

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022119\
 Data File : BM018900.D
 Acq On : 21 Feb 2019 17:44
 Operator : JU/SJ
 Sample : K1546-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200036

Quant Time: Feb 21 21:56:58 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

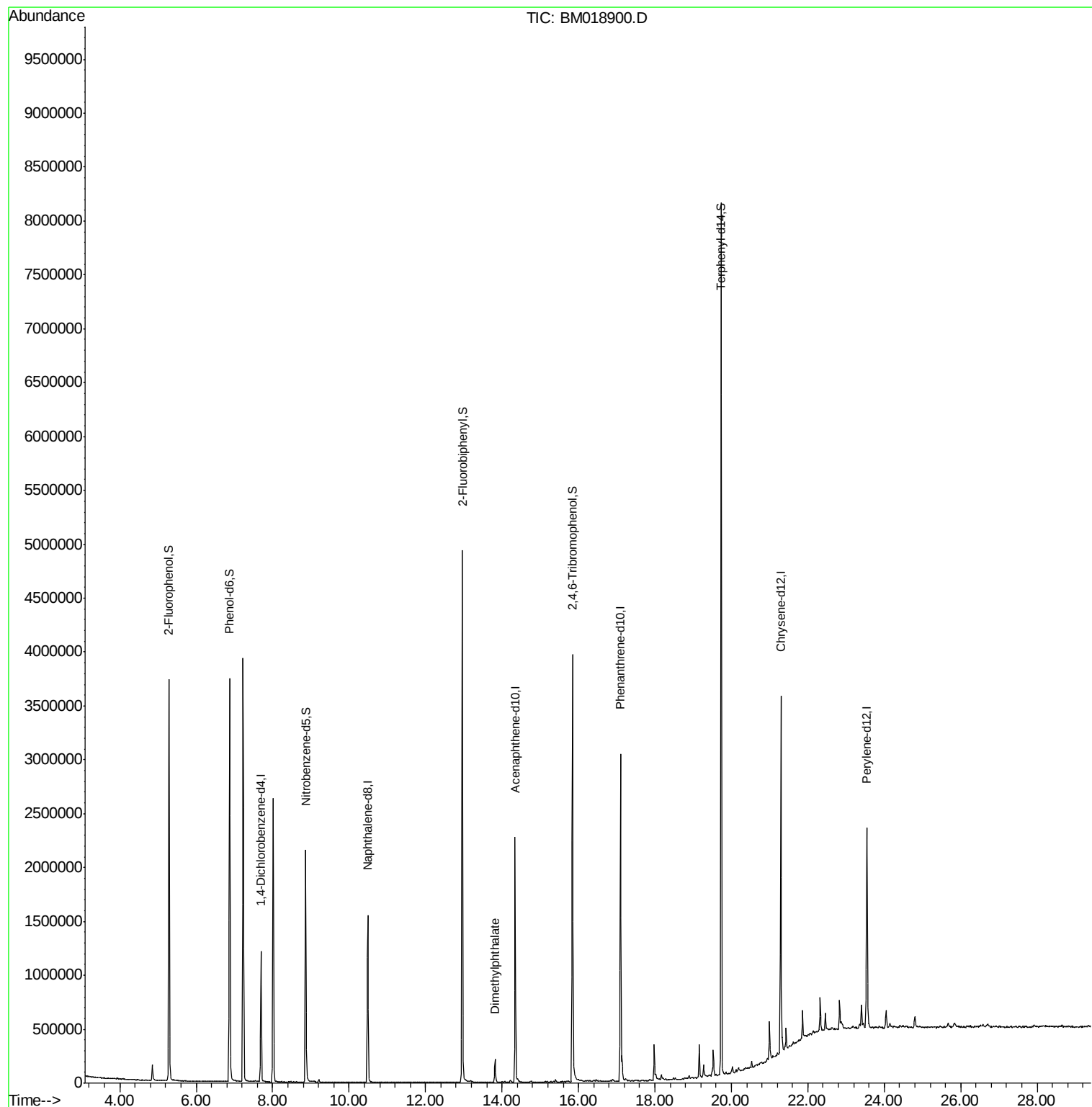
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	316235	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	1308614	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	738578	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1645384	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1451454	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1289466	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1564794	81.07	ng	-0.01
7) Phenol-d6	6.87	99	2175330	80.01	ng	-0.02
23) Nitrobenzene-d5	8.86	82	1393863	49.25	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	749231	70.37	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	2425694	43.60	ng	-0.02
79) Terphenyl-d14	19.73	244	3501940	49.77	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.87	77	4980	Below Cal	Qvalue #	7
50) Dimethylphthalate	13.82	163	157295	2.555 ng		99

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

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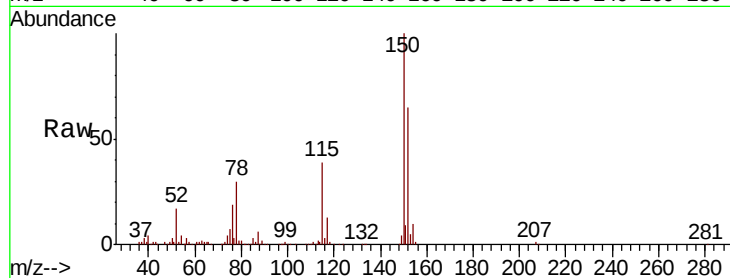




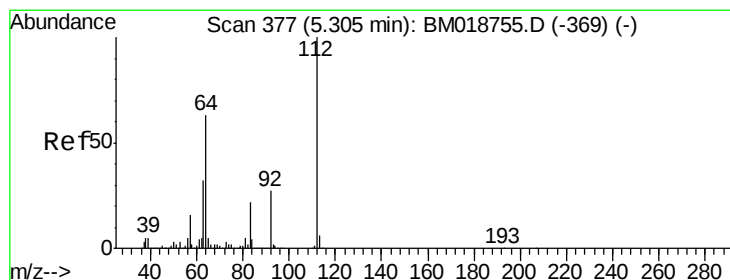
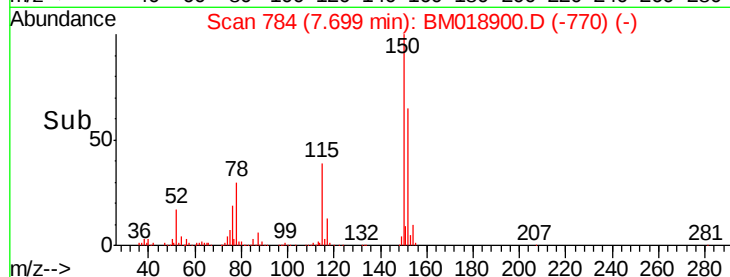
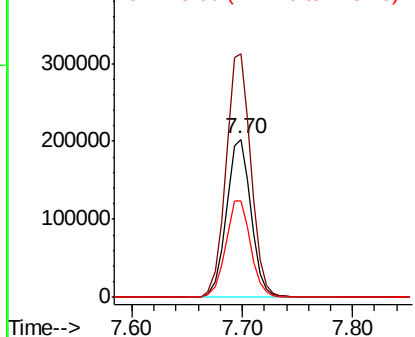
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.70 min Scan# 784
 Delta R.T. -0.02 min
 Lab File: BM018900.D
 Acq: 21 Feb 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200036

Tgt Ion:152 Resp: 316235
 Ion Ratio Lower Upper
 152 100
 150 154.3 127.3 190.9
 115 60.9 50.8 76.2

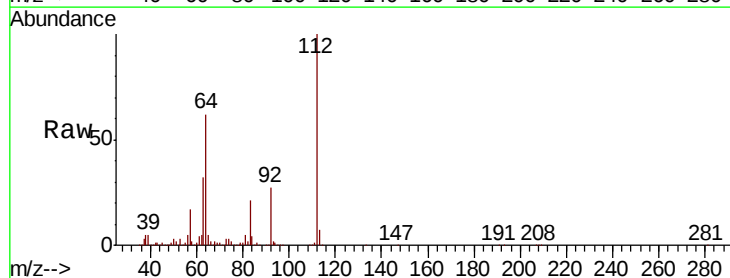


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

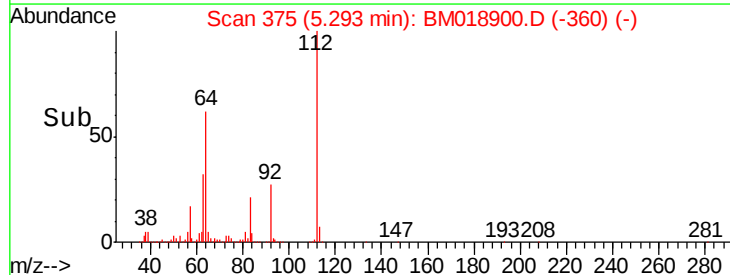
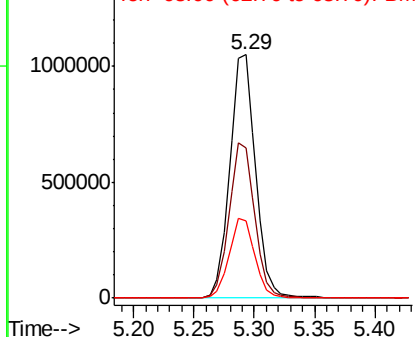


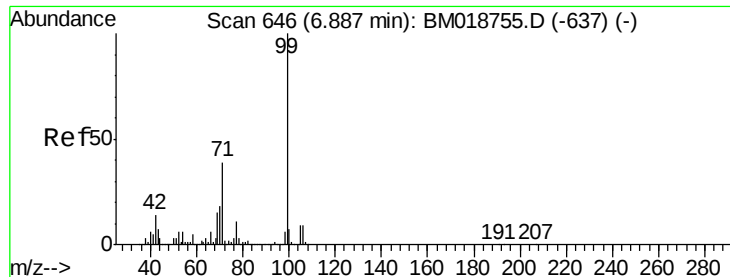
#5
 2-Fluorophenol
 Concen: 81.075 ng
 RT: 5.29 min Scan# 375
 Delta R.T. -0.01 min
 Lab File: BM018900.D
 Acq: 21 Feb 2019 17:44

Tgt Ion:112 Resp: 1564794
 Ion Ratio Lower Upper
 112 100
 64 61.9 50.6 75.8
 63 32.0 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: 80.005 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018900.D

Acq: 21 Feb 2019 17:44

Instrument :

BNA_M

ClientSampleId :

RBR-200036

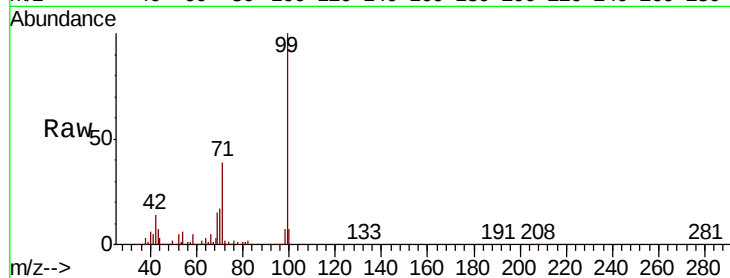
Tgt Ion: 99 Resp: 2175330

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.6

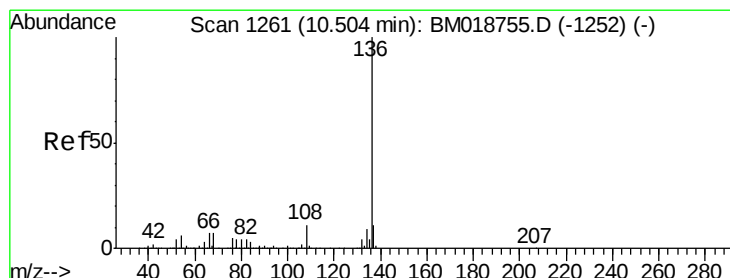
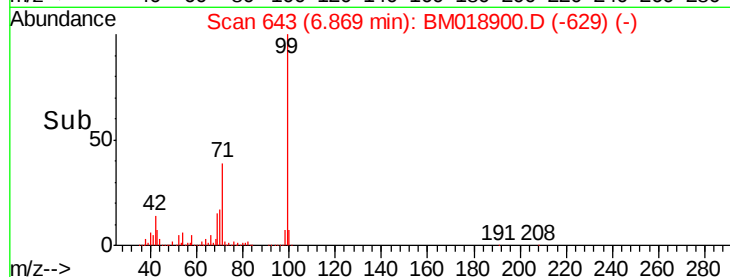
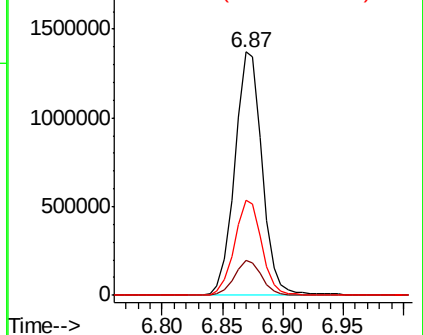
71 39.0 31.3 46.9



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: BM018900.D

Acq: 21 Feb 2019 17:44

Tgt Ion: 136 Resp: 1308614

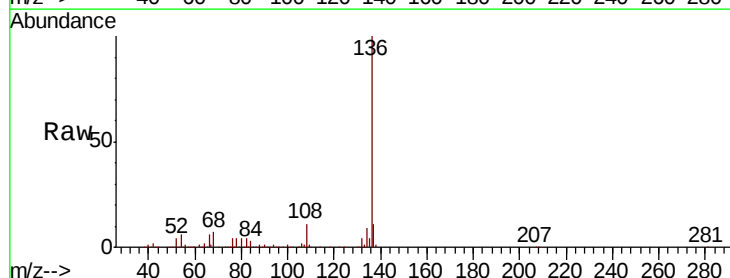
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 6.3 5.0 7.6

68 7.2 5.5 8.3

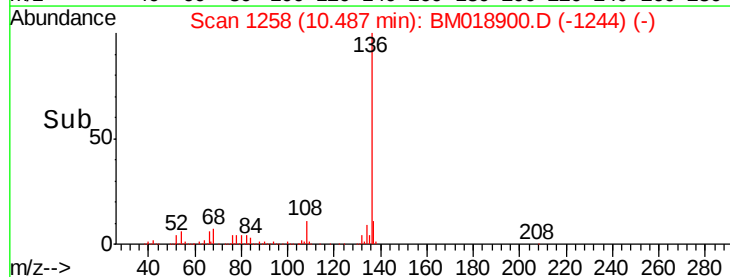
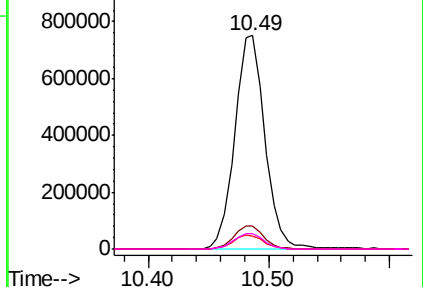


Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

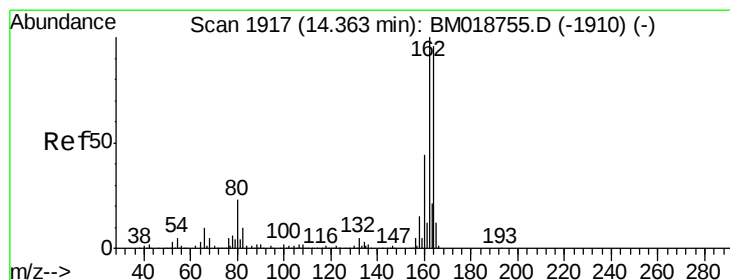
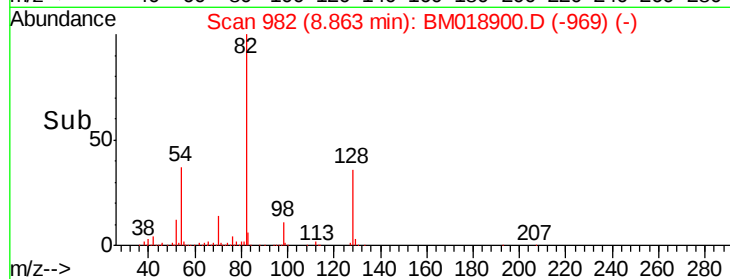
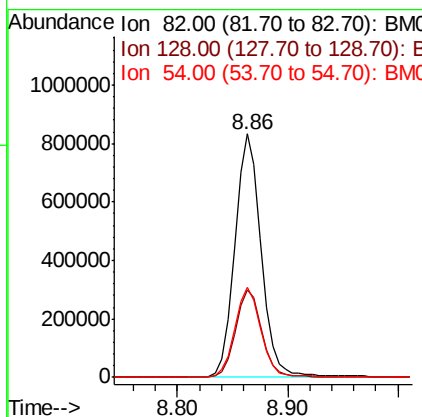
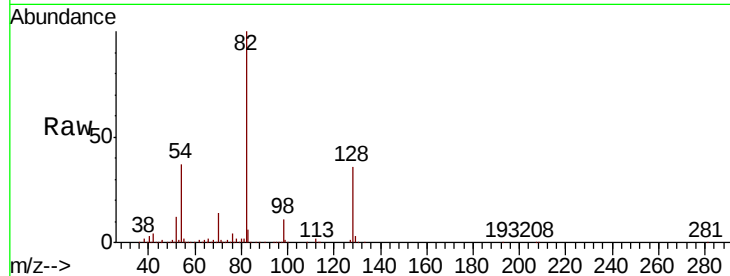




#23
 Nitrobenzene-d5
 Concen: 49.251 ng
 RT: 8.86 min Scan# 982
 Delta R.T. -0.02 min
 Lab File: BM018900.D
 Acq: 21 Feb 2019 17:44

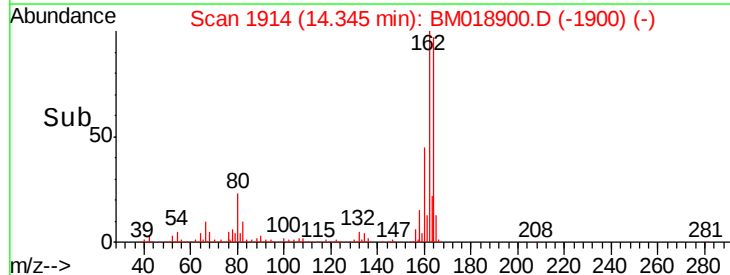
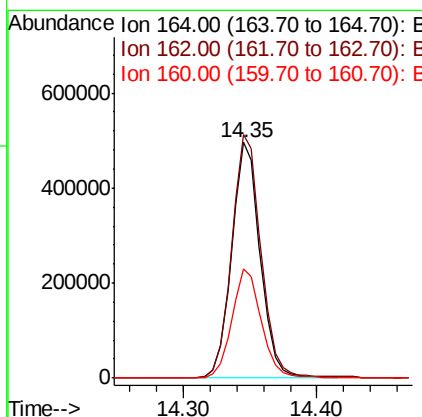
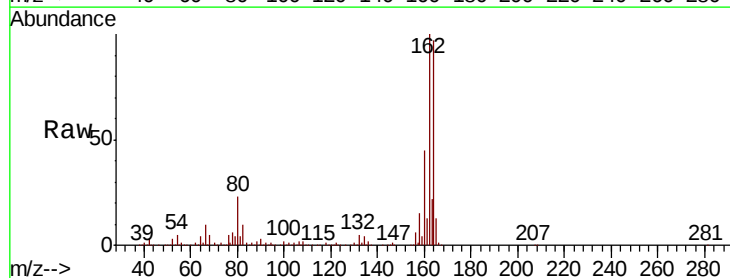
Instrument :
 BNA_M
 ClientSampleId :
 RBR-200036

Tgt Ion: 82 Resp: 1393863
 Ion Ratio Lower Upper
 82 100
 128 36.1 29.9 44.9
 54 37.0 29.1 43.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.35 min Scan# 1914
 Delta R.T. -0.02 min
 Lab File: BM018900.D
 Acq: 21 Feb 2019 17:44

Tgt Ion: 164 Resp: 738578
 Ion Ratio Lower Upper
 164 100
 162 103.3 83.4 125.0
 160 46.1 36.6 55.0

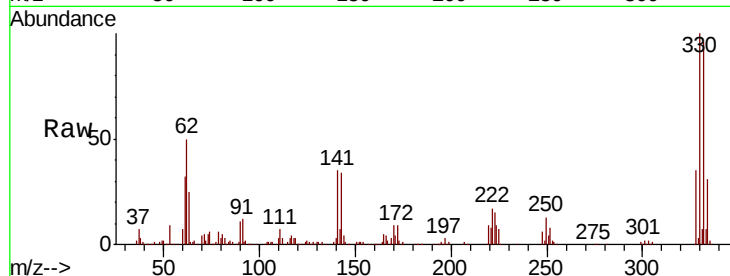




#42
 2,4,6-Tribromophenol
 Concen: 70.374 ng
 RT: 15.85 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BM018900.D
 Acq: 21 Feb 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200036

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	35.9	28.7	43.1

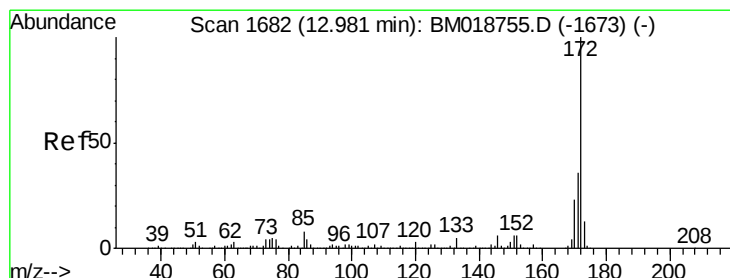
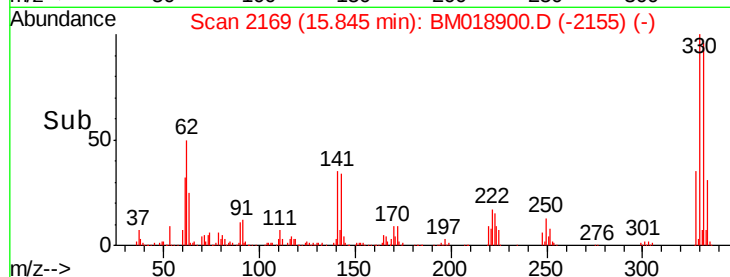
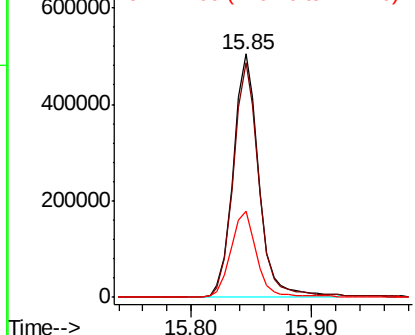


Abundance

Ion 329.80 (329.50 to 330.50): E

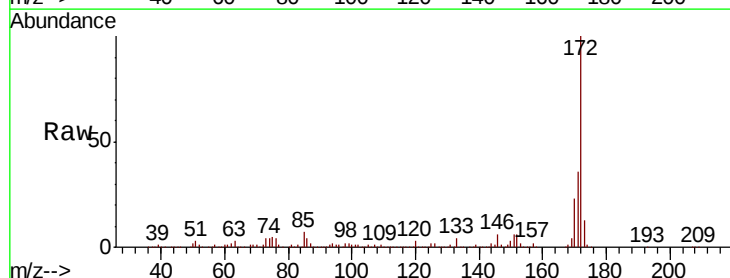
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 43.598 ng
 RT: 12.96 min Scan# 1679
 Delta R.T. -0.02 min
 Lab File: BM018900.D
 Acq: 21 Feb 2019 17:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	23.4	18.6	28.0

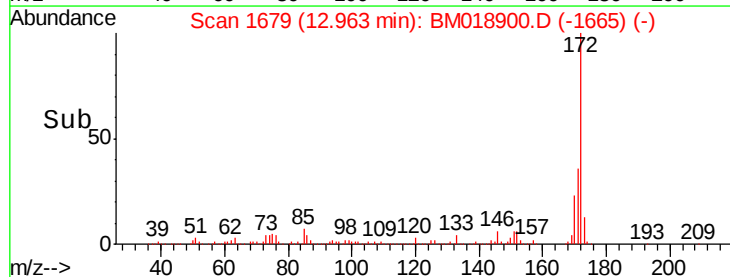
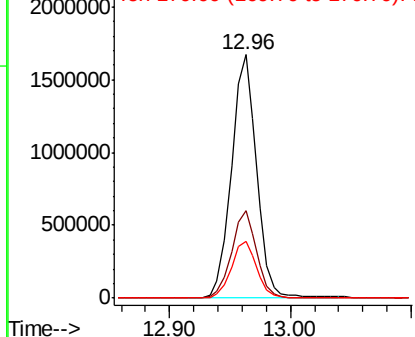


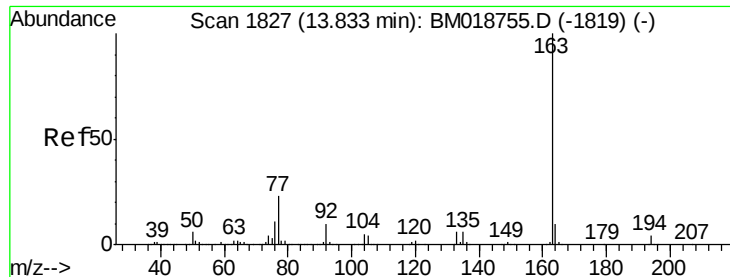
Abundance

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





#50

Dimethylphthalate

Concen: 2.555 ng

RT: 13.82 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BM018900.D

Acq: 21 Feb 2019 17:44

Instrument :

BNA_M

ClientSampleId :

RBR-200036

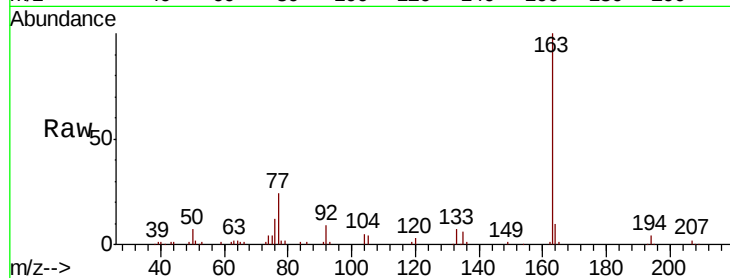
Tgt Ion:163 Resp: 157295

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

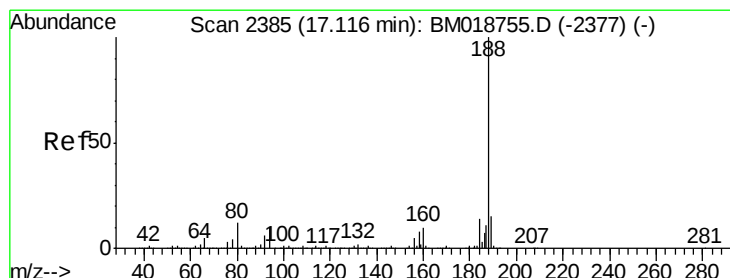
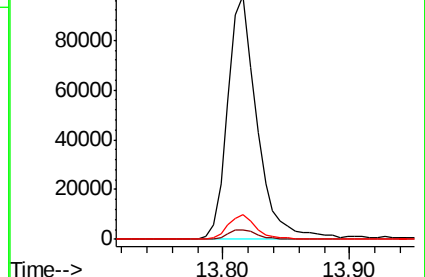
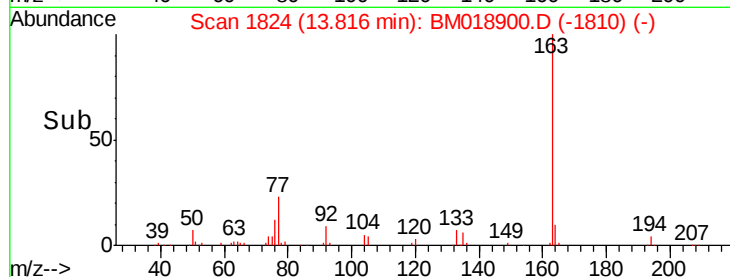
164 10.1 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2382

Delta R.T. -0.02 min

Lab File: BM018900.D

Acq: 21 Feb 2019 17:44

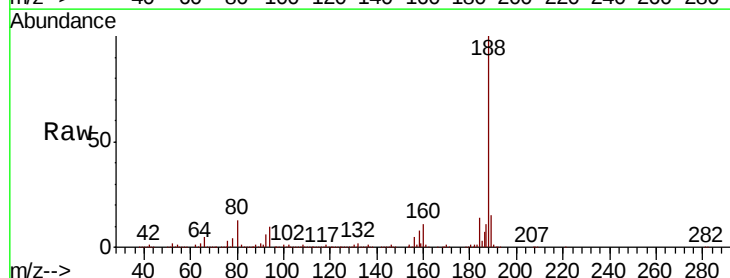
Tgt Ion:188 Resp: 1645384

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

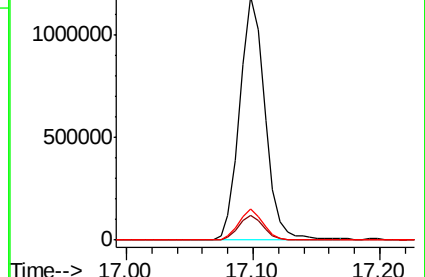
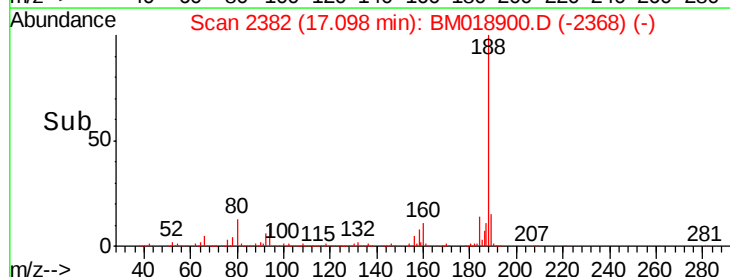
80 12.6 9.7 14.5

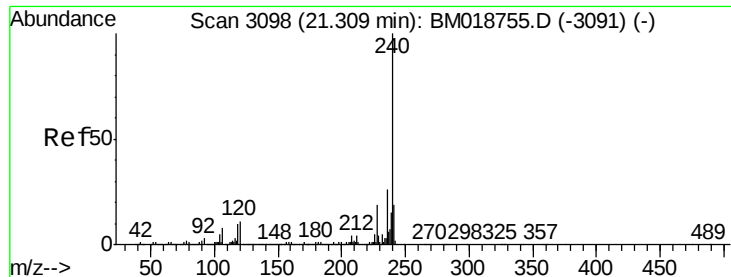


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

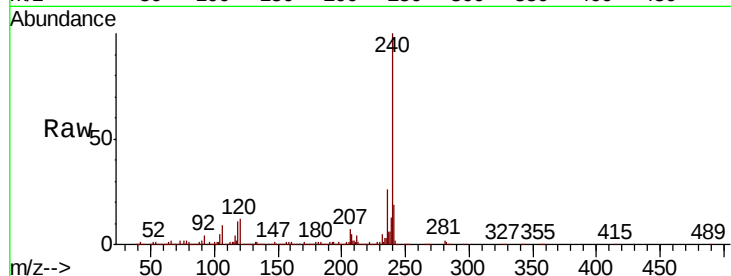




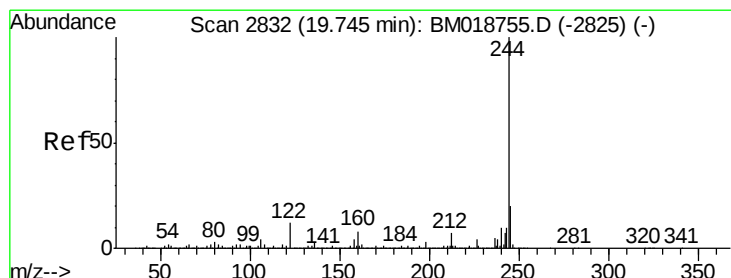
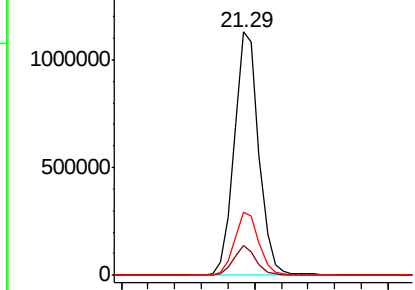
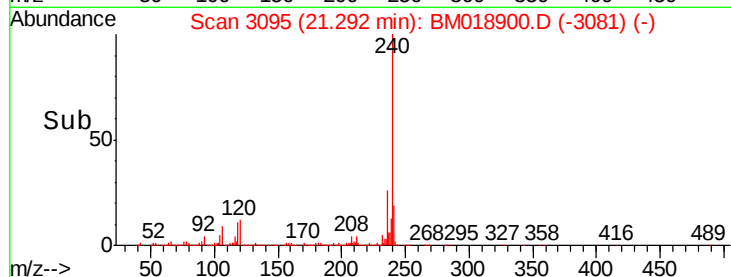
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018900.D
Acq: 21 Feb 2019 17:44

Instrument :
BNA_M
ClientSampleId :
RBR-200036

Tgt Ion:240 Resp: 1451454
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 25.8 20.9 31.3

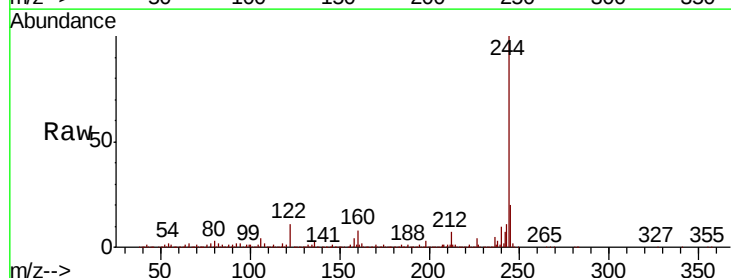


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

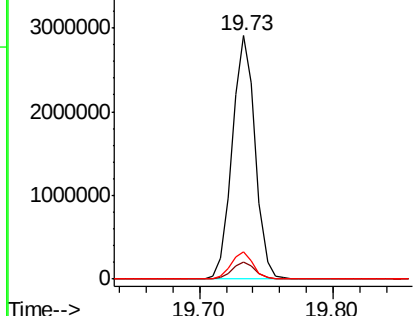
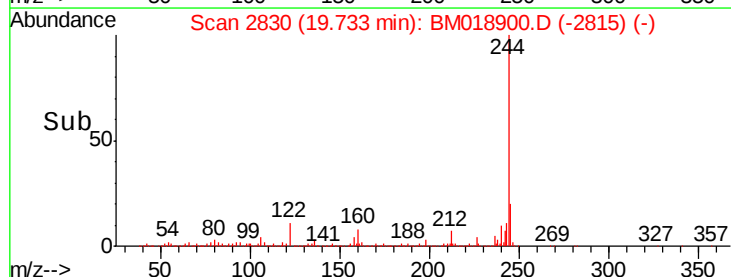


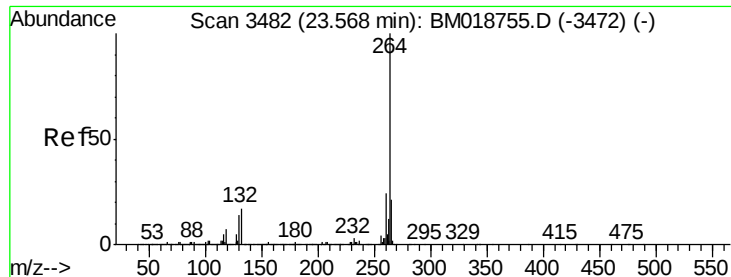
#79
Terphenyl-d14
Concen: 49.772 ng
RT: 19.73 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BM018900.D
Acq: 21 Feb 2019 17:44

Tgt Ion:244 Resp: 3501940
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 11.1 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: BM018900.D
Acq: 21 Feb 2019 17:44

Instrument :
BNA_M
ClientSampleId :
RBR-200036

Tgt Ion:264 Resp: 1289466

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.7	17.3	25.9

