

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM013019\
 Data File : BM018700.D
 Acq On : 30 Jan 2019 18:26
 Operator : JU/SJ
 Sample : K1268-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 012819-DBRI-F-D-M

Quant Time: Jan 31 06:37:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

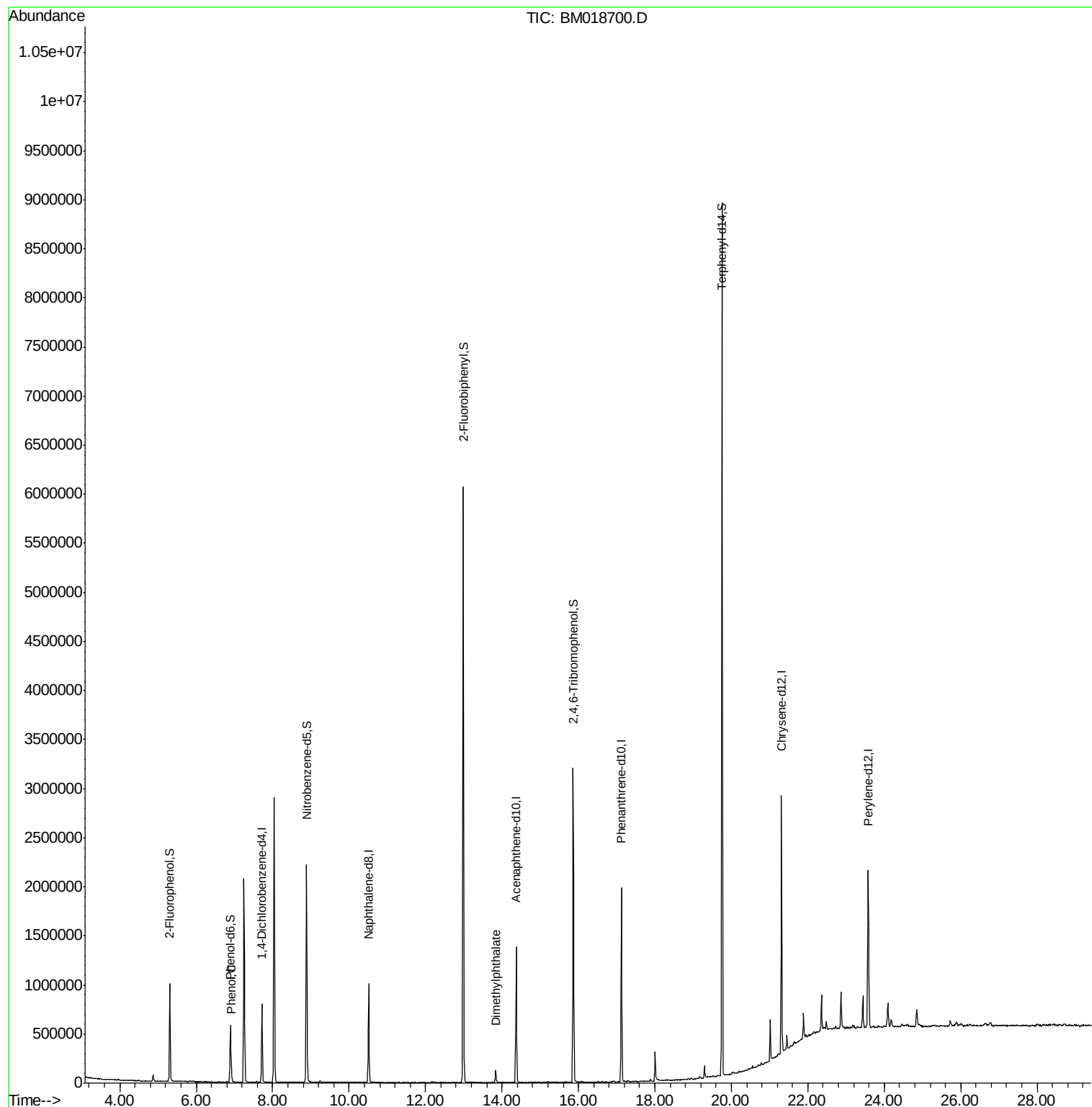
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	218977	20.00	ng	-0.02
21) Naphthalene-d8	10.51	136	835881	20.00	ng	-0.02
39) Acenaphthene-d10	14.37	164	467958	20.00	ng	-0.02
64) Phenanthrene-d10	17.12	188	1092417	20.00	ng	-0.02
76) Chrysene-d12	21.32	240	1138802	20.00	ng	-0.02
87) Perylene-d12	23.58	264	1140867	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	422015	35.59	ng	-0.02
7) Phenol-d6	6.89	99	316354	21.00	ng	-0.02
23) Nitrobenzene-d5	8.89	82	1239860	85.99	ng	-0.02
42) 2,4,6-Tribromophenol	15.87	330	568197	95.36	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	3109036	86.69	ng	-0.02
79) Terphenyl-d14	19.76	244	4073620	75.41	ng	-0.01
Target Compounds						
10) Phenol	6.92	94	92338	6.033	ng	99
50) Dimethylphthalate	13.83	163	84490	2.198	ng	99

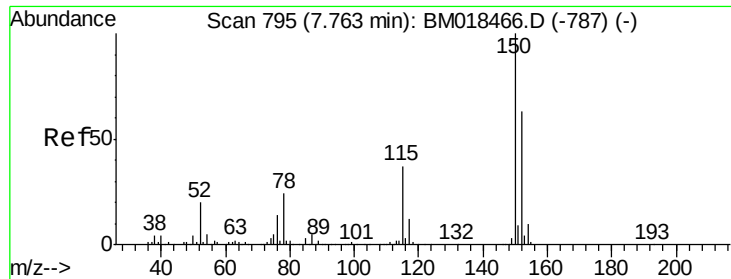
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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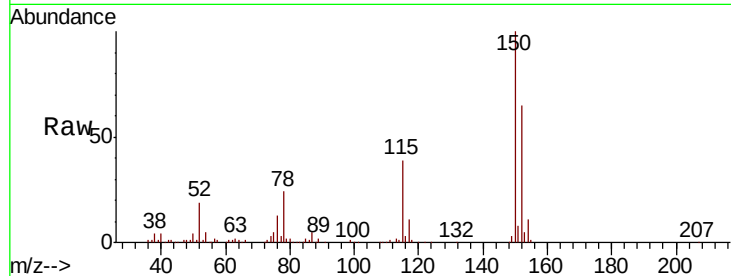


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018700.D
Acq: 30 Jan 2019 18:26

Instrument :
BNA_M
ClientSampleId :
012819-DBRI-F-D-M

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.9	190.3
115	60.1	45.5	68.3

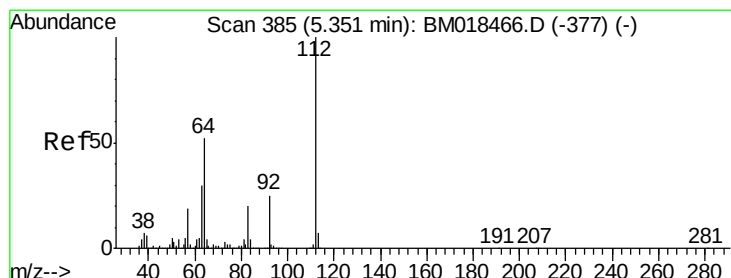
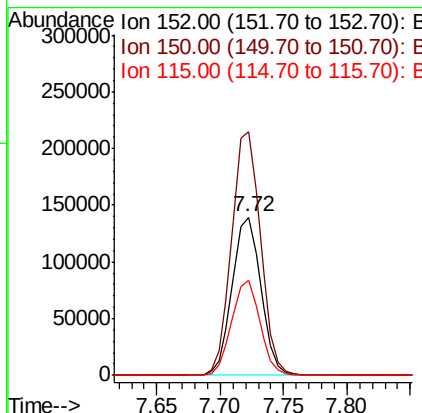
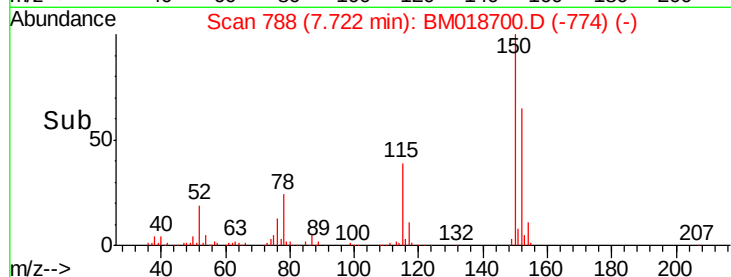


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

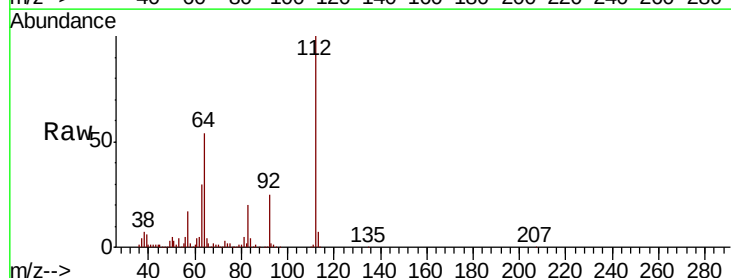
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 35.586 ng
RT: 5.31 min Scan# 378
Delta R.T. -0.02 min
Lab File: BM018700.D
Acq: 30 Jan 2019 18:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.5	69.7
63	29.9	25.2	37.8

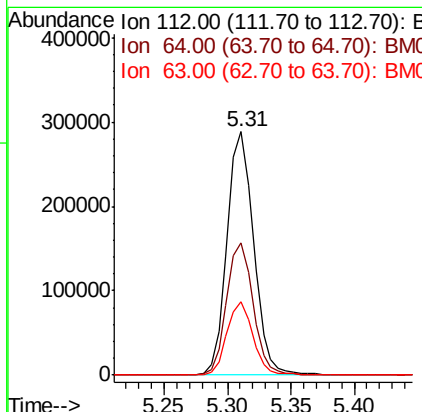
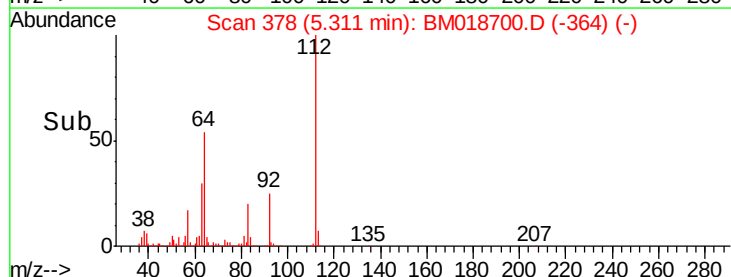


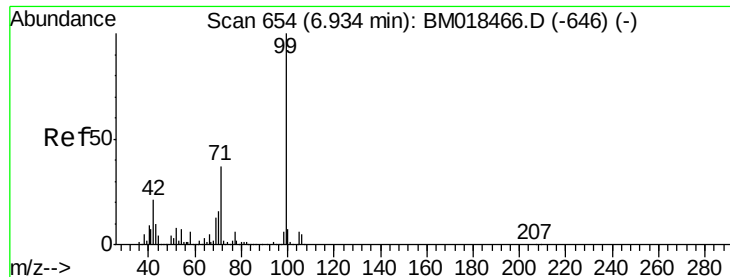
Abundance

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: 21.003 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018700.D

Acq: 30 Jan 2019 18:26

Instrument :

BNA_M

ClientSampleId :

012819-DBRI-F-D-M

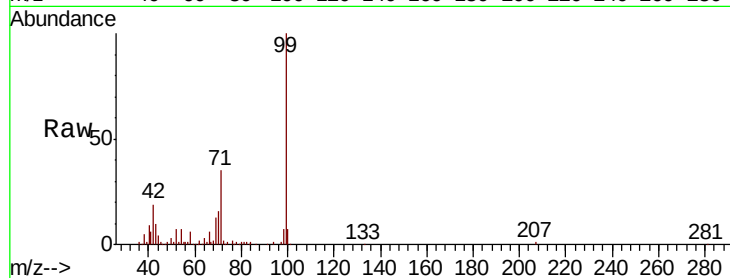
Tgt Ion: 99 Resp: 316354

Ion Ratio Lower Upper

99 100

42 19.3 17.3 25.9

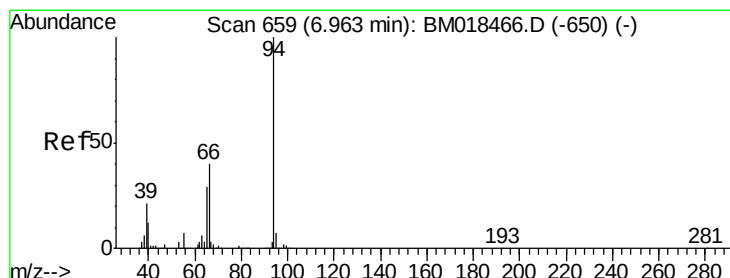
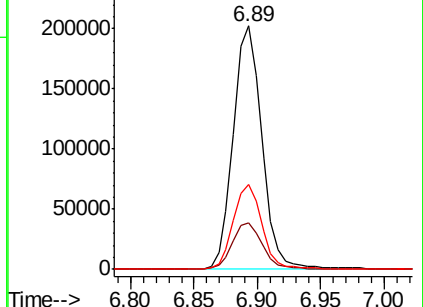
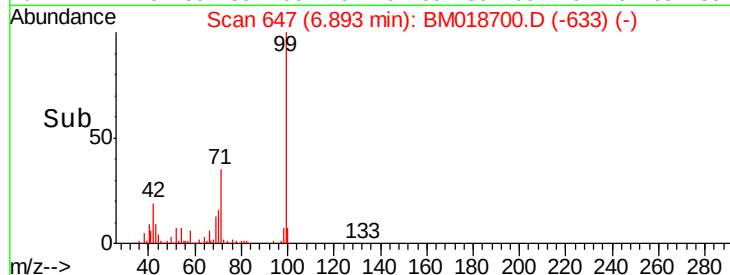
71 34.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018700.D (-633) (-)

Ion 42.00 (41.70 to 42.70): BM018700.D (-633) (-)

Ion 71.00 (70.70 to 71.70): BM018700.D (-633) (-)



#10

Phenol

Concen: 6.033 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM018700.D

Acq: 30 Jan 2019 18:26

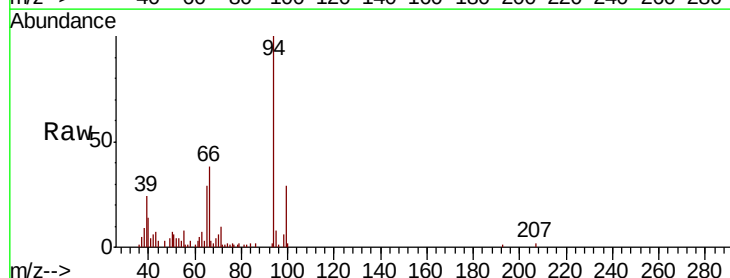
Tgt Ion: 94 Resp: 92338

Ion Ratio Lower Upper

94 100

65 29.0 9.4 49.4

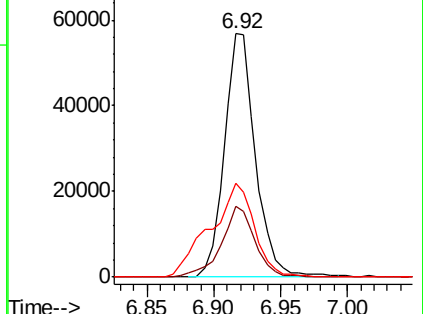
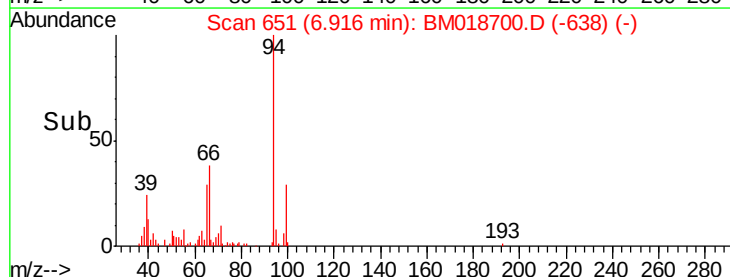
66 38.5 19.1 59.1

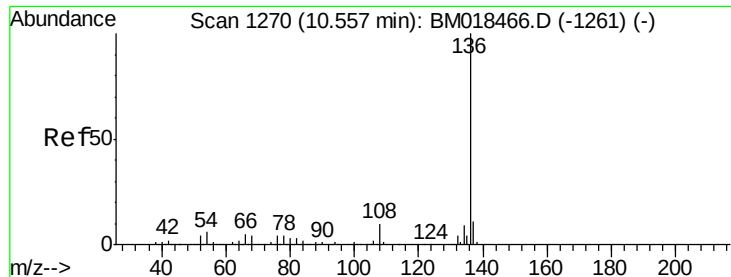


Abundance Ion 94.00 (93.70 to 94.70): BM018700.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM018700.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM018700.D (-638) (-)

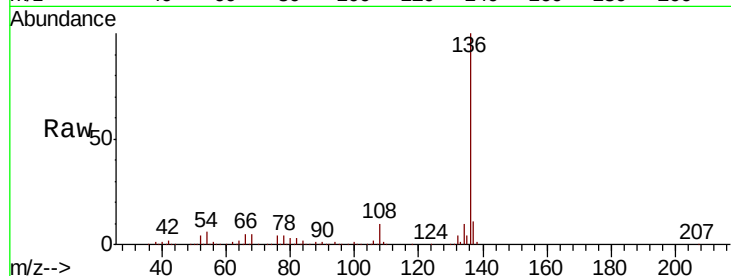




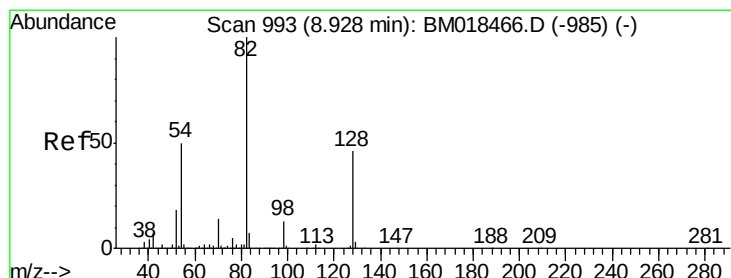
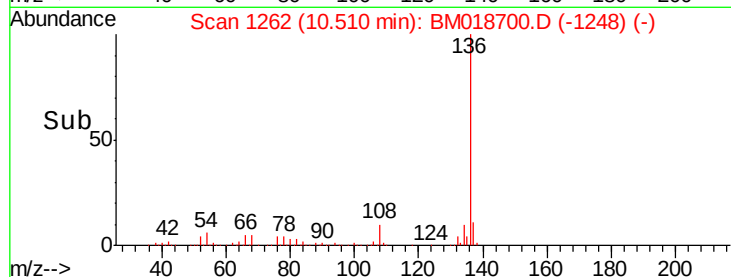
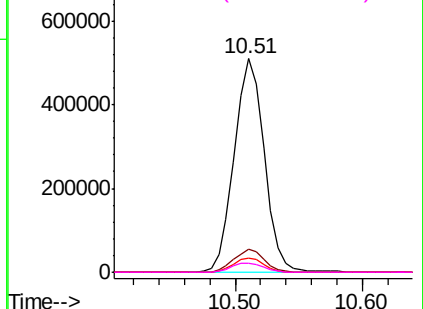
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BM018700.D
Acq: 30 Jan 2019 18:26

Instrument :
BNA_M
ClientSampleId :
012819-DBRI-F-D-M

Tgt Ion:	136	Resp:	835881
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.4	6.0	9.0
68	4.5	4.5	6.7

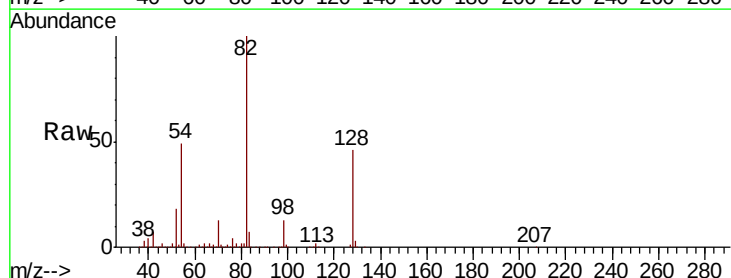


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

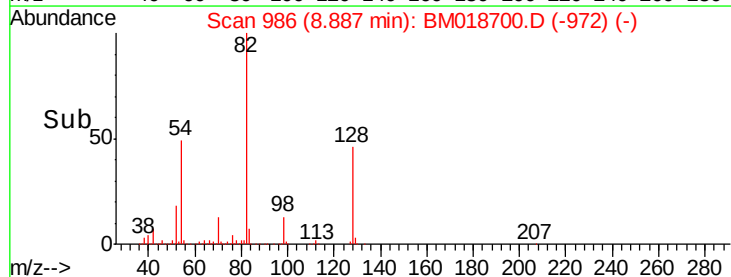
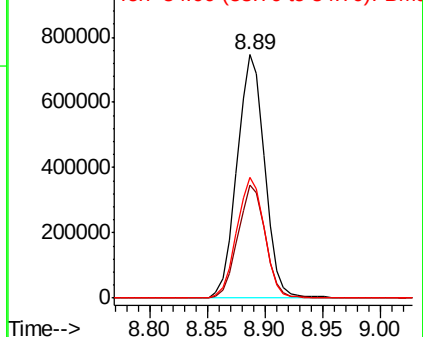


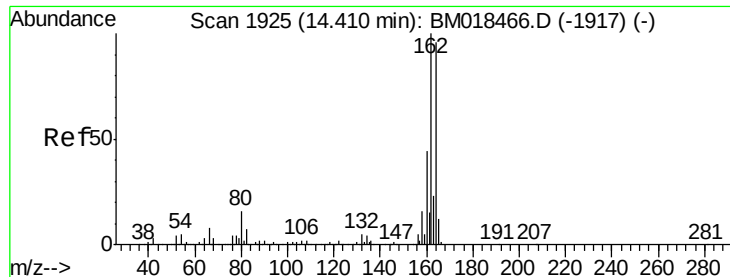
#23
Nitrobenzene-d5
Concen: 85.988 ng
RT: 8.89 min Scan# 986
Delta R.T. -0.02 min
Lab File: BM018700.D
Acq: 30 Jan 2019 18:26

Tgt Ion:	82	Resp:	1239860
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.3	54.5
54	49.5	41.7	62.5



Abundance Ion 82.00 (81.70 to 82.70): BM
1000000
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: 14.37 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BM018700.D

Acq: 30 Jan 2019 18:26

Instrument :

BNA_M

ClientSampleId :

012819-DBRI-F-D-M

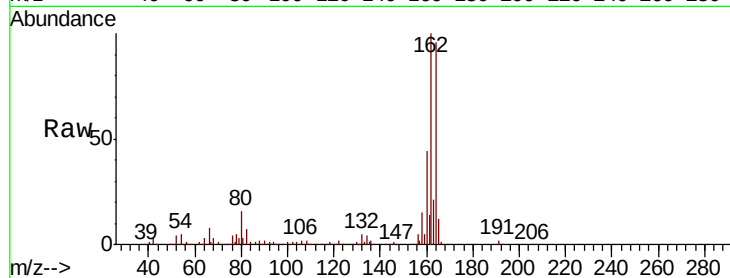
Tgt Ion:164 Resp: 467958

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.4

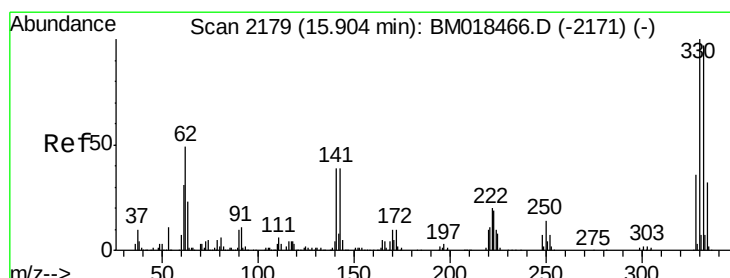
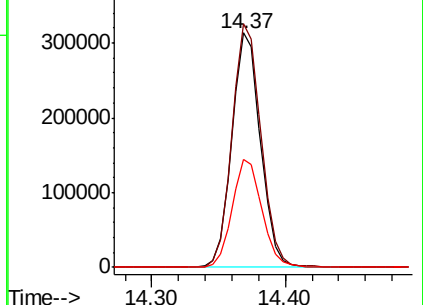
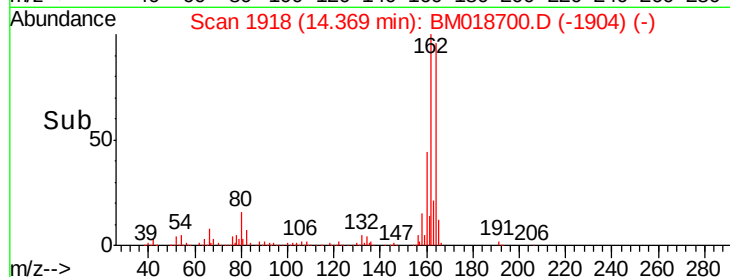
160 46.0 37.1 55.7



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: 95.360 ng

RT: 15.87 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BM018700.D

Acq: 30 Jan 2019 18:26

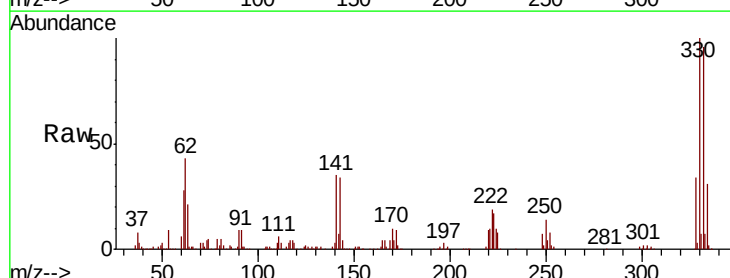
Tgt Ion:330 Resp: 568197

Ion Ratio Lower Upper

330 100

332 96.1 77.6 116.4

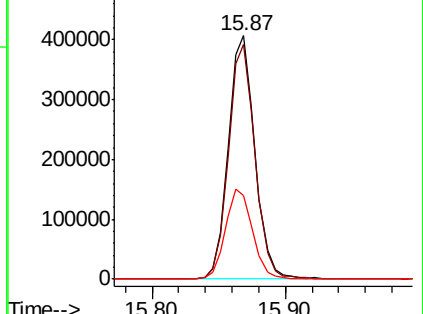
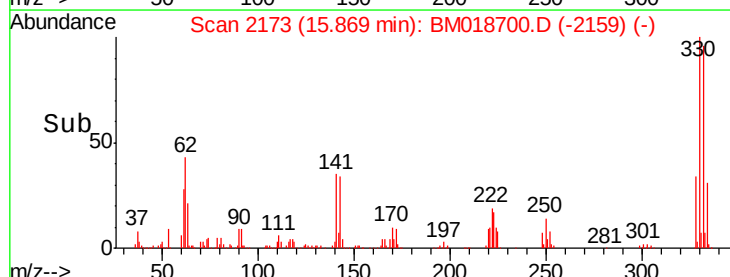
141 37.9 31.7 47.5

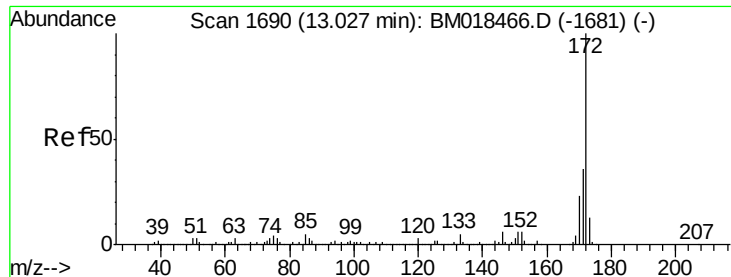


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

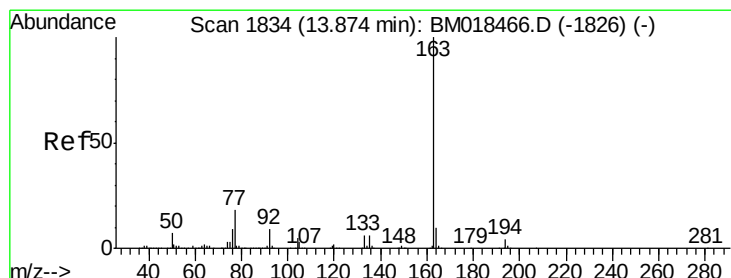
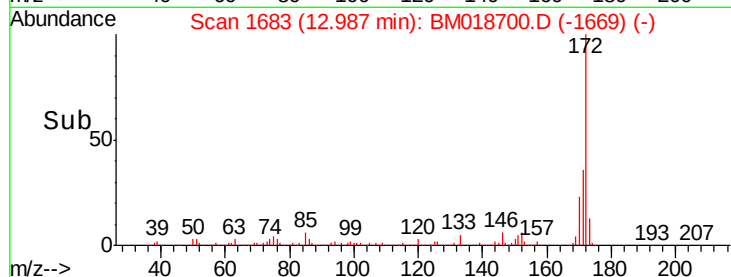
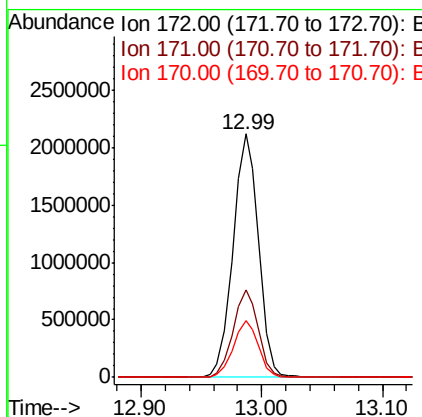
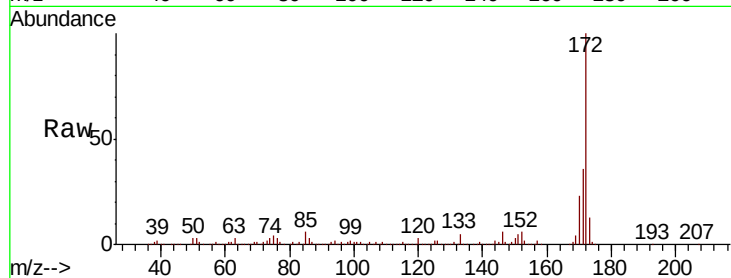




#45
 2-Fluorobiphenyl
 Concen: 86.693 ng
 RT: 12.99 min Scan# 1683
 Delta R.T. -0.02 min
 Lab File: BM018700.D
 Acq: 30 Jan 2019 18:26

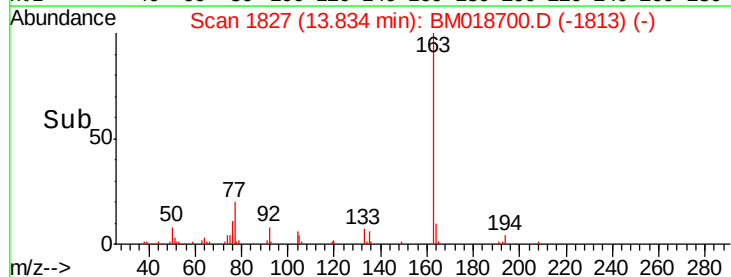
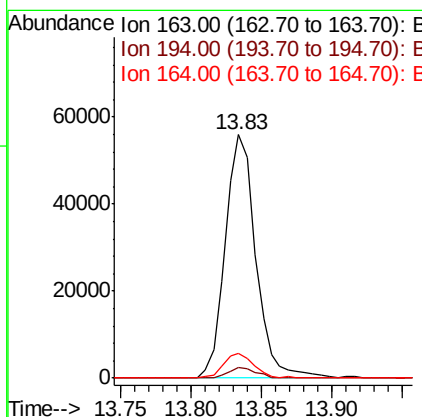
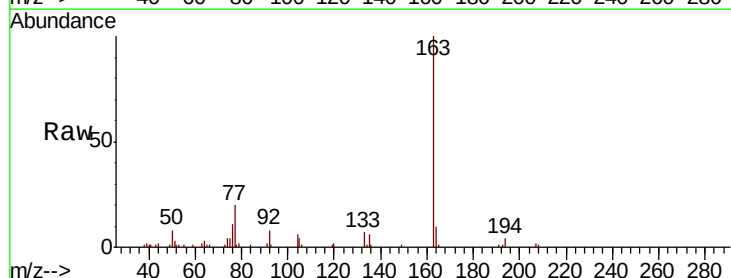
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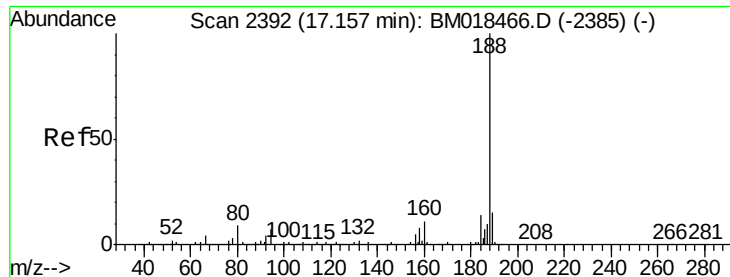
Tgt Ion:172 Resp: 3109036
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.2 42.4
 170 23.2 18.9 28.3



#50
 Dimethylphthalate
 Concen: 2.198 ng
 RT: 13.83 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BM018700.D
 Acq: 30 Jan 2019 18:26

Tgt Ion:163 Resp: 84490
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.0 4.6
 164 10.3 7.8 11.8

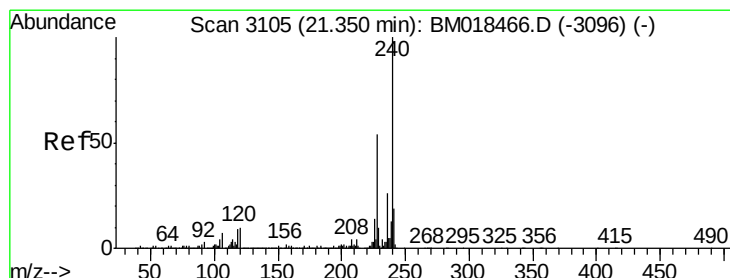
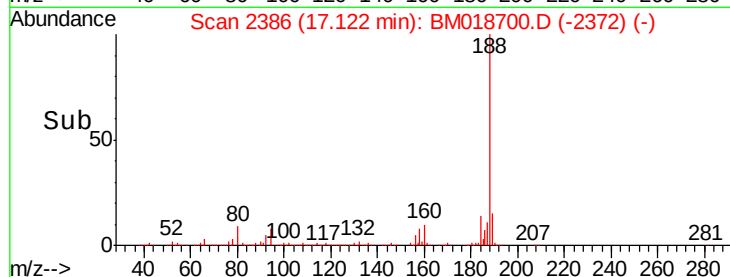
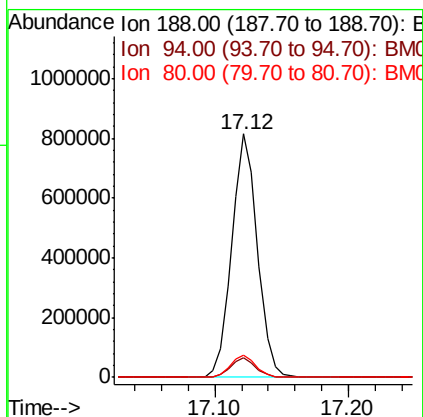
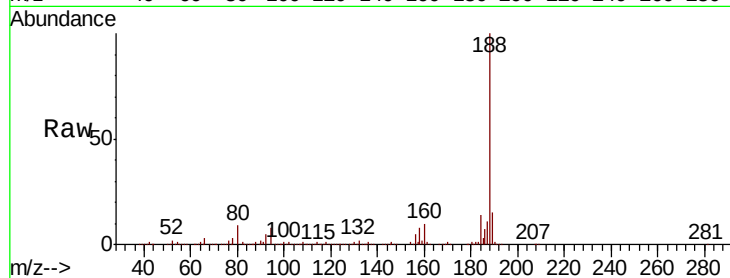




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM018700.D
Acq: 30 Jan 2019 18:26

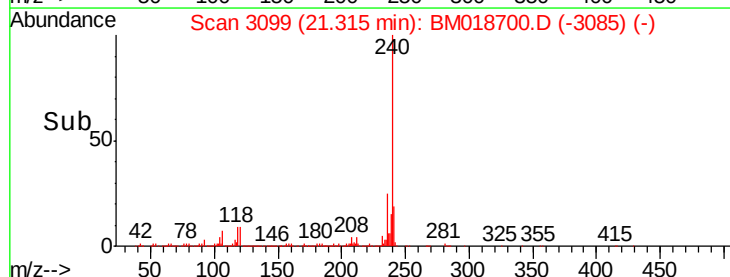
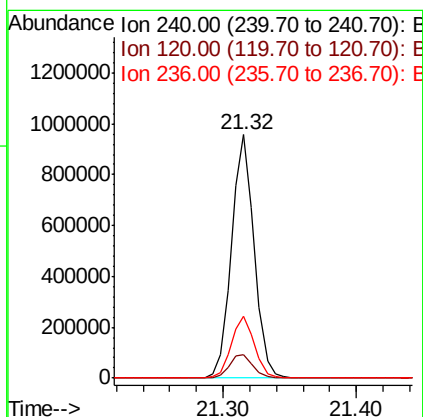
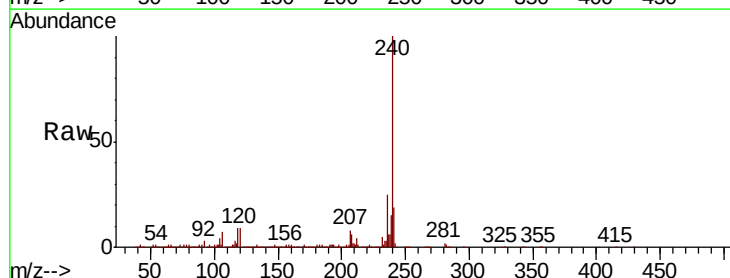
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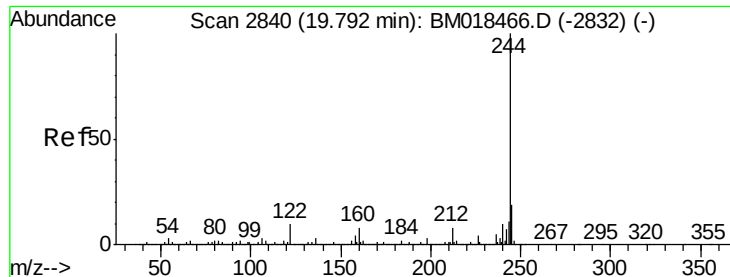
Tgt Ion:188 Resp: 1092417
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 9.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.02 min
Lab File: BM018700.D
Acq: 30 Jan 2019 18:26

Tgt Ion:240 Resp: 1138802
Ion Ratio Lower Upper
240 100
120 9.4 8.4 12.6
236 25.5 20.7 31.1





#79

Terphenyl-d14

Concen: 75.407 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM018700.D

Acq: 30 Jan 2019 18:26

Instrument :

BNA_M

ClientSampleId :

012819-DBRI-F-D-M

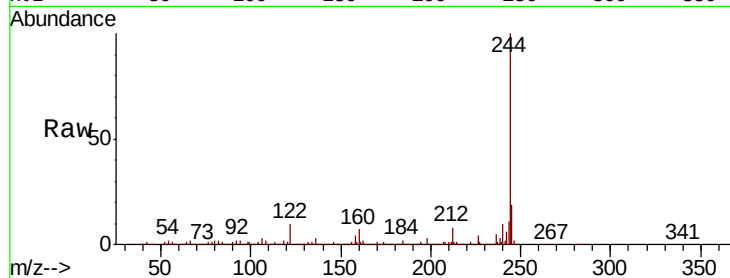
Tgt Ion:244 Resp: 4073620

Ion Ratio Lower Upper

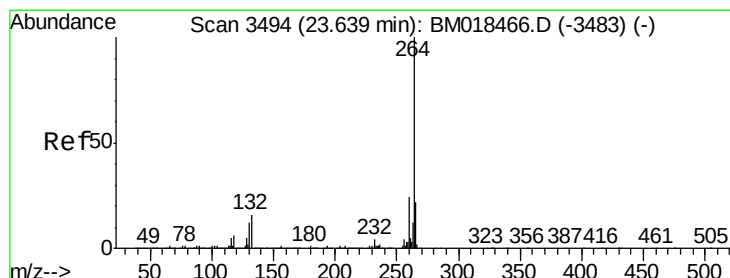
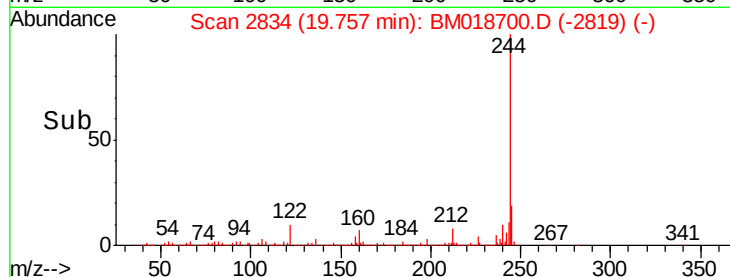
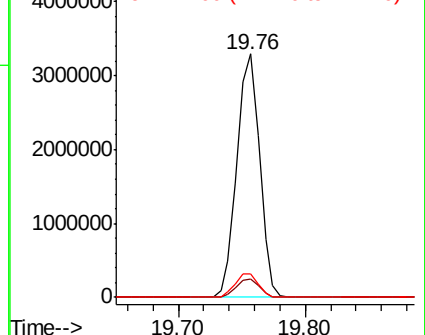
244 100

212 7.6 5.9 8.9

122 9.5 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

Perylene-d12

Concen: 20.000 ng

RT: 23.58 min Scan# 3484

Delta R.T. -0.02 min

Lab File: BM018700.D

Acq: 30 Jan 2019 18:26

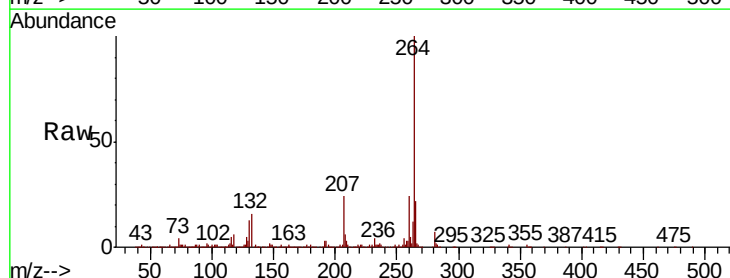
Tgt Ion:264 Resp: 1140867

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 21.8 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

