

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
 Data File : BM018750.D
 Acq On : 07 Feb 2019 22:41
 Operator : JU/SJ
 Sample : K1401-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052

Quant Time: Feb 08 12:17:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 04 15:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	280142	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1058483	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	563213	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1181461	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1015923	20.00	ng	-0.01
87) Perylene-d12	23.56	264	970777	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2142157	141.20	ng	0.00
7) Phenol-d6	6.89	99	2462209	127.78	ng	0.00
23) Nitrobenzene-d5	8.88	82	1791214	98.10	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1103280	153.85	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4197370	97.25	ng	0.00
79) Terphenyl-d14	19.74	244	5426055	112.59	ng	0.00

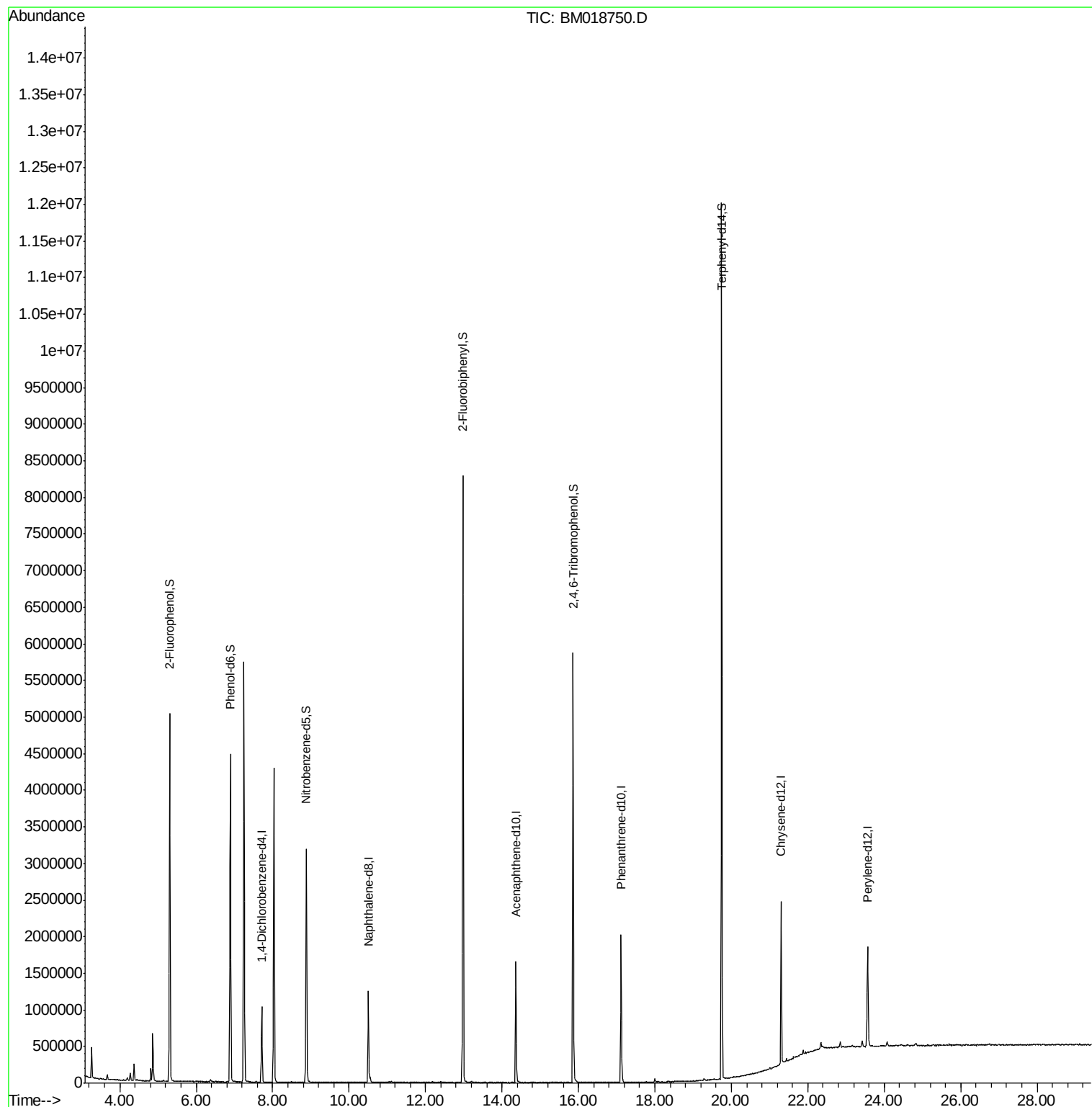
Target Compounds Qvalue

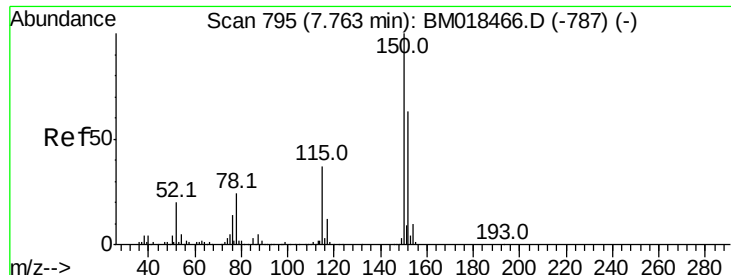
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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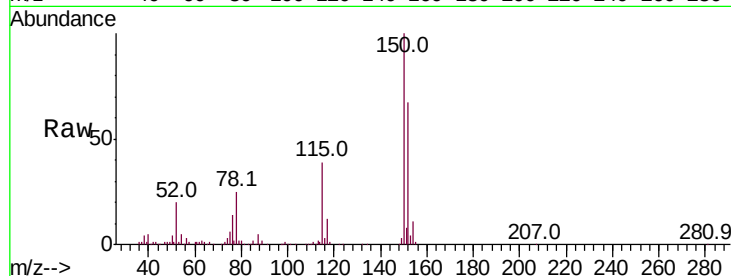


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018750.D
Acq: 07 Feb 2019 22:41

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	126.9	190.3
115	57.6	45.5	68.3

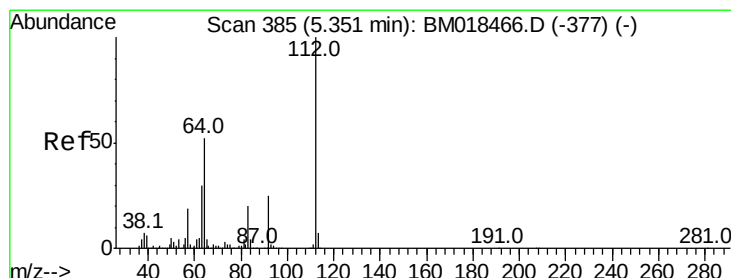
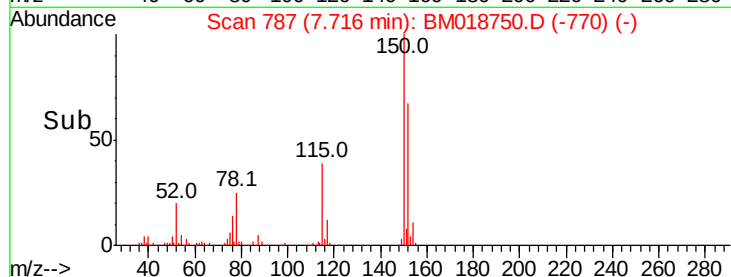
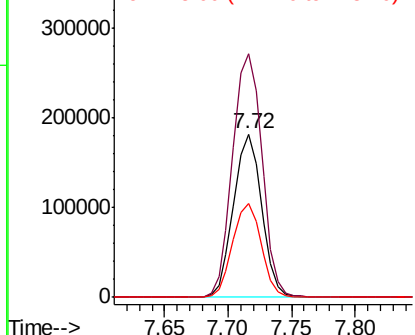


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

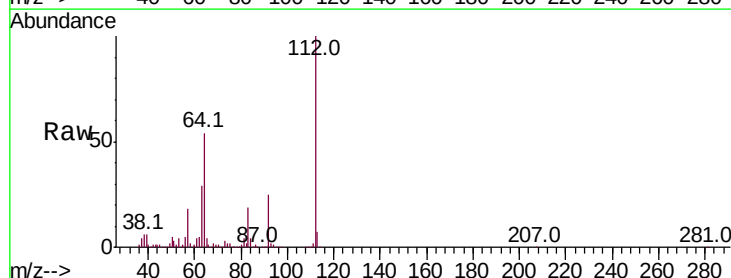
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 141.195 ng
RT: 5.31 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM018750.D
Acq: 07 Feb 2019 22:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.5	69.7
63	29.0	25.2	37.8

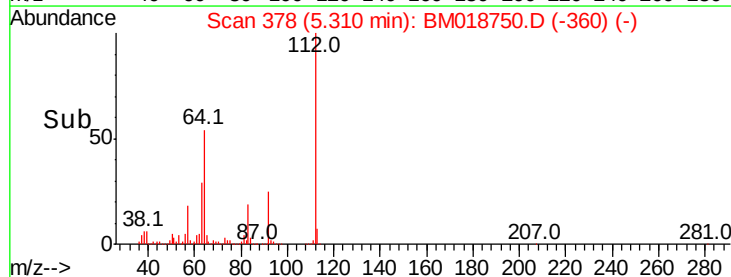
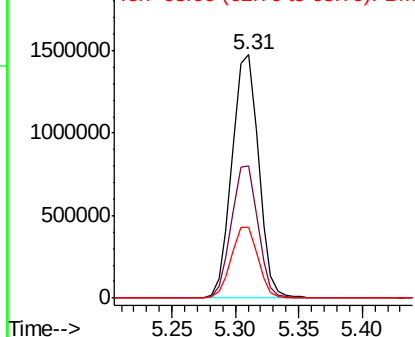


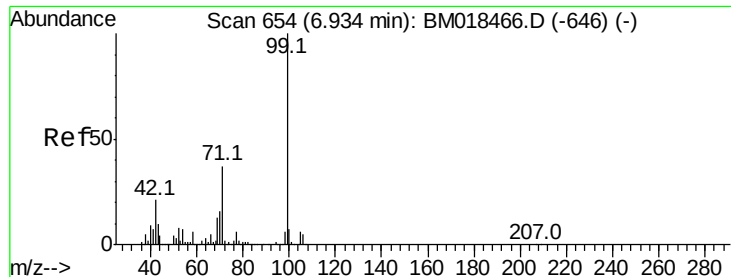
Abundance

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: 127.776 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM018750.D

Acq: 07 Feb 2019 22:41

Instrument :

BNA_M

ClientSampleId :

RBR-200052

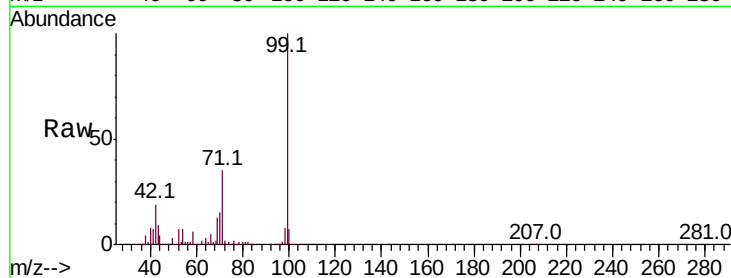
Tot Ion: 99 Resp: 2462209

Ion Ratio Lower Upper

99 100

42 19.4 17.3 25.9

71 35.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)

6.89

1500000

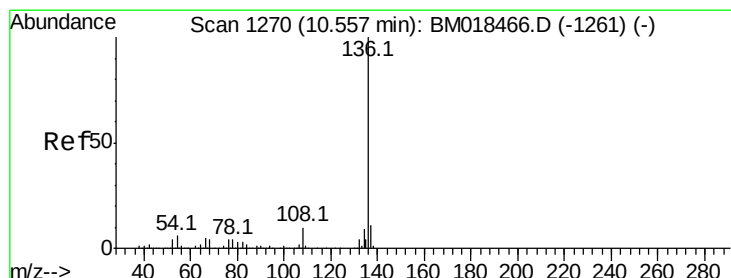
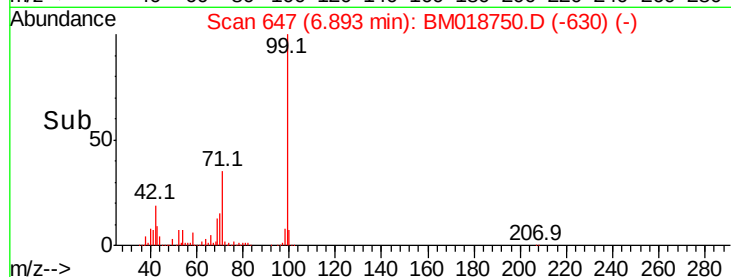
1000000

500000

0

6.80 6.85 6.90 6.95 7.00

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BM018750.D

Acq: 07 Feb 2019 22:41

Tgt Ion: 136 Resp: 1058483

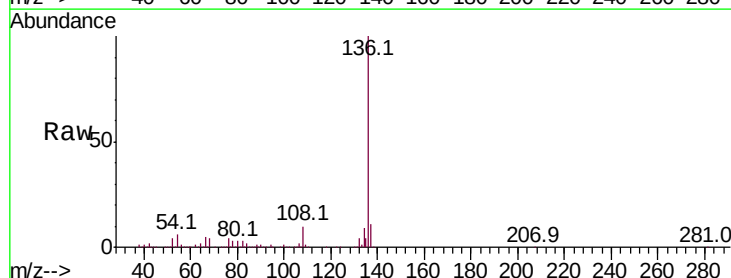
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.5 6.0 9.0

68 4.4 4.5 6.7#



Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM018466.D (-1261) (-)

10.50

1000000

800000

600000

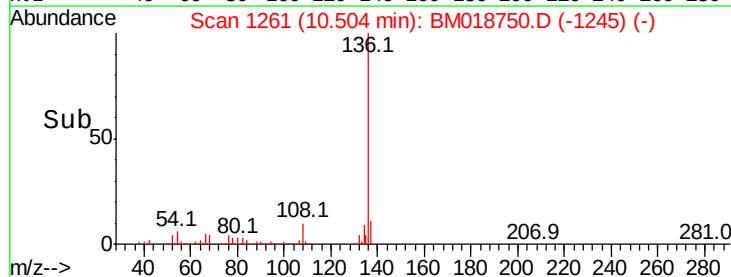
400000

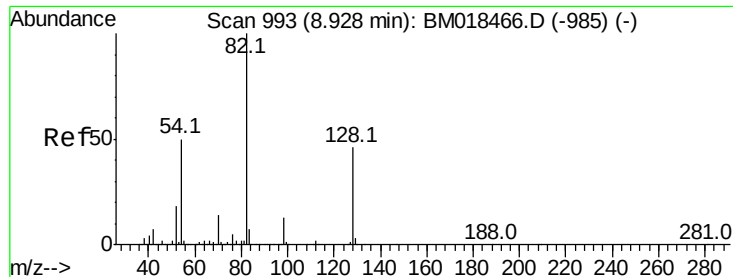
200000

0

10.40 10.50 10.60

Time-->

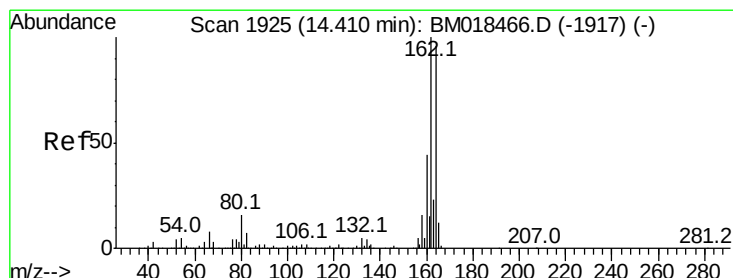
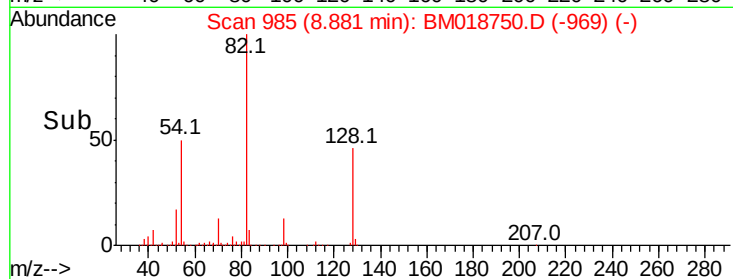
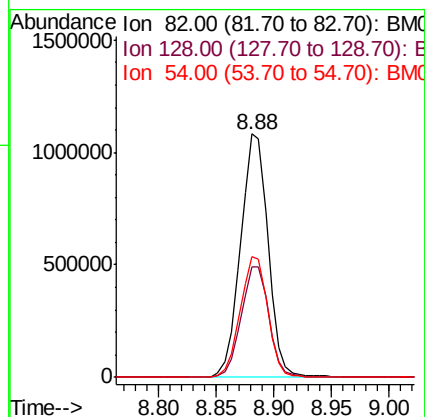
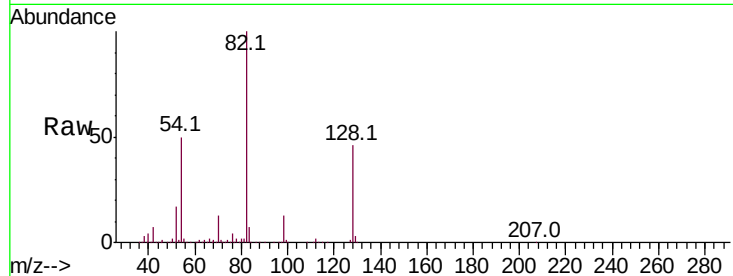




#23
Nitrobenzene-d5
Concen: 98.101 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018750.D
Acq: 07 Feb 2019 22:41

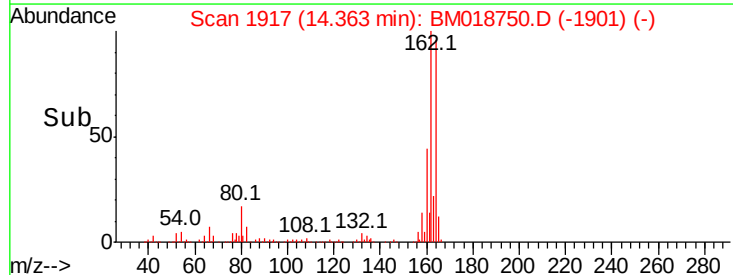
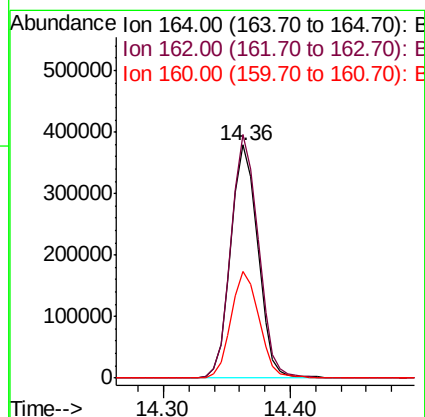
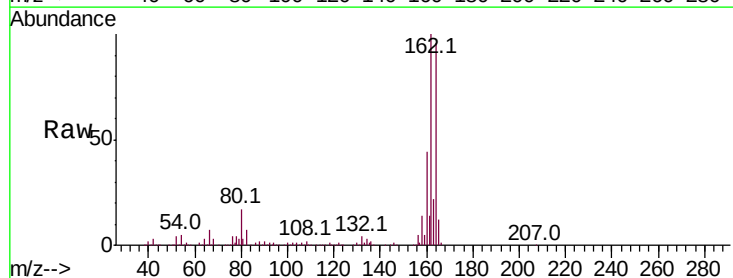
Instrument :
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ClientSampleId :
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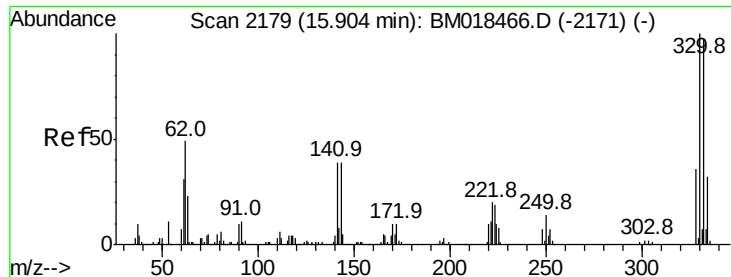
Tot Ion: 82 Resp: 1791214
Ion Ratio Lower Upper
82 100
128 45.5 36.3 54.5
54 49.8 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BM018750.D
Acq: 07 Feb 2019 22:41

Tgt Ion: 164 Resp: 563213
Ion Ratio Lower Upper
164 100
162 104.6 83.0 124.4
160 45.8 37.1 55.7

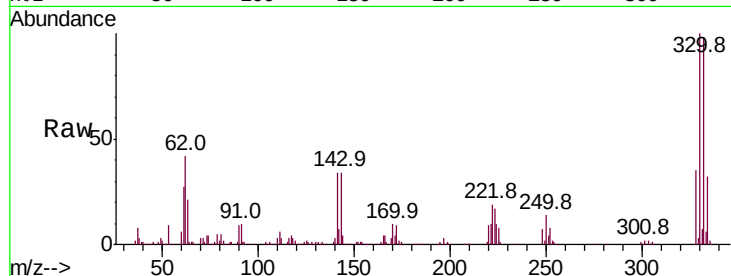




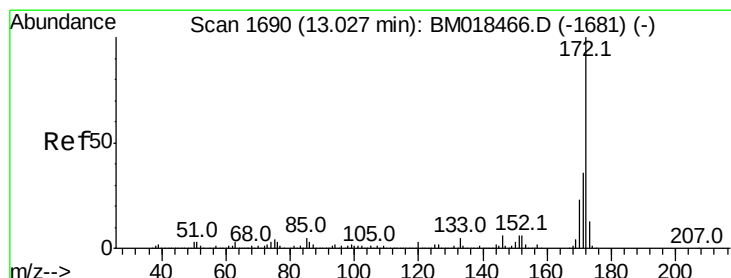
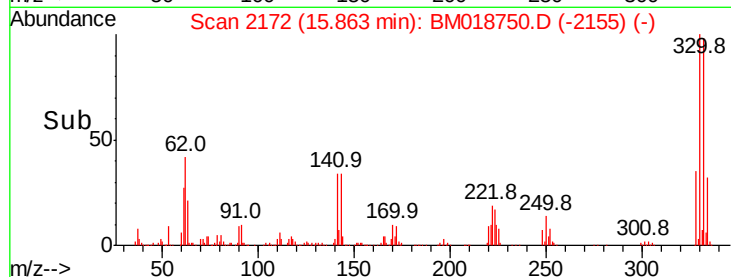
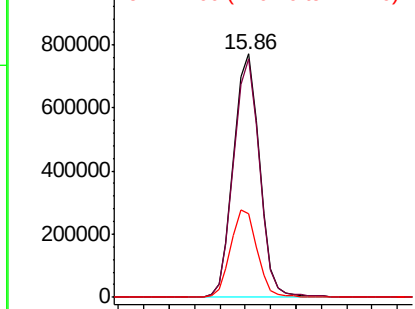
#42
 2,4,6-Tribromophenol
 Concen: 153.847 ng
 RT: 15.86 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: BM018750.D
 Acq: 07 Feb 2019 22:41

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052

Tot Ion:330 Resp: 1103280
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.6 116.4
 141 36.5 31.7 47.5

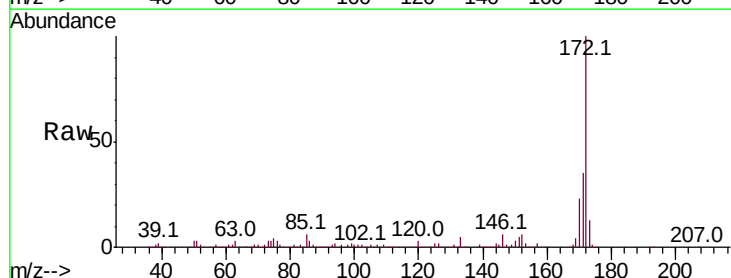


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

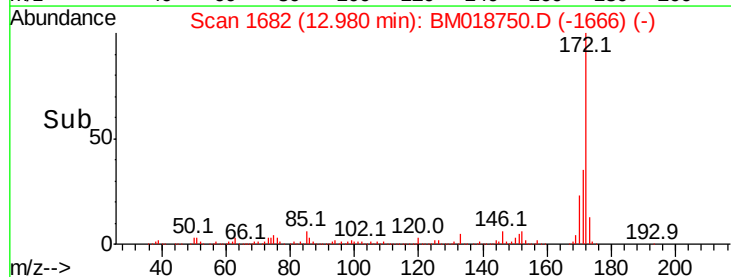
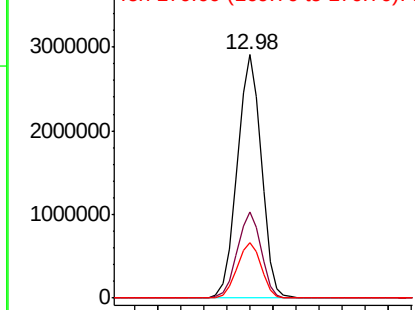


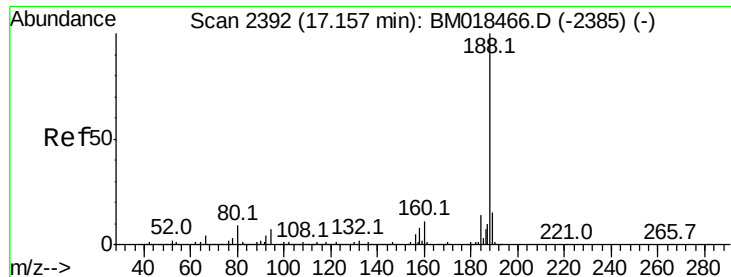
#45
 2-Fluorobiphenyl
 Concen: 97.245 ng
 RT: 12.98 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BM018750.D
 Acq: 07 Feb 2019 22:41

Tgt Ion:172 Resp: 4197370
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.2 42.4
 170 22.9 18.9 28.3



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: 17.12 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM018750.D

Acq: 07 Feb 2019 22:41

Instrument :

BNA_M

ClientSampleId :

RBR-200052

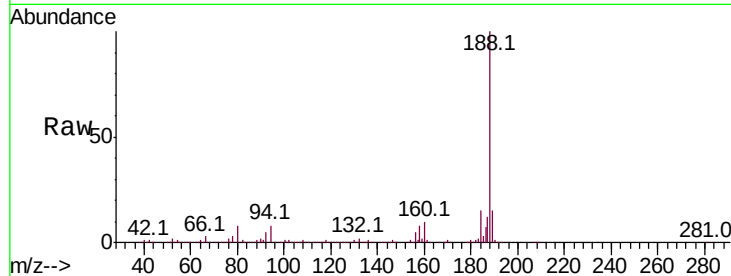
Tot Ion:188 Resp: 1181461

Ion Ratio Lower Upper

188 100

94 7.5 7.1 10.7

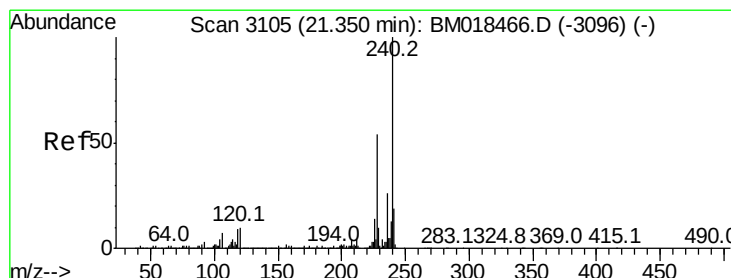
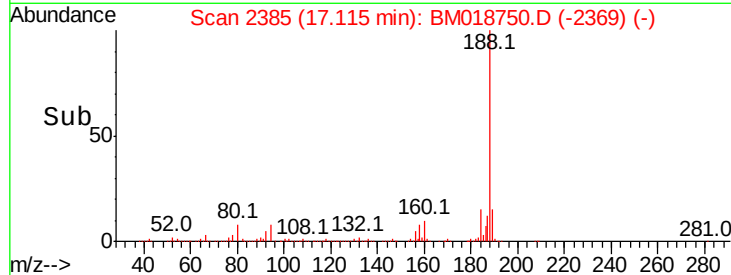
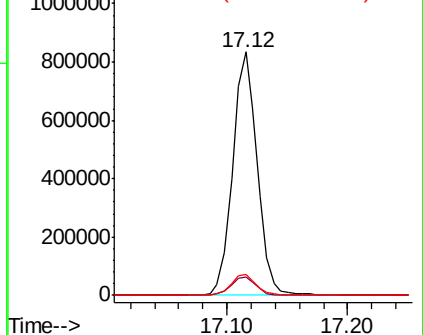
80 8.4 7.6 11.4



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: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018750.D

Acq: 07 Feb 2019 22:41

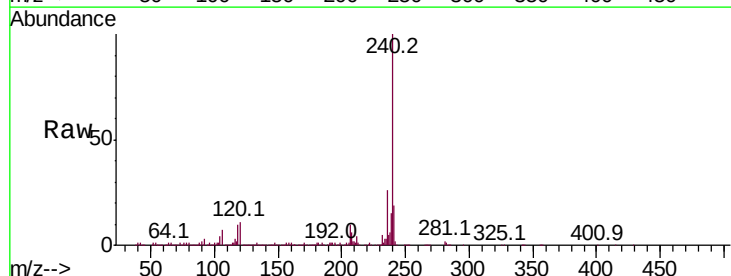
Tgt Ion:240 Resp: 1015923

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

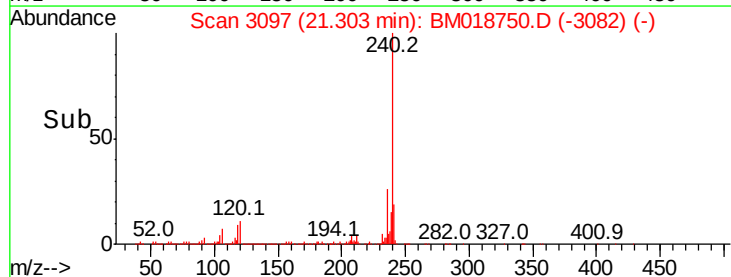
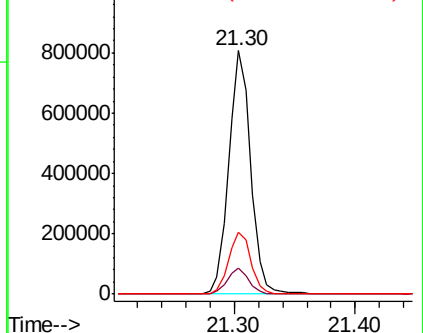
236 25.6 20.7 31.1

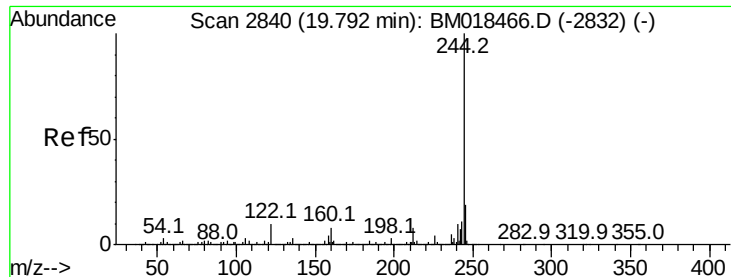


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

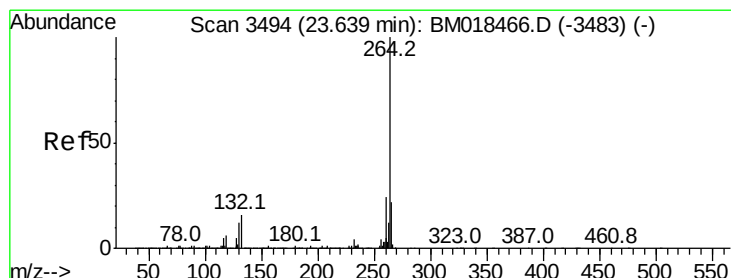
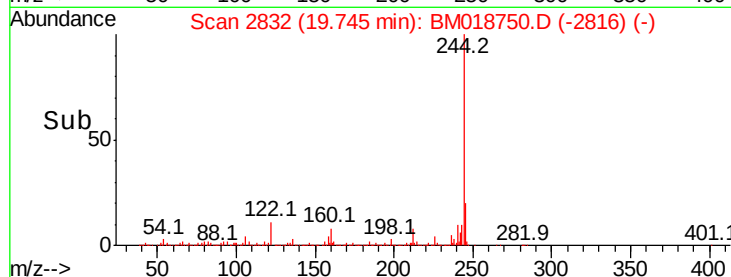
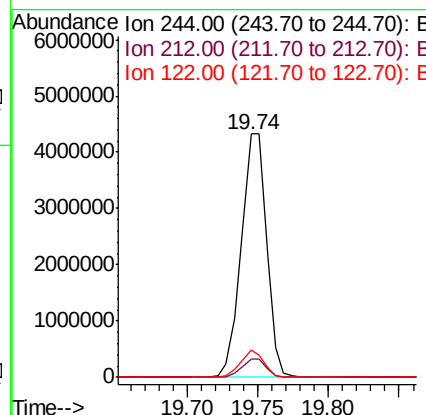
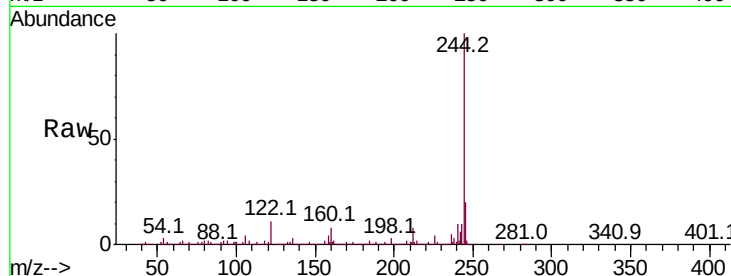




#79
 Terphenyl-d14
 Concen: 112.590 ng
 RT: 19.74 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BM018750.D
 Acq: 07 Feb 2019 22:41

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052

Tot Ion:244 Resp: 5426055
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 11.0 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.56 min Scan# 3481
 Delta R.T. -0.01 min
 Lab File: BM018750.D
 Acq: 07 Feb 2019 22:41

Tgt Ion:264 Resp: 970777
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 22.7 16.8 25.2

