

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
 Data File : BM019169.D
 Acq On : 14 Mar 2019 15:03
 Operator : JU/SJ
 Sample : K1866-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MR-MH-04-COMP

Quant Time: Mar 15 05:19:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

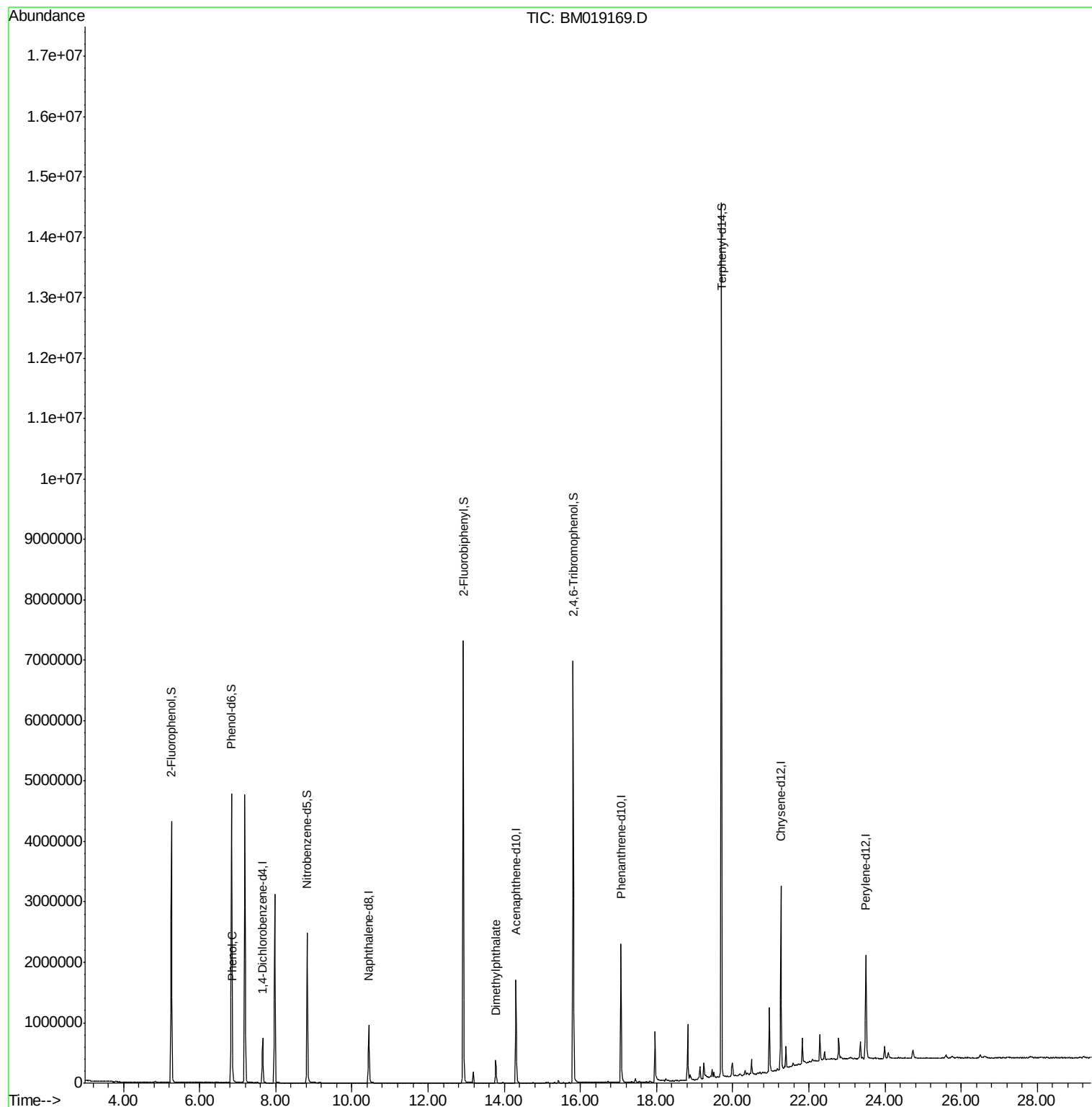
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	197778	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	824484	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	546453	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1308708	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1324940	20.00	ng	-0.01
87) Perylene-d12	23.50	264	1186652	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1797550	147.19	ng	0.00
7) Phenol-d6	6.84	99	2741148	153.45	ng	0.00
23) Nitrobenzene-d5	8.83	82	1660820	95.22	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	1294803	160.48	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3614412	86.04	ng	-0.01
79) Terphenyl-d14	19.70	244	6258248	93.77	ng	0.00
Target Compounds						
10) Phenol	6.86	94	85373	4.435	ng	86
50) Dimethylphthalate	13.78	163	267349	5.719	ng	98

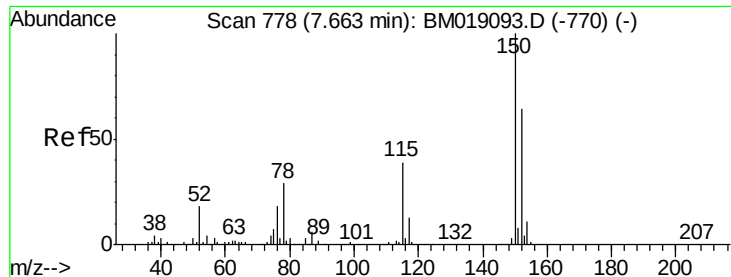
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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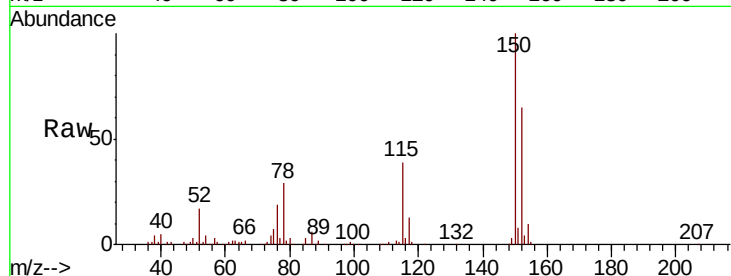


#1

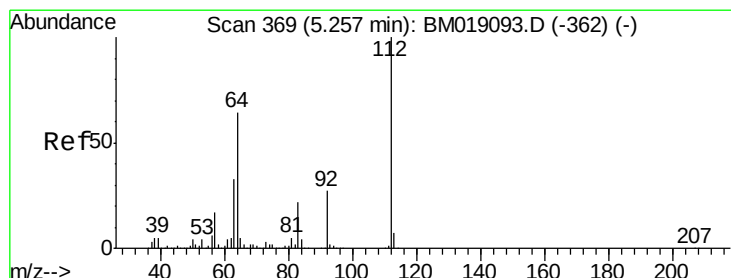
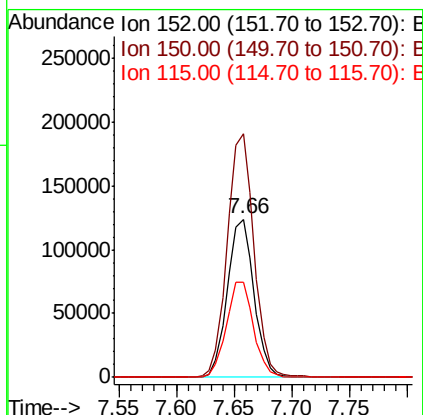
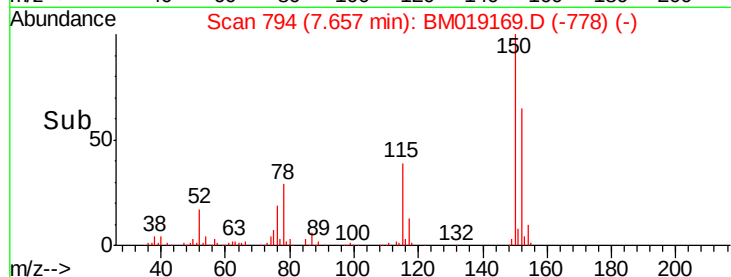
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019169.D
Acq: 14 Mar 2019 15:03

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMP

Tot Ion:152 Resp: 197778
Ion Ratio Lower Upper
152 100
150 154.0 125.3 187.9
115 60.4 49.4 74.0



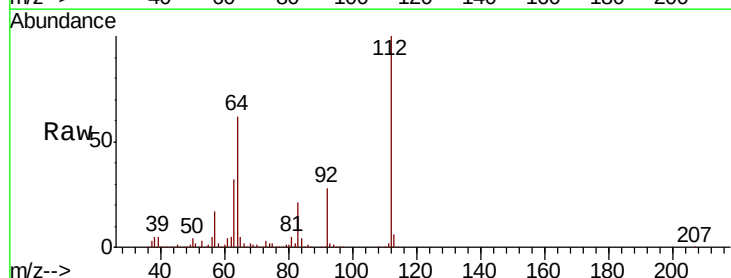
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



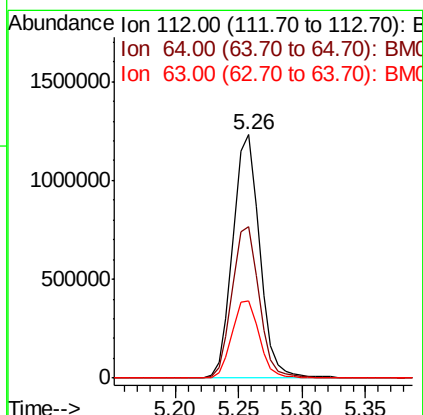
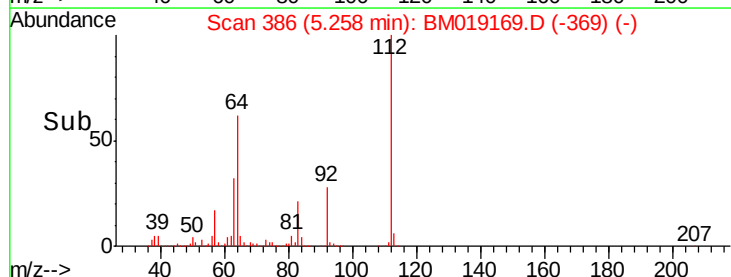
#5

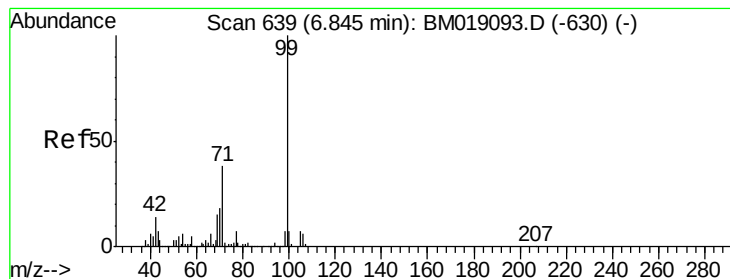
2-Fluorophenol
Concen: 147.190 ng
RT: 5.26 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM019169.D
Acq: 14 Mar 2019 15:03

Tgt Ion:112 Resp: 1797550
Ion Ratio Lower Upper
112 100
64 62.2 51.4 77.0
63 31.8 26.6 40.0



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: 153.452 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019169.D

Acq: 14 Mar 2019 15:03

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMP

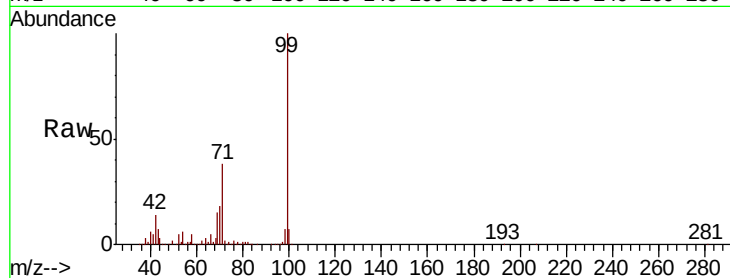
Tot Ion: 99 Resp: 2741148

Ion Ratio Lower Upper

99 100

42 13.9 10.9 16.3

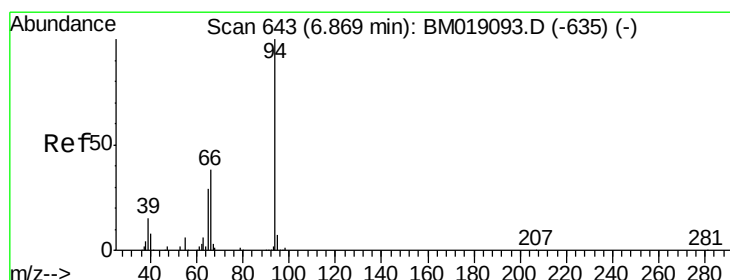
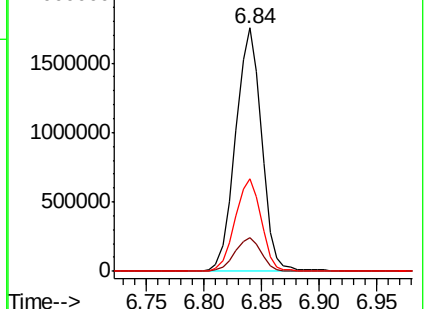
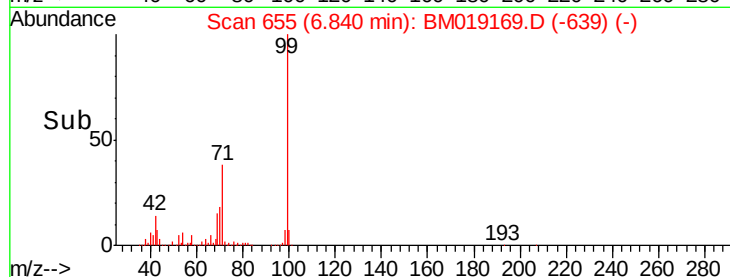
71 38.2 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019169.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019169.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019169.D (-639) (-)



#10

Phenol

Concen: 4.435 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM019169.D

Acq: 14 Mar 2019 15:03

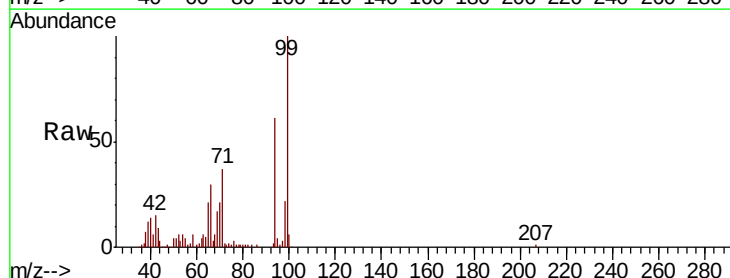
Tgt Ion: 94 Resp: 85373

Ion Ratio Lower Upper

94 100

65 34.6 9.7 49.7

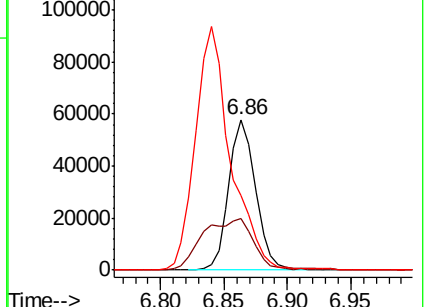
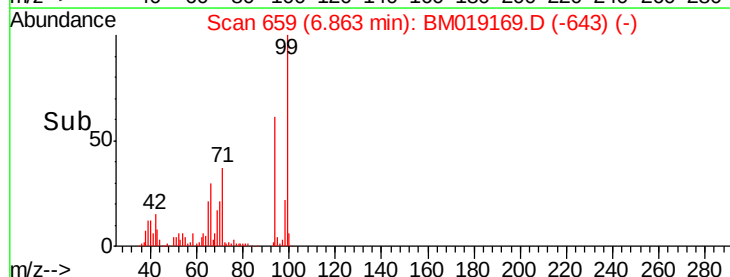
66 49.9 19.2 59.2

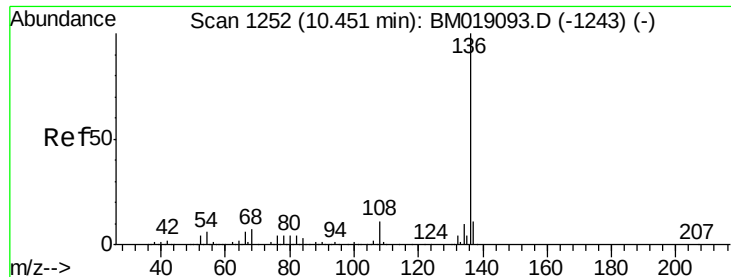


Abundance Ion 94.00 (93.70 to 94.70): BM019169.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM019169.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM019169.D (-643) (-)

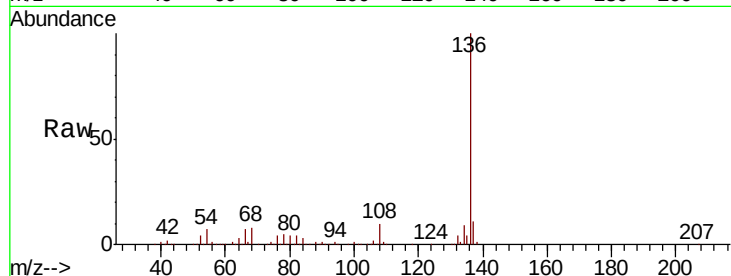




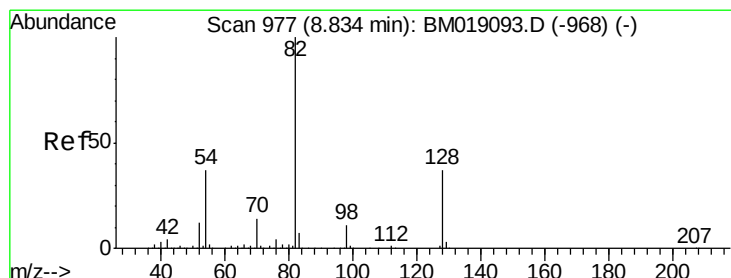
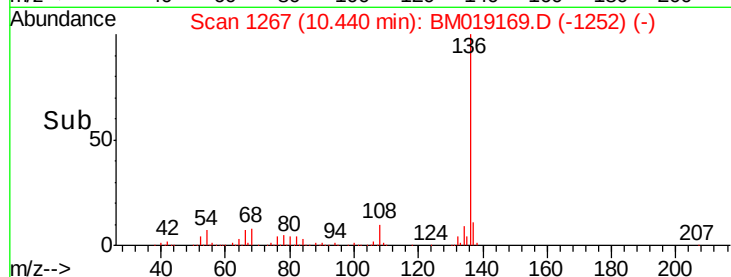
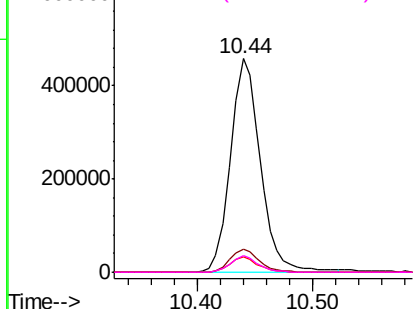
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM019169.D
Acq: 14 Mar 2019 15:03

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMP

Tot Ion:136	Resp:	824484
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.6	13.0
54 7.1	5.2	7.8
68 7.6	5.8	8.8

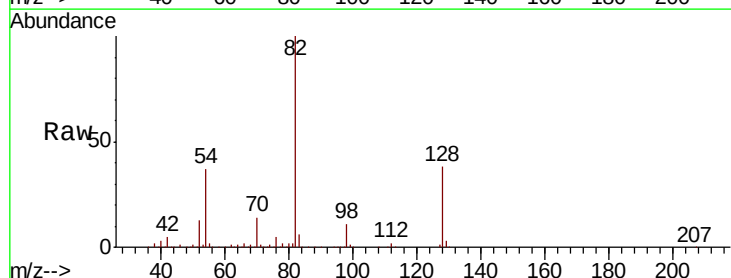


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

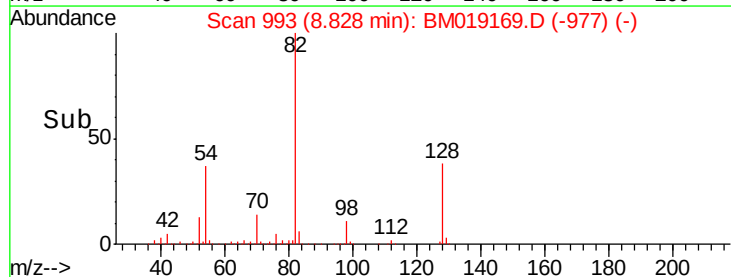
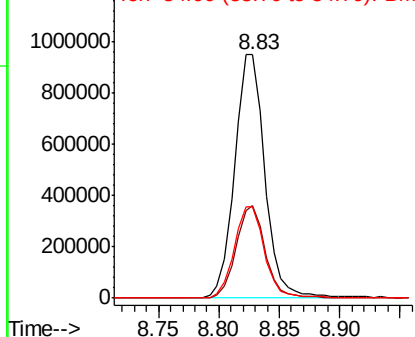


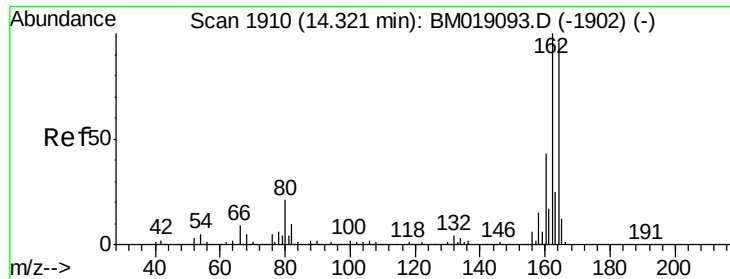
#23
Nitrobenzene-d5
Concen: 95.220 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM019169.D
Acq: 14 Mar 2019 15:03

Tgt Ion: 82	Resp: 1660820
Ion Ratio	Lower Upper
82 100	
128 37.8	29.4 44.2
54 37.3	29.9 44.9



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

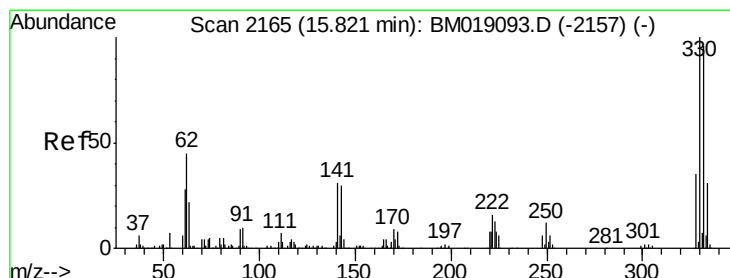
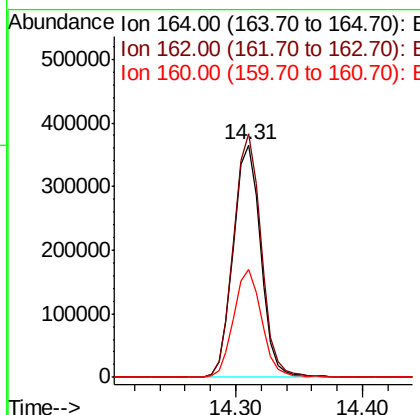
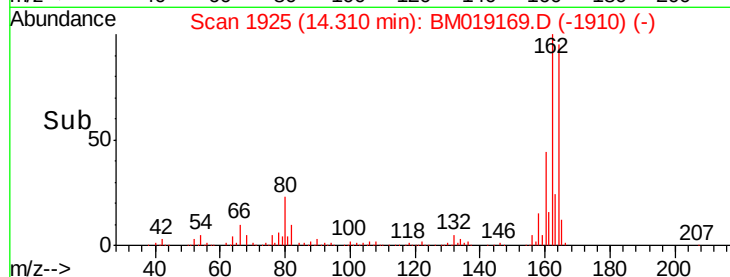
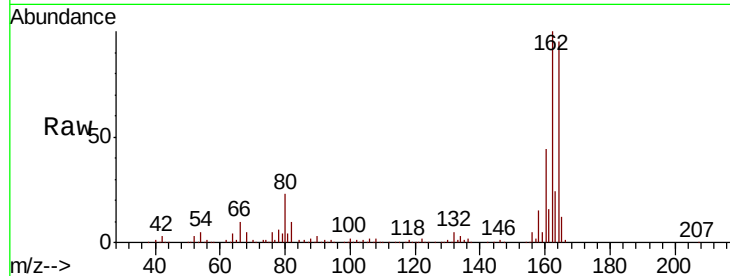




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.31 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BM019169.D
 Acq: 14 Mar 2019 15:03

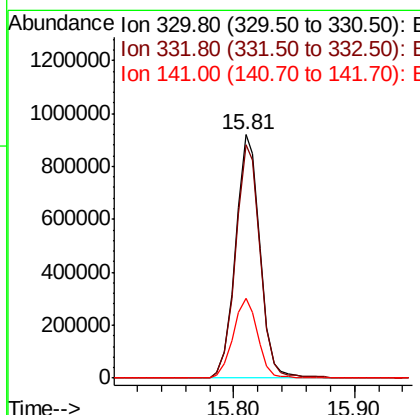
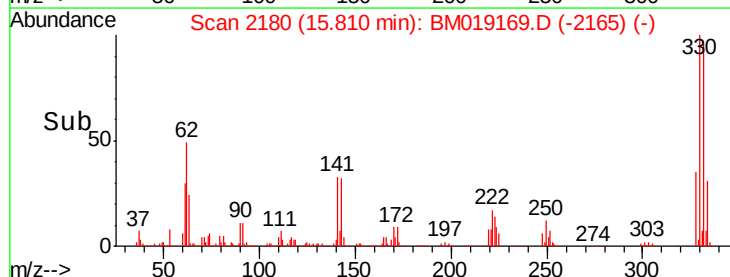
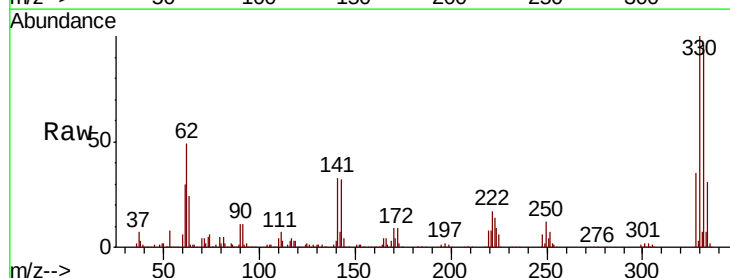
Instrument :
 BNA_M
 ClientSampleId :
 MR-MH-04-COMP

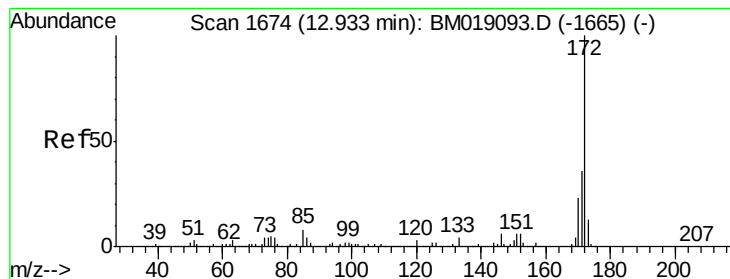
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.5	125.3
160	46.5	36.3	54.5



#42
 2,4,6-Tribromophenol
 Concen: 160.483 ng
 RT: 15.81 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BM019169.D
 Acq: 14 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	33.2	27.0	40.4





#45

2-Fluorobiphenyl

Concen: 86.036 ng

RT: 12.92 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BM019169.D

Acq: 14 Mar 2019 15:03

Instrument :

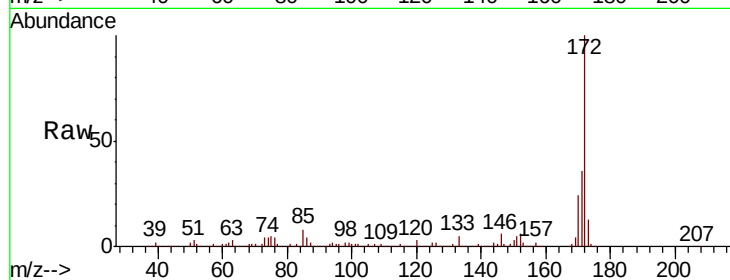
BNA_M

ClientSampleId :

MR-MH-04-COMP

Tot Ion:172 Resp: 3614412

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.6	18.6	28.0

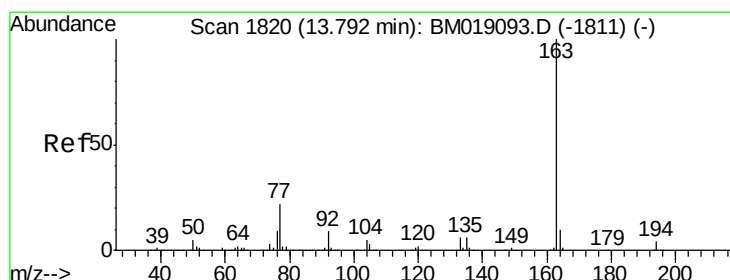
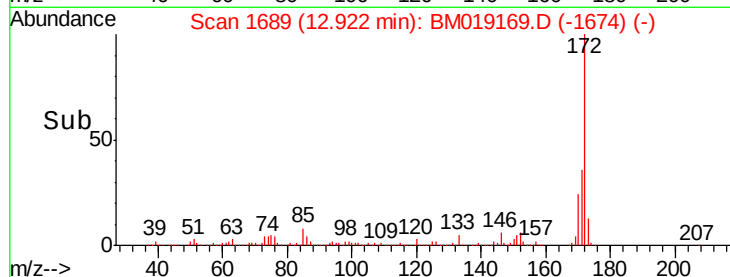
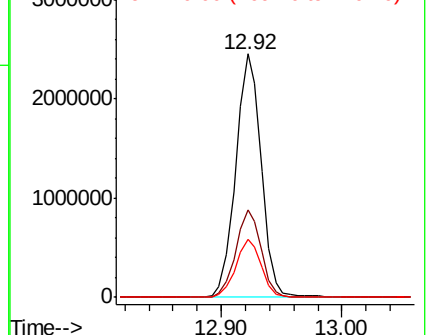


Abundance

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: 5.719 ng

RT: 13.78 min Scan# 1835

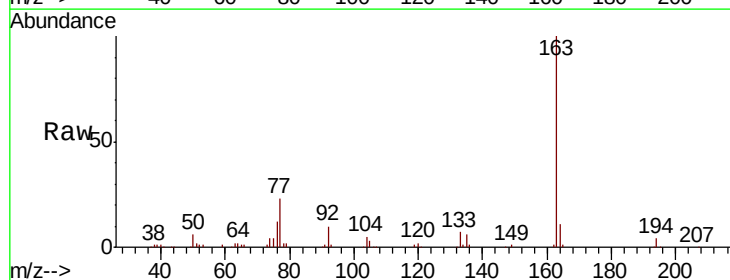
Delta R.T. -0.01 min

Lab File: BM019169.D

Acq: 14 Mar 2019 15:03

Tgt Ion:163 Resp: 267349

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.6	7.7	11.5

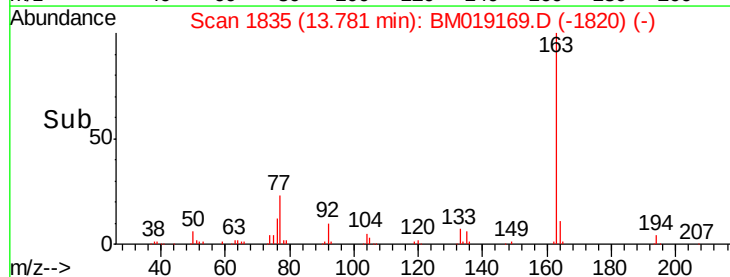
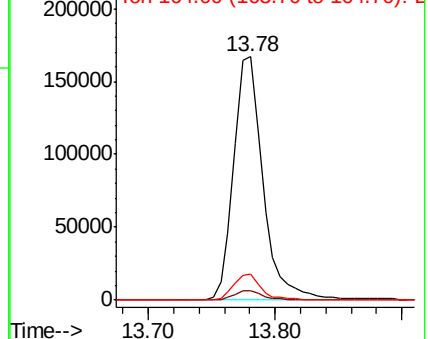


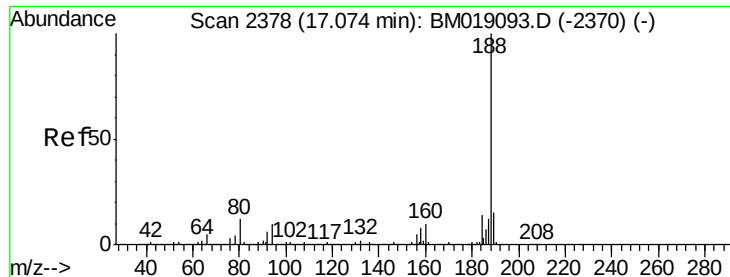
Abundance

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

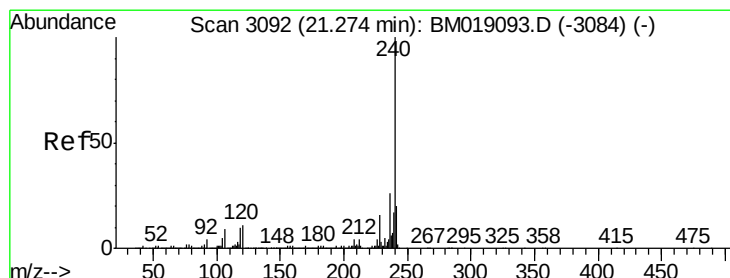
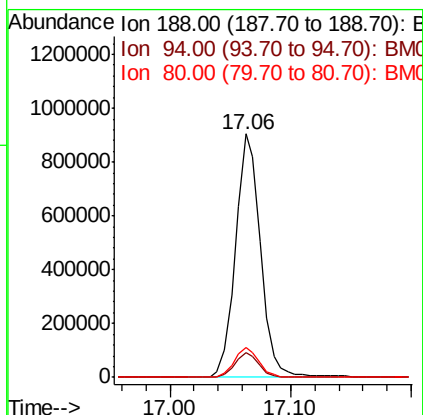
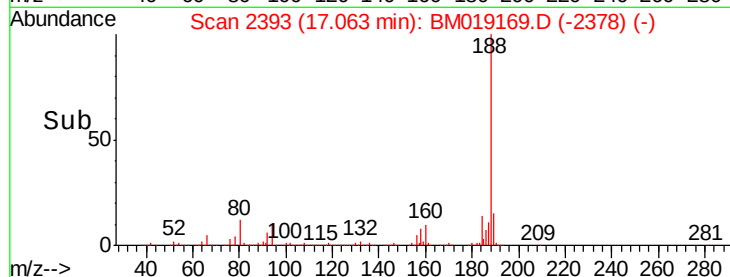
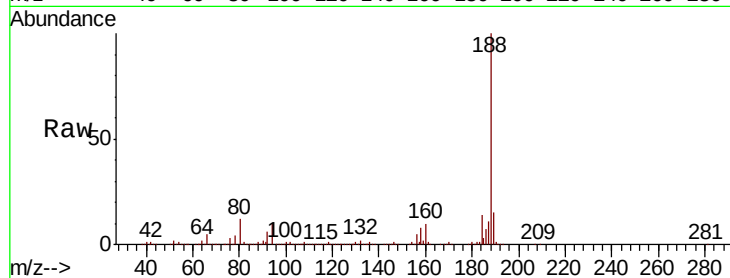




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019169.D
Acq: 14 Mar 2019 15:03

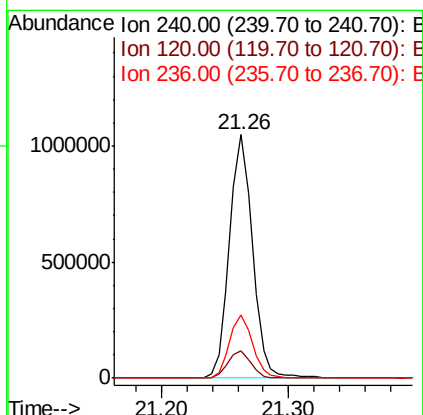
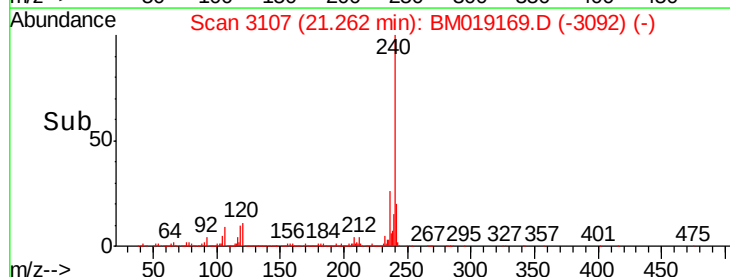
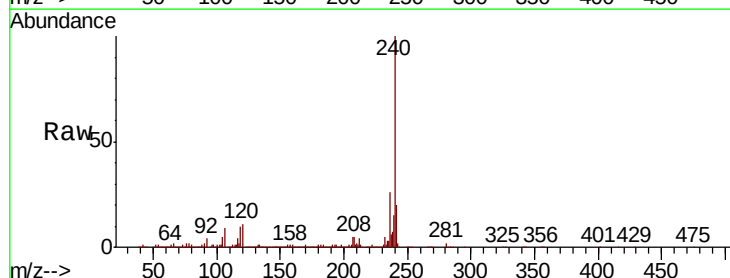
Instrument :
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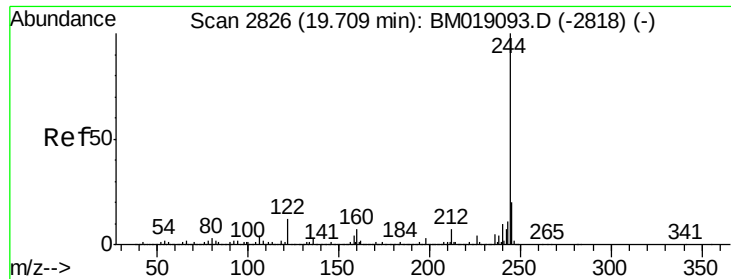
Tot Ion:188 Resp: 1308708
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 12.1 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM019169.D
Acq: 14 Mar 2019 15:03

Tgt Ion:240 Resp: 1324940
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 26.1 21.0 31.4

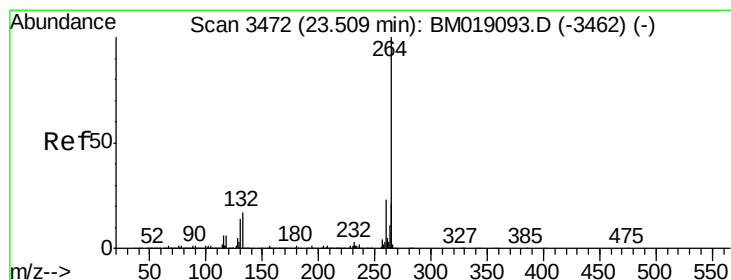
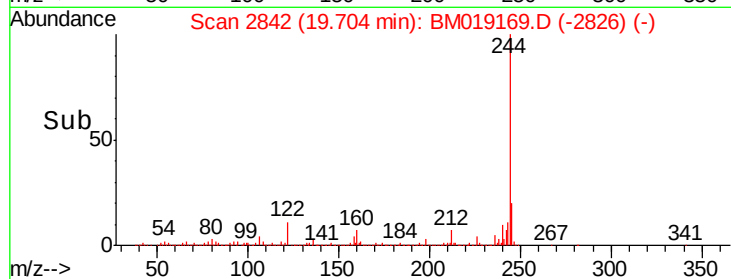
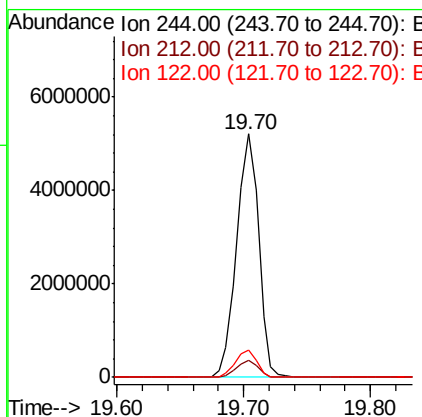
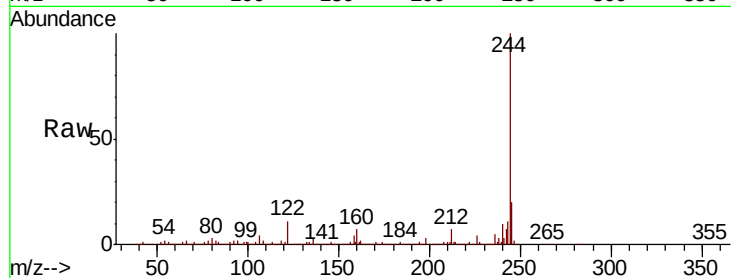




#79
 Terphenyl-d14
 Concen: 93.770 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM019169.D
 Acq: 14 Mar 2019 15:03

Instrument :
 BNA_M
 ClientSampleId :
 MR-MH-04-COMP

Tot Ion:244 Resp: 6258248
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.3 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.50 min Scan# 3487
 Delta R.T. -0.01 min
 Lab File: BM019169.D
 Acq: 14 Mar 2019 15:03

Tgt Ion:264 Resp: 1186652
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 22.1 17.3 25.9

