lower Upper
 82 100
 128 37.6 29.9 44.9
 54 36.7 29.1 43.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.34 min Scan# 1914
 Delta R.T. -0.02 min
 Lab File: BM018903.D
 Acq: 21 Feb 2019 19:32

Tgt Ion: 164 Resp: 670502
 Ion Ratio Lower Upper
 164 100
 162 104.2 83.4 125.0
 160 45.3 36.6 55.0

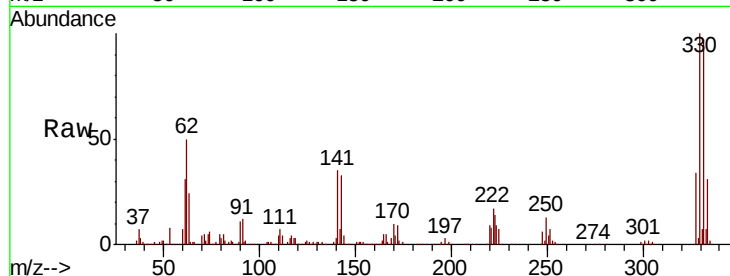




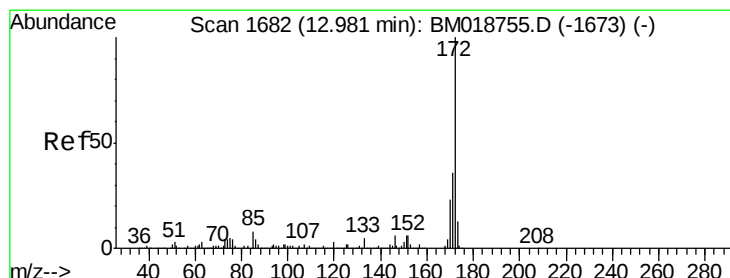
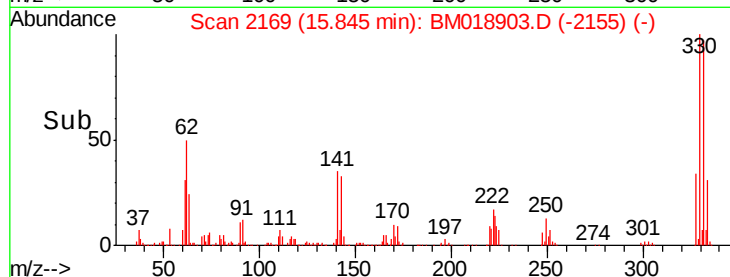
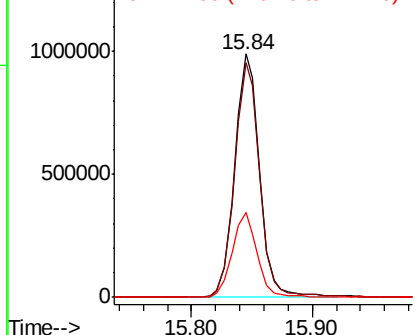
#42
 2,4,6-Tribromophenol
 Concen: 146.843 ng
 RT: 15.84 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BM018903.D
 Acq: 21 Feb 2019 19:32

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030

Tgt Ion:330 Resp: 1419255
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.9 115.3
 141 34.8 28.7 43.1

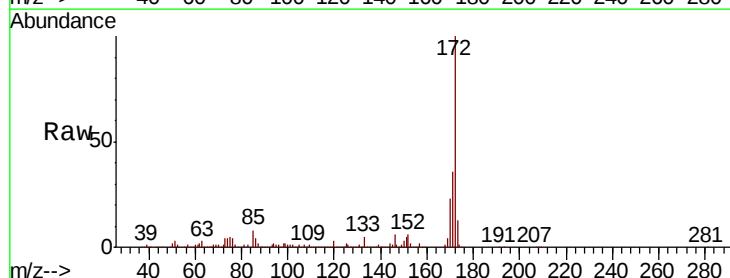


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

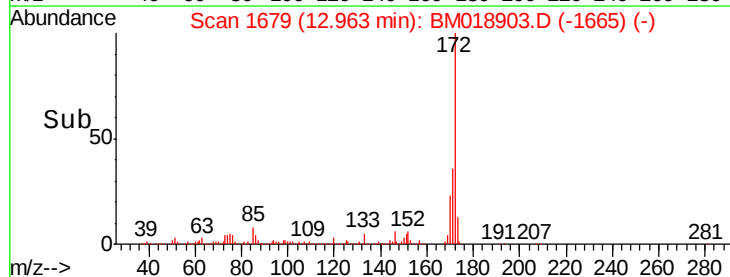
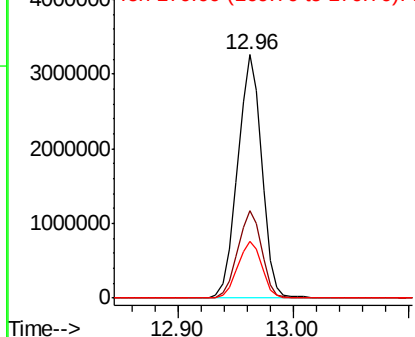


#45
 2-Fluorobiphenyl
 Concen: 93.370 ng
 RT: 12.96 min Scan# 1679
 Delta R.T. -0.02 min
 Lab File: BM018903.D
 Acq: 21 Feb 2019 19:32

Tgt Ion:172 Resp: 4716074
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 23.5 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

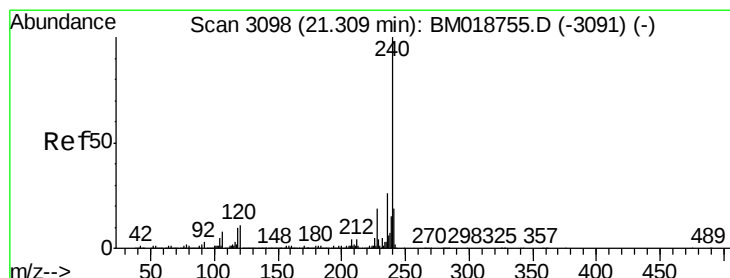
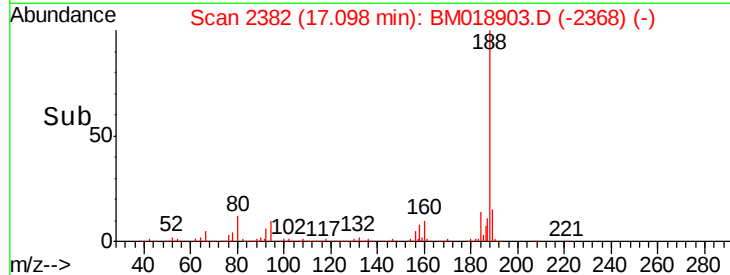
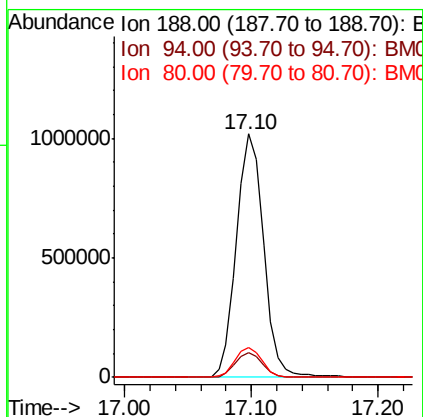
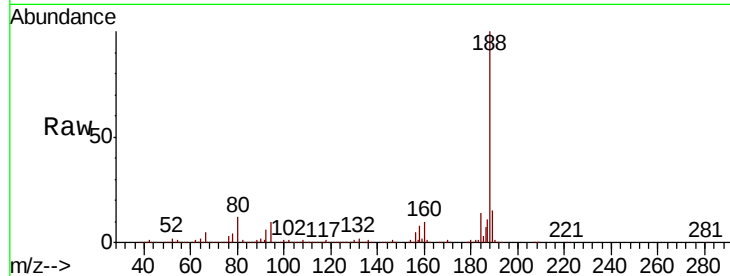




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018903.D
Acq: 21 Feb 2019 19:32

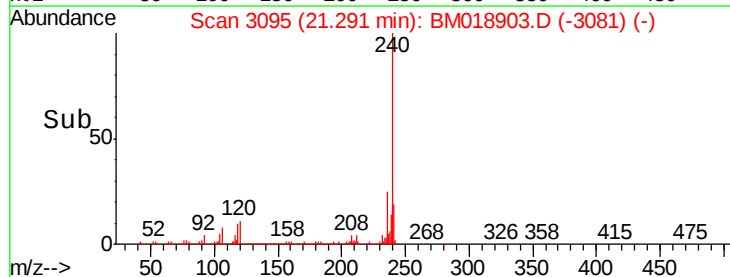
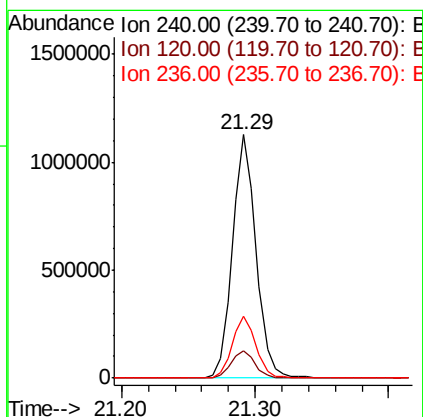
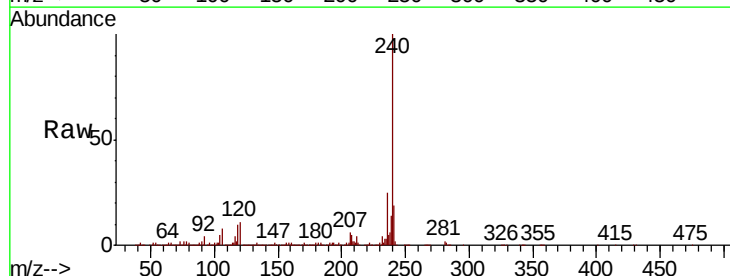
Instrument :
BNA_M
ClientSampleId :
RBR-200030

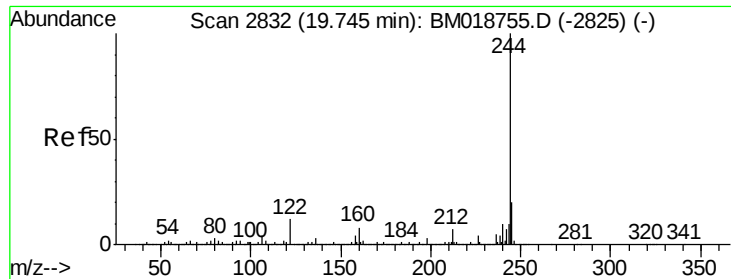
Tgt Ion:188 Resp: 1515868
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 12.0 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018903.D
Acq: 21 Feb 2019 19:32

Tgt Ion:240 Resp: 1391282
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 116.660 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM018903.D

Acq: 21 Feb 2019 19:32

Instrument :

BNA_M

ClientSampleId :

RBR-200030

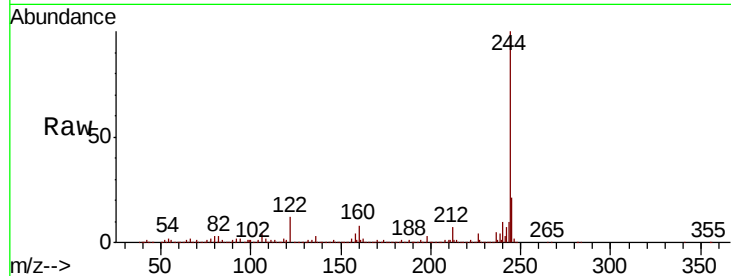
Tgt Ion:244 Resp: 7867932

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

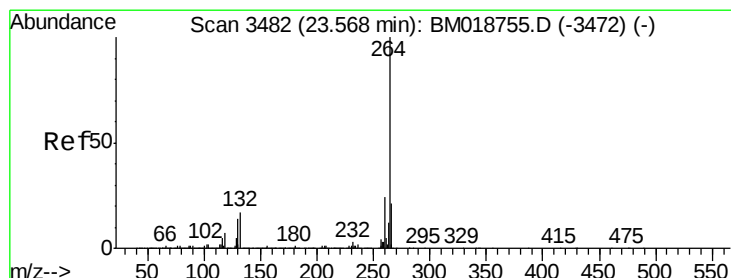
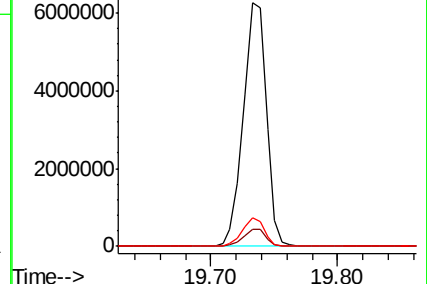
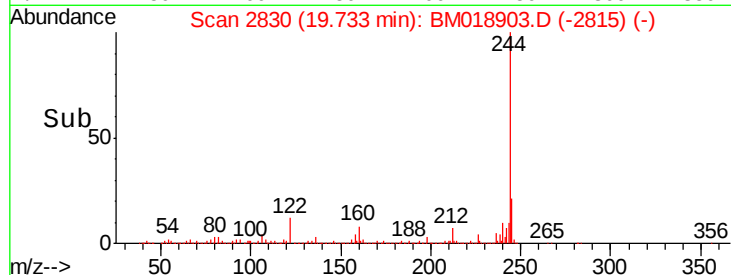
122 11.7 9.3 13.9



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: BM018903.D

Acq: 21 Feb 2019 19:32

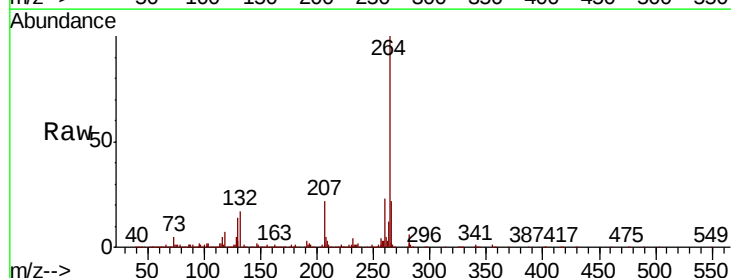
Tgt Ion:264 Resp: 1216845

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 22.3 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

