

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 10:08:37 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

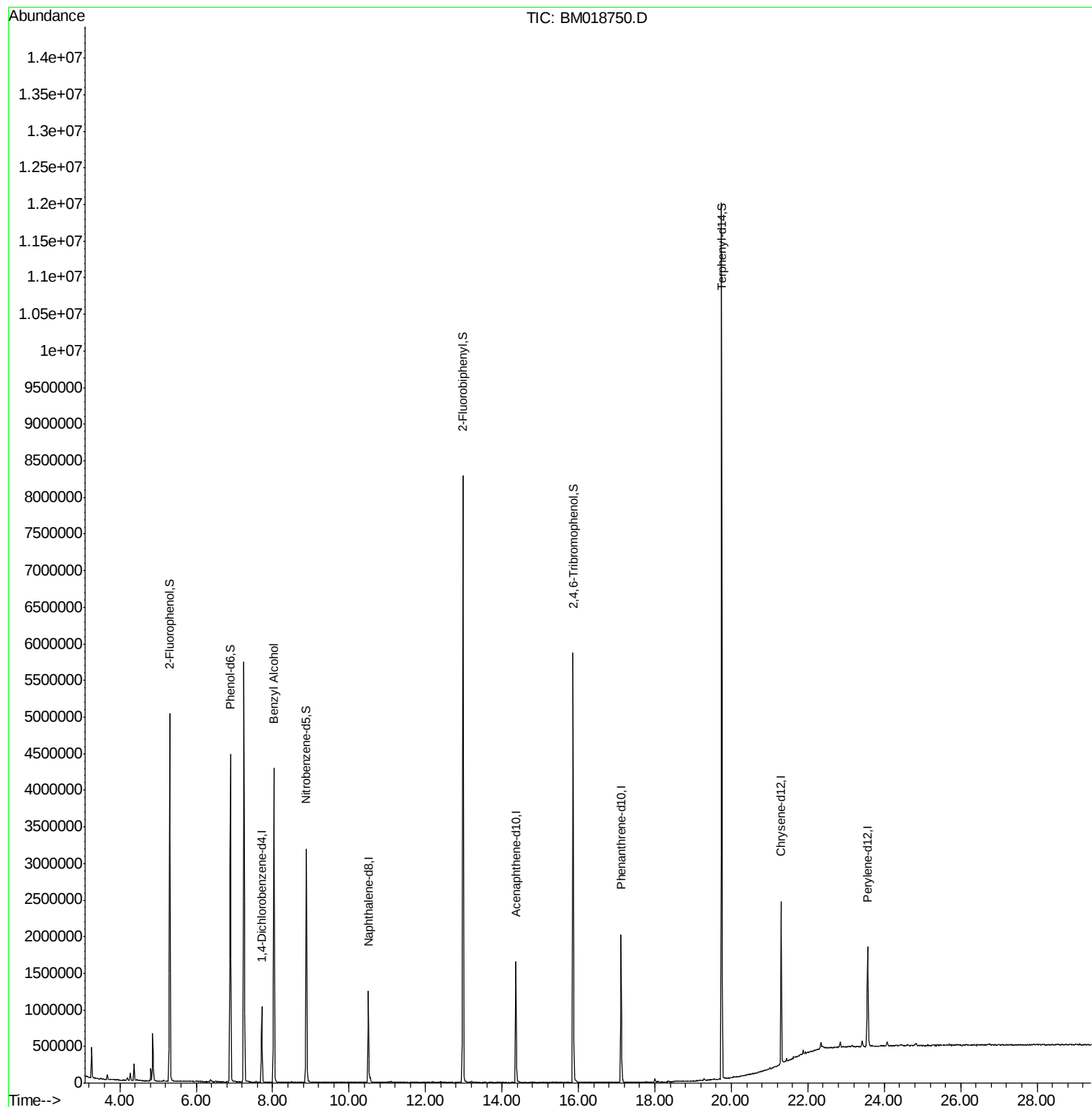
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	280142	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1058483	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	563213	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1181461	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1015923	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						
15) Benzyl Alcohol	8.03	79	29463	2.12	ng	Qvalue # 48

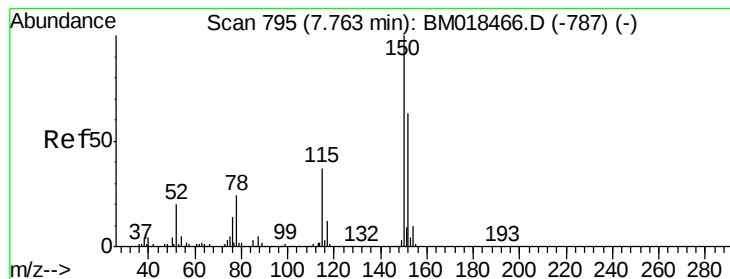
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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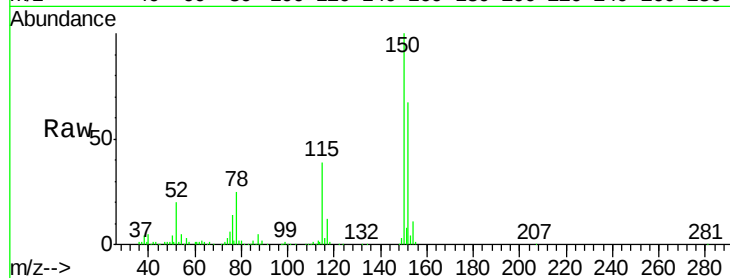


#1

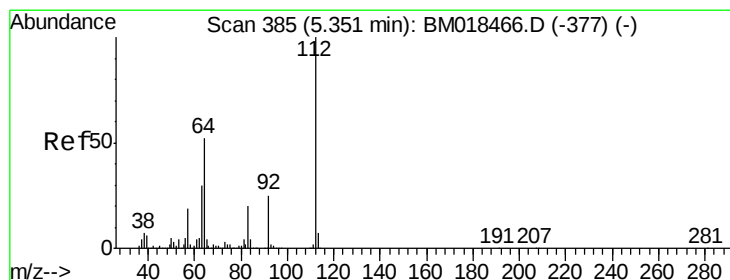
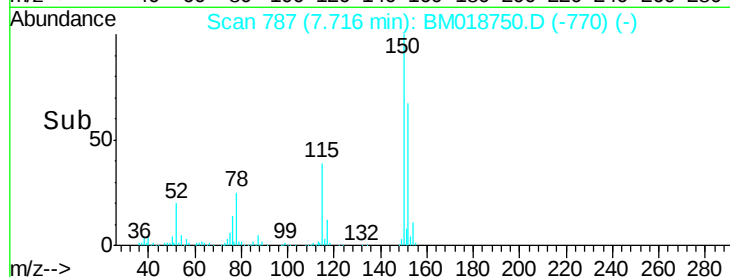
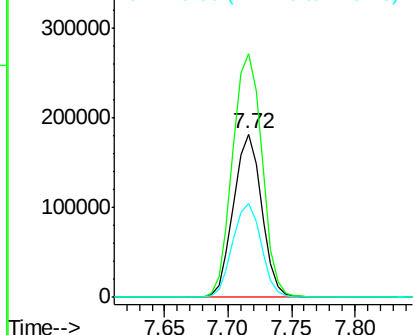
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018750.D
Acq: 07 Feb 2019 22:41

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



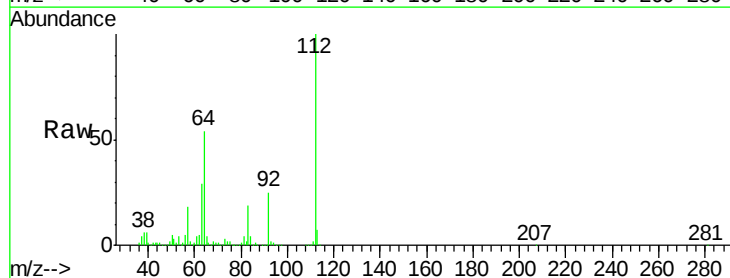
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



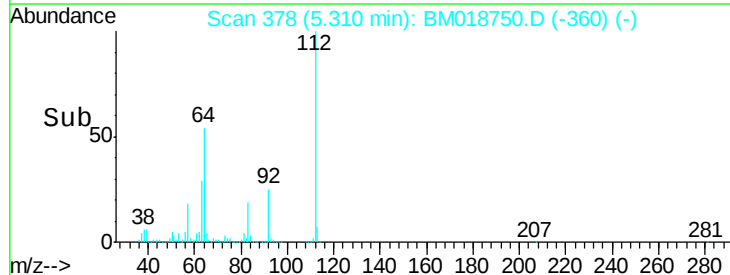
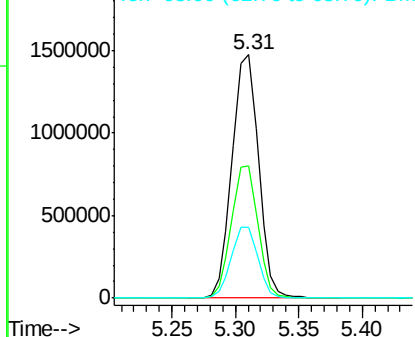
#5

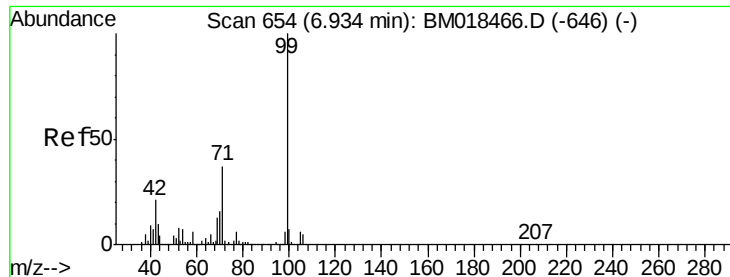
2-Fluorophenol
Concen: 141.20 ng
RT: 5.31 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM018750.D
Acq: 07 Feb 2019 22:41

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: 127.78 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

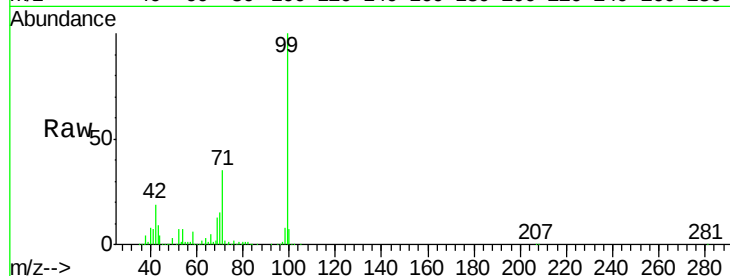
Tot Ion: 99 Resp: 2462209

Ion Ratio Lower Upper

99 100

42 19.4 17.3 25.9

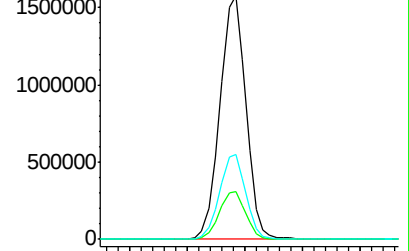
71 35.0 28.0 42.0



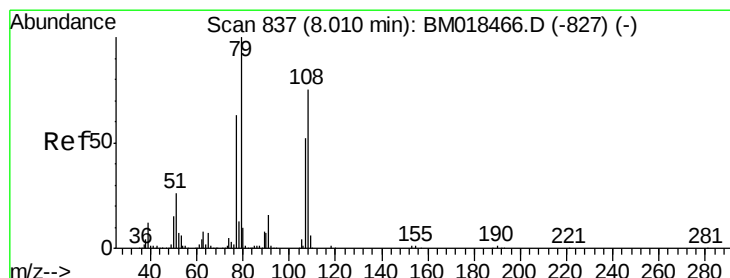
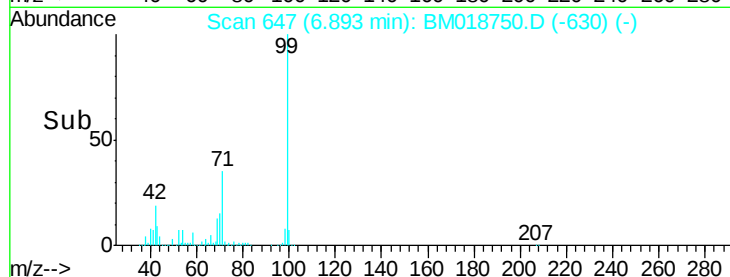
Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

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

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



Time-->



#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 8.03 min Scan# 841

Delta R.T. 0.06 min

Lab File: BM018750.D

Acq: 07 Feb 2019 22:41

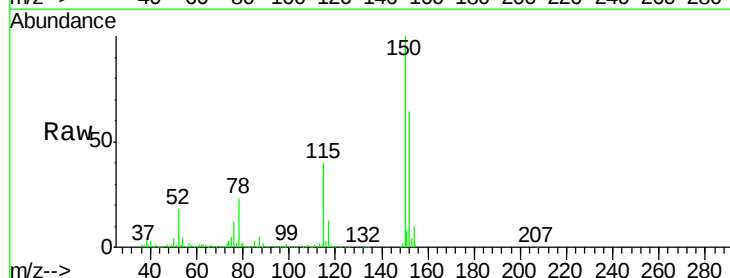
Tgt Ion: 79 Resp: 29463

Ion Ratio Lower Upper

79 100

108 36.3 60.4 90.6#

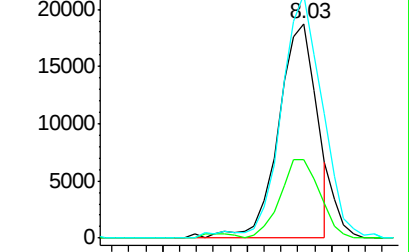
77 113.5 53.4 80.2#



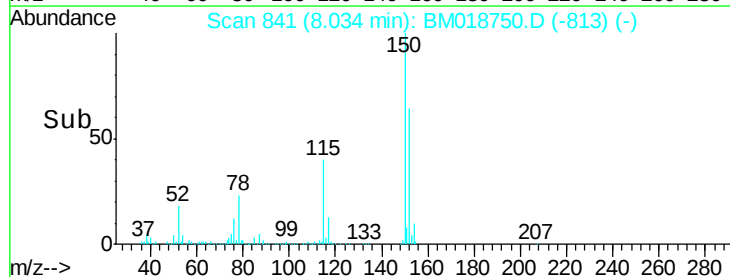
Abundance Ion 79.00 (78.70 to 79.70): BM018466.D (-827) (-)

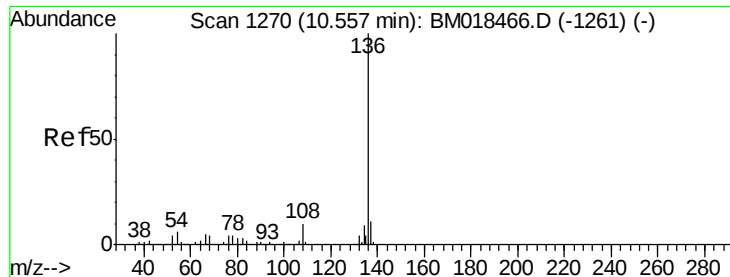
Ion 108.00 (107.70 to 108.70): BM018466.D (-827) (-)

Ion 77.00 (76.70 to 77.70): BM018466.D (-827) (-)



Time-->

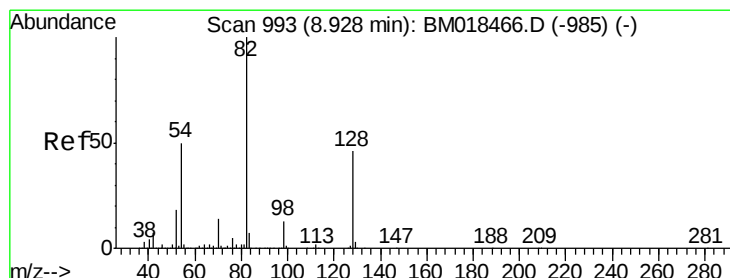
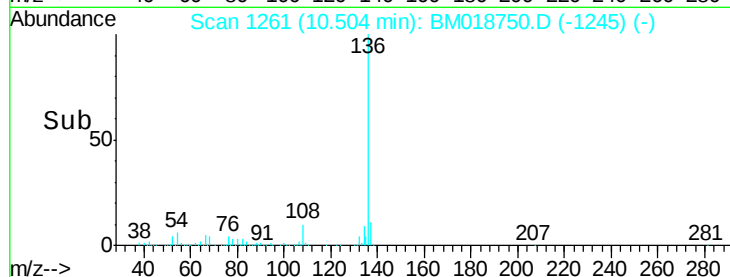
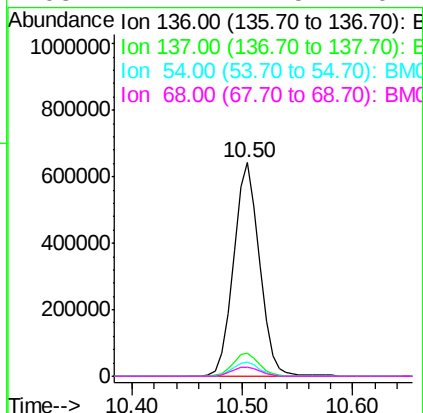
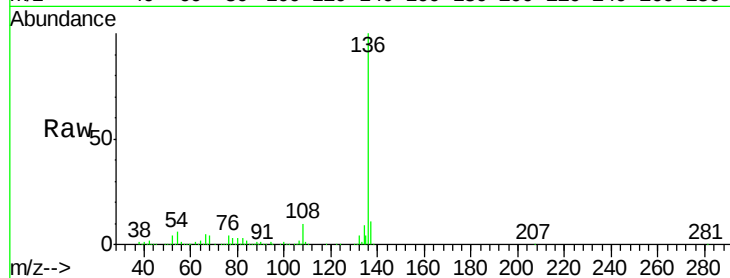




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM018750.D
Acq: 07 Feb 2019 22:41

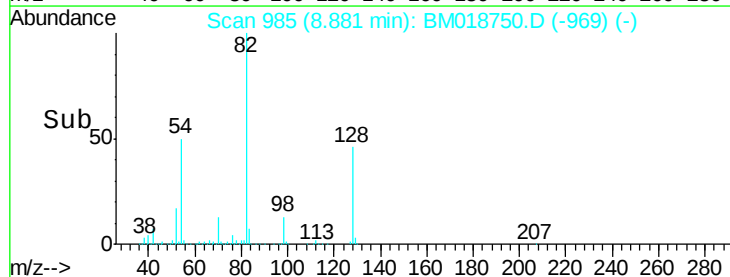
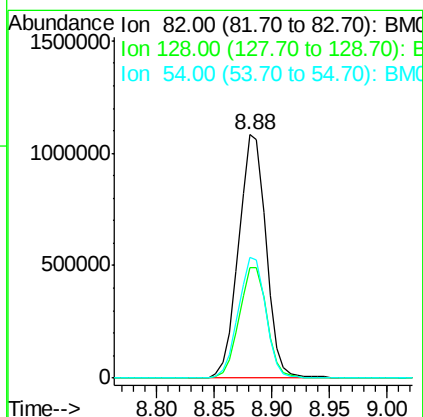
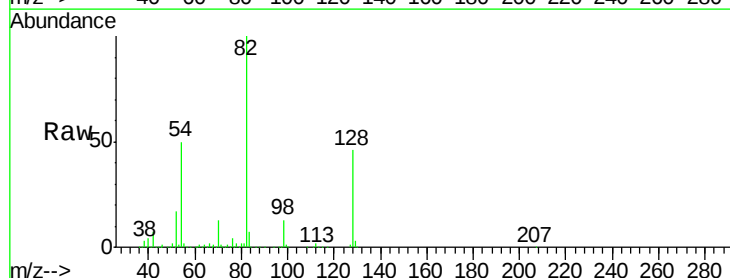
Instrument :
BNA_M
ClientSampled :
RBR-200052

Tot 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#



#23
Nitrobenzene-d5
Concen: 98.10 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018750.D
Acq: 07 Feb 2019 22:41

Tgt 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: 20.00 ng

RT: 14.36 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BM018750.D

Acq: 07 Feb 2019 22:41

Instrument :

BNA_M

ClientSampleId :

RBR-200052

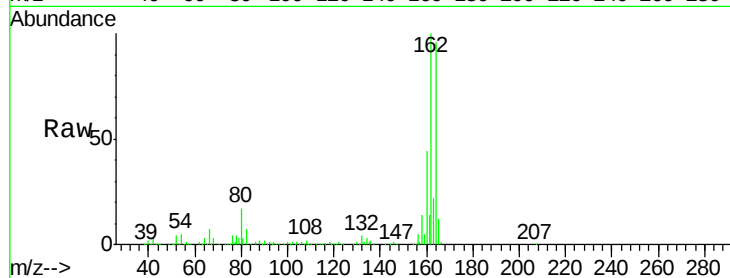
Tot Ion:164 Resp: 563213

Ion Ratio Lower Upper

164 100

162 104.6 83.0 124.4

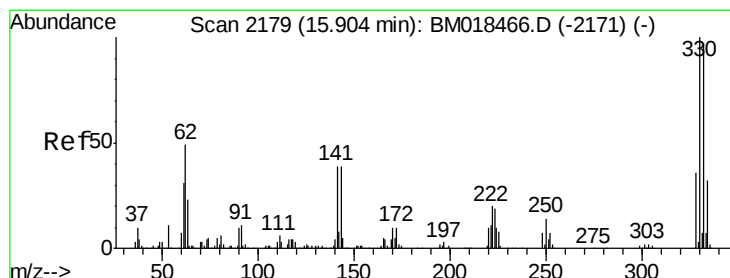
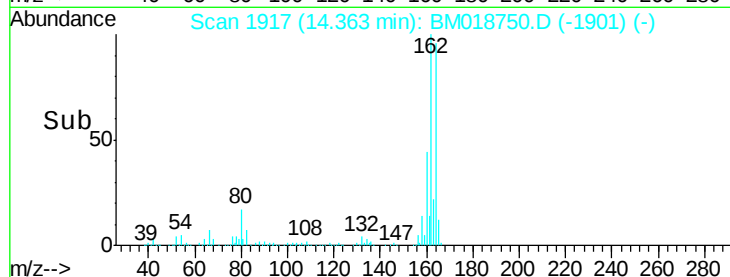
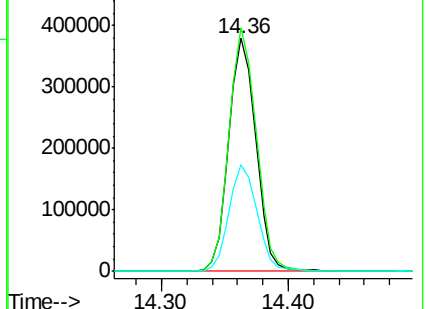
160 45.8 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 153.85 ng

RT: 15.86 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BM018750.D

Acq: 07 Feb 2019 22:41

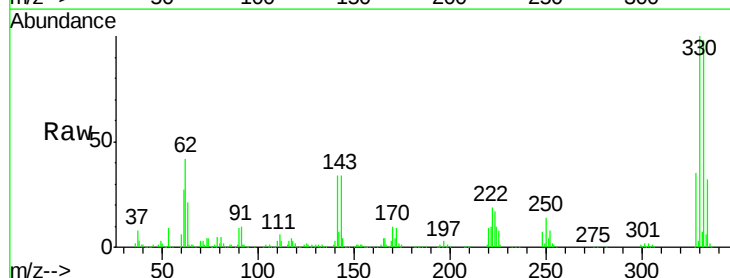
Tgt Ion:330 Resp: 1103280

Ion Ratio Lower Upper

330 100

332 97.1 77.6 116.4

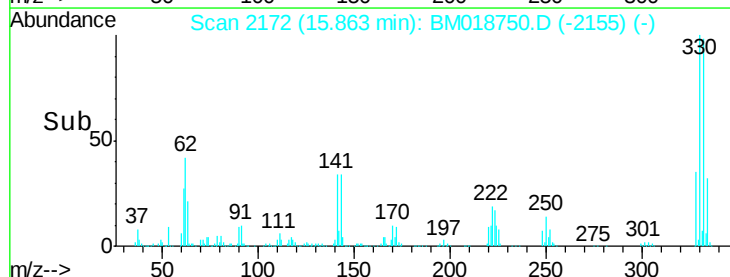
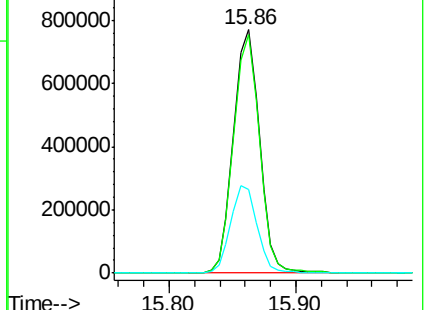
141 36.5 31.7 47.5

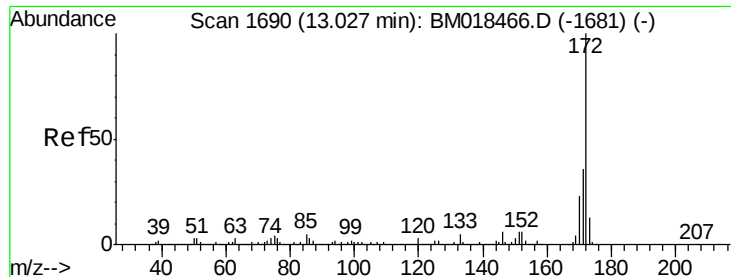


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

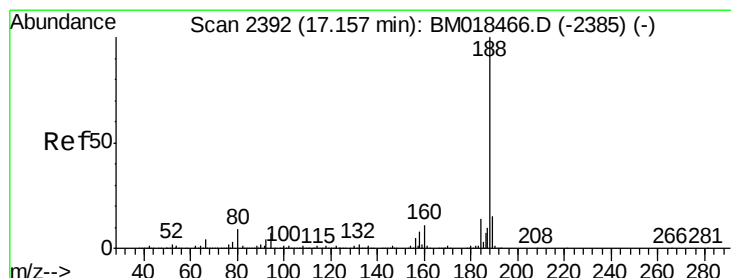
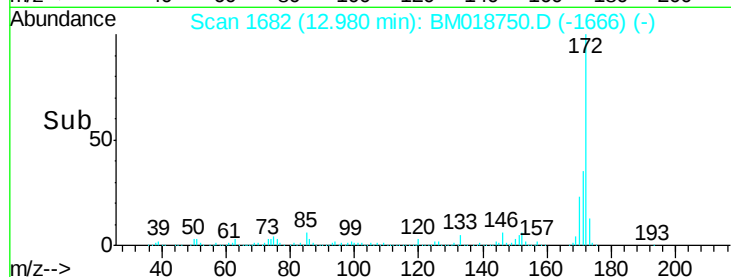
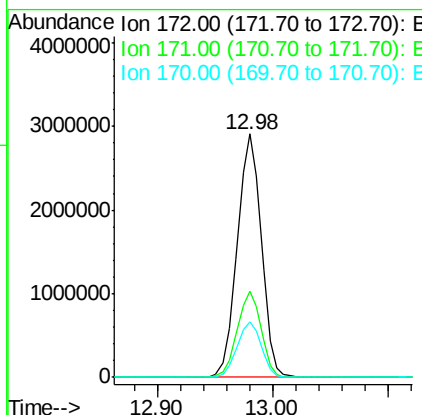
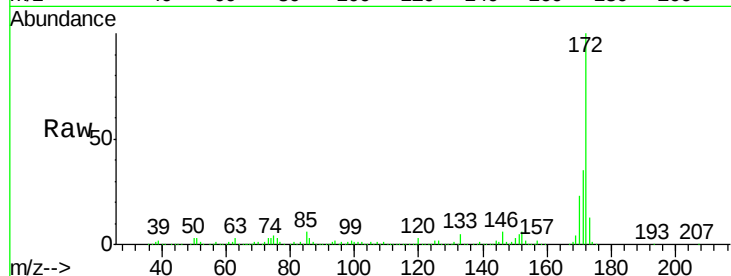




#45
2-Fluorobiphenyl
Concen: 97.25 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BM018750.D
Acq: 07 Feb 2019 22:41

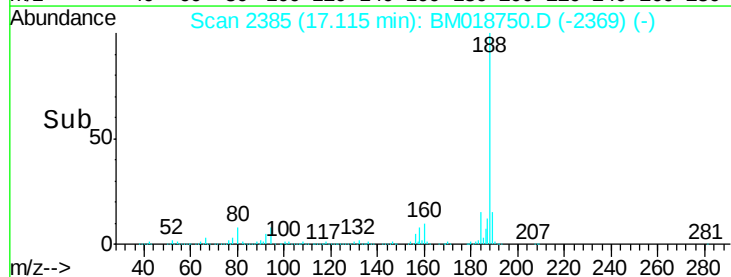
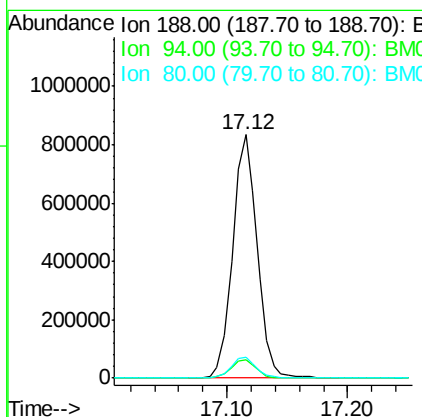
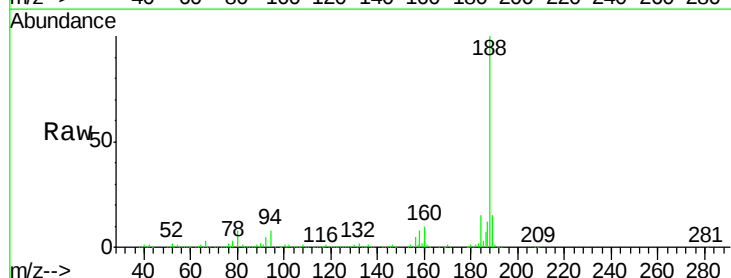
Instrument :
BNA_M
ClientSampleId :
RBR-200052

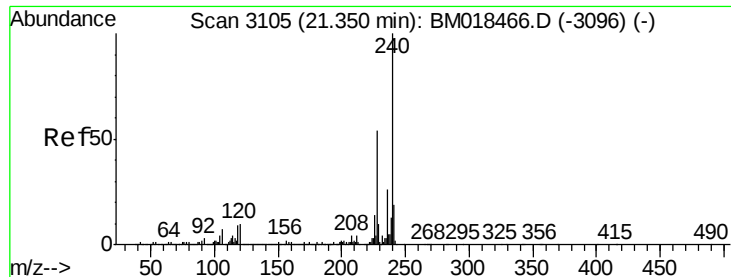
Tot Ion:172 Resp: 4197370
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 22.9 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018750.D
Acq: 07 Feb 2019 22:41

Tgt Ion:188 Resp: 1181461
Ion Ratio Lower Upper
188 100
94 7.5 7.1 10.7
80 8.4 7.6 11.4





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018750.D

Acq: 07 Feb 2019 22:41

Instrument :

BNA_M

ClientSampleId :

RBR-200052

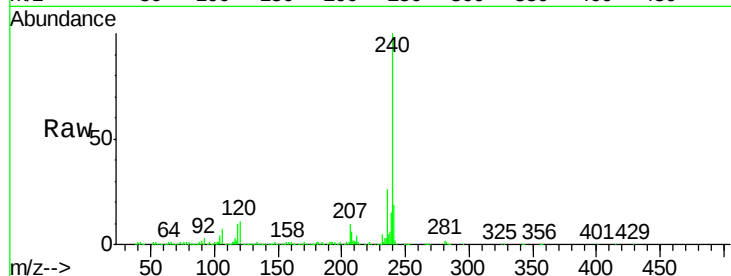
Tot Ion:240 Resp: 1015923

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

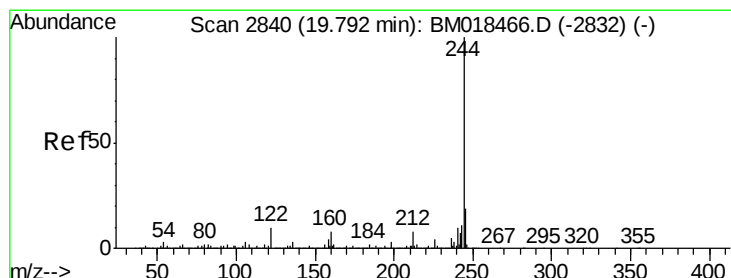
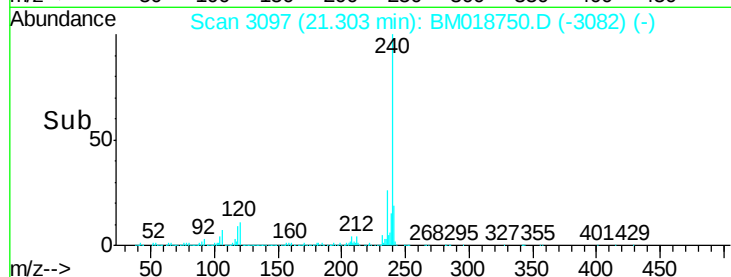
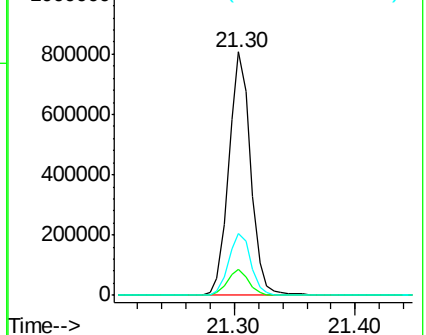
236 25.6 20.7 31.1



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: 112.59 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BM018750.D

Acq: 07 Feb 2019 22:41

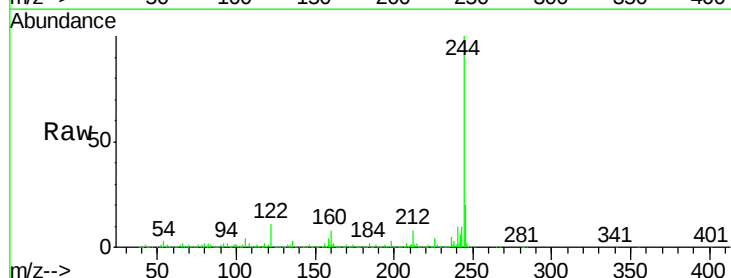
Tgt Ion:244 Resp: 5426055

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

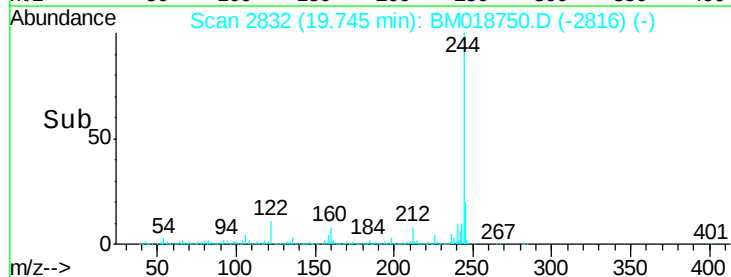
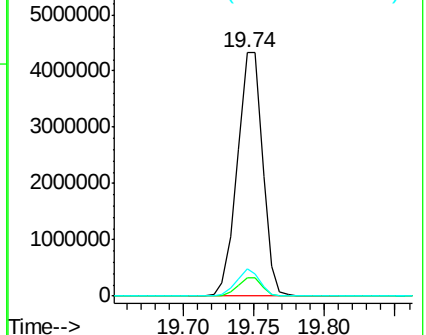
122 11.0 9.0 13.4

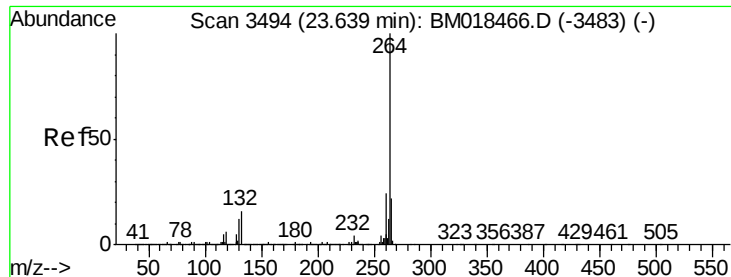


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

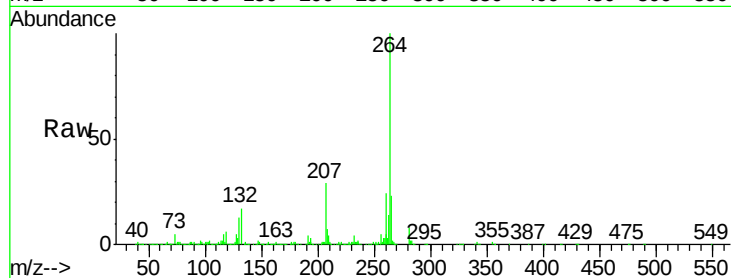




#87
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.56 min Scan# 3481
 Delta R.T. -0.01 min
 Lab File: BM018750.D
 Acq: 07 Feb 2019 22:41

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	22.7	16.8	25.2



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

