

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022119\
 Data File : BM018904.D
 Acq On : 21 Feb 2019 20:08
 Operator : JU/SJ
 Sample : K1546-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200034

Quant Time: Feb 22 04:11:51 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	301953	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	1206457	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	673297	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1481186	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1335084	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1171746	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2473634	134.23	ng	-0.01
7) Phenol-d6	6.88	99	2930906	112.89	ng	-0.01
23) Nitrobenzene-d5	8.87	82	2526676	96.84	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	1404111	144.67	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	4721394	93.09	ng	-0.02
79) Terphenyl-d14	19.73	244	7663537	118.41	ng	-0.01

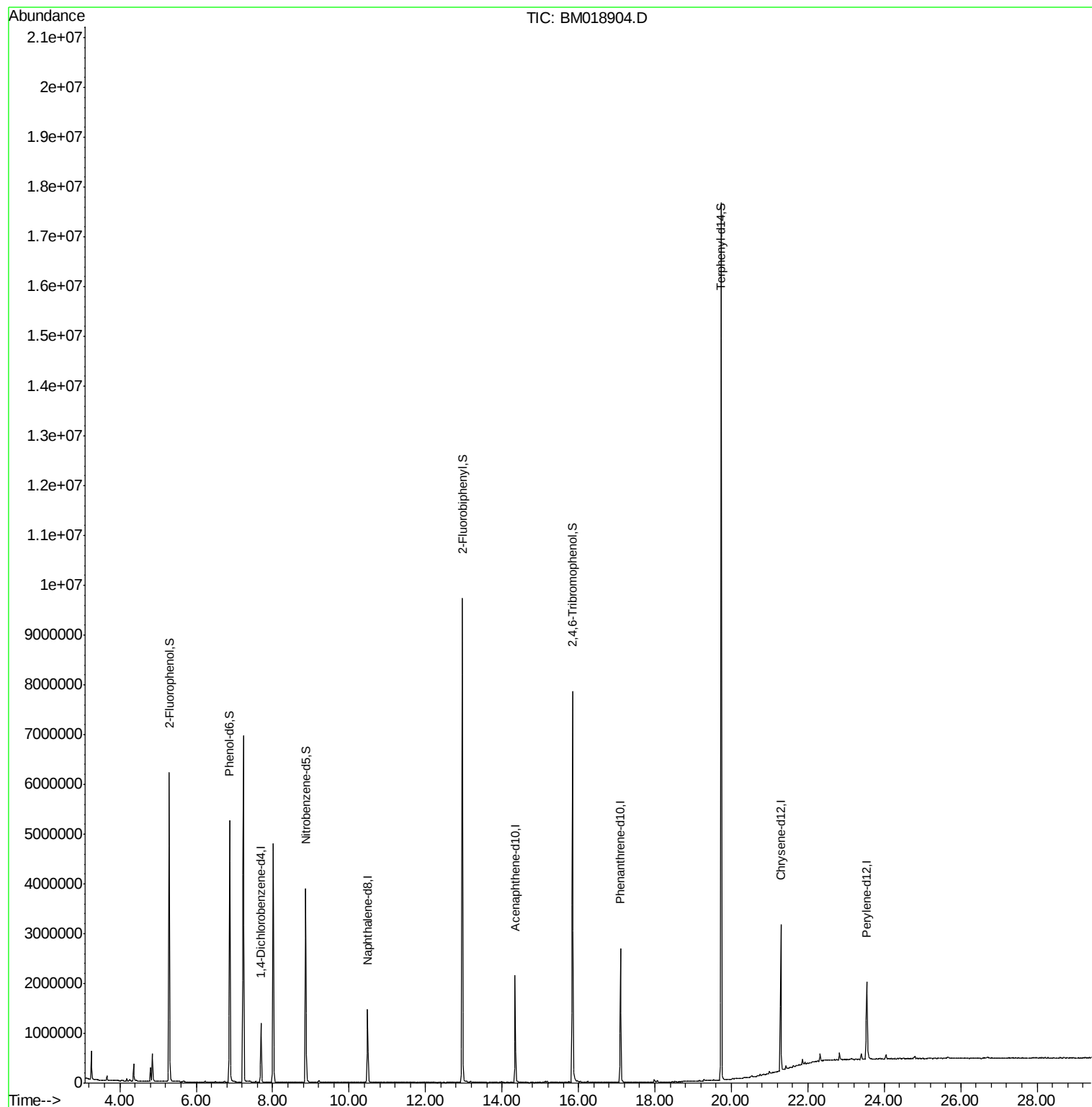
Target Compounds Qvalue

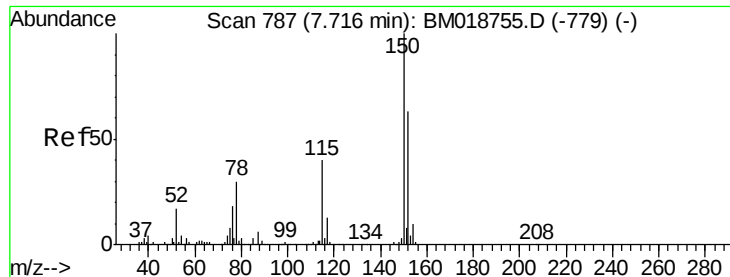
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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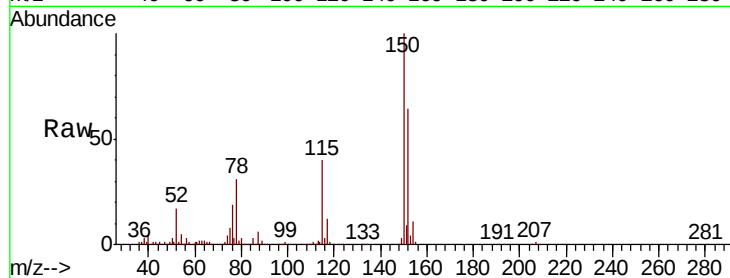


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BM018904.D
Acq: 21 Feb 2019 20:08

Instrument :
BNA_M
ClientSampleId :
RBR-200034

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.3	190.9
115	62.1	50.8	76.2

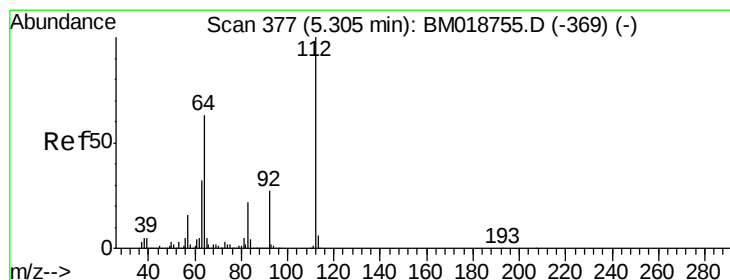
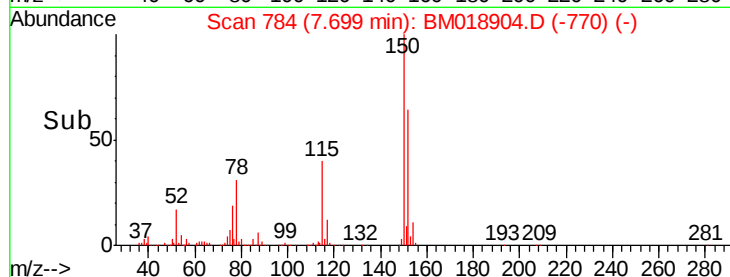
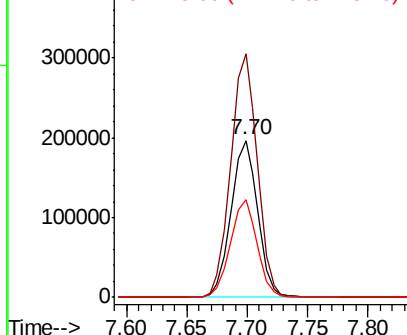


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

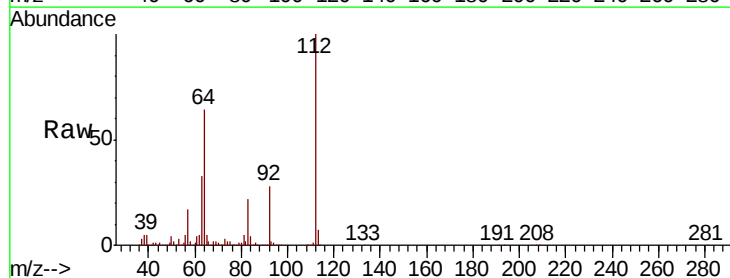
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 134.226 ng
RT: 5.29 min Scan# 375
Delta R.T. -0.01 min
Lab File: BM018904.D
Acq: 21 Feb 2019 20:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	50.6	75.8
63	33.0	25.7	38.5

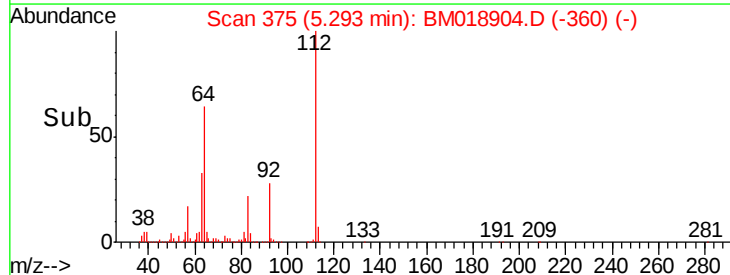
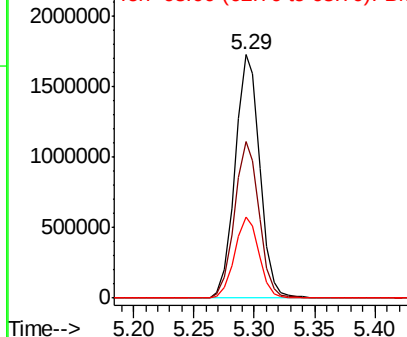


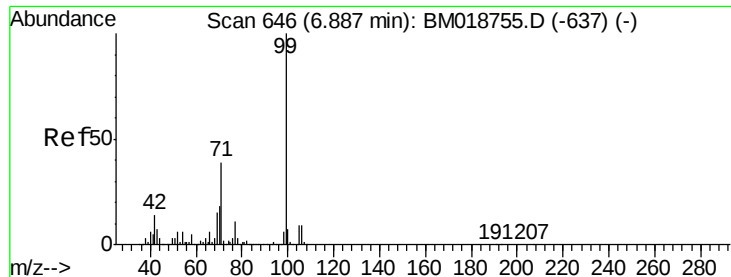
Abundance

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: 112.893 ng

RT: 6.88 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018904.D

Acq: 21 Feb 2019 20:08

Instrument :

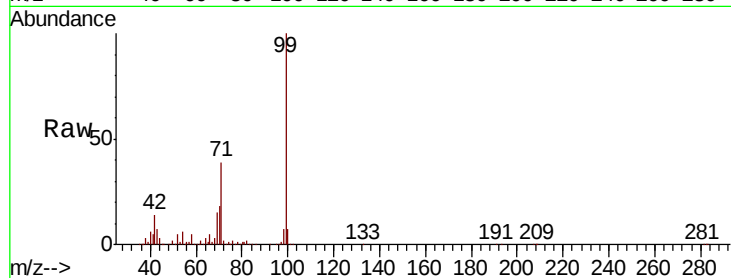
BNA_M

ClientSampleId :

RBR-200034

Tot Ion: 99 Resp: 2930906

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.0	16.6
71	39.2	31.3	46.9

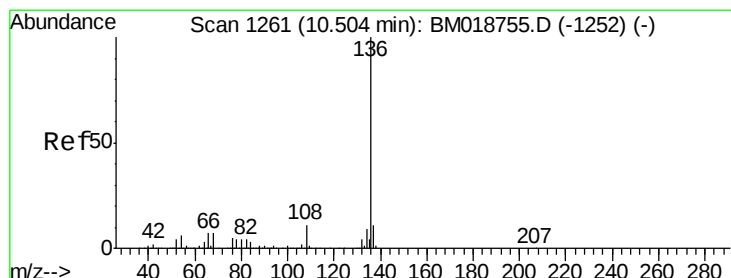
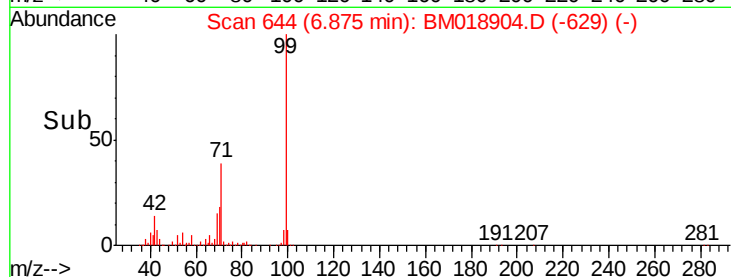
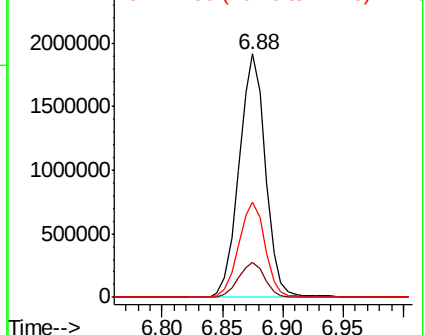


Abundance

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

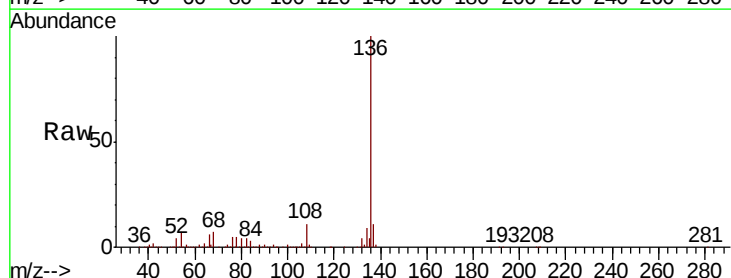
Delta R.T. -0.02 min

Lab File: BM018904.D

Acq: 21 Feb 2019 20:08

Tgt Ion: 136 Resp: 1206457

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.6	5.0	7.6
68	7.0	5.5	8.3



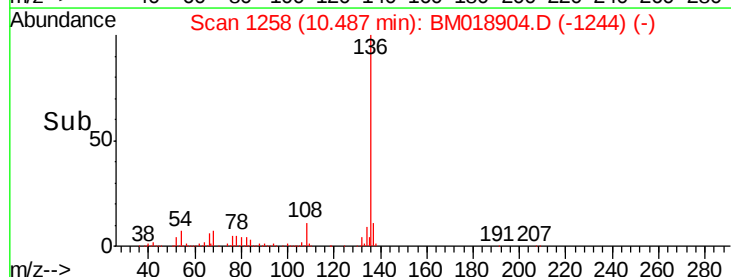
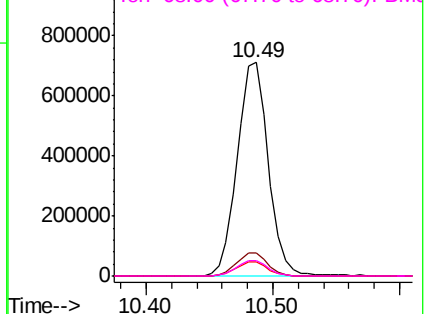
Abundance

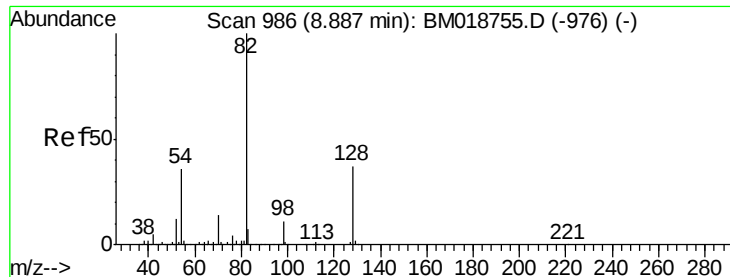
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)



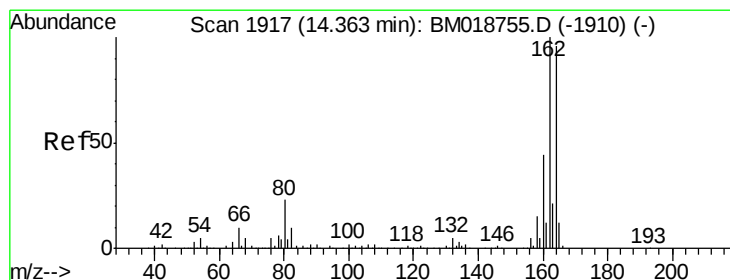
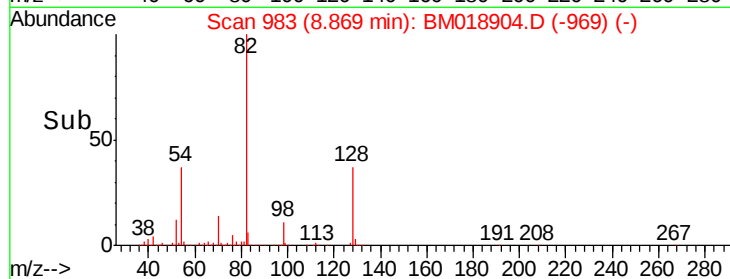
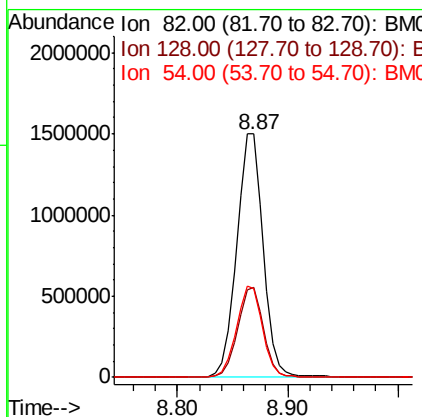
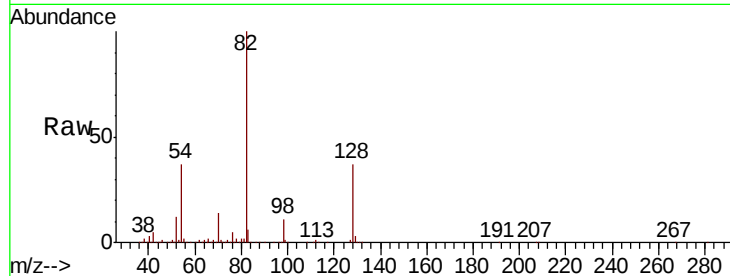


#23
 Nitrobenzene-d5
 Concen: 96.837 ng
 RT: 8.87 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BM018904.D
 Acq: 21 Feb 2019 20:08

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200034

Tot Ion: 82 Resp: 2526676

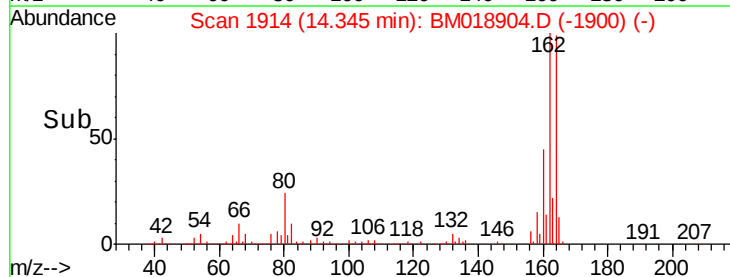
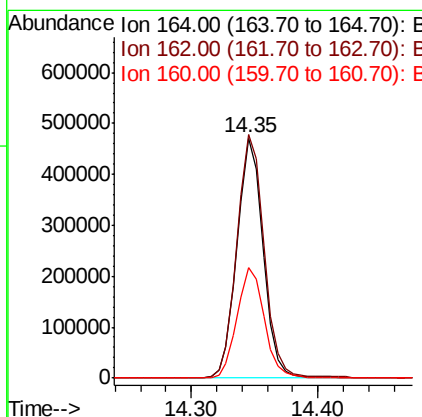
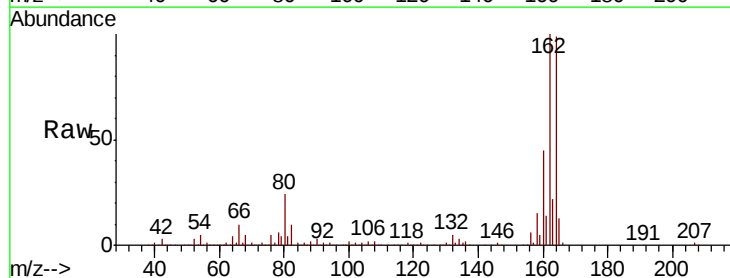
Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.9	44.9
54	36.6	29.1	43.7

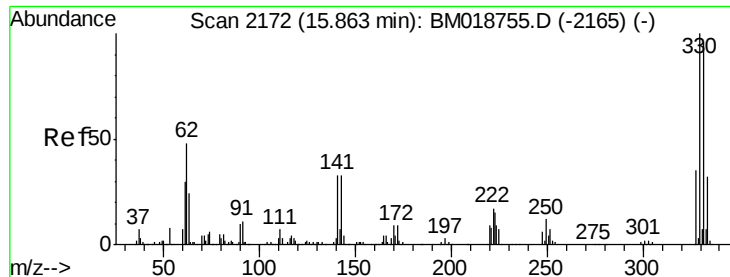


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.35 min Scan# 1914
 Delta R.T. -0.02 min
 Lab File: BM018904.D
 Acq: 21 Feb 2019 20:08

Tgt Ion: 164 Resp: 673297

Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.4	125.0
160	45.9	36.6	55.0

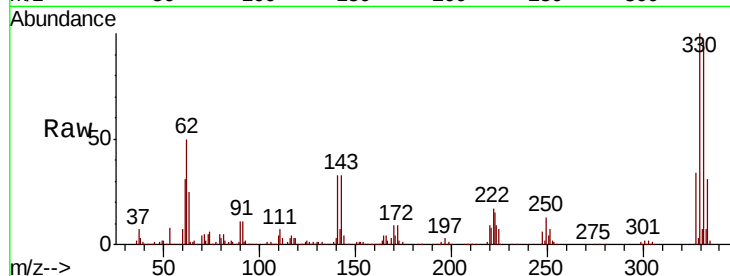




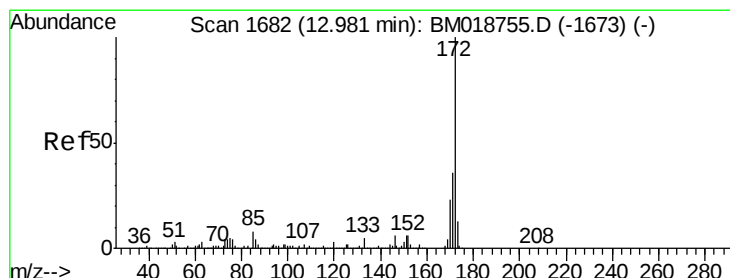
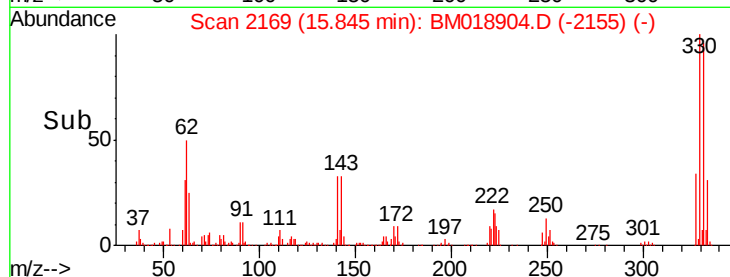
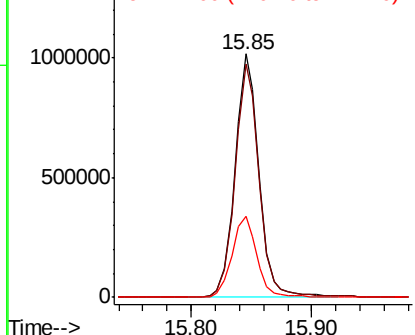
#42
 2,4,6-Tribromophenol
 Concen: 144.673 ng
 RT: 15.85 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BM018904.D
 Acq: 21 Feb 2019 20:08

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200034

Tot Ion:330 Resp: 1404111
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.9 115.3
 141 34.8 28.7 43.1

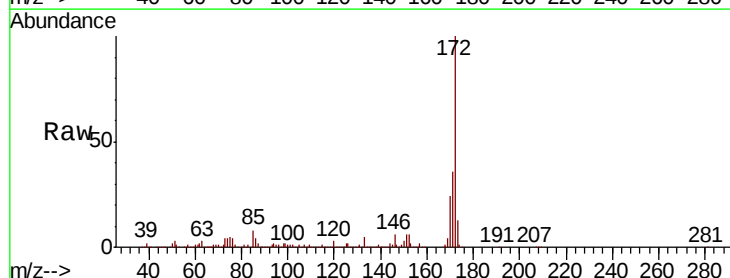


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

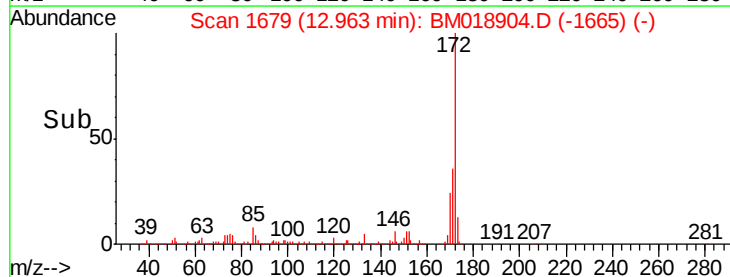
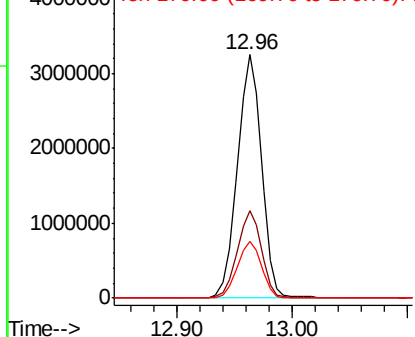


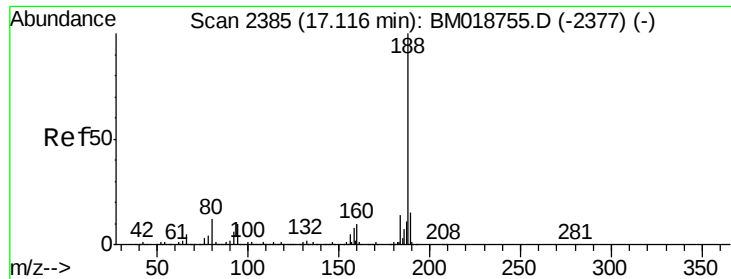
#45
 2-Fluorobiphenyl
 Concen: 93.087 ng
 RT: 12.96 min Scan# 1679
 Delta R.T. -0.02 min
 Lab File: BM018904.D
 Acq: 21 Feb 2019 20:08

Tgt Ion:172 Resp: 4721394
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

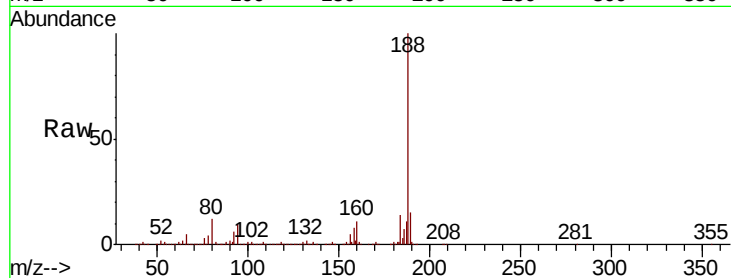




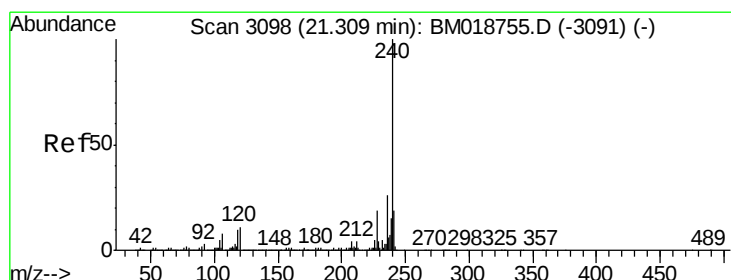
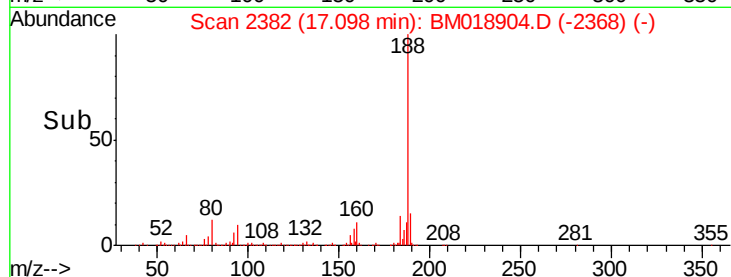
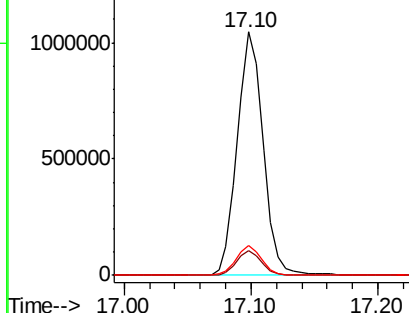
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018904.D
Acq: 21 Feb 2019 20:08

Instrument :
BNA_M
ClientSampled :
RBR-200034

Tot Ion:188 Resp: 1481186
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 12.0 9.7 14.5

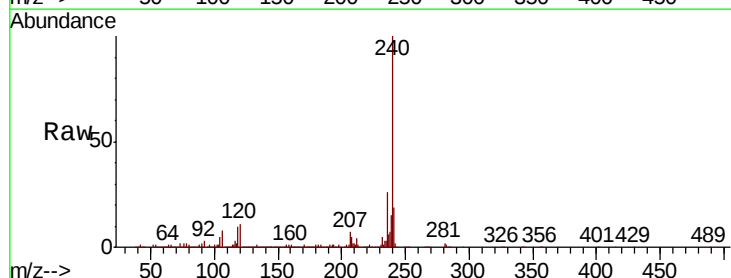


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

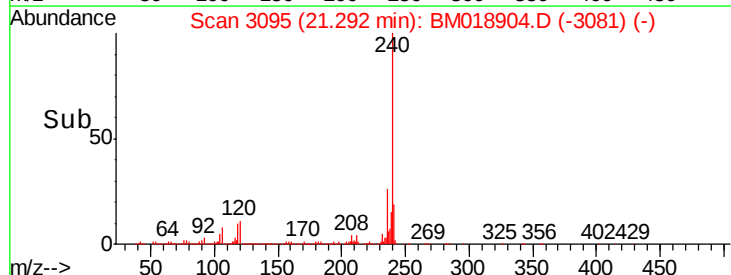
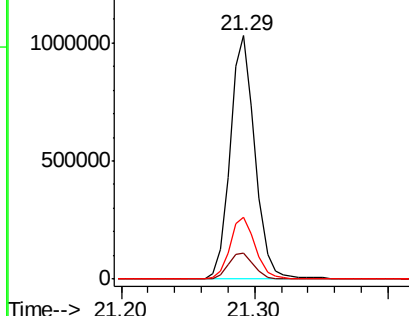


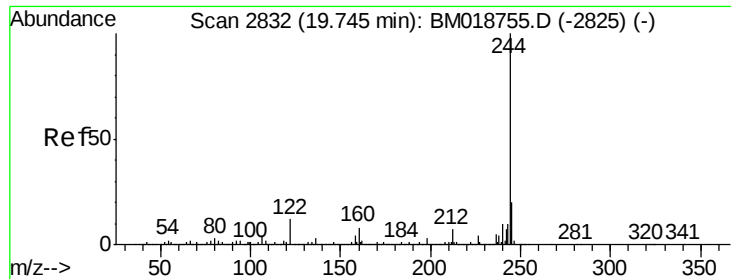
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018904.D
Acq: 21 Feb 2019 20:08

Tgt Ion:240 Resp: 1335084
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.6 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: 118.413 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM018904.D

Acq: 21 Feb 2019 20:08

Instrument :

BNA_M

ClientSampleId :

RBR-200034

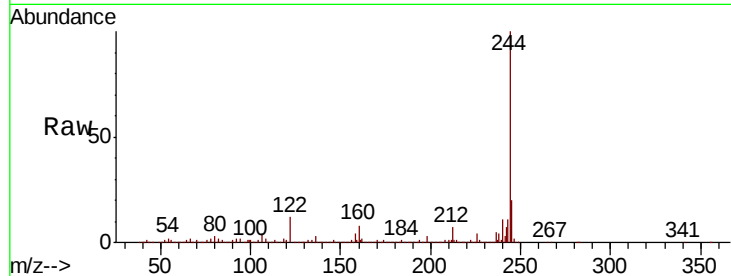
Tot Ion:244 Resp: 7663537

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.7 9.3 13.9

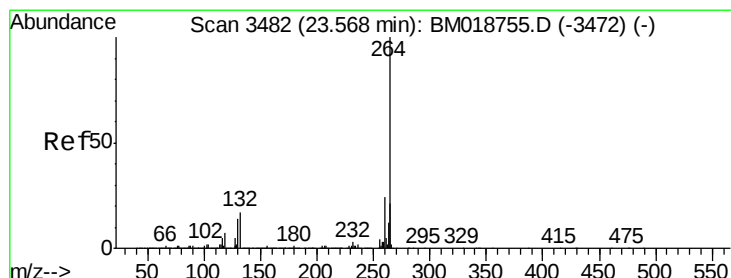
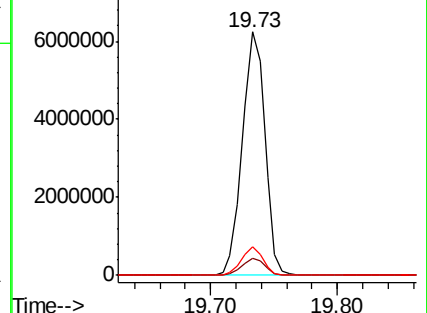
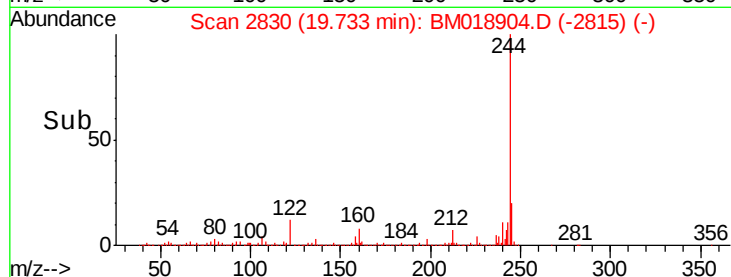


Abundance

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: BM018904.D

Acq: 21 Feb 2019 20:08

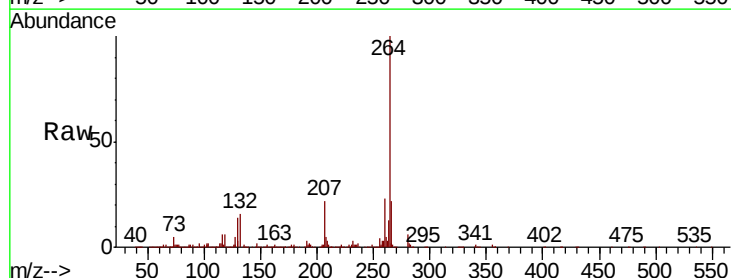
Tgt Ion:264 Resp: 1171746

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.9 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

