

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011519\
 Data File : BM018571.D
 Acq On : 15 Jan 2019 21:17
 Operator : JU/SJ
 Sample : K1128-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200053

Quant Time: Jan 16 00:07:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

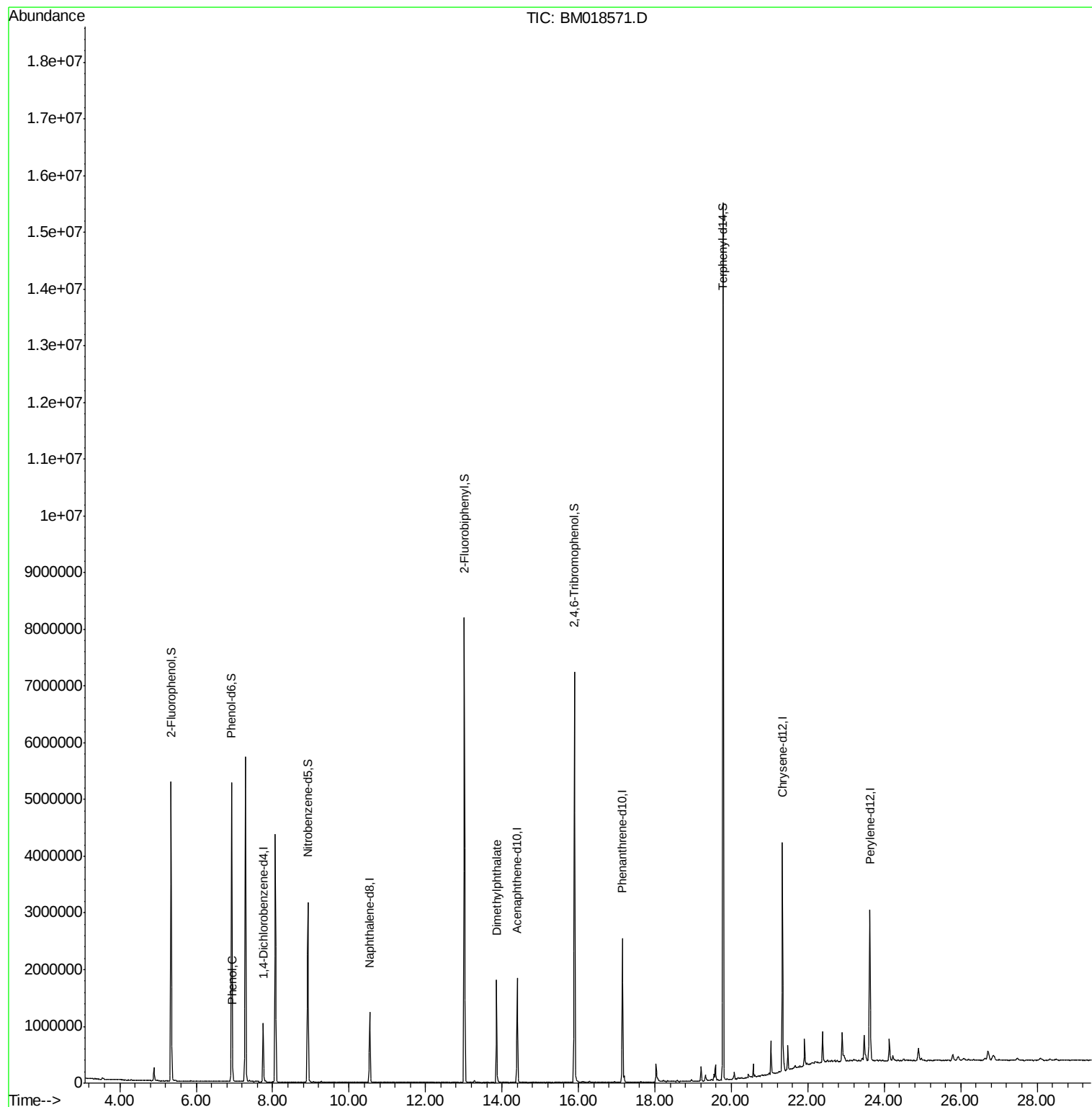
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	273057	20.00	ng	-0.01
21) Naphthalene-d8	10.55	136	1062313	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	604173	20.00	ng	-0.01
64) Phenanthrene-d10	17.15	188	1446803	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1764409	20.00	ng	-0.01
87) Perylene-d12	23.62	264	1922762	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	2259051	152.76	ng	0.00
7) Phenol-d6	6.93	99	2915720	155.24	ng	0.00
23) Nitrobenzene-d5	8.92	82	1781069	97.19	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1319551	171.53	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	4155163	89.74	ng	0.00
79) Terphenyl-d14	19.78	244	6873035	82.12	ng	0.00
Target Compounds						
10) Phenol	6.96	94	53807	2.819	ng	91
50) Dimethylphthalate	13.86	163	1196275	24.109	ng	100

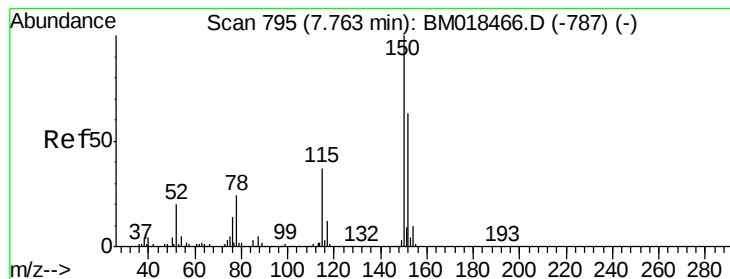
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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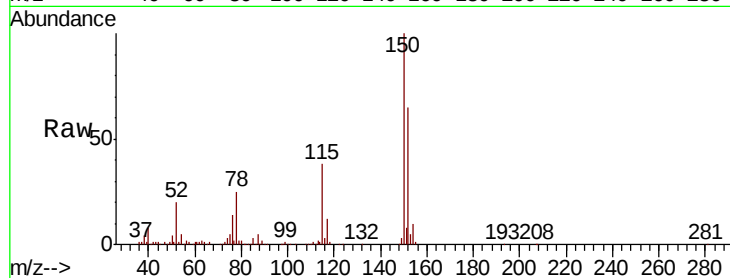


#1

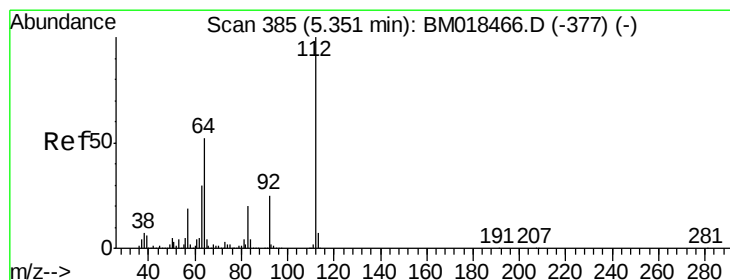
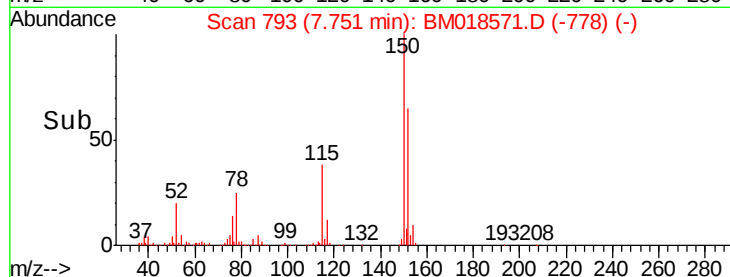
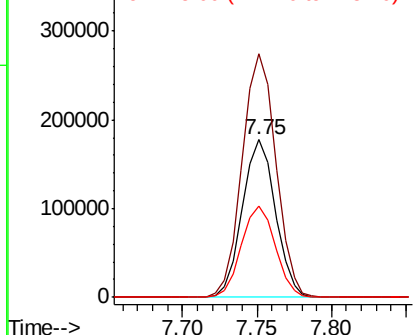
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM018571.D
Acq: 15 Jan 2019 21:17

Instrument :
BNA_M
ClientSampleId :
RBR-200053

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.9	190.3
115	58.1	45.5	68.3



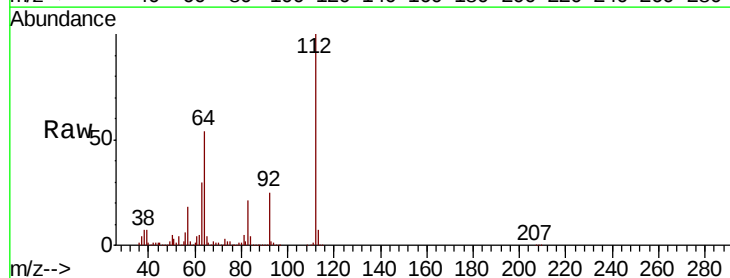
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



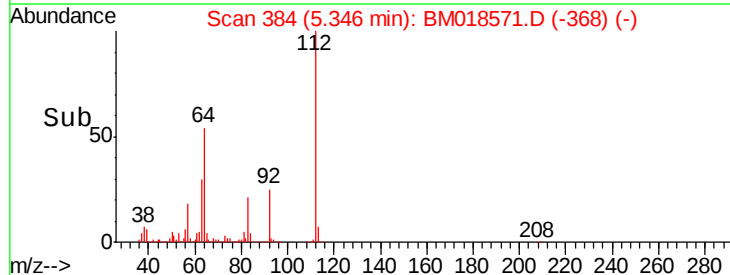
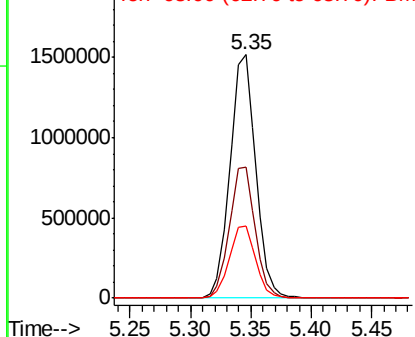
#5

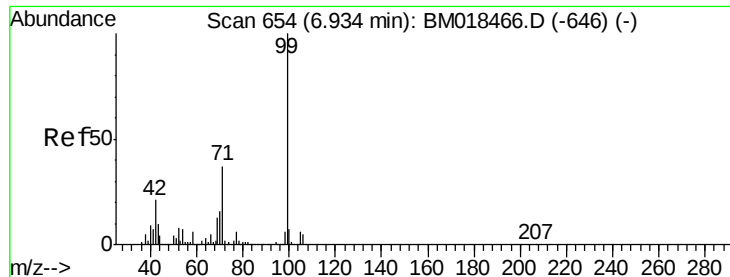
2-Fluorophenol
Concen: 152.764 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018571.D
Acq: 15 Jan 2019 21:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	46.5	69.7
63	29.8	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: 155.237 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018571.D

Acq: 15 Jan 2019 21:17

Instrument :

BNA_M

ClientSampleId :

RBR-200053

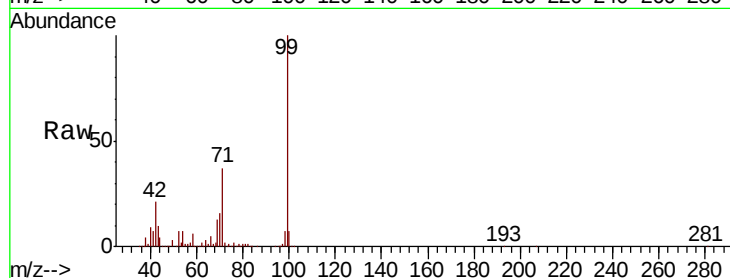
Tgt Ion: 99 Resp: 2915720

Ion Ratio Lower Upper

99 100

42 20.6 17.3 25.9

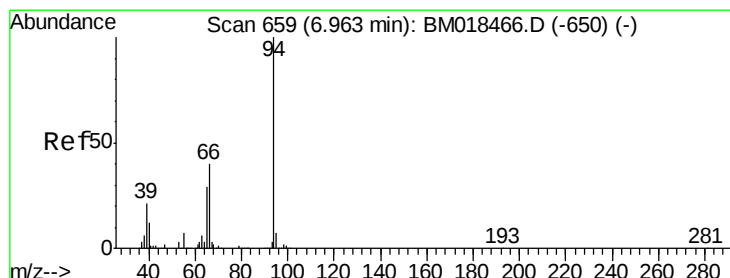
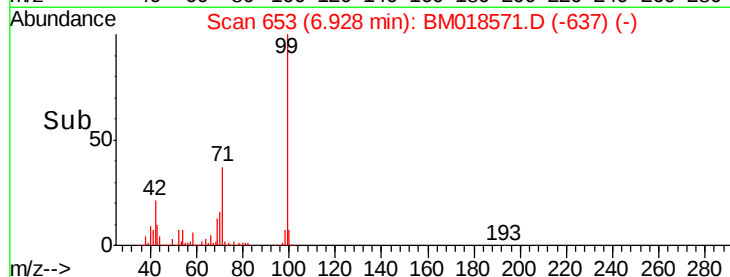
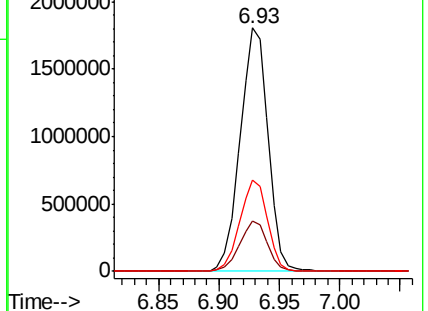
71 37.3 28.0 42.0



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) (-)



#10

Phenol

Concen: 2.819 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM018571.D

Acq: 15 Jan 2019 21:17

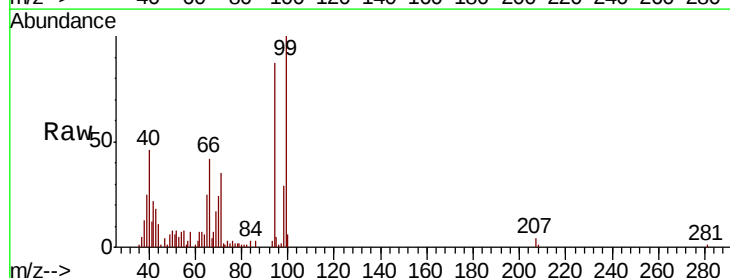
Tgt Ion: 94 Resp: 53807

Ion Ratio Lower Upper

94 100

65 29.0 9.4 49.4

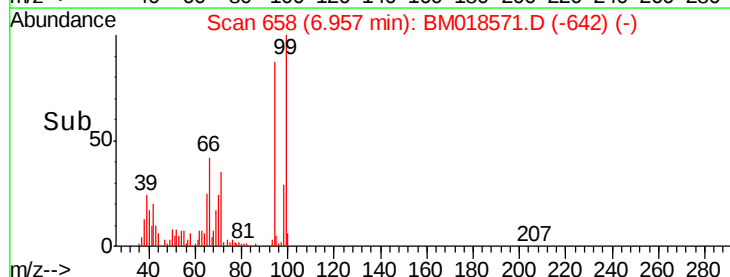
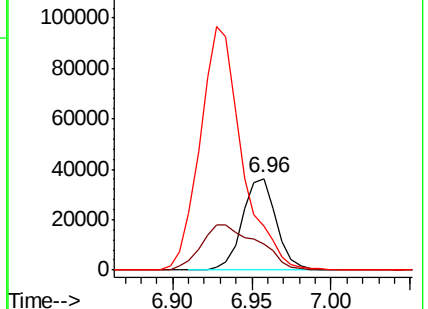
66 48.5 19.1 59.1

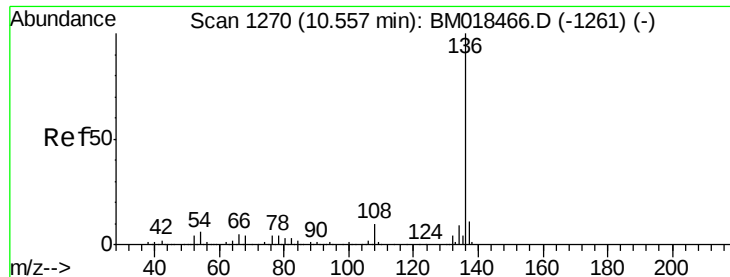


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)

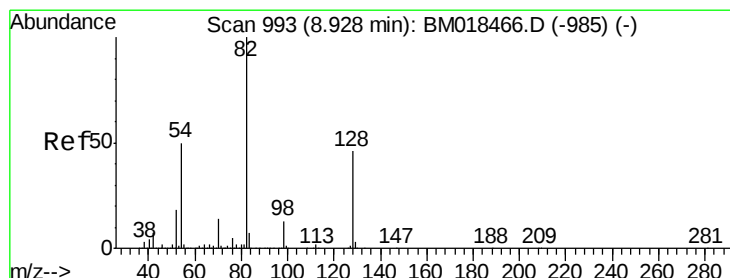
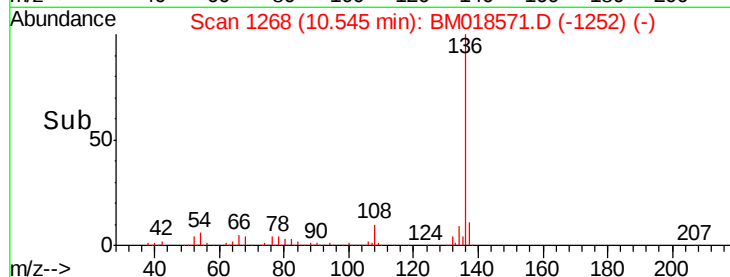
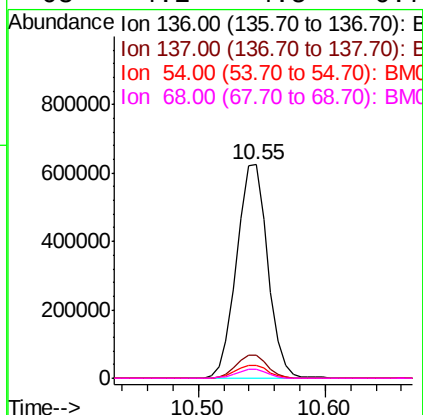
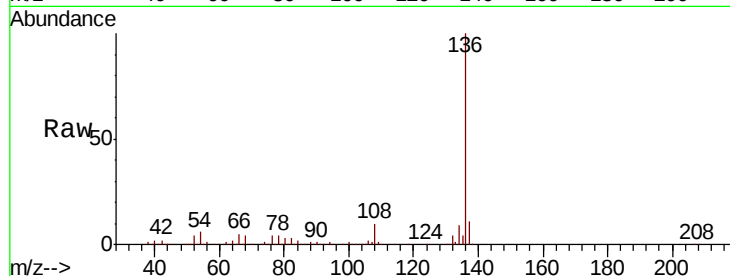




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018571.D
Acq: 15 Jan 2019 21:17

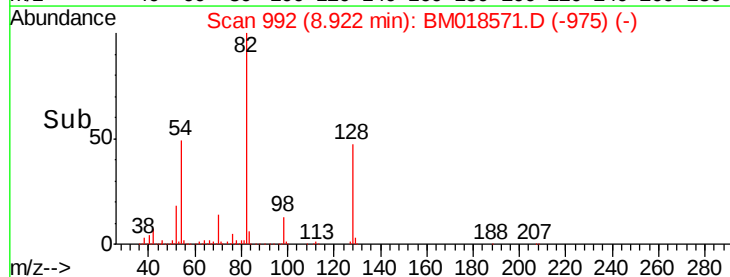
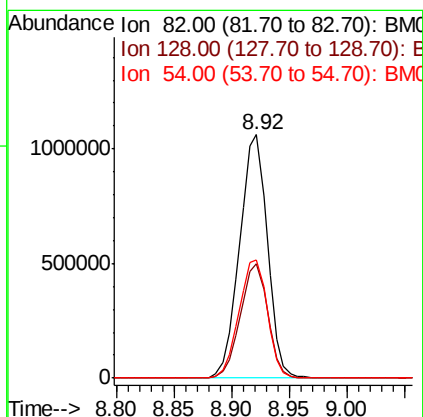
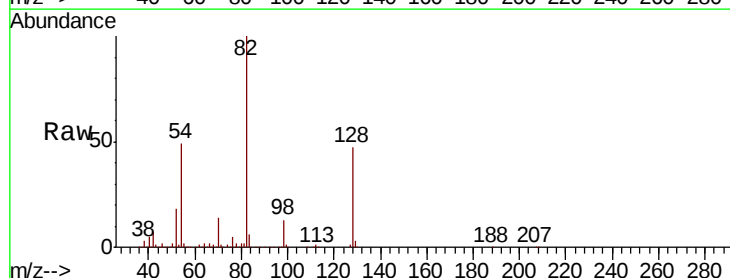
Instrument :
BNA_M
ClientSampleId :
RBR-200053

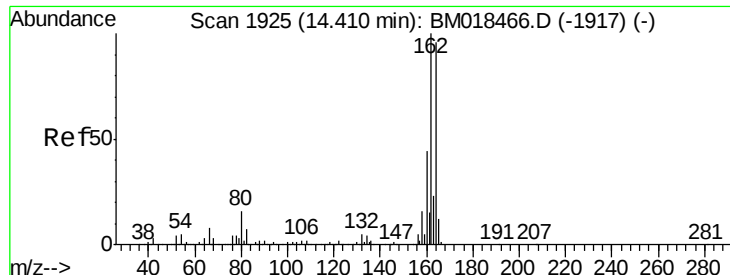
Tgt Ion:136 Resp: 1062313
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 6.1 6.0 9.0
68 4.2 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 97.194 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM018571.D
Acq: 15 Jan 2019 21:17

Tgt Ion: 82 Resp: 1781069
Ion Ratio Lower Upper
82 100
128 47.0 36.3 54.5
54 48.6 41.7 62.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.40 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM018571.D

Acq: 15 Jan 2019 21:17

Instrument :

BNA_M

ClientSampleId :

RBR-200053

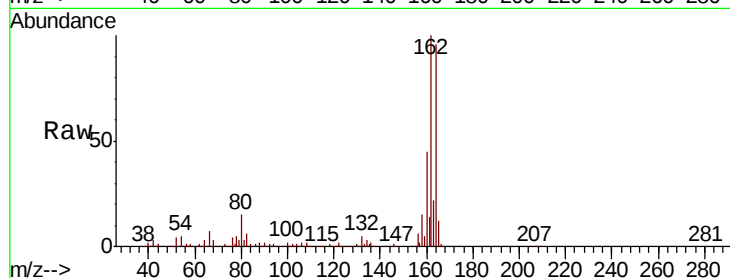
Tgt Ion:164 Resp: 604173

Ion Ratio Lower Upper

164 100

162 104.1 83.0 124.4

160 46.9 37.1 55.7

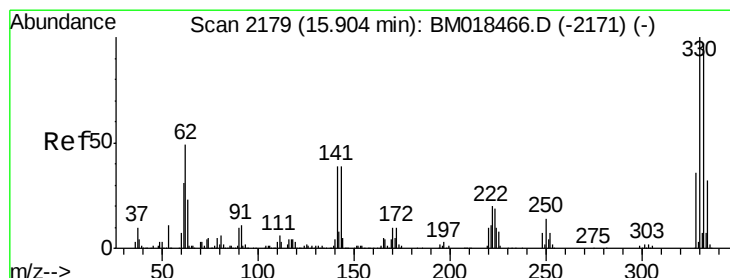
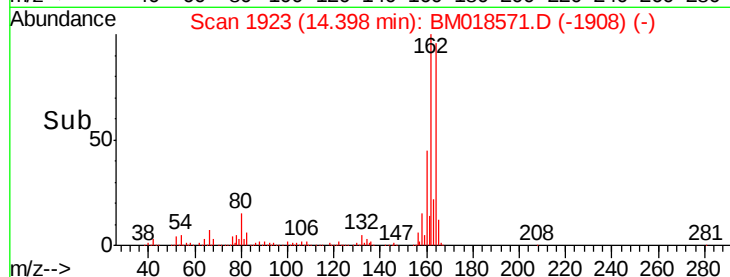
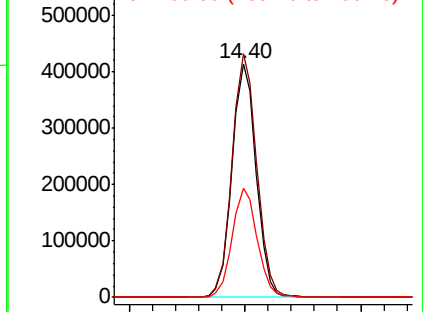


Abundance

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: 171.530 ng

RT: 15.90 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BM018571.D

Acq: 15 Jan 2019 21:17

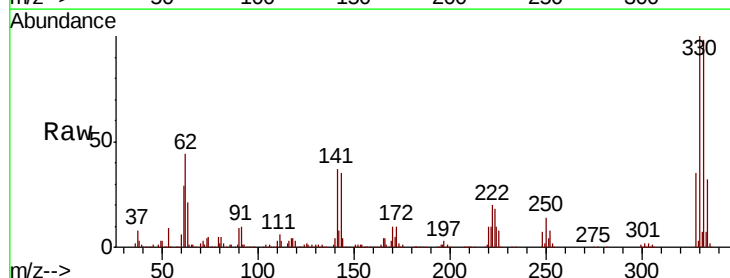
Tgt Ion:330 Resp: 1319551

Ion Ratio Lower Upper

330 100

332 97.2 77.6 116.4

141 38.9 31.7 47.5

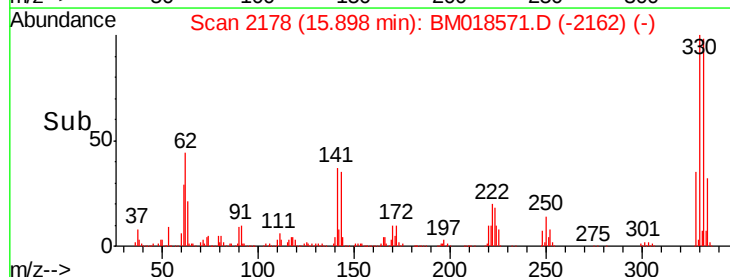
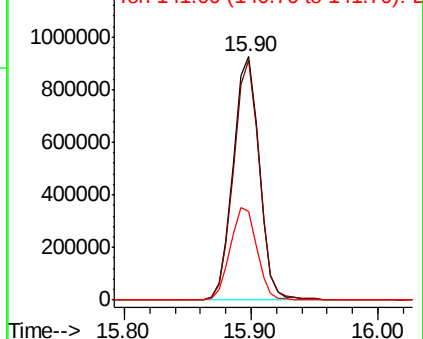


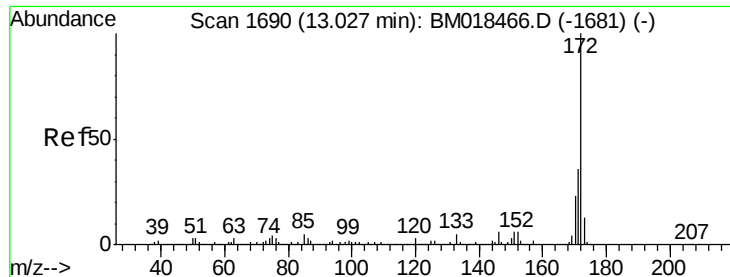
Abundance

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

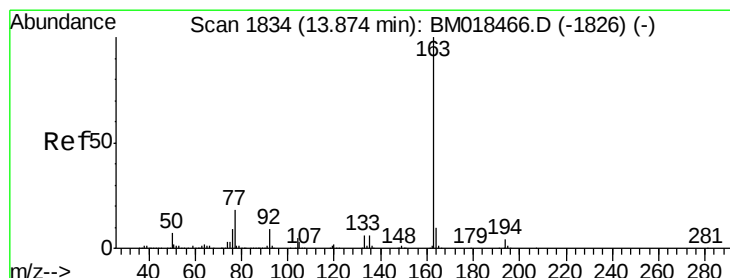
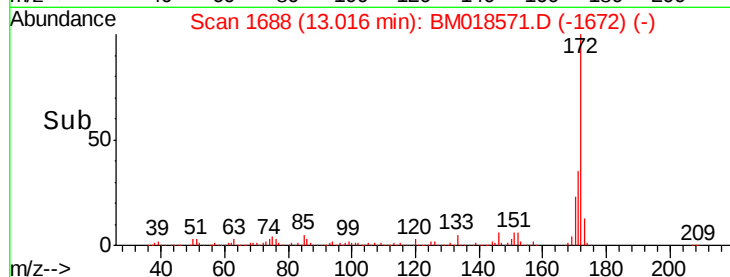
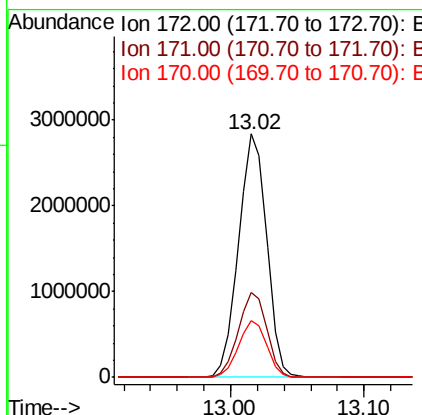
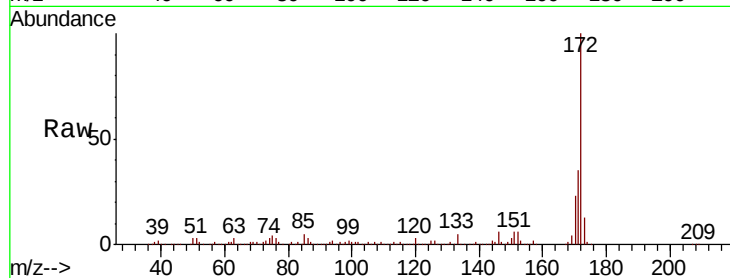




#45
 2-Fluorobiphenyl
 Concen: 89.741 ng
 RT: 13.02 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM018571.D
 Acq: 15 Jan 2019 21:17

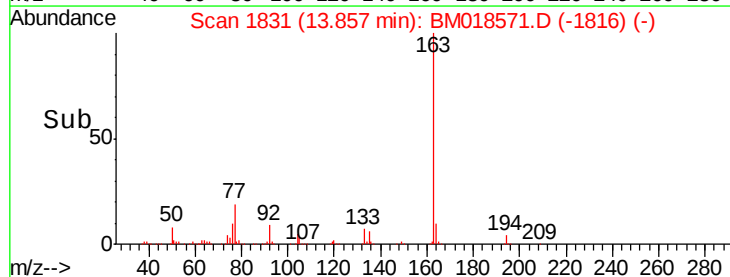
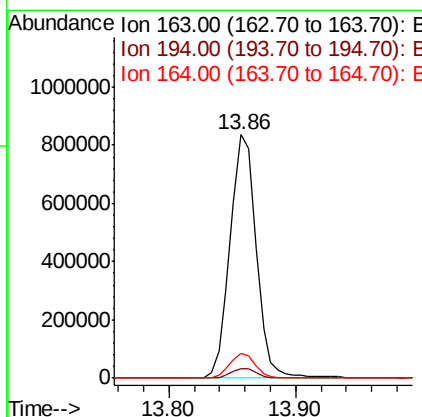
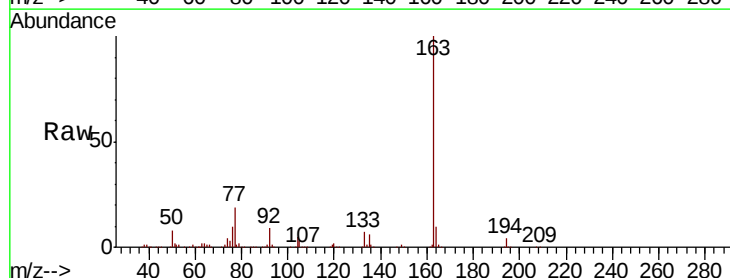
Instrument :
 BNA_M
 ClientSampleId :
 RBR-200053

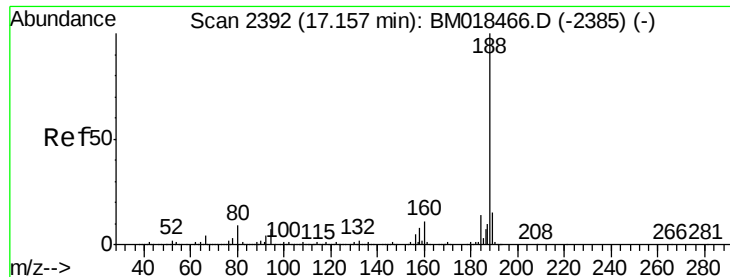
Tgt Ion:172 Resp: 4155163
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.2 42.4
 170 23.4 18.9 28.3



#50
 Dimethylphthalate
 Concen: 24.109 ng
 RT: 13.86 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BM018571.D
 Acq: 15 Jan 2019 21:17

Tgt Ion:163 Resp: 1196275
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.0 4.6
 164 9.9 7.8 11.8

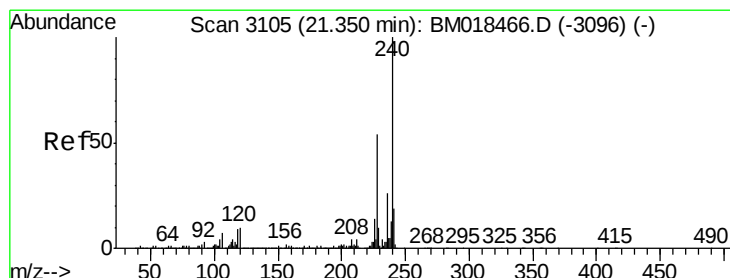
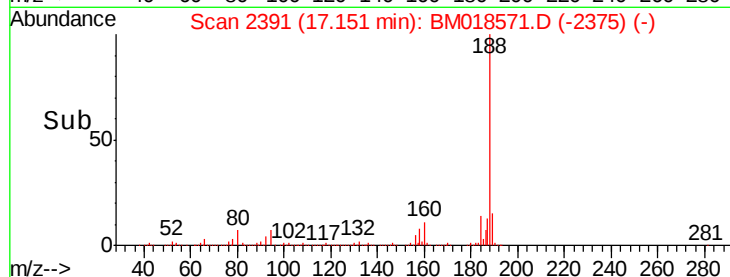
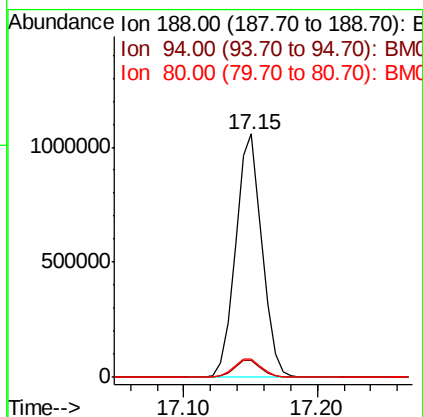
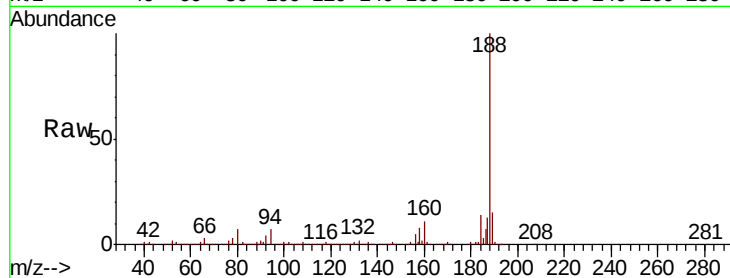




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018571.D
Acq: 15 Jan 2019 21:17

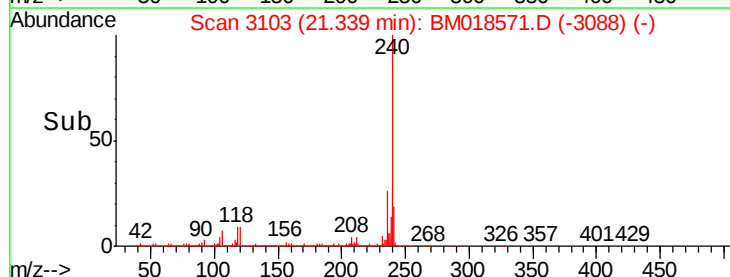
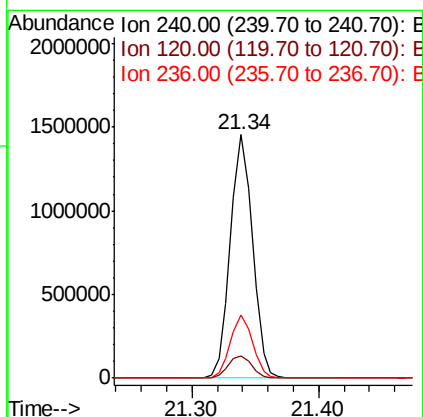
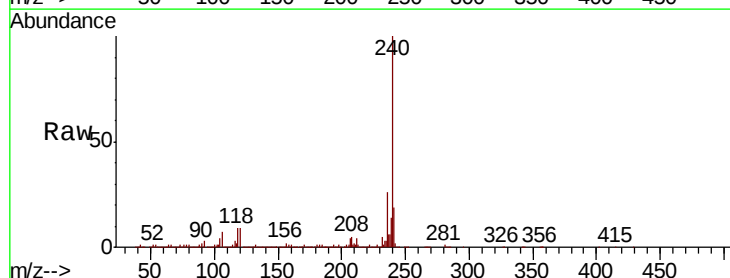
Instrument :
BNA_M
ClientSampled :
RBR-200053

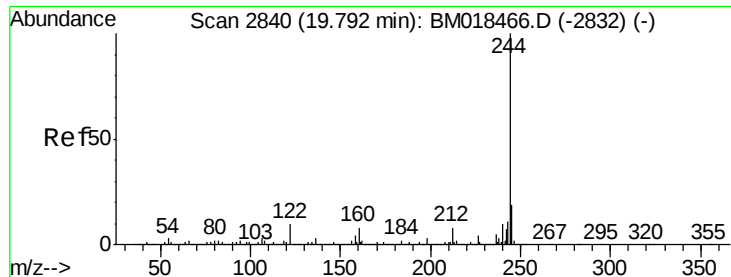
Tgt Ion:188 Resp: 1446803
Ion Ratio Lower Upper
188 100
94 6.8 7.1 10.7#
80 7.4 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018571.D
Acq: 15 Jan 2019 21:17

Tgt Ion:240 Resp: 1764409
Ion Ratio Lower Upper
240 100
120 9.2 8.4 12.6
236 26.0 20.7 31.1

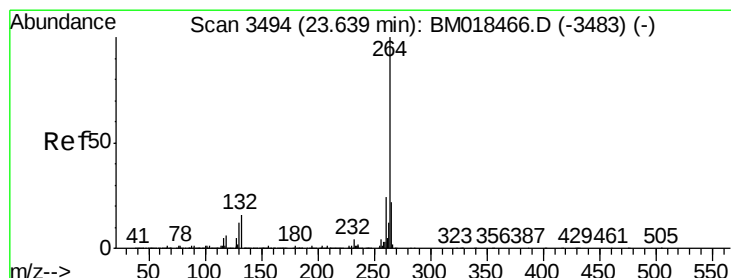
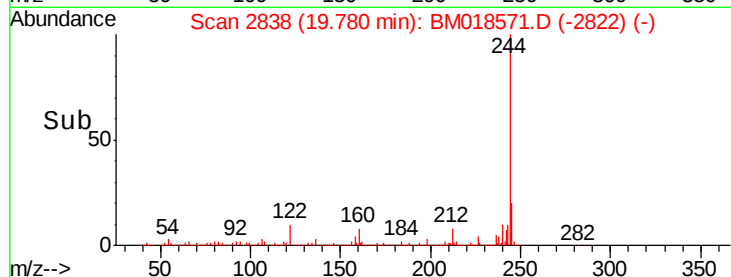
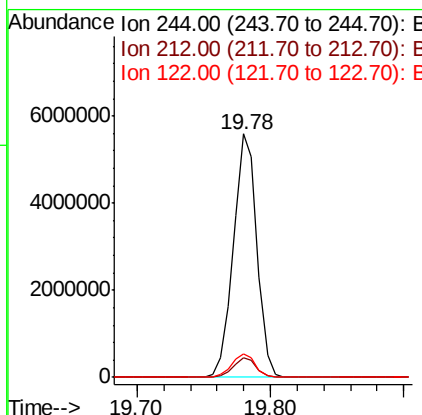
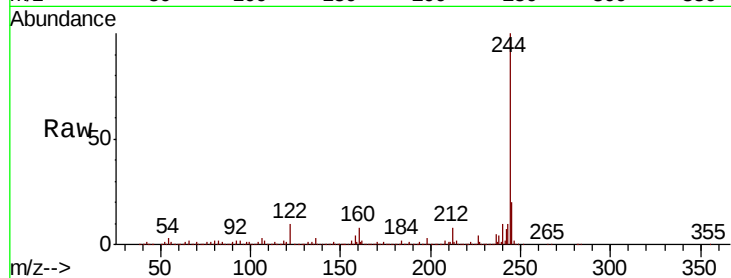




#79
 Terphenyl-d14
 Concen: 82.116 ng
 RT: 19.78 min Scan# 2838
 Delta R.T. -0.01 min
 Lab File: BM018571.D
 Acq: 15 Jan 2019 21:17

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200053

Tgt Ion:244 Resp: 6873035
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 9.7 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.62 min Scan# 3491
 Delta R.T. -0.01 min
 Lab File: BM018571.D
 Acq: 15 Jan 2019 21:17

Tgt Ion:264 Resp: 1922762
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 21.2 16.8 25.2

