

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
 Data File : BM019172.D
 Acq On : 14 Mar 2019 16:52
 Operator : JU/SJ
 Sample : K1866-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MR-MH-14-COMP

Quant Time: Mar 15 05:21:15 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

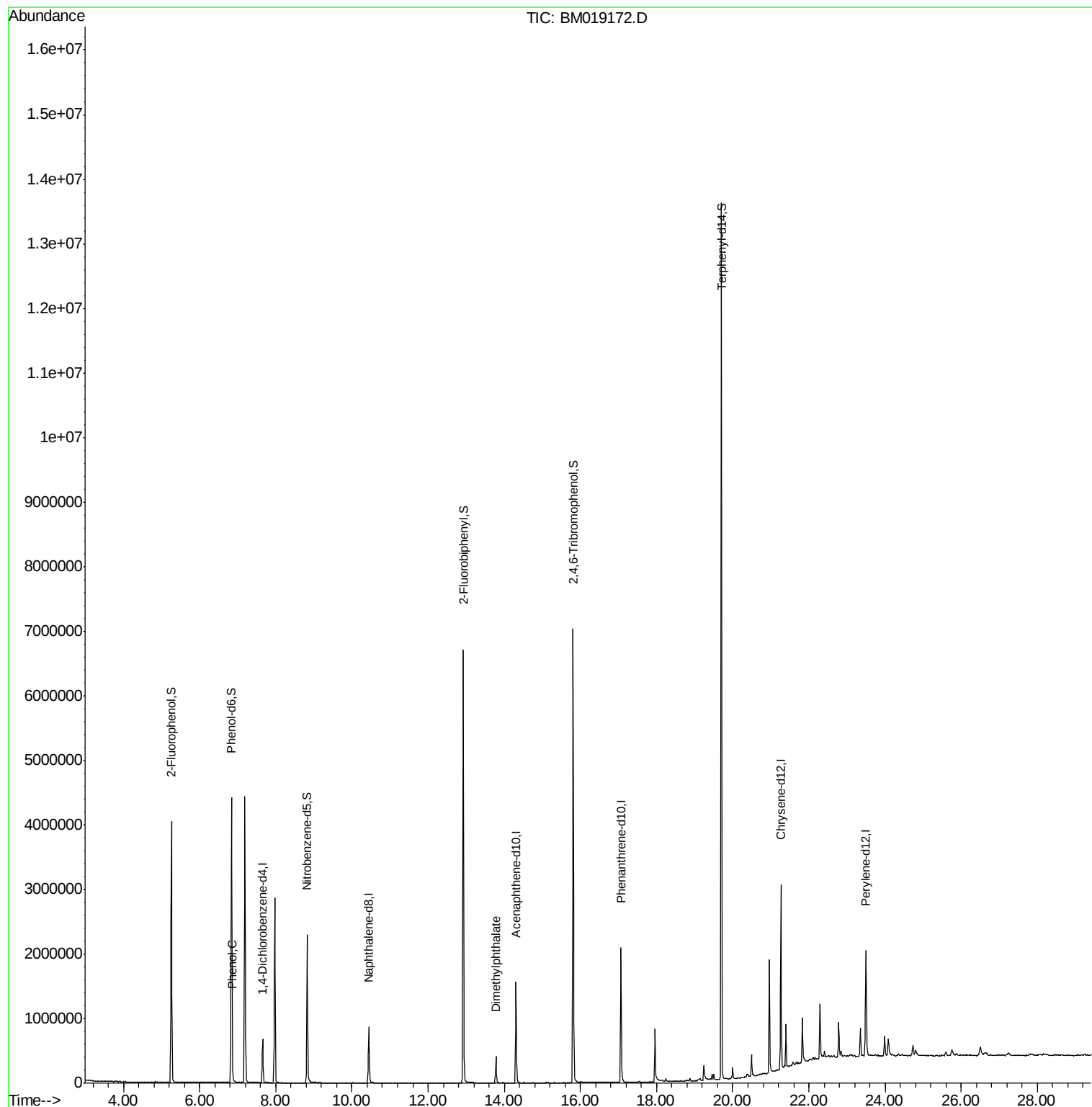
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	178510	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	746720	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	500330	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1216353	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1252093	20.00	ng	-0.01
87) Perylene-d12	23.50	264	1135053	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1689689	153.29	ng	0.00
7) Phenol-d6	6.84	99	2533175	157.12	ng	0.00
23) Nitrobenzene-d5	8.83	82	1523264	96.43	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	1242325	168.17	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3330685	86.59	ng	-0.01
79) Terphenyl-d14	19.70	244	5902249	93.58	ng	0.00
Target Compounds						
10) Phenol	6.86	94	38390	2.209	ng	80
50) Dimethylphthalate	13.78	163	301356	7.041	ng	100

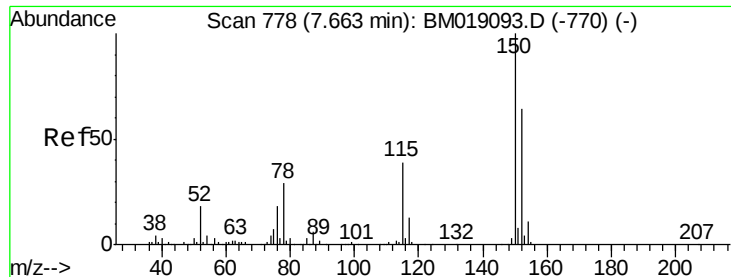
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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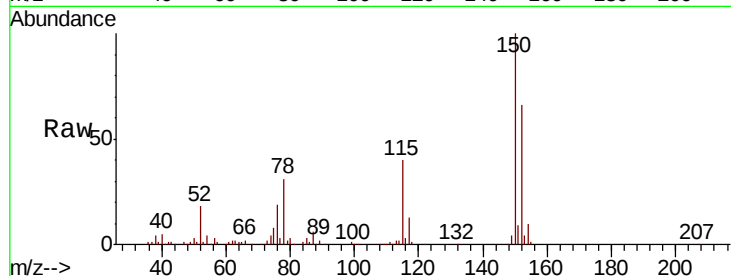


#1

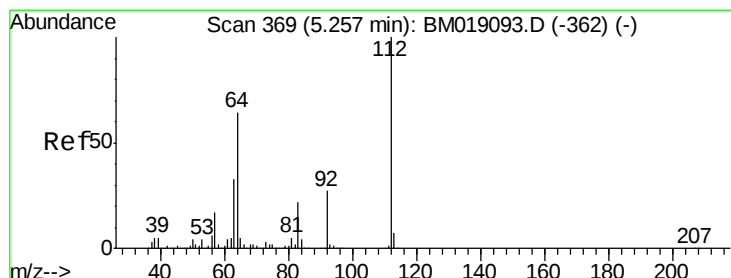
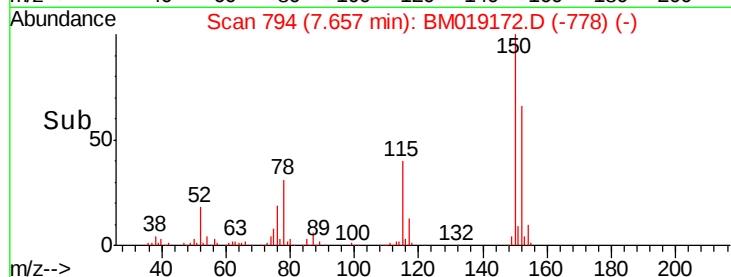
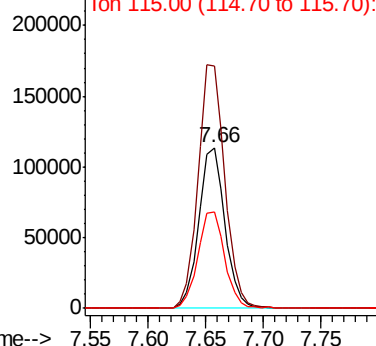
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019172.D
Acq: 14 Mar 2019 16:52

Instrument :
BNA_M
ClientSampleId :
MR-MH-14-COMP

Tot Ion:152 Resp: 178510
Ion Ratio Lower Upper
152 100
150 151.0 125.3 187.9
115 59.8 49.4 74.0



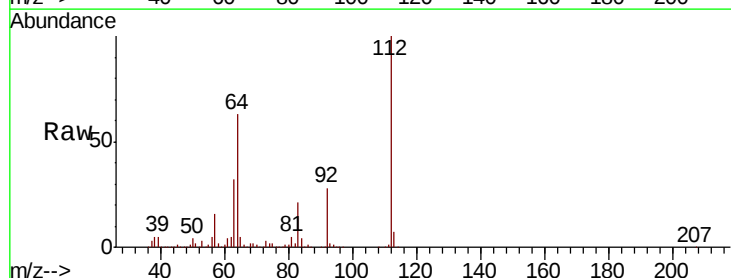
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



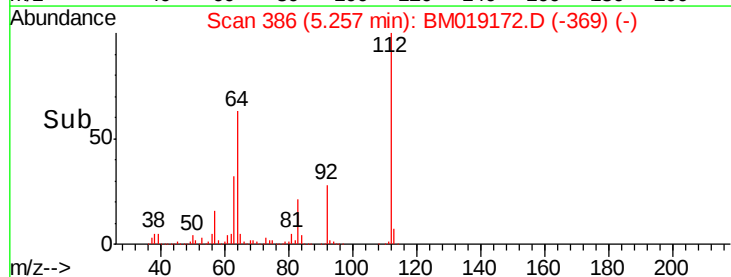
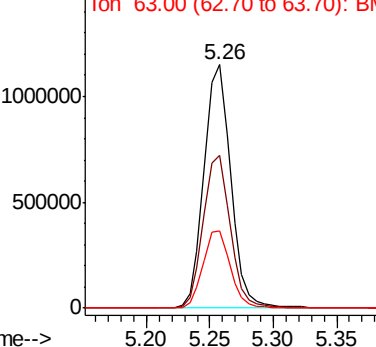
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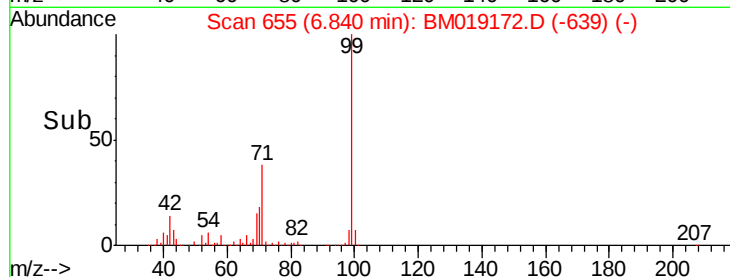
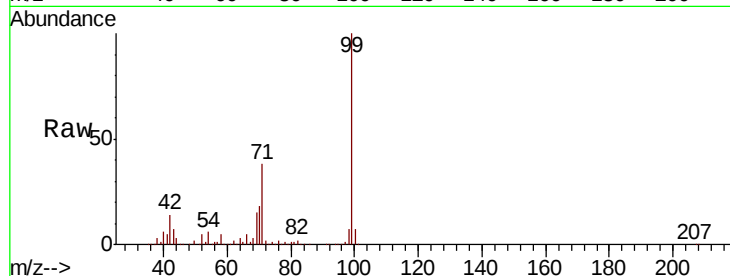
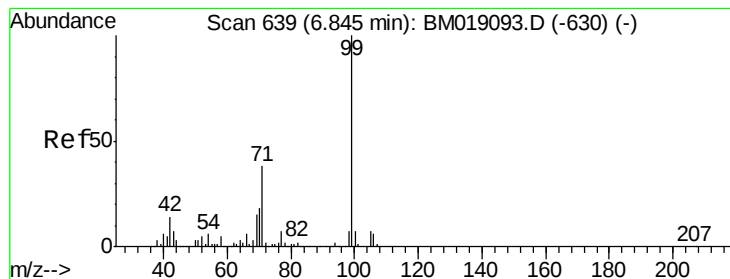
2-Fluorophenol
Concen: 153.292 ng
RT: 5.26 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM019172.D
Acq: 14 Mar 2019 16:52

Tgt Ion:112 Resp: 1689689
Ion Ratio Lower Upper
112 100
64 62.5 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: 157.116 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019172.D

Acq: 14 Mar 2019 16:52

Instrument :

BNA_M

ClientSampleId :

MR-MH-14-COMP

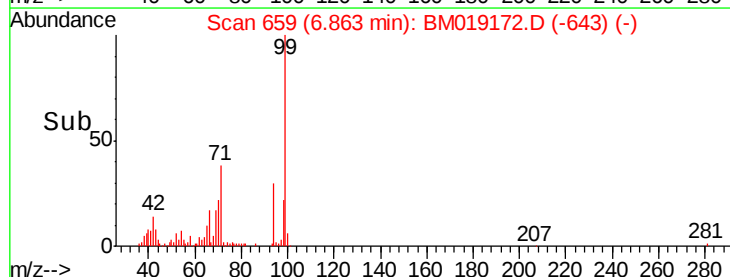
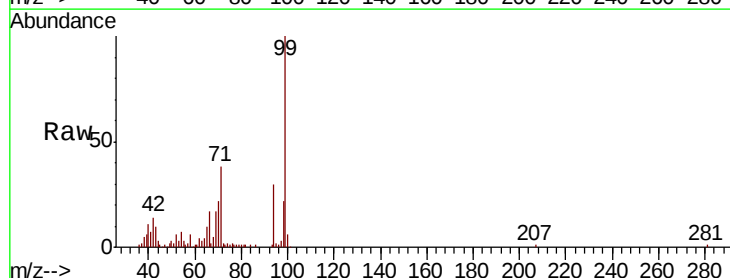
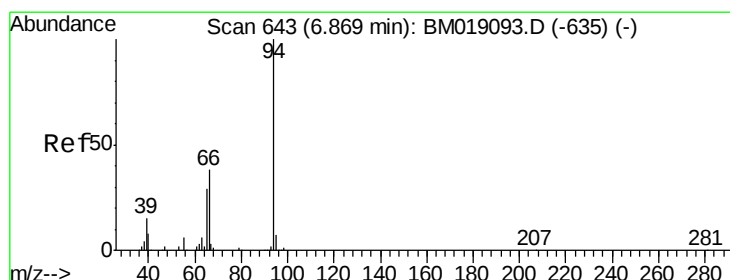
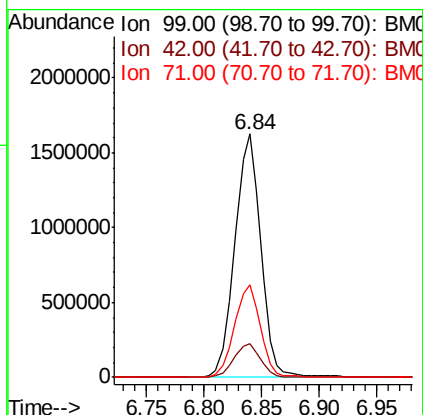
Tot Ion: 99 Resp: 2533175

Ion Ratio Lower Upper

99 100

42 13.7 10.9 16.3

71 38.2 30.3 45.5



#10

Phenol

Concen: 2.209 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM019172.D

Acq: 14 Mar 2019 16:52

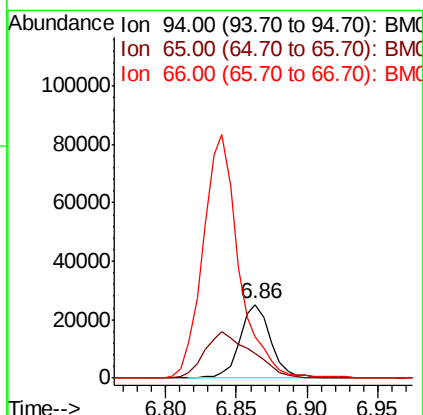
Tgt Ion: 94 Resp: 38390

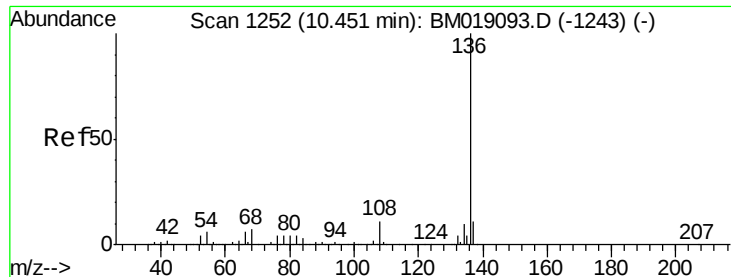
Ion Ratio Lower Upper

94 100

65 34.1 9.7 49.7

66 56.5 19.2 59.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM019172.D

Acq: 14 Mar 2019 16:52

Instrument :

BNA_M

ClientSampleId :

MR-MH-14-COMP

Tot Ion:136 Resp: 746720

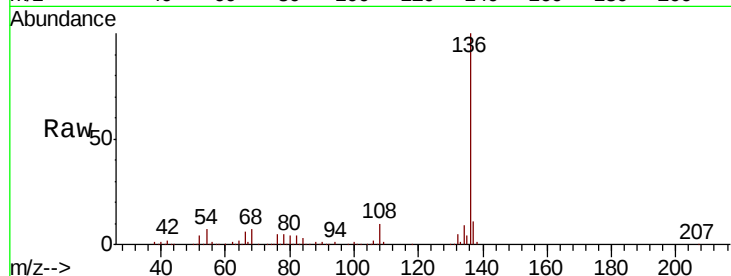
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 6.7 5.2 7.8

68 7.4 5.8 8.8

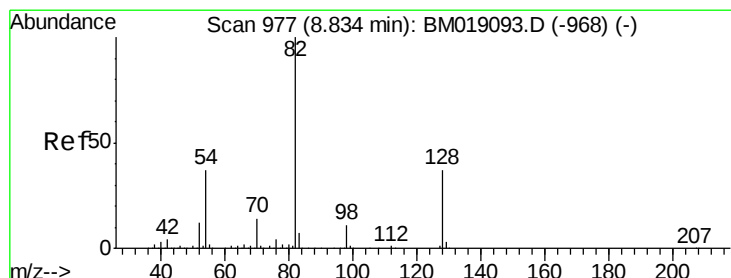
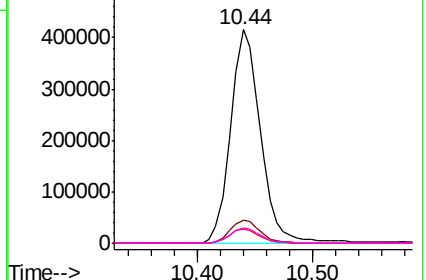
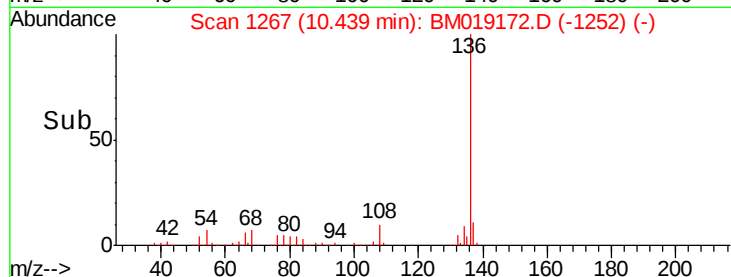


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.428 ng

RT: 8.83 min Scan# 993

Delta R.T. -0.01 min

Lab File: BM019172.D

Acq: 14 Mar 2019 16:52

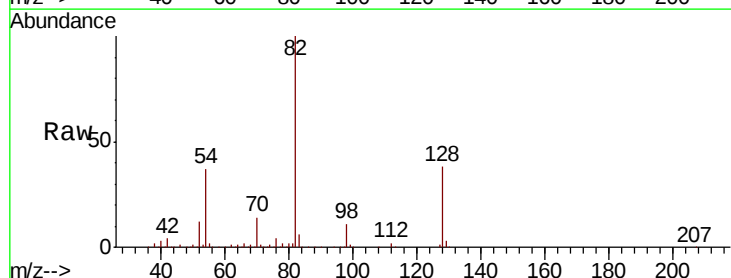
Tgt Ion: 82 Resp: 1523264

Ion Ratio Lower Upper

82 100

128 37.7 29.4 44.2

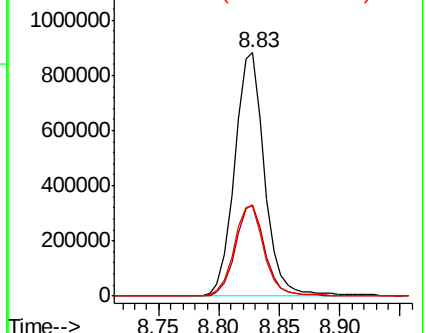
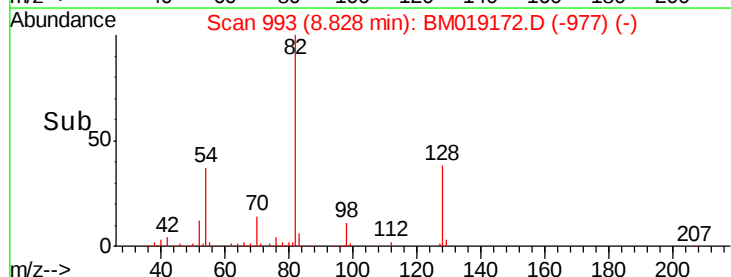
54 36.9 29.9 44.9

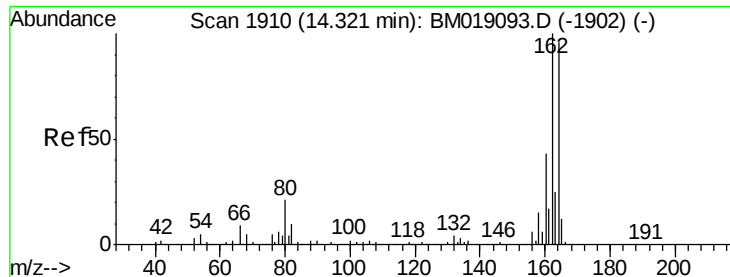


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

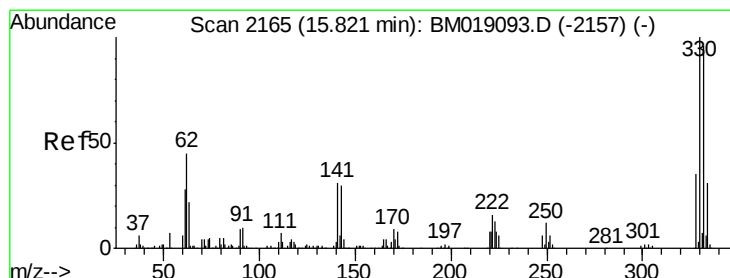
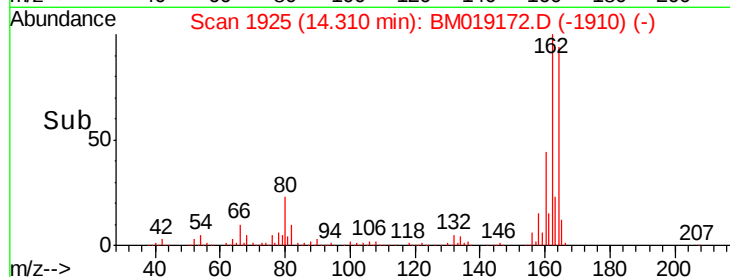
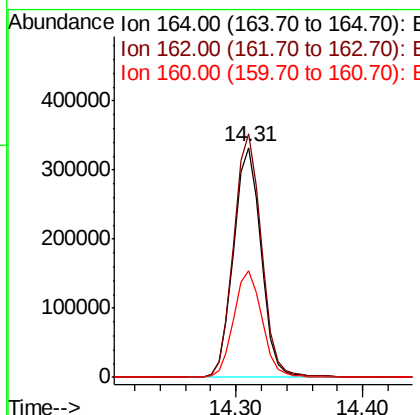
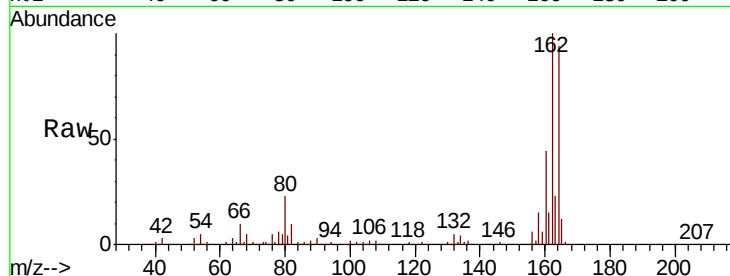




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.31 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BM019172.D
 Acq: 14 Mar 2019 16:52

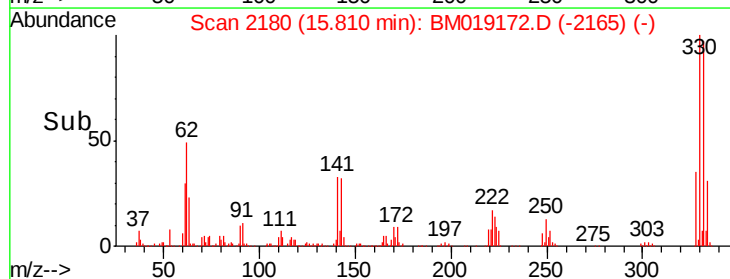
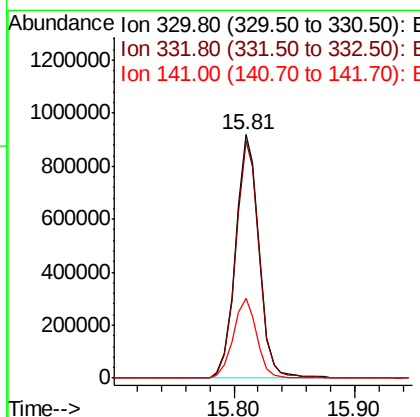
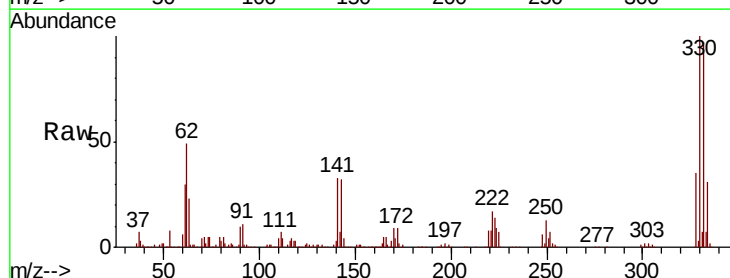
Instrument :
 BNA_M
 ClientSampleId :
 MR-MH-14-COMP

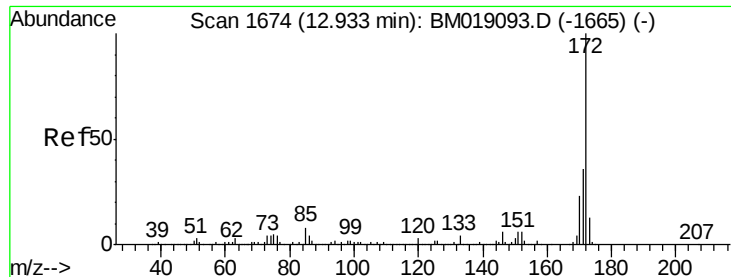
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.5	125.3
160	46.2	36.3	54.5



#42
 2,4,6-Tribromophenol
 Concen: 168.173 ng
 RT: 15.81 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BM019172.D
 Acq: 14 Mar 2019 16:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.8	115.2
141	33.1	27.0	40.4

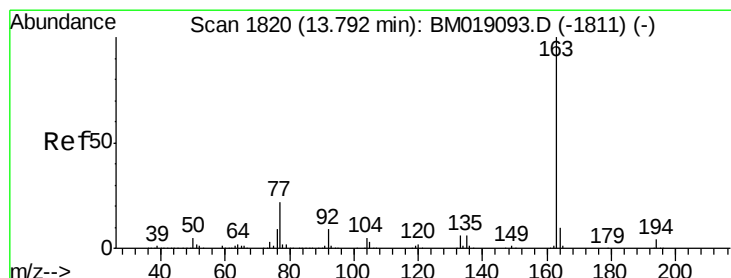
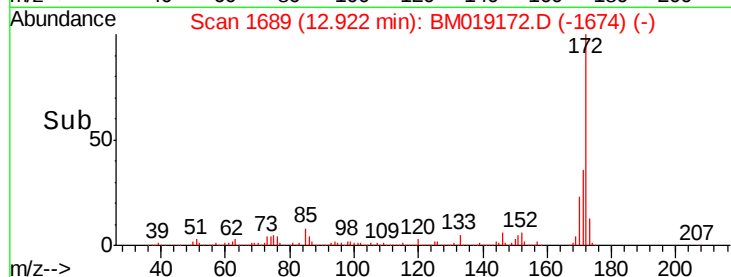
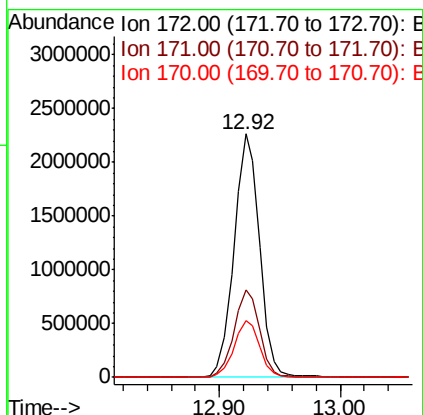
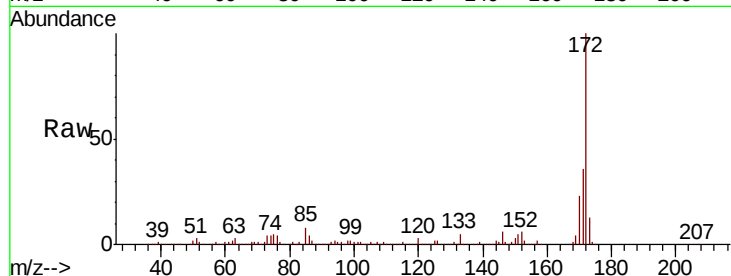




#45
2-Fluorobiphenyl
Concen: 86.591 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM019172.D
Acq: 14 Mar 2019 16:52

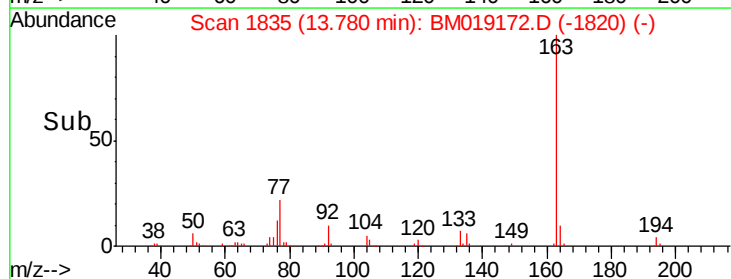
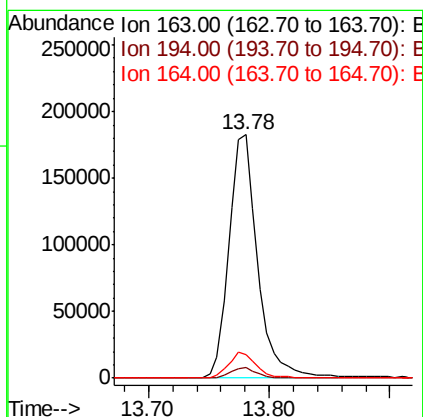
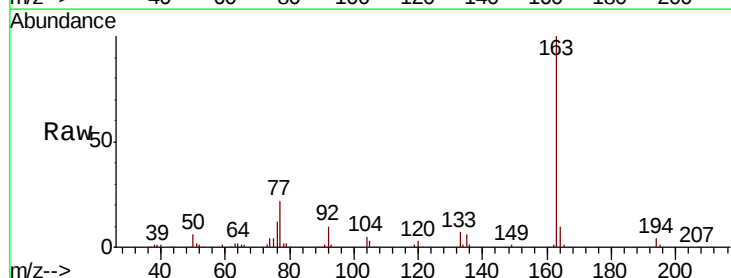
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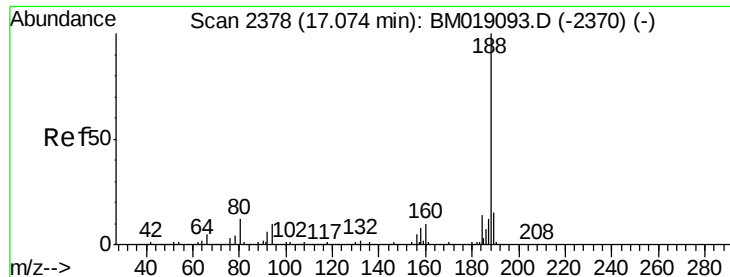
Tot Ion:172 Resp: 3330685
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 23.1 18.6 28.0



#50
Dimethylphthalate
Concen: 7.041 ng
RT: 13.78 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BM019172.D
Acq: 14 Mar 2019 16:52

Tgt Ion:163 Resp: 301356
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.5 7.7 11.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM019172.D

Acq: 14 Mar 2019 16:52

Instrument :

BNA_M

ClientSampleId :

MR-MH-14-COMP

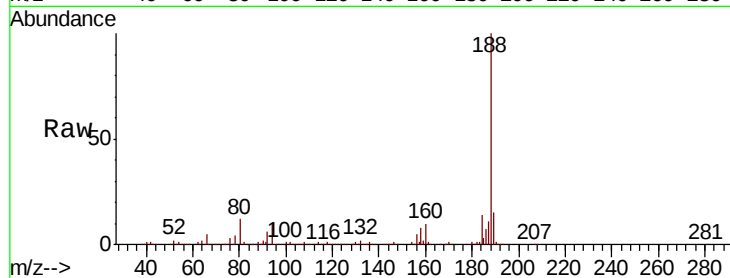
Tot Ion:188 Resp: 1216353

Ion Ratio Lower Upper

188 100

94 10.4 8.1 12.1

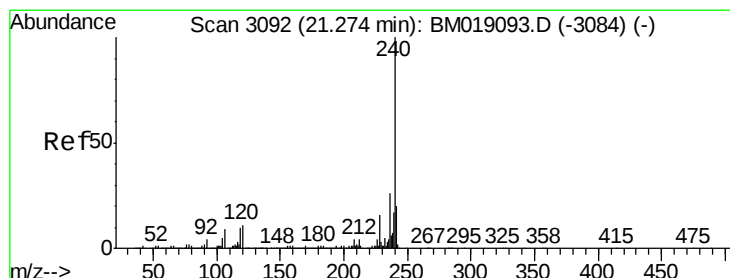
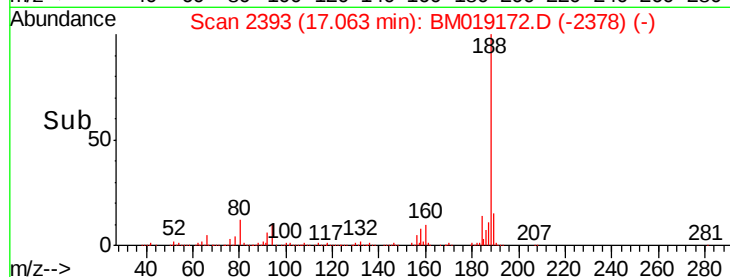
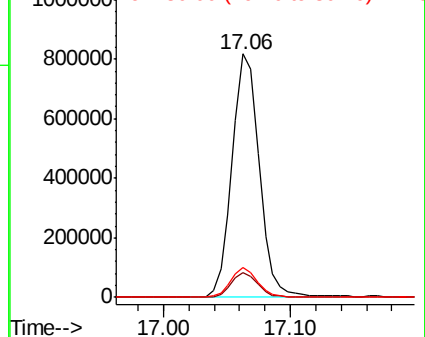
80 12.3 9.7 14.5



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: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM019172.D

Acq: 14 Mar 2019 16:52

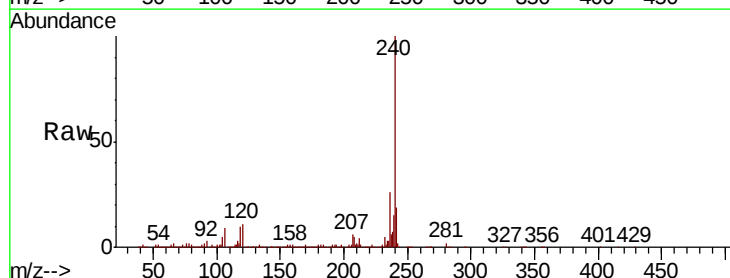
Tgt Ion:240 Resp: 1252093

Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

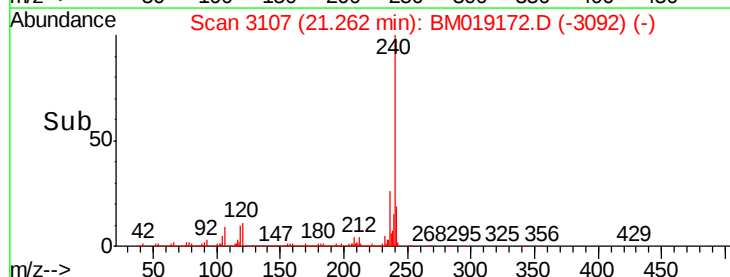
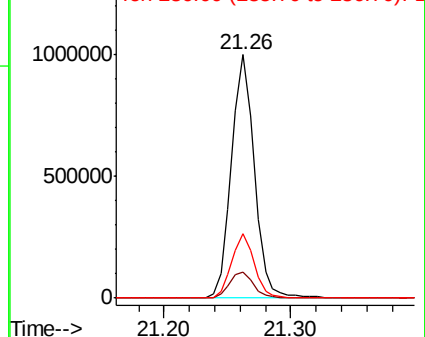
236 26.3 21.0 31.4

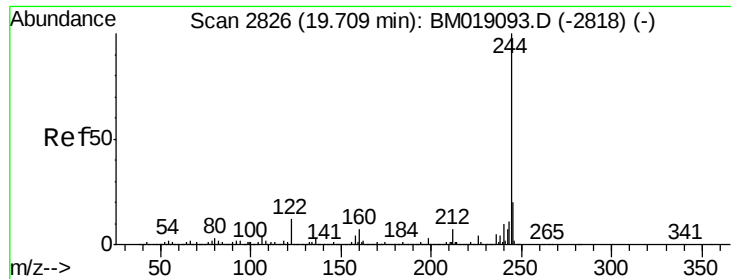


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.581 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM019172.D

Acq: 14 Mar 2019 16:52

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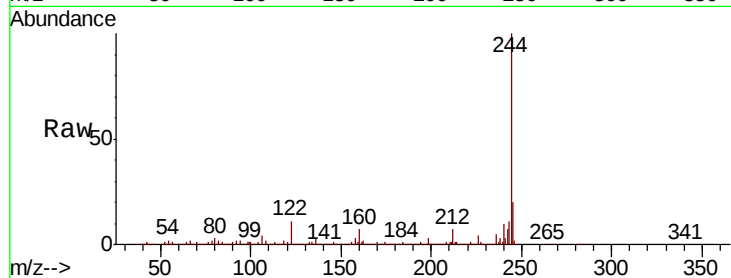
Tot Ion:244 Resp: 5902249

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

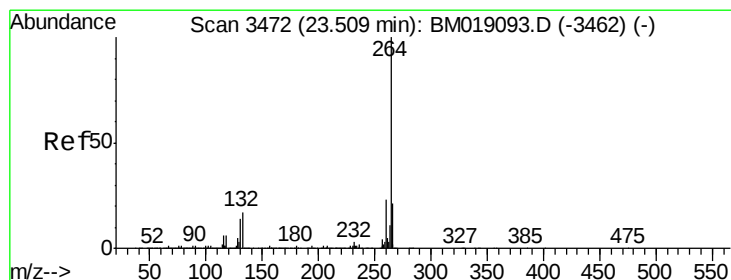
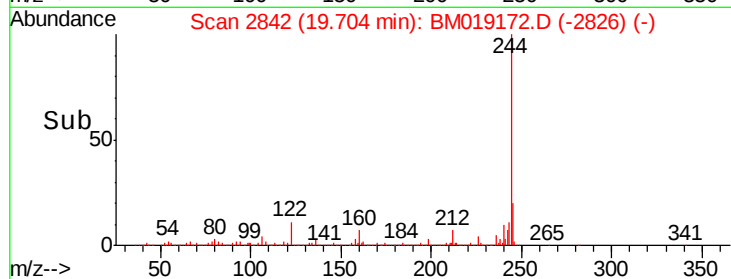
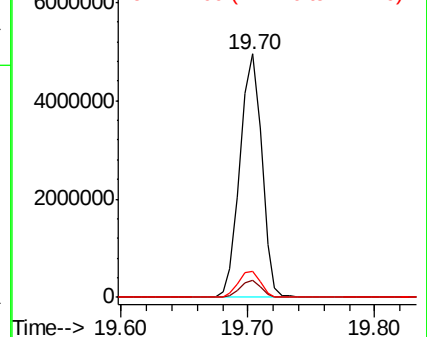
122 10.9 9.4 14.2



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: 23.50 min Scan# 3487

Delta R.T. -0.01 min

Lab File: BM019172.D

Acq: 14 Mar 2019 16:52

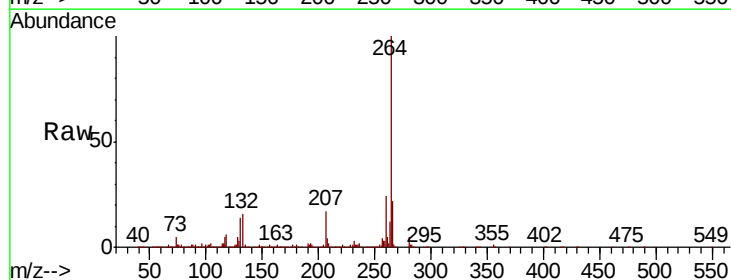
Tgt Ion:264 Resp: 1135053

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 21.7 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

