

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021919\
 Data File : BM018860.D
 Acq On : 19 Feb 2019 17:11
 Operator : JU/SJ
 Sample : K1515-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TS-7

Quant Time: Feb 19 23:44:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

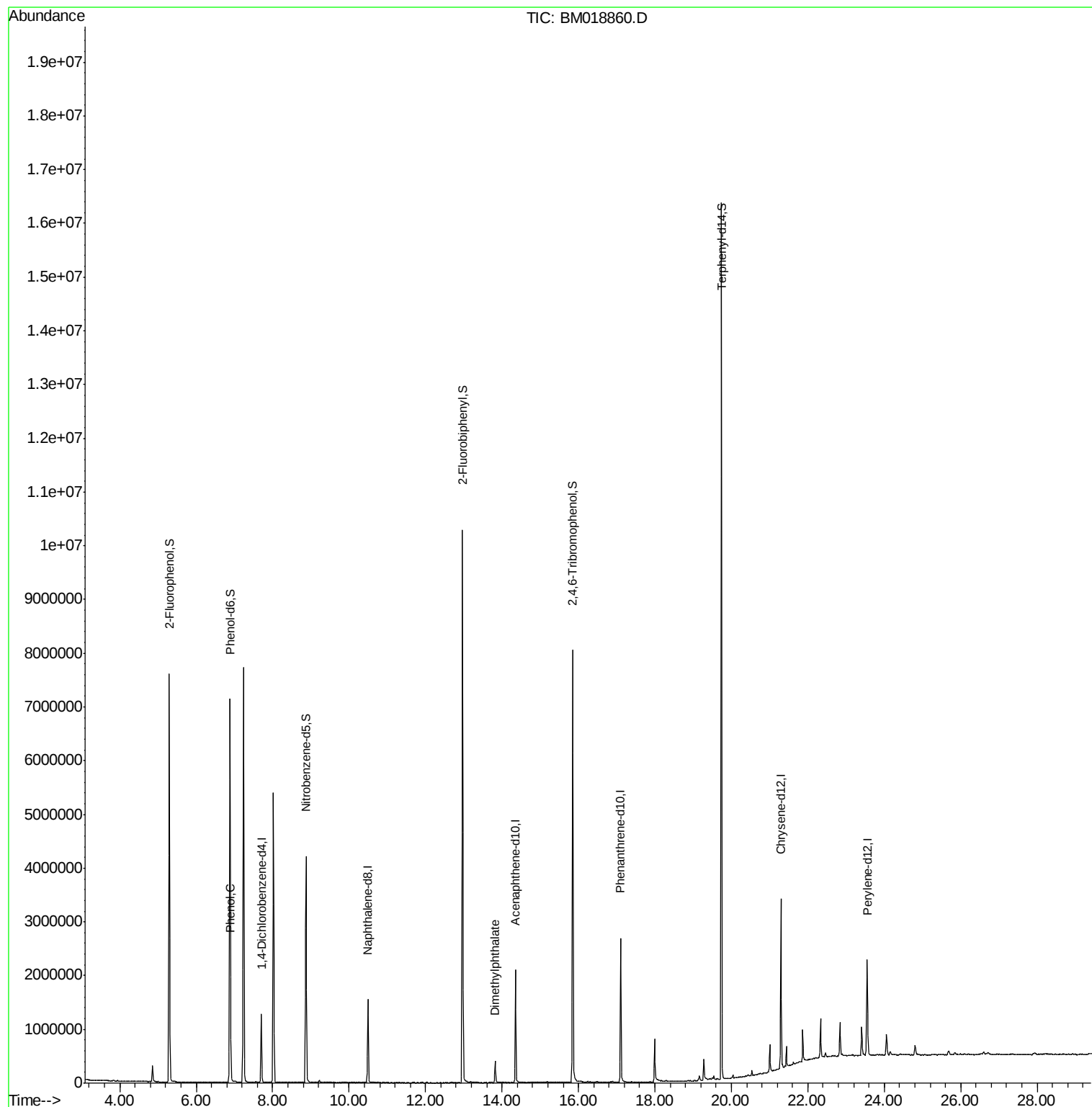
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	311671	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1248853	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	667483	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1448460	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1306262	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1183827	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2980726	156.70	ng	0.00
7) Phenol-d6	6.88	99	4071818	151.95	ng	0.00
23) Nitrobenzene-d5	8.87	82	2663353	98.61	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	1386725	144.13	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	4880585	97.06	ng	-0.01
79) Terphenyl-d14	19.74	244	6795240	107.31	ng	0.00
Target Compounds						
9) Benzaldehyde	6.88	77	10362	Below Cal		Qvalue # 11
10) Phenol	6.90	94	128263	4.549 ng		86
50) Dimethylphthalate	13.82	163	274627	4.937 ng		99

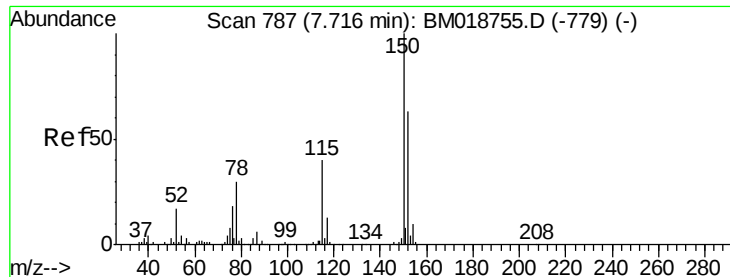
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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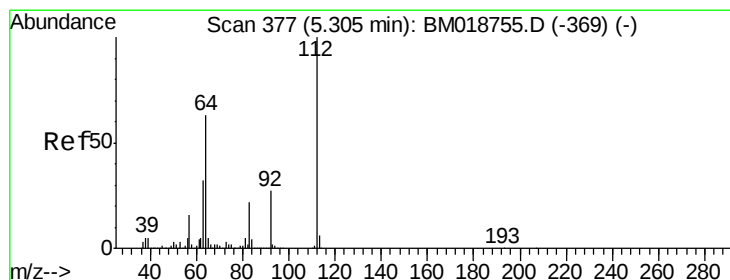
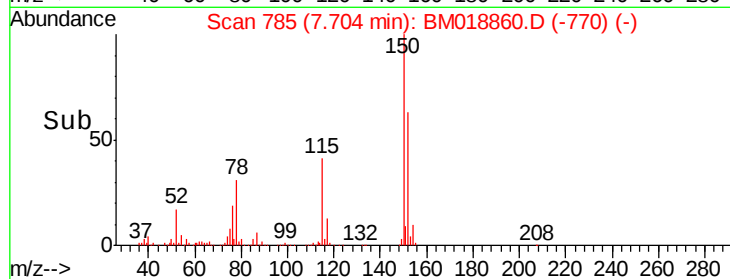
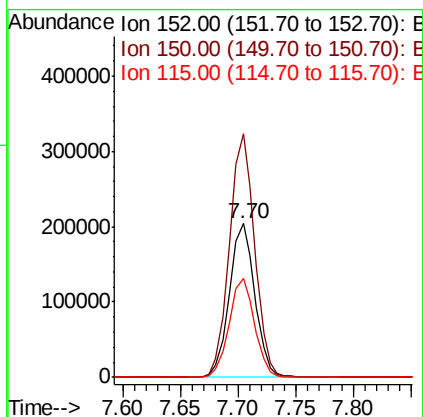
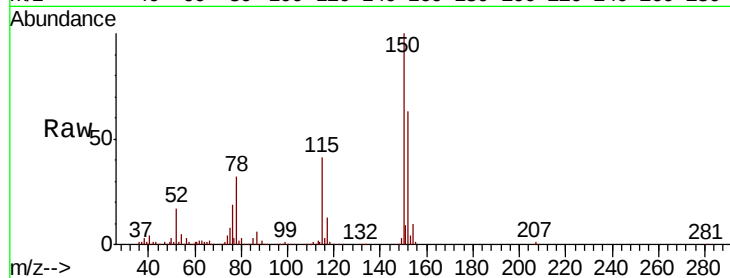


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018860.D
Acq: 19 Feb 2019 17:11

Instrument :
BNA_M
ClientSampleId :
TS-7

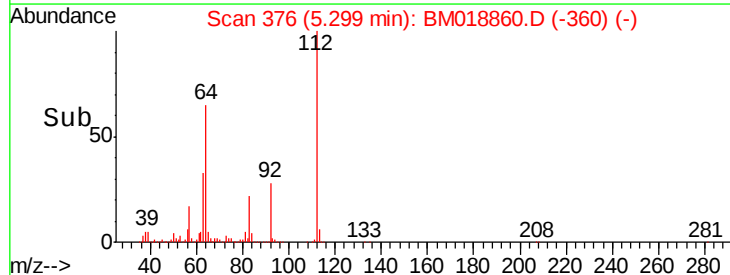
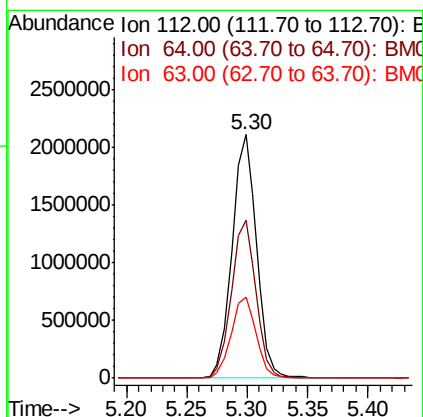
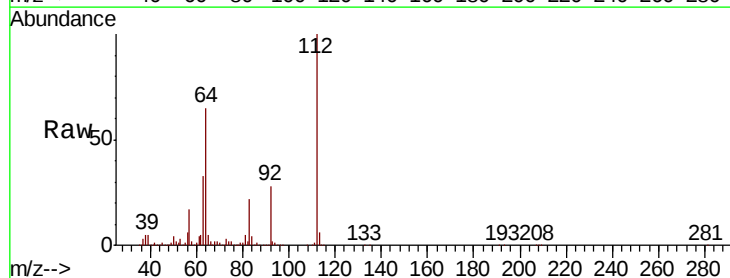
Tgt Ion:152 Resp: 311671
Ion Ratio Lower Upper
152 100
150 158.3 127.3 190.9
115 64.2 50.8 76.2

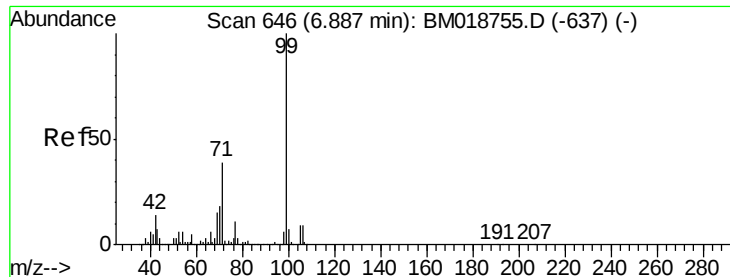


#5

2-Fluorophenol
Concen: 156.699 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018860.D
Acq: 19 Feb 2019 17:11

Tgt Ion:112 Resp: 2980726
Ion Ratio Lower Upper
112 100
64 64.8 50.6 75.8
63 33.1 25.7 38.5





#7

Phenol-d6

Concen: 151.948 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018860.D

Acq: 19 Feb 2019 17:11

Instrument :

BNA_M

ClientSampleId :

TS-7

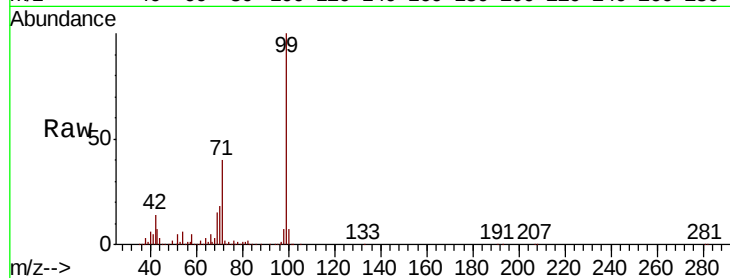
Tgt Ion: 99 Resp: 4071818

Ion Ratio Lower Upper

99 100

42 14.4 11.0 16.6

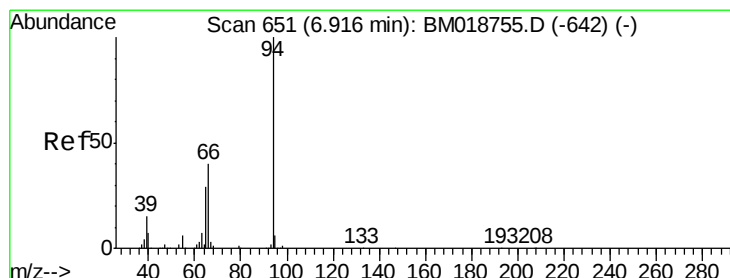
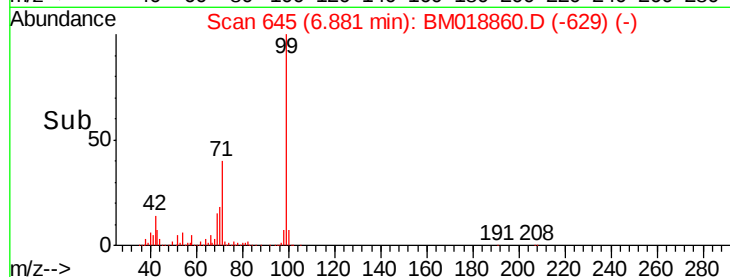
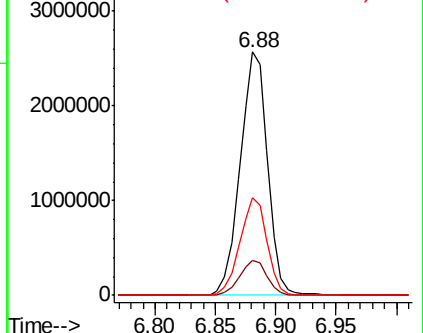
71 40.0 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#10

Phenol

Concen: 4.549 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018860.D

Acq: 19 Feb 2019 17:11

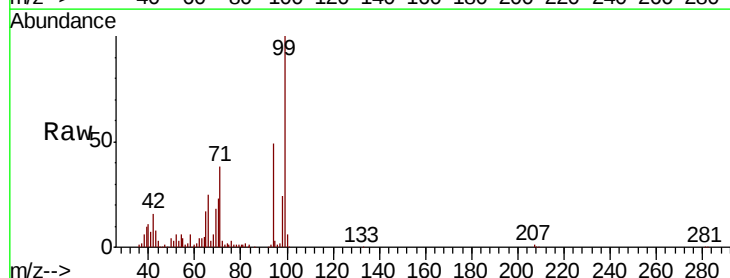
Tgt Ion: 94 Resp: 128263

Ion Ratio Lower Upper

94 100

65 33.8 9.6 49.6

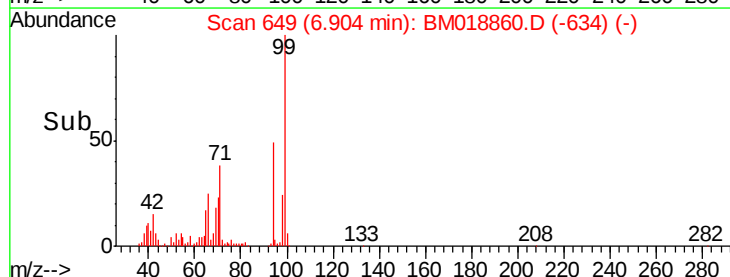
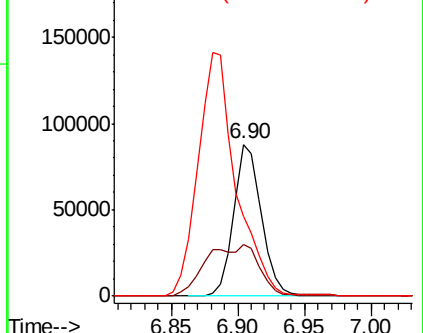
66 52.1 20.4 60.4

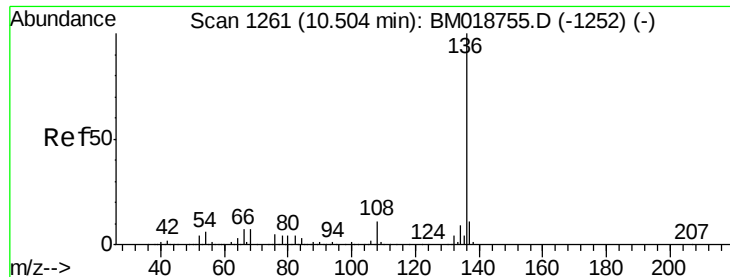


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)

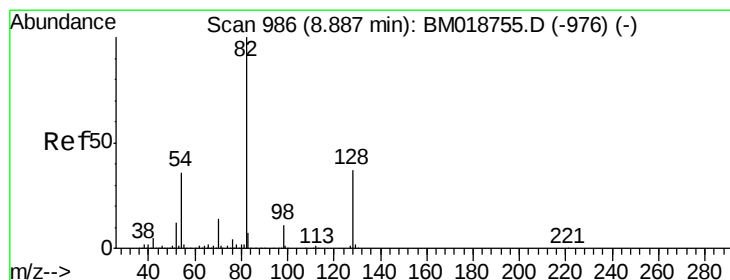
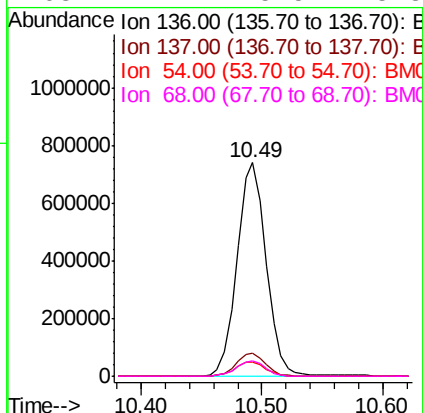
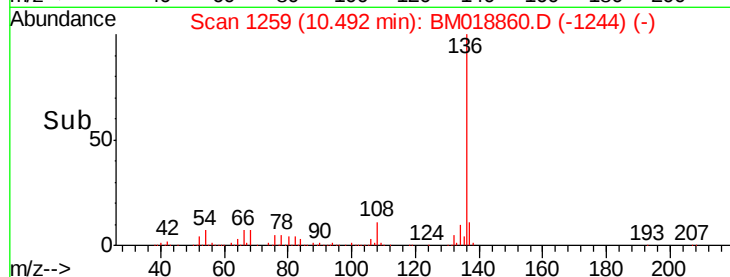
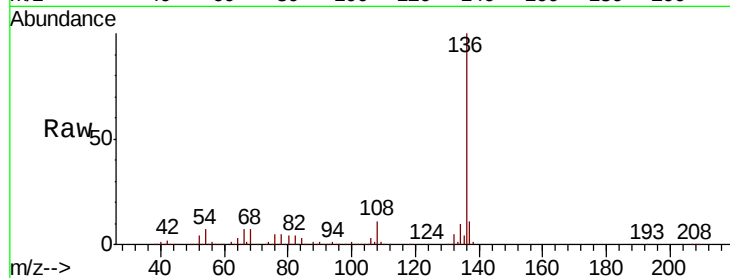




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM018860.D
Acq: 19 Feb 2019 17:11

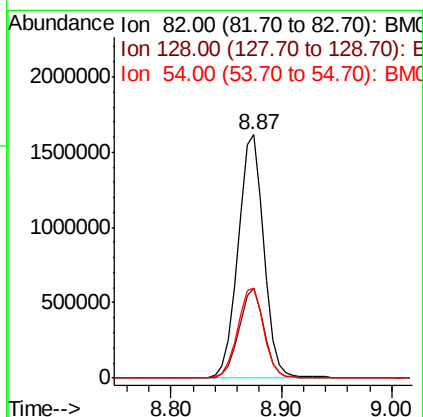
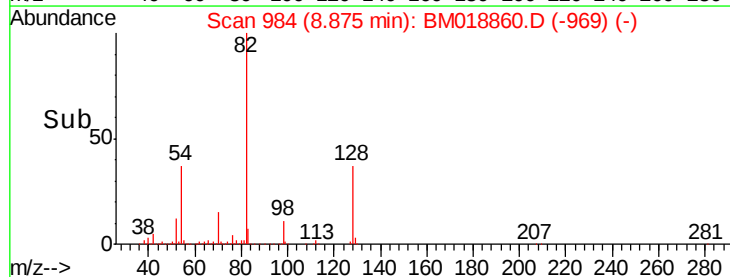
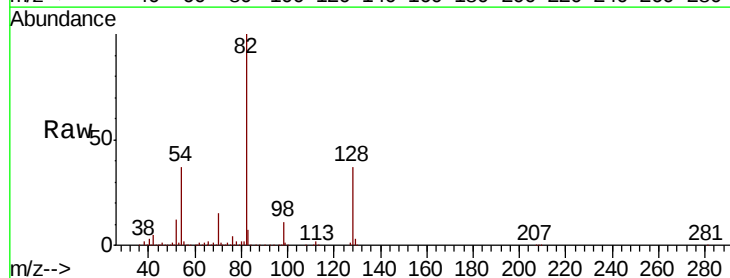
Instrument :
BNA_M
ClientSampled :
TS-7

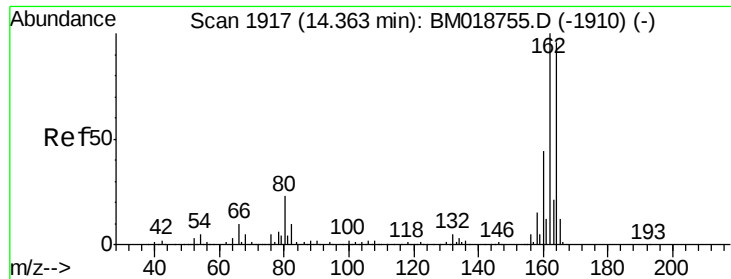
Tgt Ion:136 Resp: 1248853
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.6 5.0 7.6
68 7.1 5.5 8.3



#23
Nitrobenzene-d5
Concen: 98.610 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM018860.D
Acq: 19 Feb 2019 17:11

Tgt Ion: 82 Resp: 2663353
Ion Ratio Lower Upper
82 100
128 36.8 29.9 44.9
54 36.9 29.1 43.7

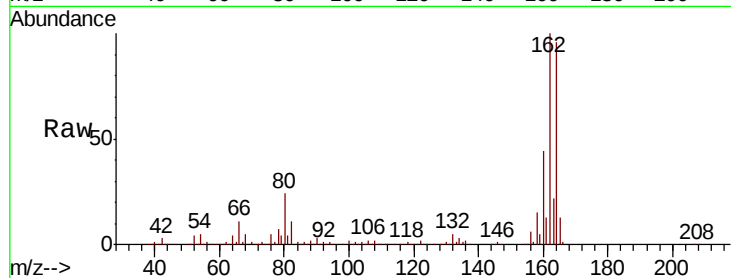




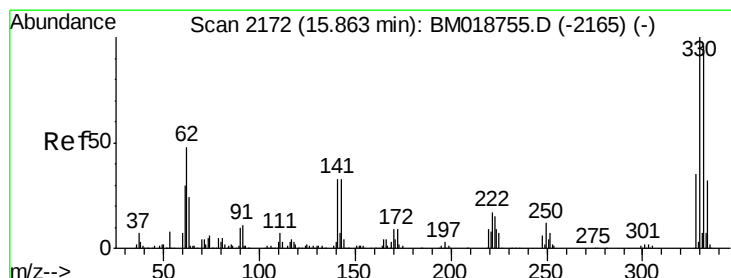
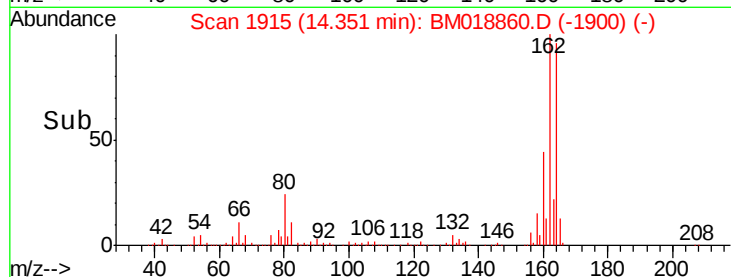
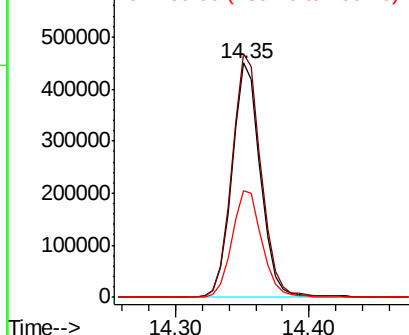
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018860.D
Acq: 19 Feb 2019 17:11

Instrument :
BNA_M
ClientSampleId :
TS-7

Tgt Ion:164 Resp: 667483
Ion Ratio Lower Upper
164 100
162 103.9 83.4 125.0
160 45.8 36.6 55.0

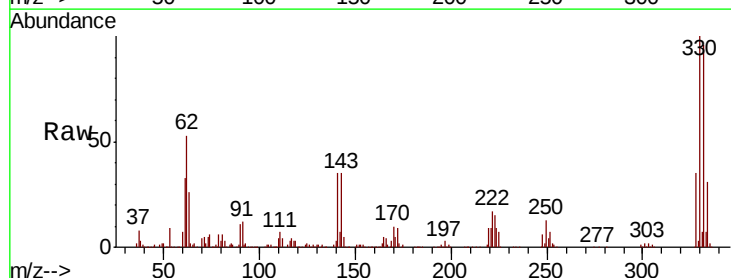


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

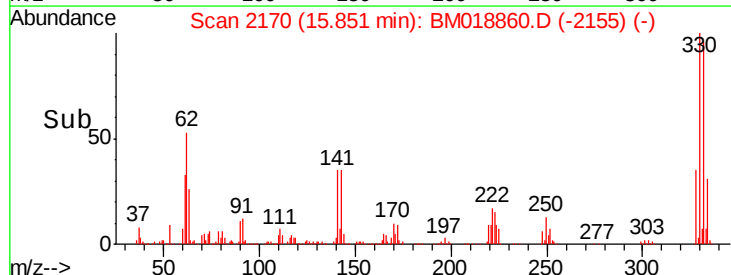
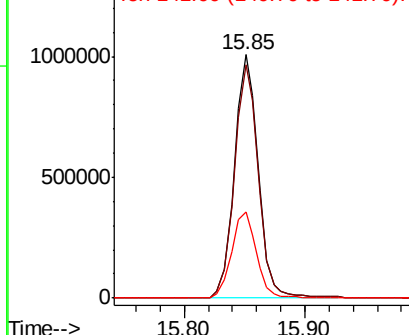


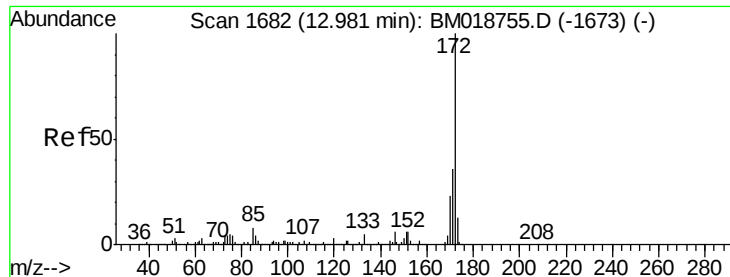
#42
2,4,6-Tribromophenol
Concen: 144.126 ng
RT: 15.85 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BM018860.D
Acq: 19 Feb 2019 17:11

Tgt Ion:330 Resp: 1386725
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 37.0 28.7 43.1



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

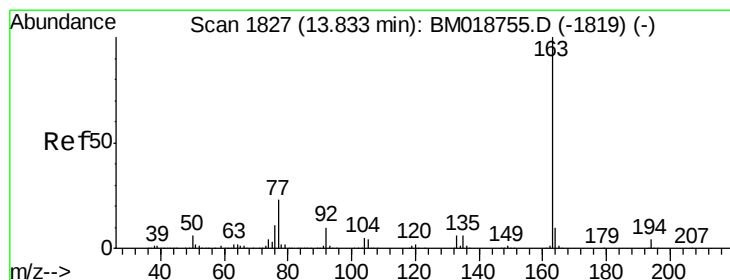
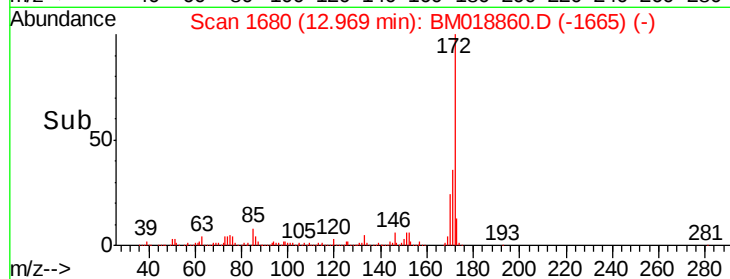
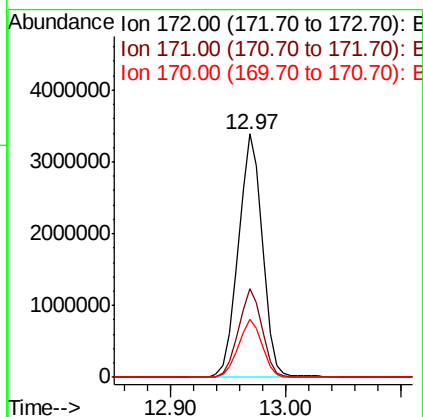
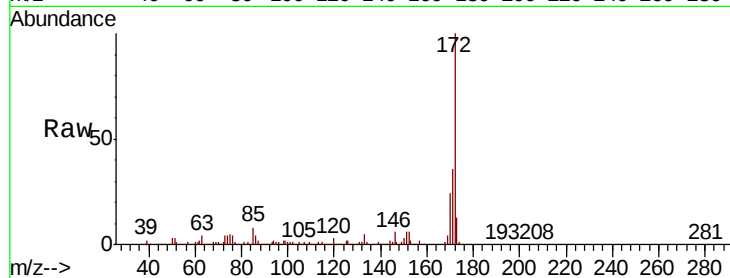




#45
2-Fluorobiphenyl
Concen: 97.064 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018860.D
Acq: 19 Feb 2019 17:11

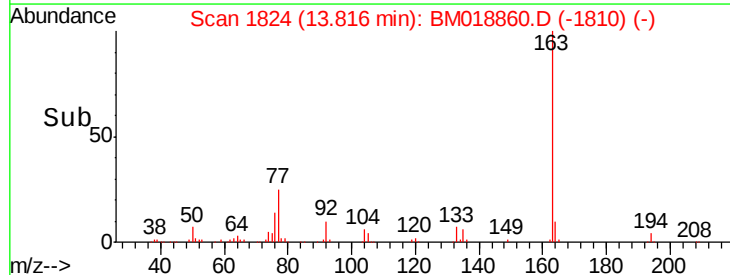
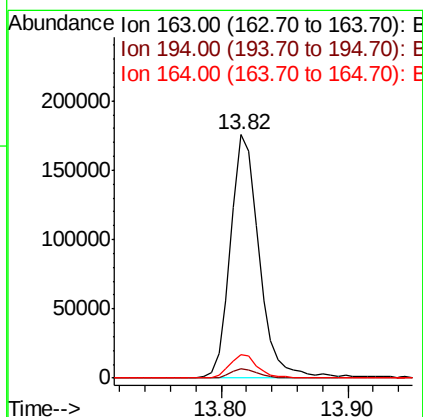
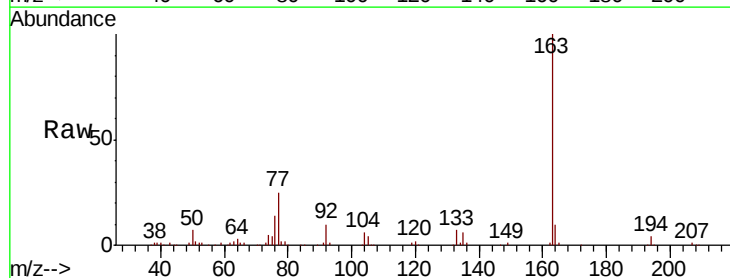
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TS-7

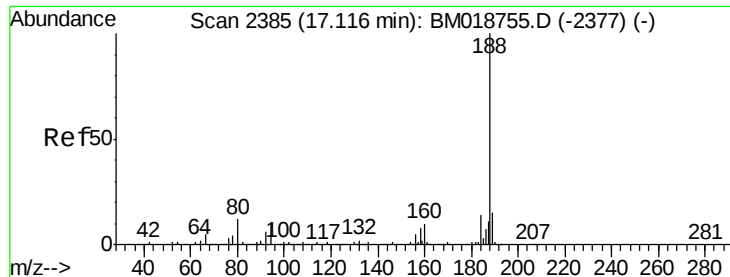
Tgt Ion:172 Resp: 4880585
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 23.9 18.6 28.0



#50
Dimethylphthalate
Concen: 4.937 ng
RT: 13.82 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018860.D
Acq: 19 Feb 2019 17:11

Tgt Ion:163 Resp: 274627
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 9.7 7.8 11.8

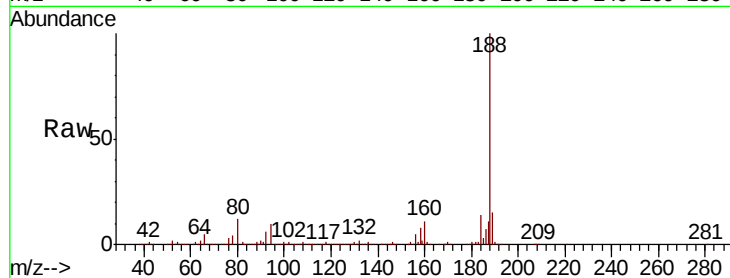




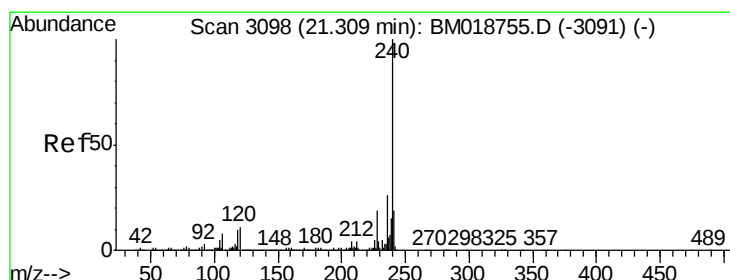
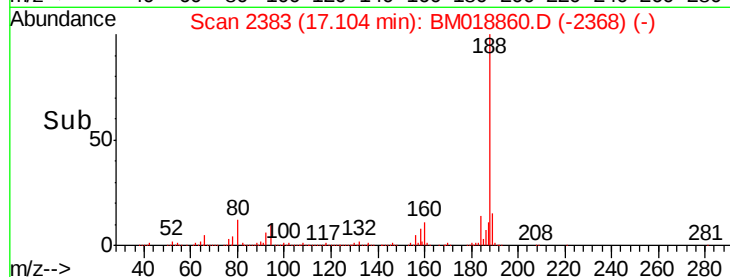
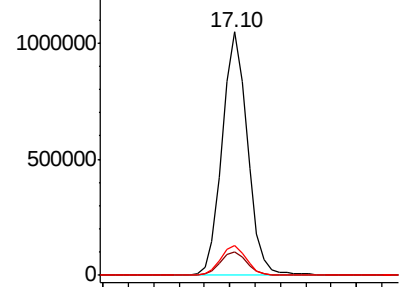
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018860.D
Acq: 19 Feb 2019 17:11

Instrument :
BNA_M
ClientSampled :
TS-7

Tgt Ion:188 Resp: 1448460
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 12.1 9.7 14.5

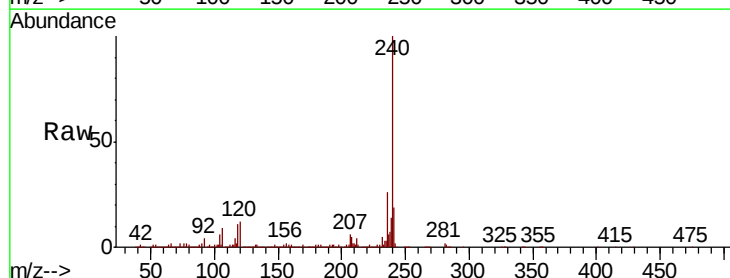


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

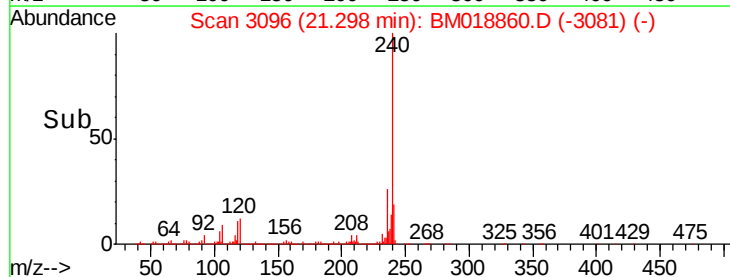
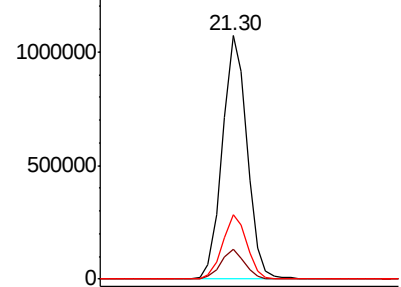


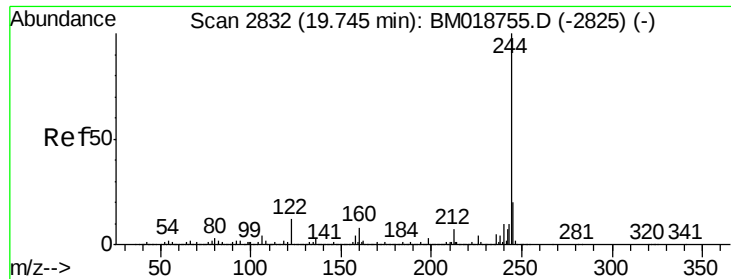
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM018860.D
Acq: 19 Feb 2019 17:11

Tgt Ion:240 Resp: 1306262
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 26.3 20.9 31.3



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: 107.313 ng

RT: 19.74 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM018860.D

Acq: 19 Feb 2019 17:11

Instrument :

BNA_M

ClientSampleId :

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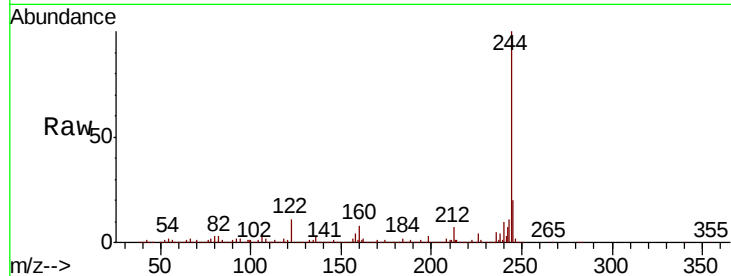
Tgt Ion:244 Resp: 6795240

Ion Ratio Lower Upper

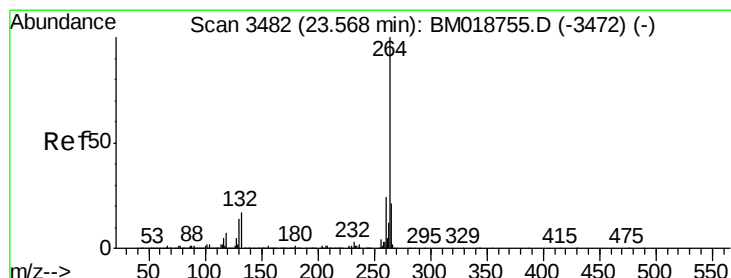
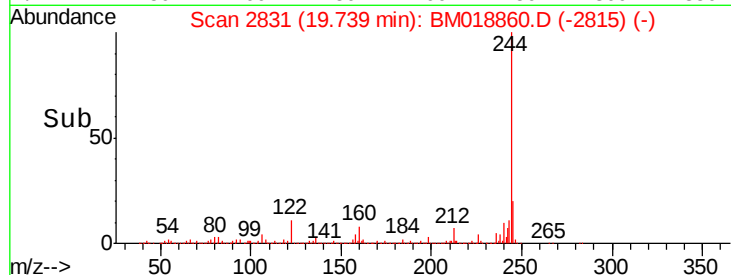
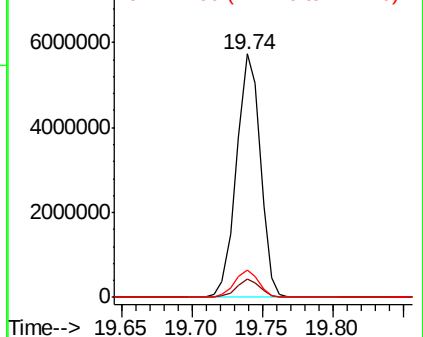
244 100

212 7.3 5.6 8.4

122 11.3 9.3 13.9



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: 23.55 min Scan# 3479

Delta R.T. -0.02 min

Lab File: BM018860.D

Acq: 19 Feb 2019 17:11

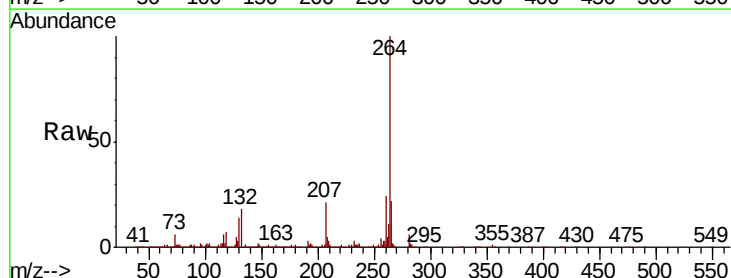
Tgt Ion:264 Resp: 1183827

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 22.1 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

