

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031819\
 Data File : BM019218.D
 Acq On : 18 Mar 2019 16:39
 Operator : JU/SJ
 Sample : K1935-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 19 07:21:51 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

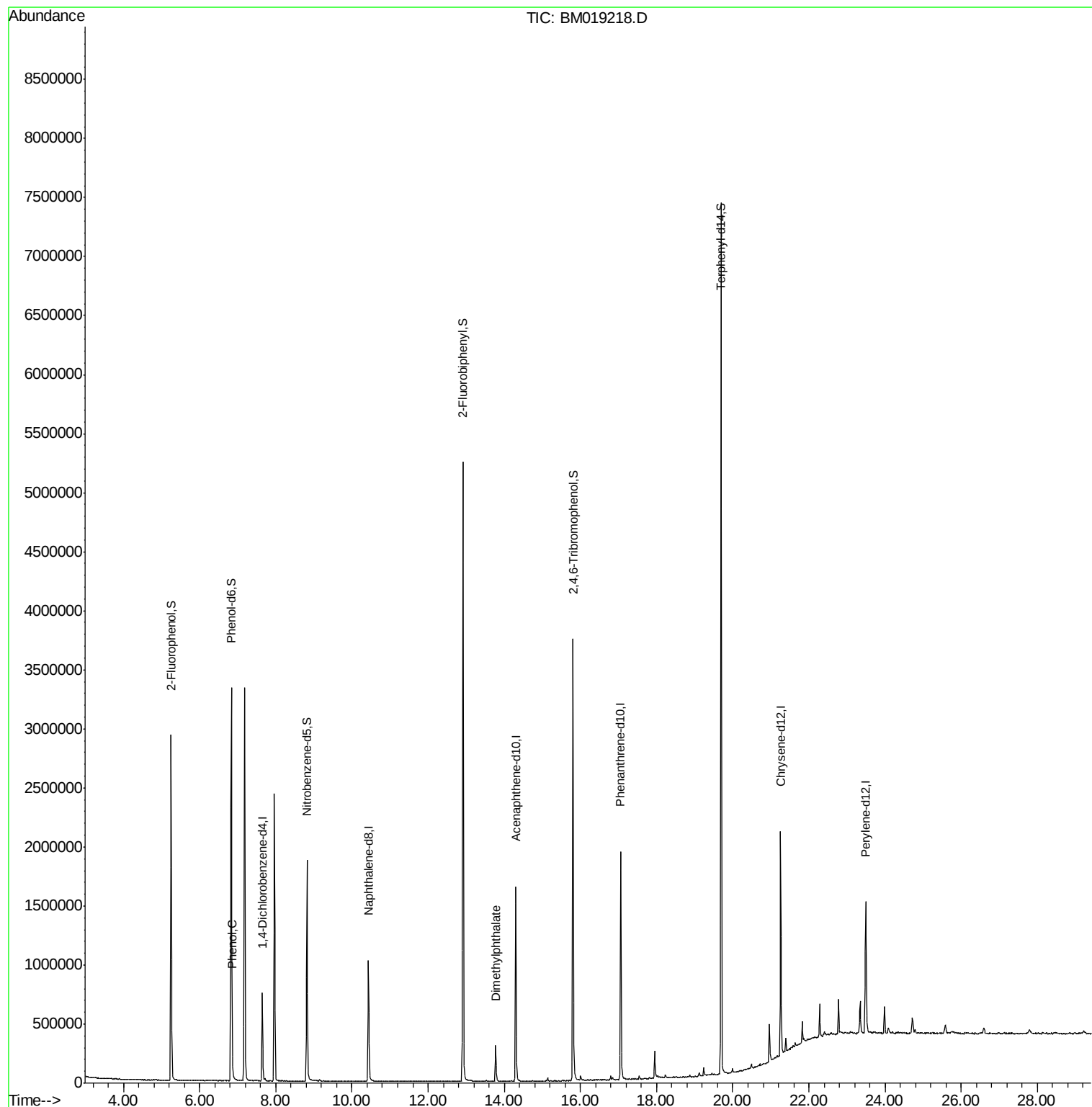
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	197147	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	870910	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	536300	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1120892	20.00	ng	-0.02
76) Chrysene-d12	21.26	240	877813	20.00	ng	-0.02
87) Perylene-d12	23.49	264	830703	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1254033	103.01	ng	0.00
7) Phenol-d6	6.83	99	1965042	110.36	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1268307	68.84	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	704923	89.02	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	2654036	64.37	ng	-0.02
79) Terphenyl-d14	19.70	244	3325594	75.21	ng	-0.01
Target Compounds						
10) Phenol	6.86	94	75589	3.939	ng	89
50) Dimethylphthalate	13.77	163	227726	4.964	ng	100

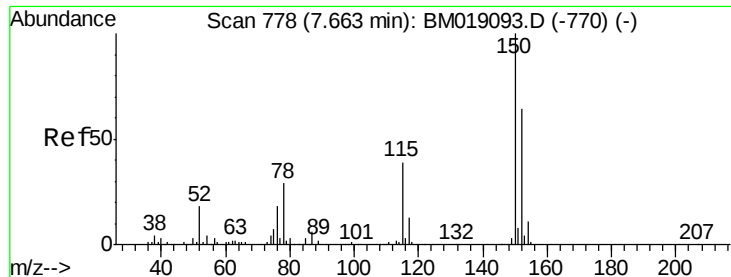
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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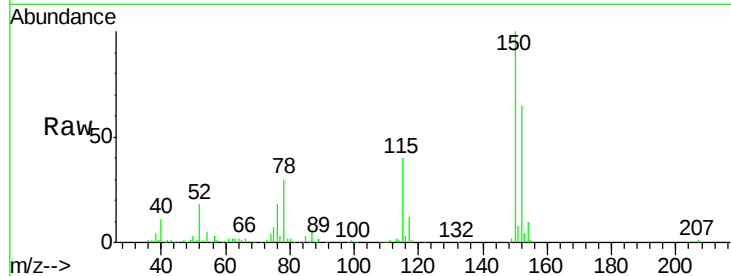


#1

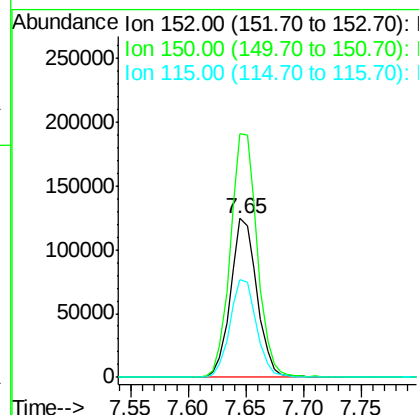
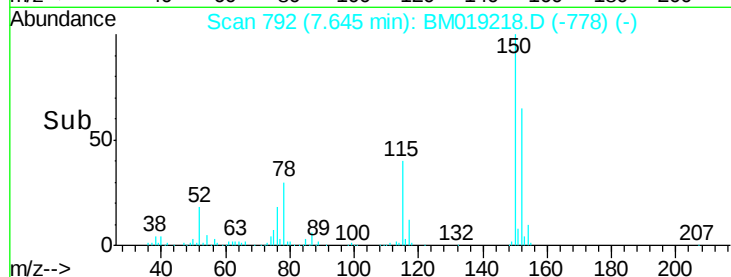
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM019218.D
Acq: 18 Mar 2019 16:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 197147
Ion Ratio Lower Upper
152 100
150 153.3 125.3 187.9
115 61.2 49.4 74.0



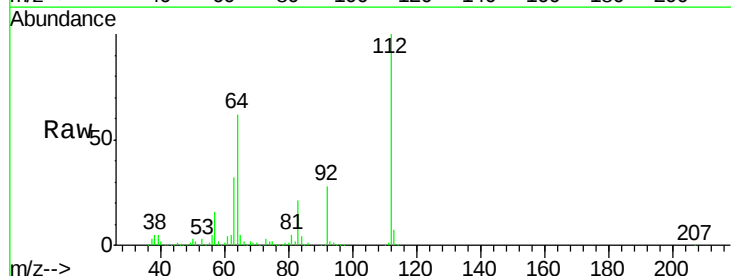
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



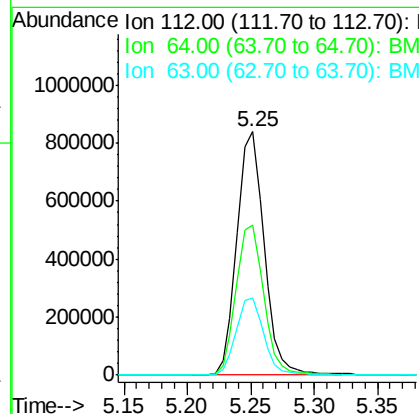
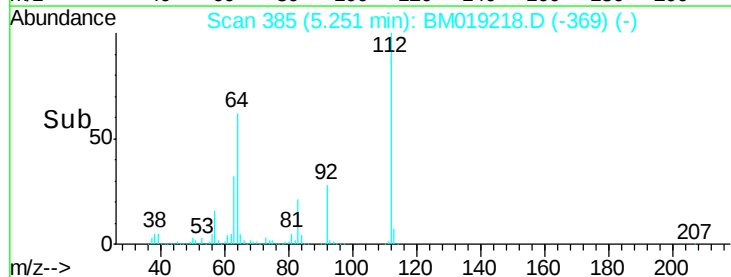
#5

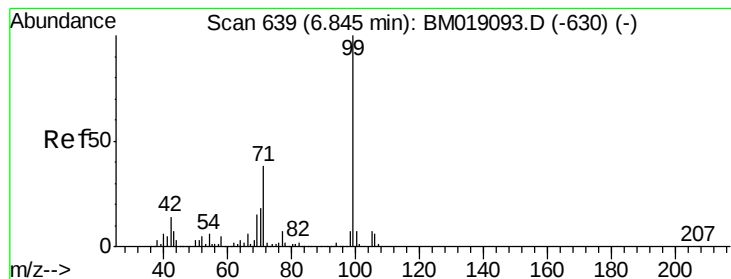
2-Fluorophenol
Concen: 103.013 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM019218.D
Acq: 18 Mar 2019 16:39

Tgt Ion:112 Resp: 1254033
Ion Ratio Lower Upper
112 100
64 61.6 51.4 77.0
63 31.6 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: 110.357 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019218.D

Acq: 18 Mar 2019 16:39

Instrument :

BNA_M

ClientSampleId :

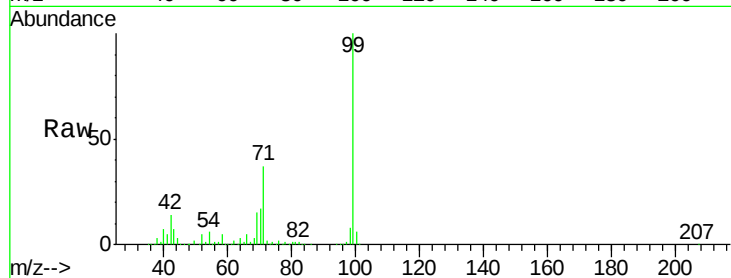
Tgt Ion: 99 Resp: 1965042

Ion Ratio Lower Upper

99 100

42 13.6 10.9 16.3

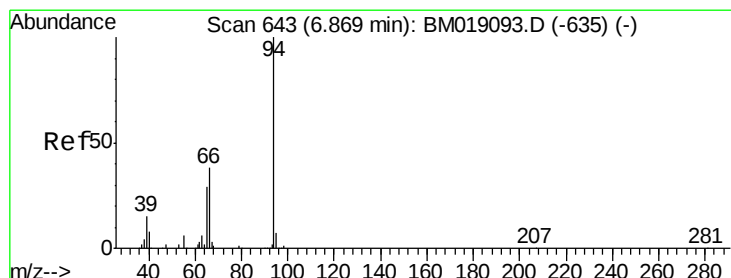
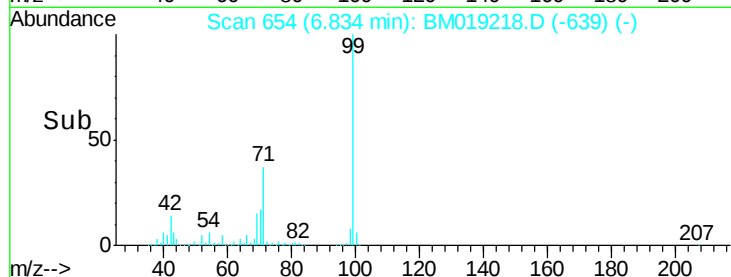
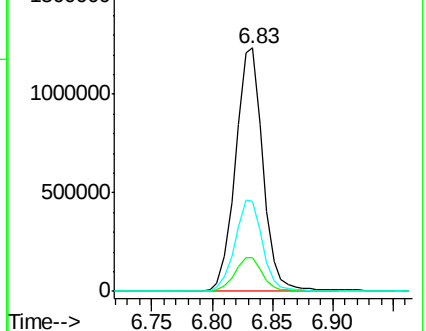
71 37.0 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#10

Phenol

Concen: 3.939 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM019218.D

Acq: 18 Mar 2019 16:39

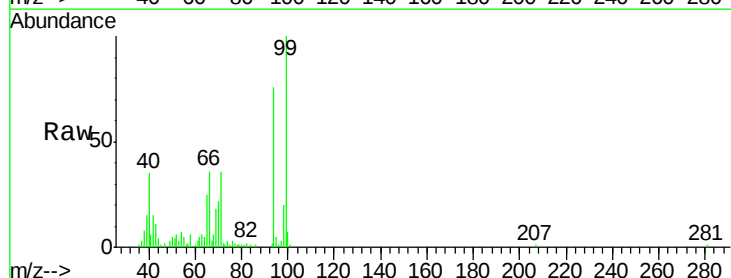
Tgt Ion: 94 Resp: 75589

Ion Ratio Lower Upper

94 100

65 33.1 9.7 49.7

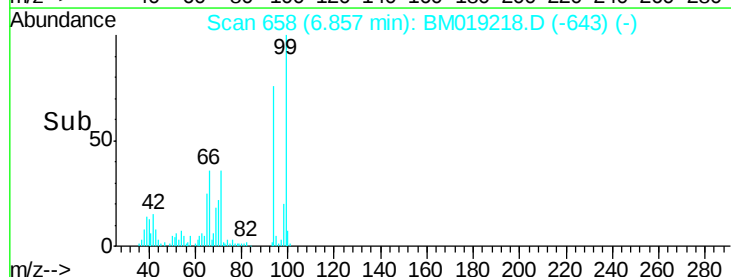
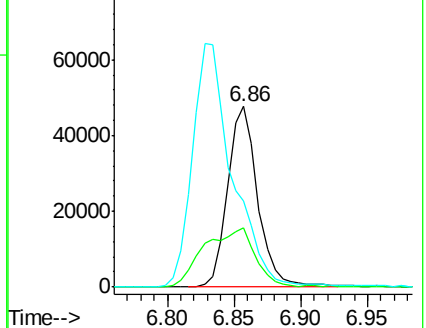
66 47.7 19.2 59.2

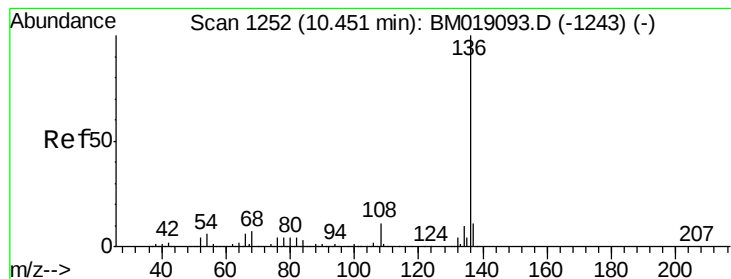


Abundance Ion 94.00 (93.70 to 94.70): BM019093.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM019093.D (-635) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM019218.D

Acq: 18 Mar 2019 16:39

Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 136 Resp: 870910

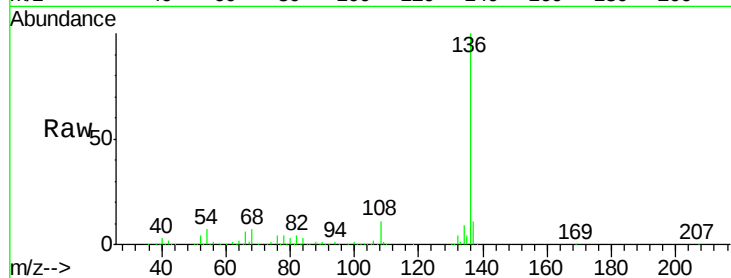
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 6.9 5.2 7.8

68 7.2 5.8 8.8

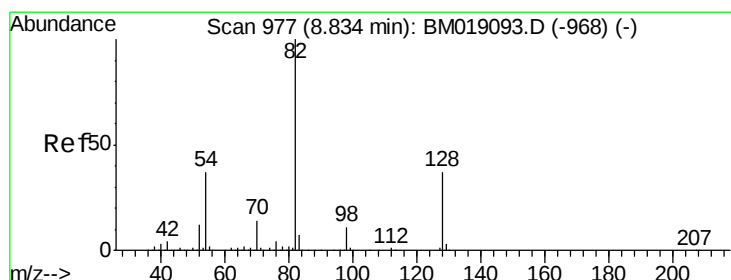
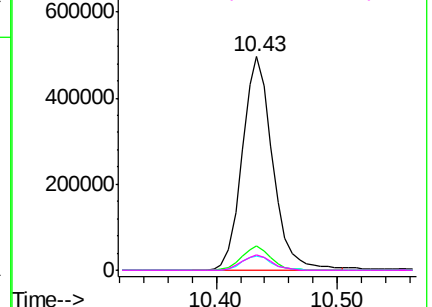
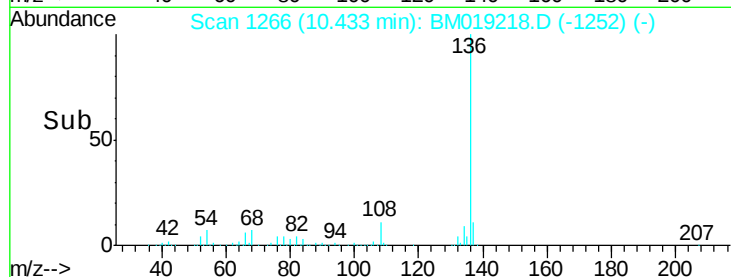


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.840 ng

RT: 8.82 min Scan# 991

Delta R.T. -0.02 min

Lab File: BM019218.D

Acq: 18 Mar 2019 16:39

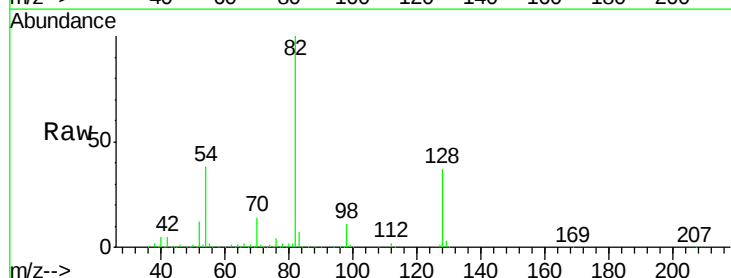
Tgt Ion: 82 Resp: 1268307

Ion Ratio Lower Upper

82 100

128 37.1 29.4 44.2

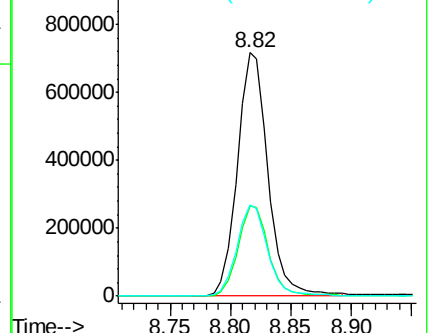
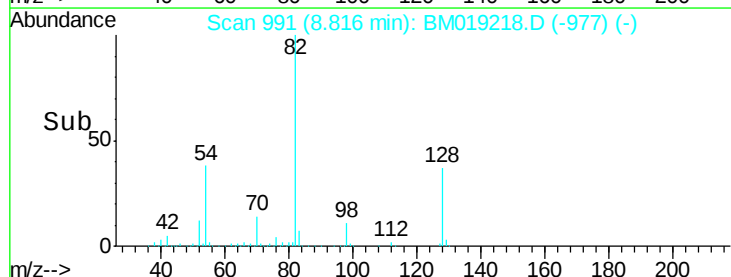
54 37.7 29.9 44.9

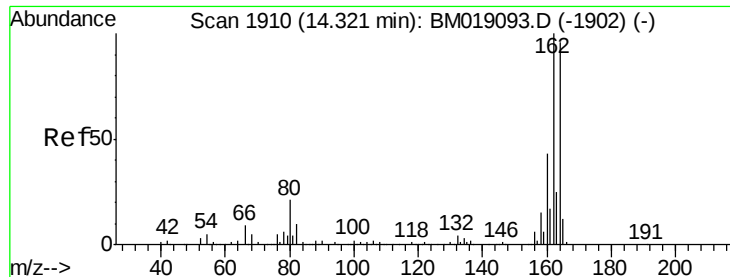


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

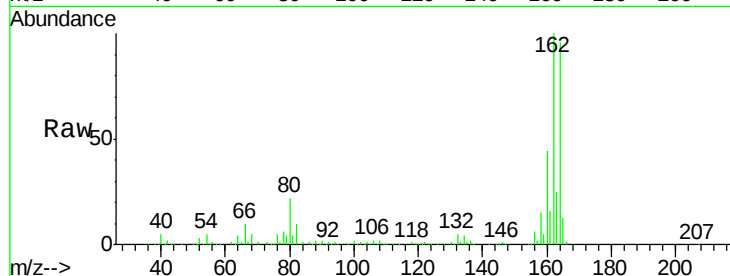




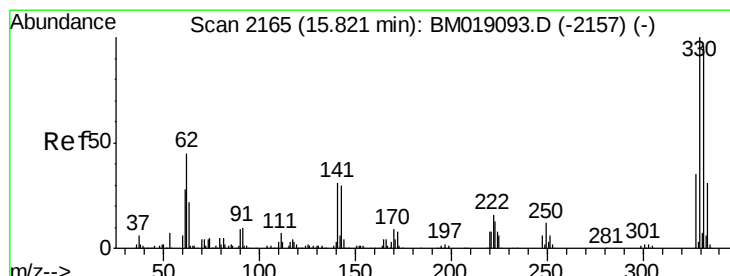
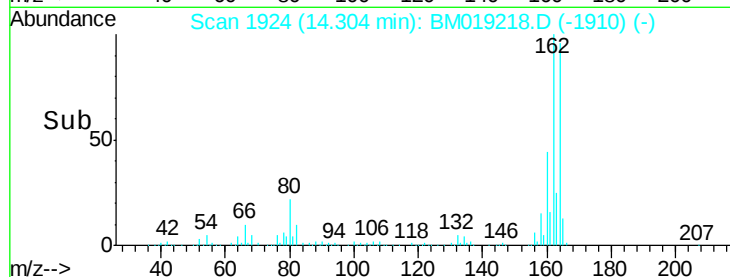
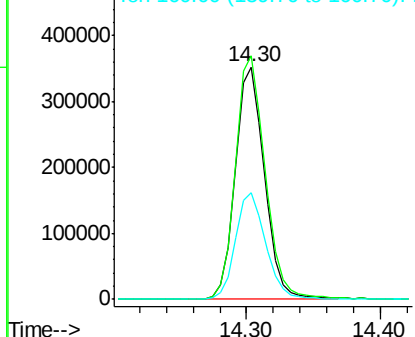
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BM019218.D
Acq: 18 Mar 2019 16:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 536300
Ion Ratio Lower Upper
164 100
162 104.6 83.5 125.3
160 45.8 36.3 54.5

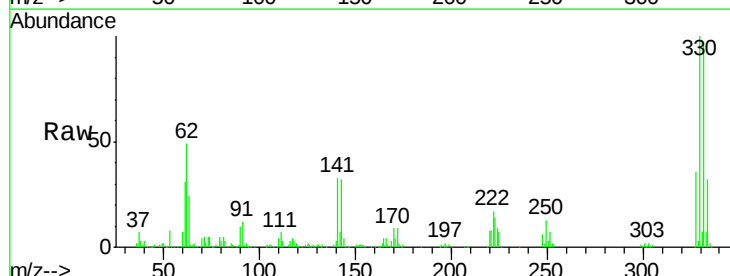


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

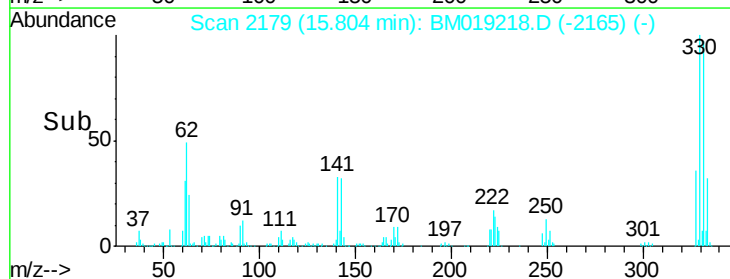
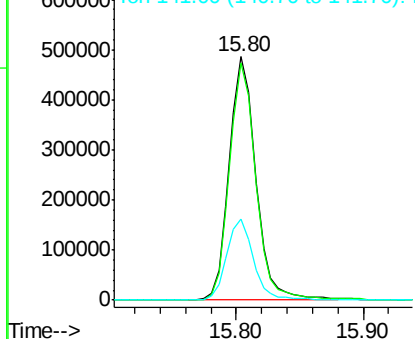


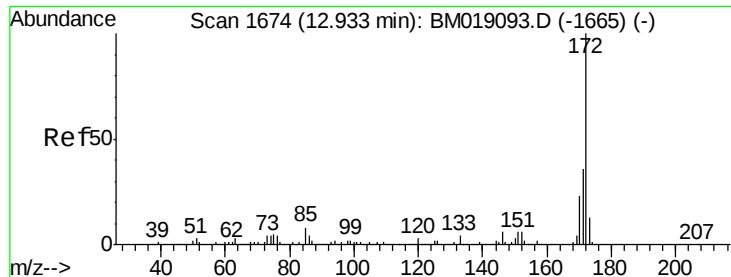
#42
2,4,6-Tribromophenol
Concen: 89.025 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BM019218.D
Acq: 18 Mar 2019 16:39

Tgt Ion:330 Resp: 704923
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 33.6 27.0 40.4



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

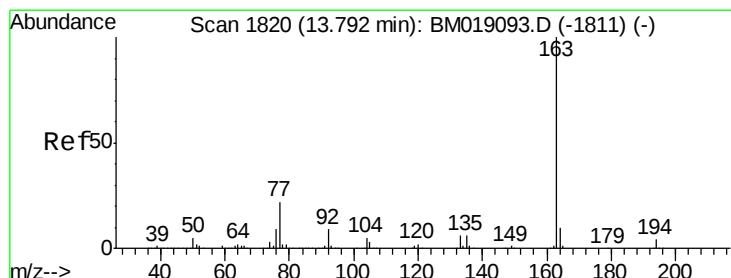
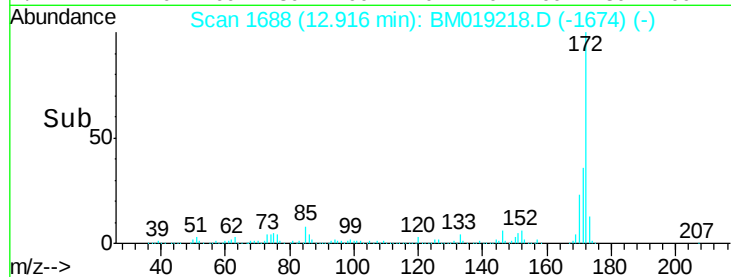
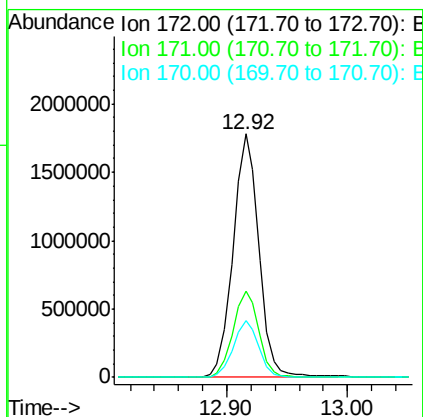
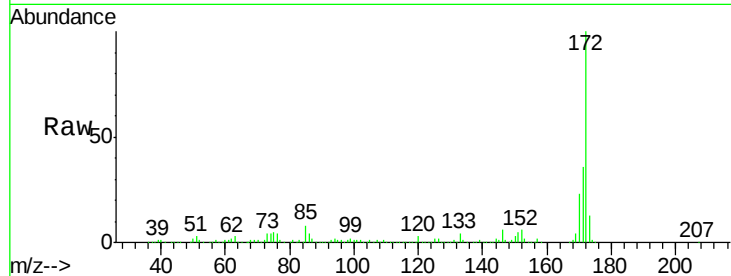




#45
 2-Fluorobiphenyl
 Concen: 64.372 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM019218.D
 Acq: 18 Mar 2019 16:39

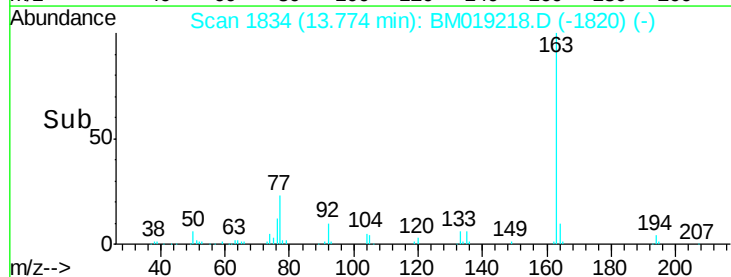
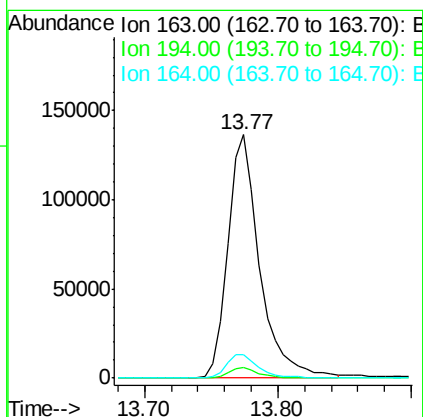
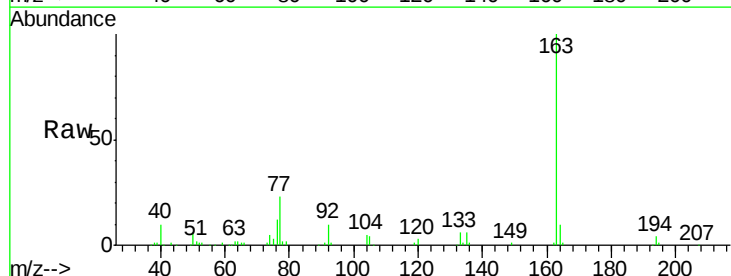
Instrument :
 BNA_M
 ClientSampleId :

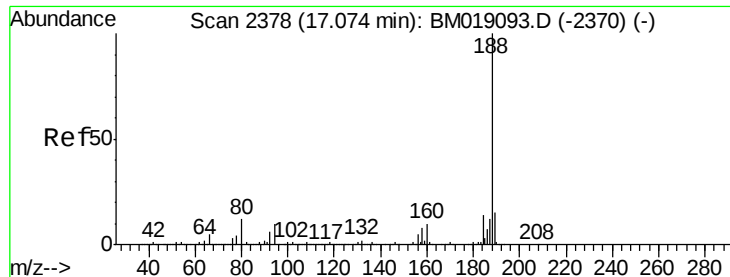
Tgt Ion:172 Resp: 2654036
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 42.8
 170 23.3 18.6 28.0



#50
 Dimethylphthalate
 Concen: 4.964 ng
 RT: 13.77 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BM019218.D
 Acq: 18 Mar 2019 16:39

Tgt Ion:163 Resp: 227726
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.3 4.9
 164 9.5 7.7 11.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

Delta R.T. -0.02 min

Lab File: BM019218.D

Acq: 18 Mar 2019 16:39

Instrument :

BNA_M

ClientSampleId :

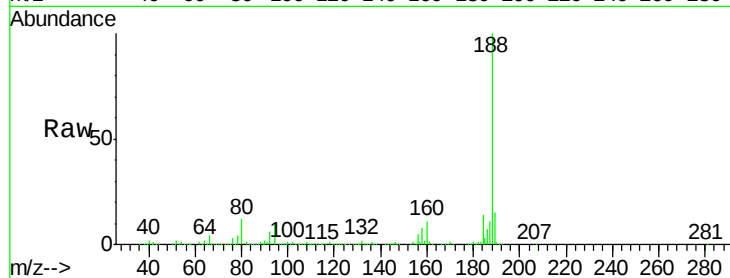
Tgt Ion:188 Resp: 1120892

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

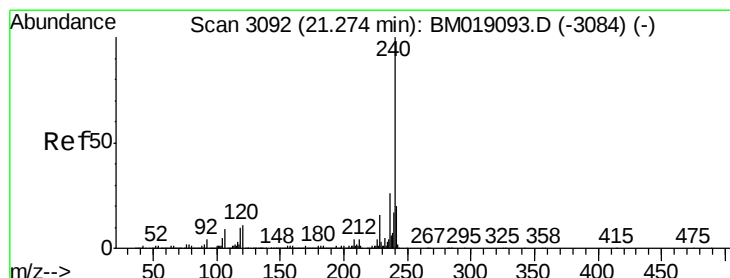
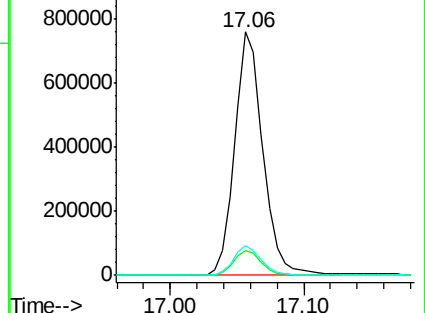
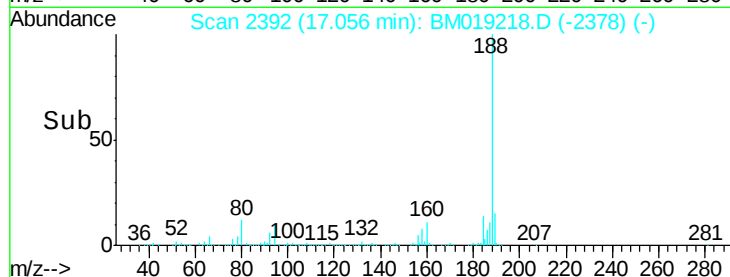
80 12.2 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.02 min

Lab File: BM019218.D

Acq: 18 Mar 2019 16:39

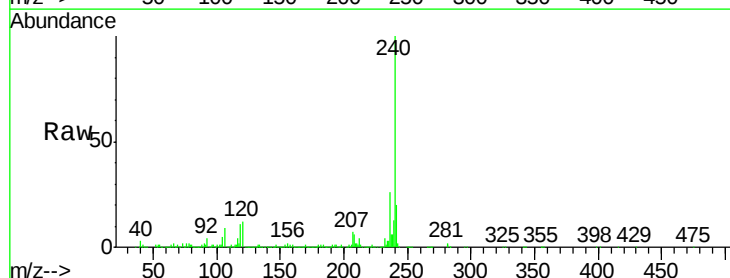
Tgt Ion:240 Resp: 877813

Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

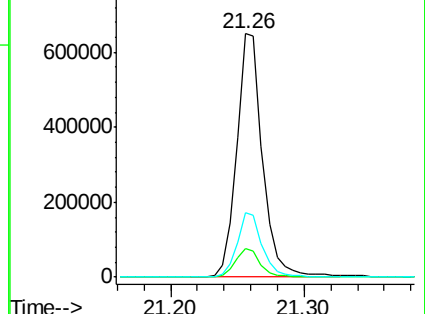
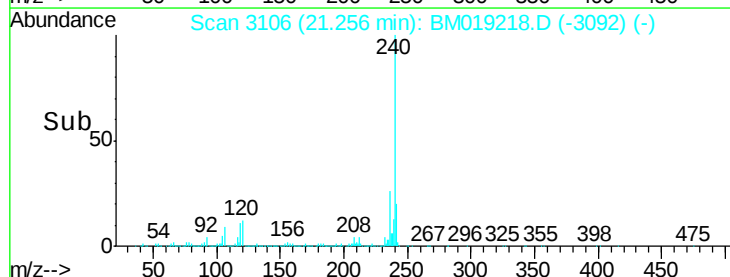
236 26.4 21.0 31.4

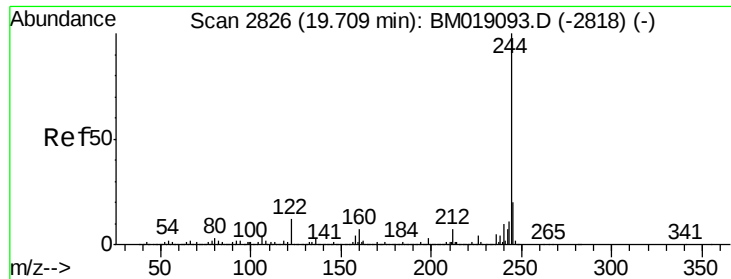


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

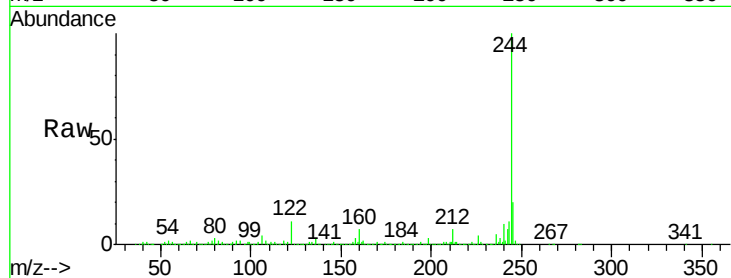




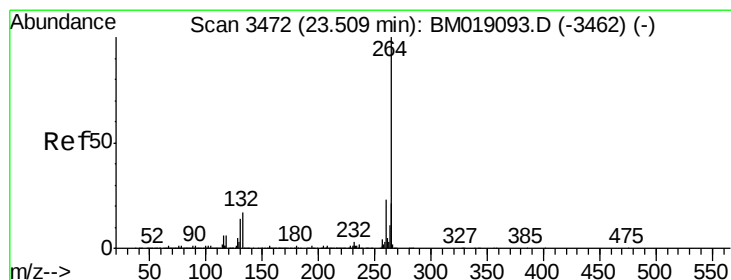
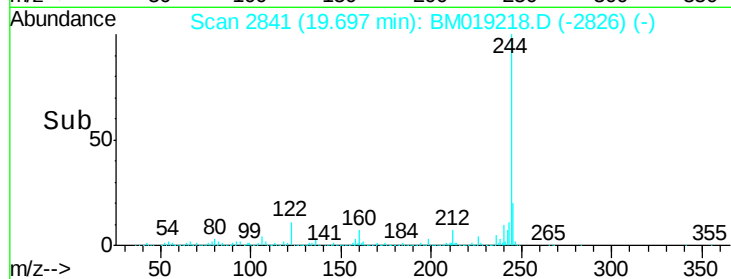
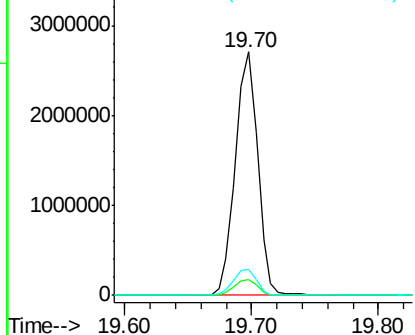
#79
 Terphenyl-d14
 Concen: 75.210 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM019218.D
 Acq: 18 Mar 2019 16:39

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:244 Resp: 3325594
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.8 9.4 14.2

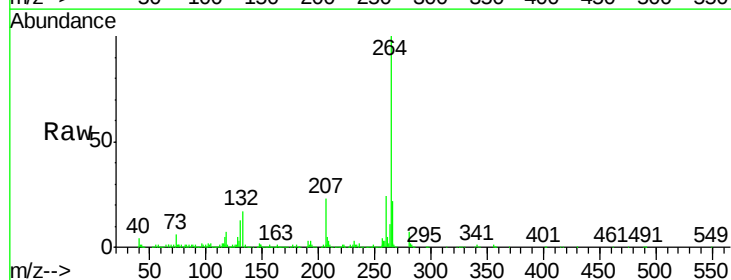


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.49 min Scan# 3486
 Delta R.T. -0.02 min
 Lab File: BM019218.D
 Acq: 18 Mar 2019 16:39

Tgt Ion:264 Resp: 830703
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 22.0 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

