

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021919\
 Data File : BM018861.D
 Acq On : 19 Feb 2019 17:48
 Operator : JU/SJ
 Sample : K1525-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 M-14-D

Quant Time: Feb 19 23:44:11 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

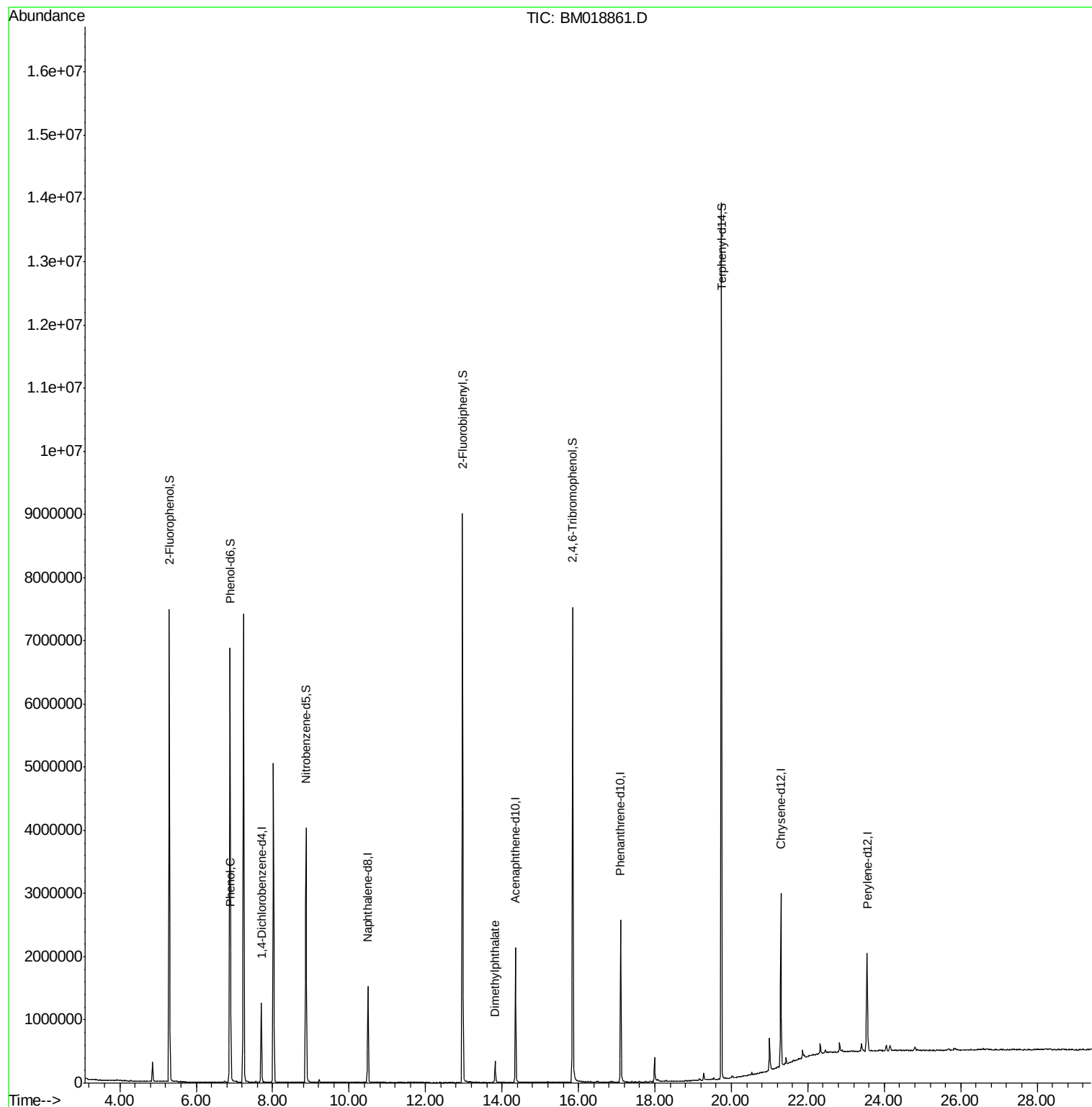
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	310631	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1248393	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	657494	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1405414	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1187209	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1088842	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2888886	152.38	ng	0.00
7) Phenol-d6	6.88	99	3921655	146.83	ng	0.00
23) Nitrobenzene-d5	8.87	82	2539851	94.07	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	1276903	134.73	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	4273864	86.29	ng	-0.01
79) Terphenyl-d14	19.74	244	5655800	98.28	ng	0.00
Target Compounds						
9) Benzaldehyde	6.88	77	11443	Below Cal		Qvalue # 14
10) Phenol	6.90	94	291020	10.356	ng	94
50) Dimethylphthalate	13.82	163	222695	4.064	ng	98

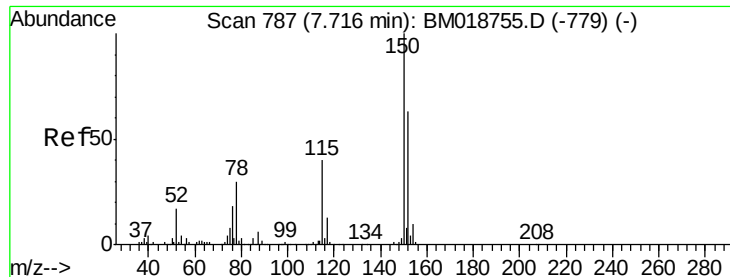
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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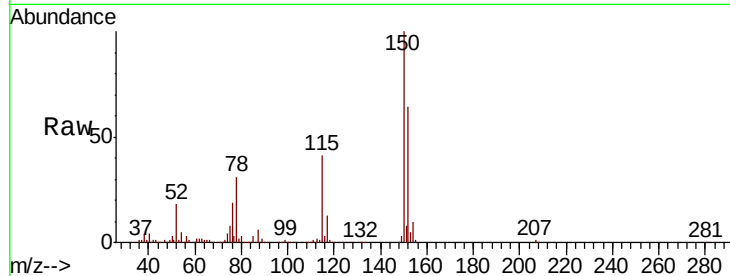


#1

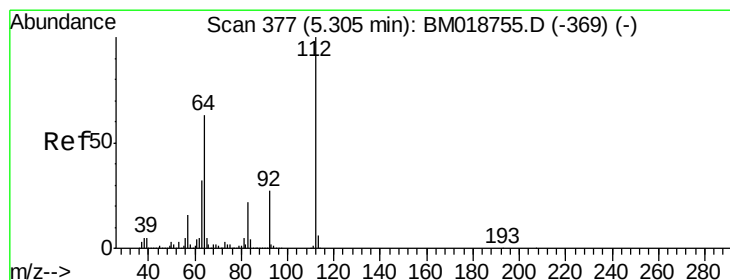
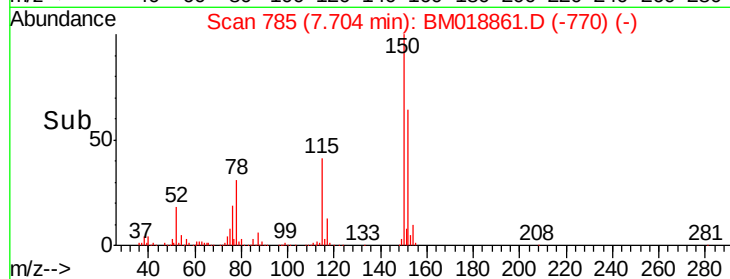
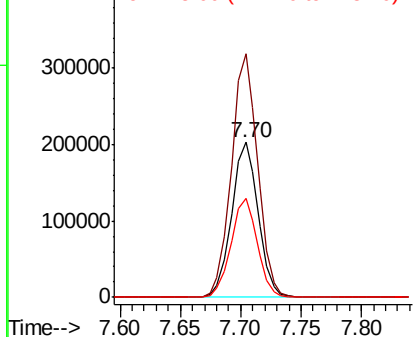
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018861.D
Acq: 19 Feb 2019 17:48

Instrument :
BNA_M
ClientSampleId :
M-14-D

Tgt Ion:152 Resp: 310631
Ion Ratio Lower Upper
152 100
150 157.3 127.3 190.9
115 64.2 50.8 76.2



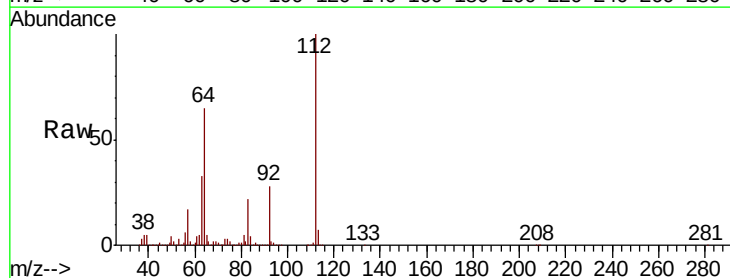
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



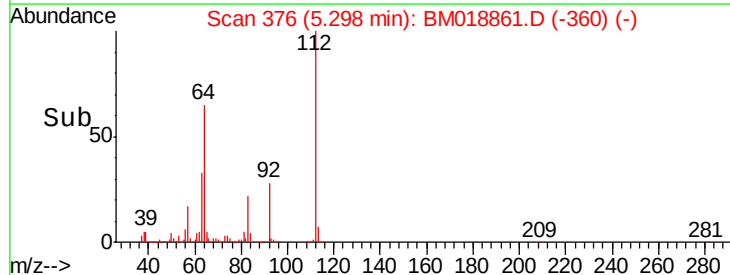
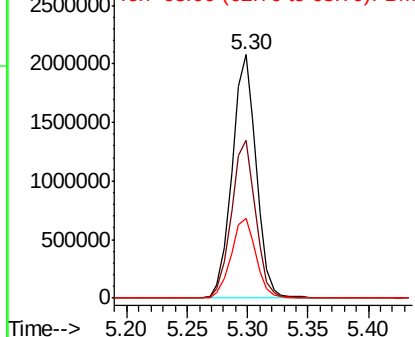
#5

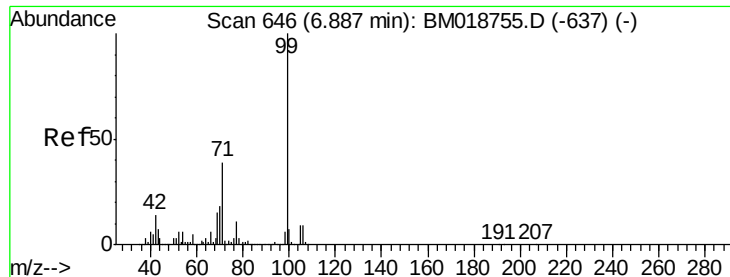
2-Fluorophenol
Concen: 152.379 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018861.D
Acq: 19 Feb 2019 17:48

Tgt Ion:112 Resp: 2888886
Ion Ratio Lower Upper
112 100
64 64.7 50.6 75.8
63 32.8 25.7 38.5



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: 146.835 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018861.D

Acq: 19 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

M-14-D

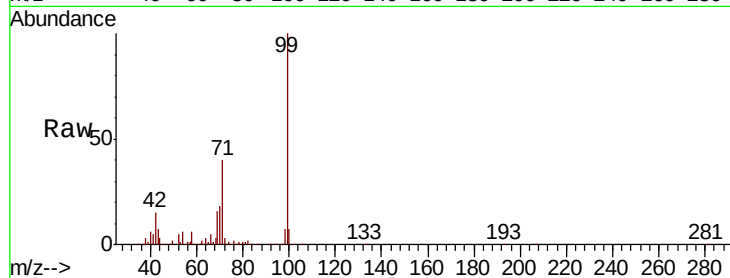
Tgt Ion: 99 Resp: 3921655

Ion Ratio Lower Upper

99 100

42 14.8 11.0 16.6

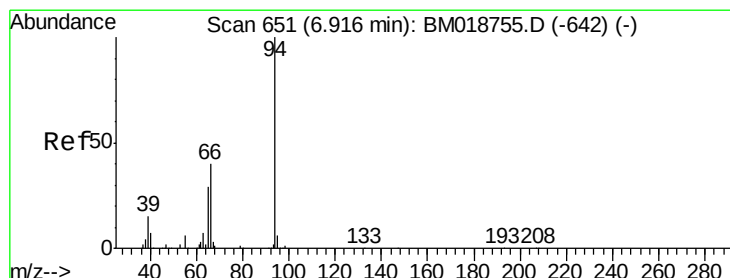
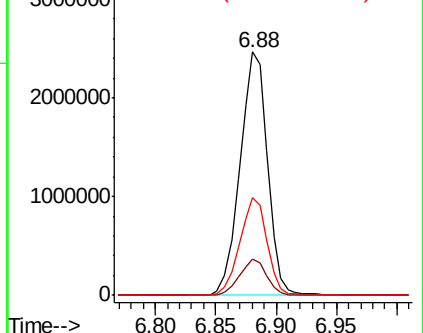
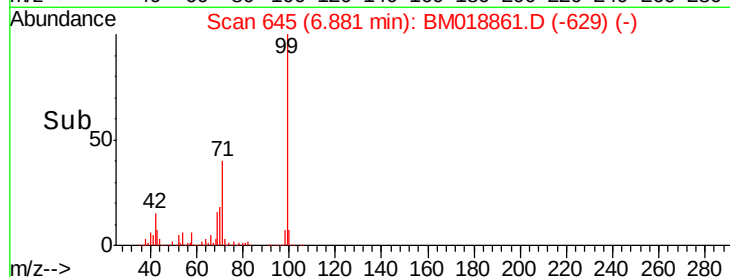
71 40.1 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018861.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018861.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018861.D (-629) (-)



#10

Phenol

Concen: 10.356 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018861.D

Acq: 19 Feb 2019 17:48

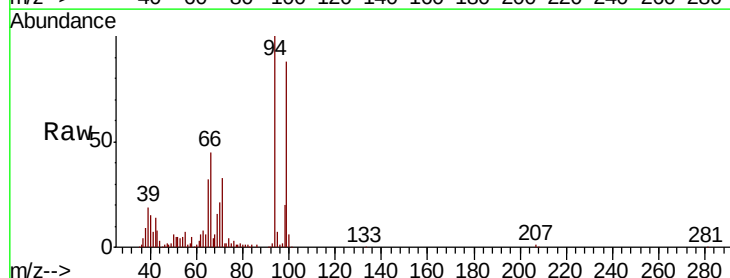
Tgt Ion: 94 Resp: 291020

Ion Ratio Lower Upper

94 100

65 32.3 9.6 49.6

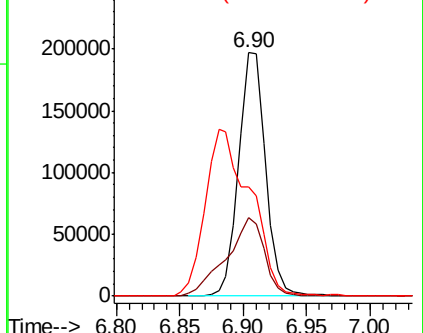
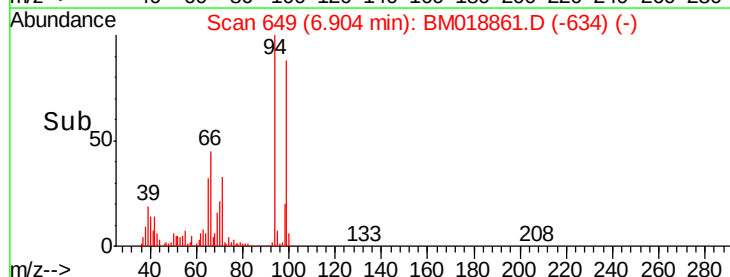
66 44.8 20.4 60.4

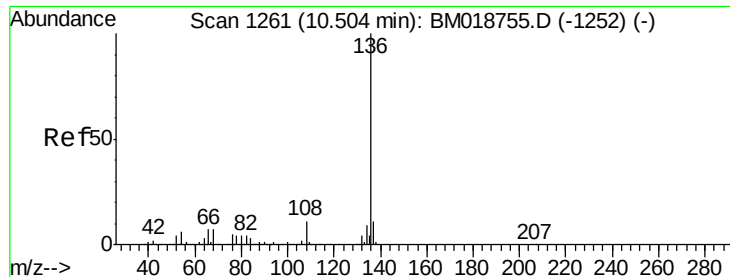


Abundance Ion 94.00 (93.70 to 94.70): BM018861.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018861.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018861.D (-634) (-)

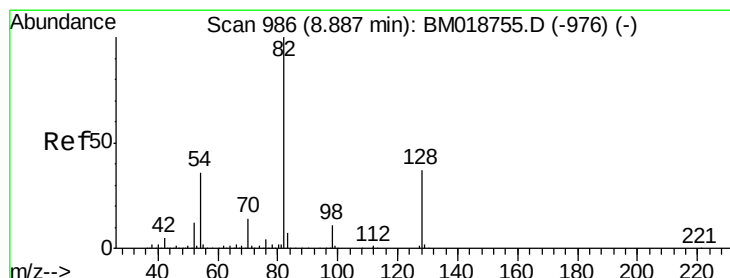
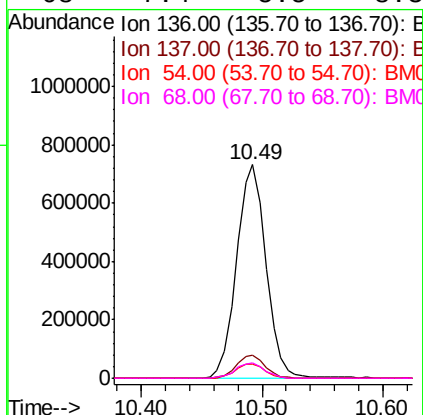
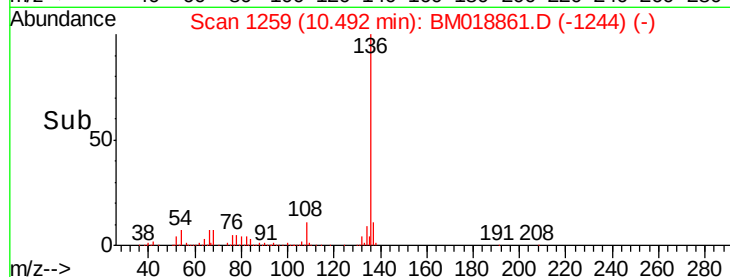
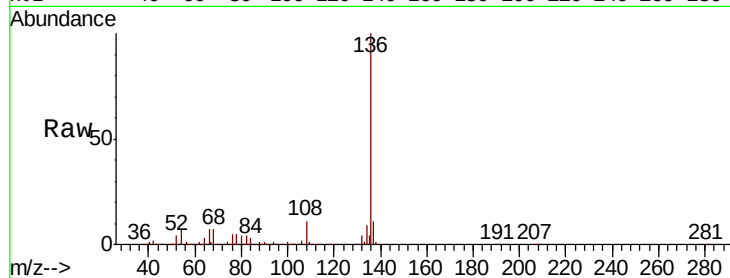




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM018861.D
Acq: 19 Feb 2019 17:48

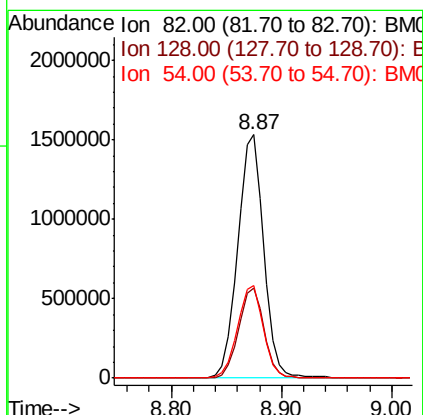
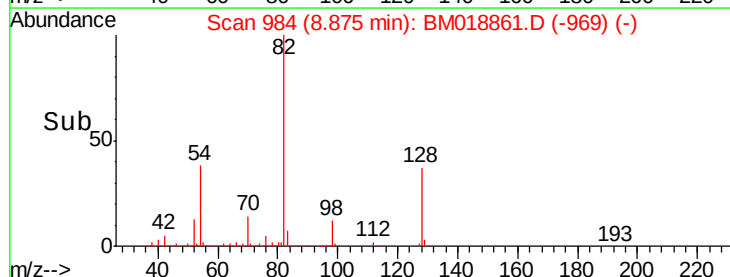
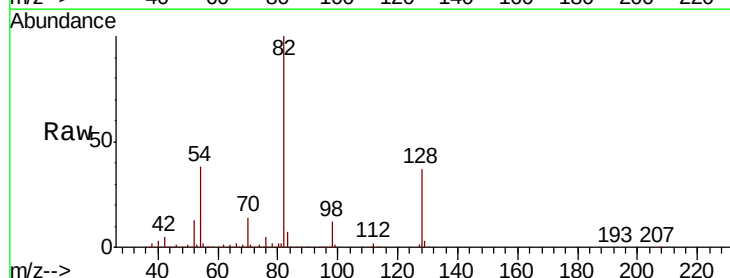
Instrument :
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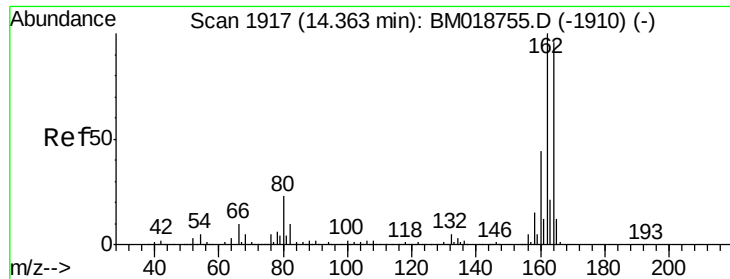
Tgt Ion: 136 Resp: 1248393
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.8 5.0 7.6
68 7.4 5.5 8.3



#23
Nitrobenzene-d5
Concen: 94.072 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM018861.D
Acq: 19 Feb 2019 17:48

Tgt Ion: 82 Resp: 2539851
Ion Ratio Lower Upper
82 100
128 37.2 29.9 44.9
54 37.9 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: BM018861.D

Acq: 19 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

M-14-D

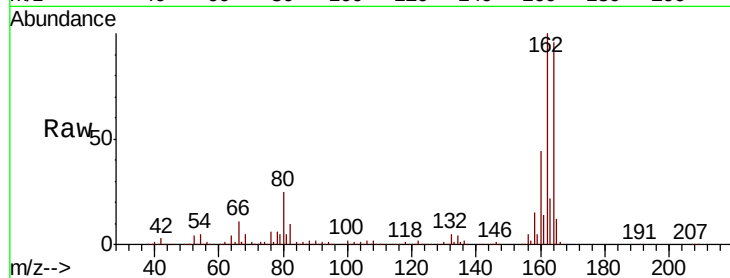
Tgt Ion:164 Resp: 657494

Ion Ratio Lower Upper

164 100

162 104.3 83.4 125.0

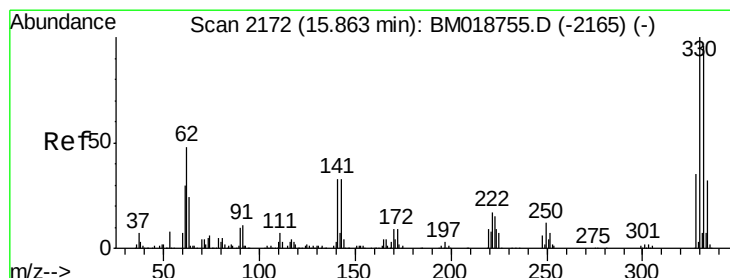
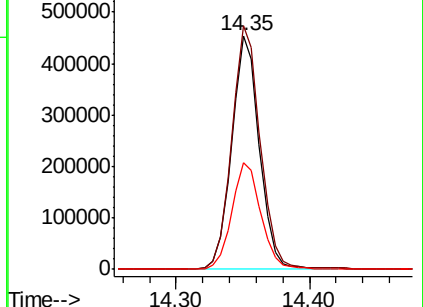
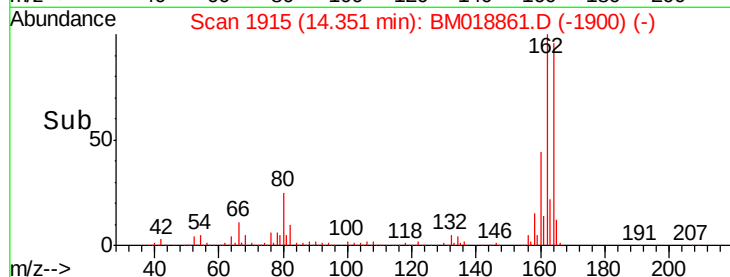
160 45.8 36.6 55.0



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: 134.729 ng

RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM018861.D

Acq: 19 Feb 2019 17:48

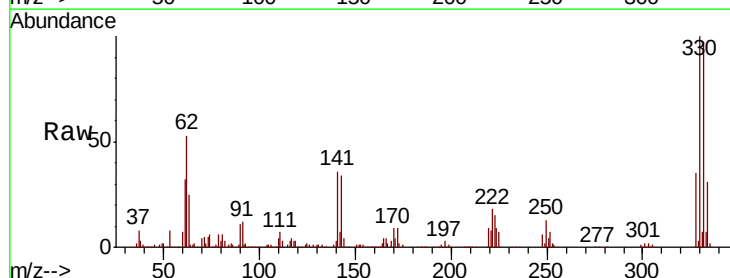
Tgt Ion:330 Resp: 1276903

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

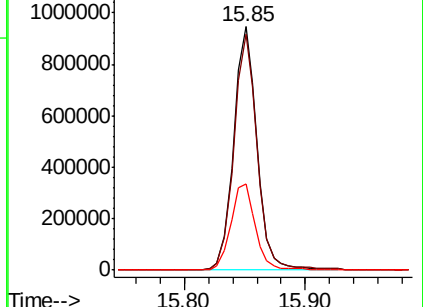
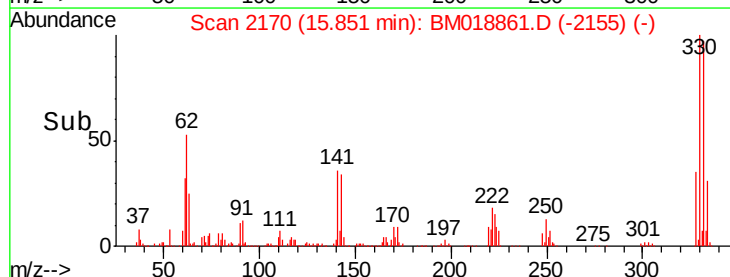
141 37.5 28.7 43.1

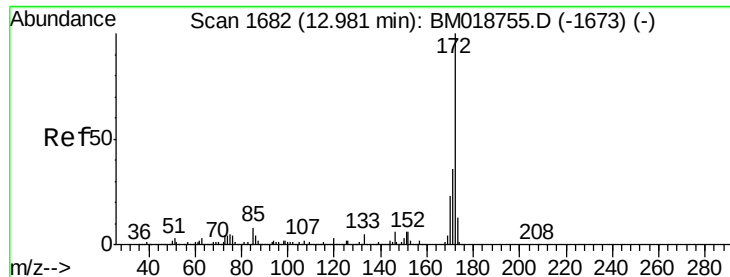


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

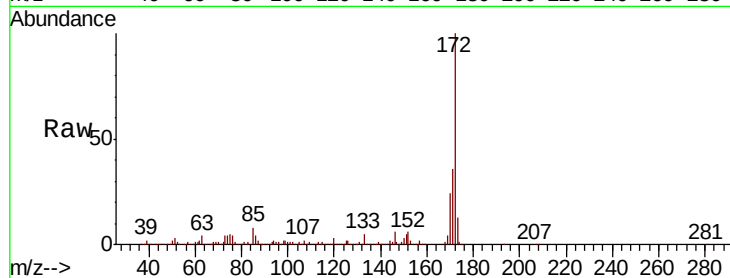




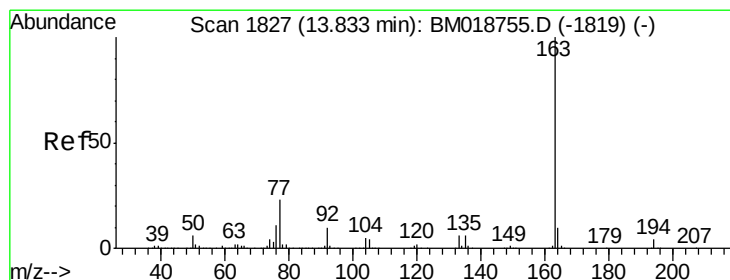
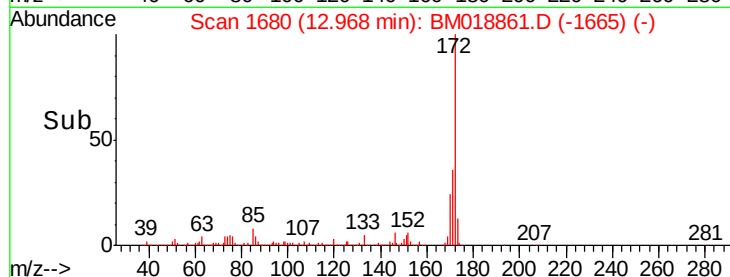
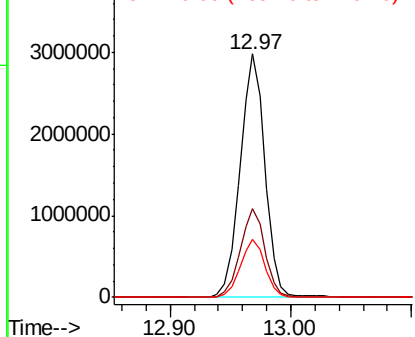
#45
2-Fluorobiphenyl
Concen: 86.289 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018861.D
Acq: 19 Feb 2019 17:48

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BNA_M
ClientSampleId :
M-14-D

Tgt Ion:172 Resp: 4273864
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 23.6 18.6 28.0

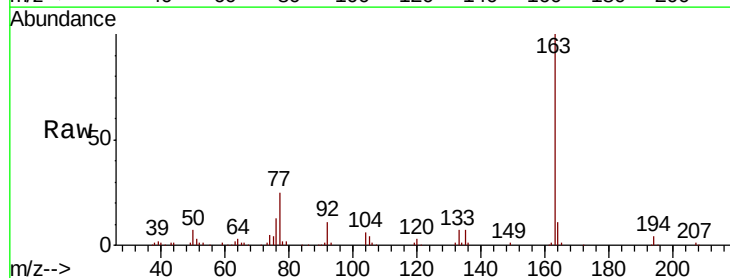


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

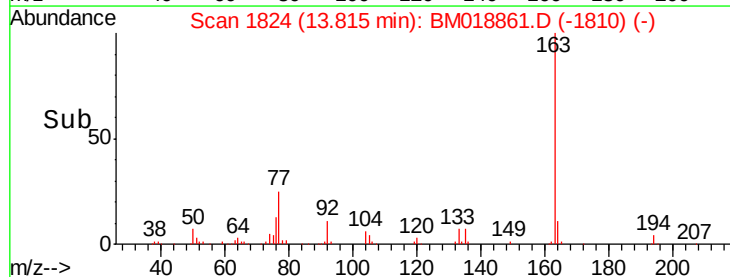
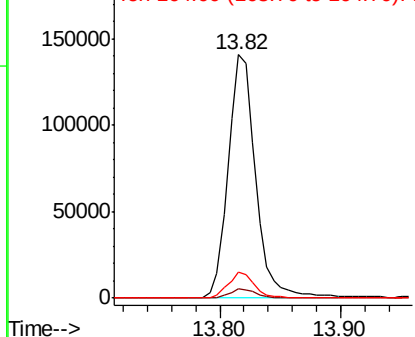


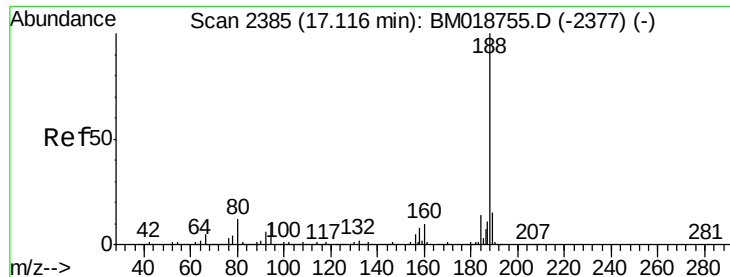
#50
Dimethylphthalate
Concen: 4.064 ng
RT: 13.82 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018861.D
Acq: 19 Feb 2019 17:48

Tgt Ion:163 Resp: 222695
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.5 7.8 11.8



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: 17.10 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM018861.D

Acq: 19 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

M-14-D

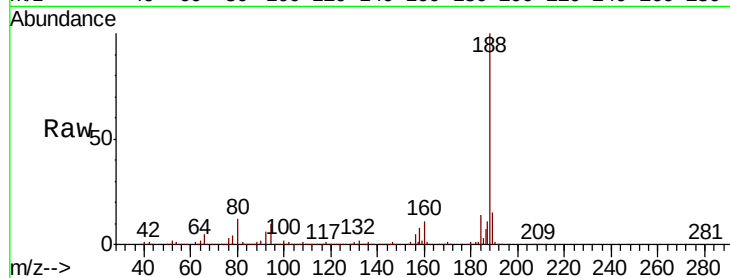
Tgt Ion:188 Resp: 1405414

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

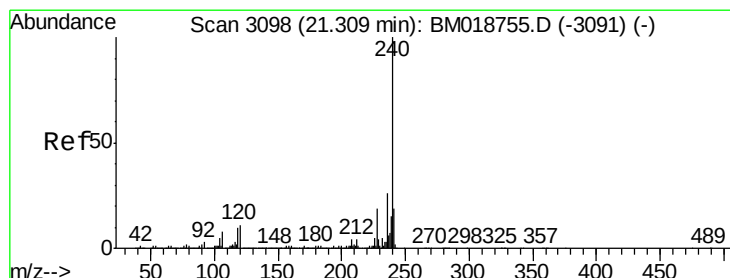
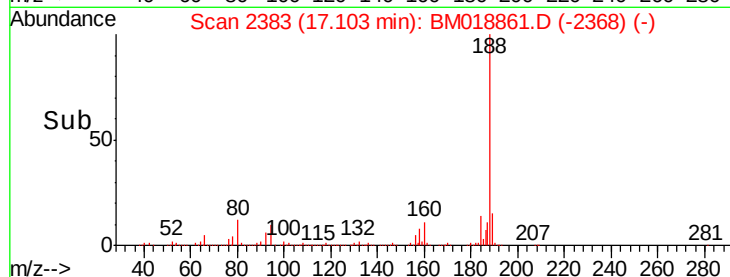
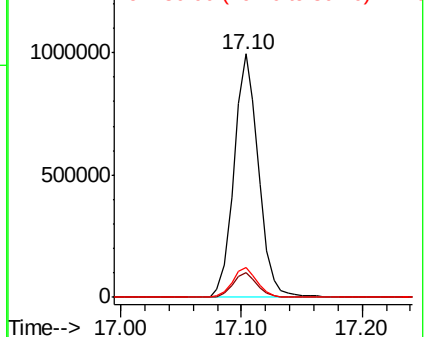
80 12.4 9.7 14.5



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: 21.30 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BM018861.D

Acq: 19 Feb 2019 17:48

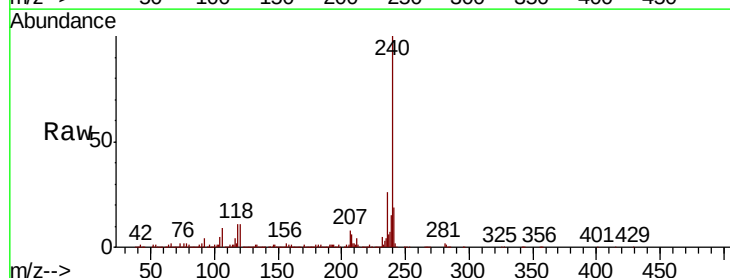
Tgt Ion:240 Resp: 1187209

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

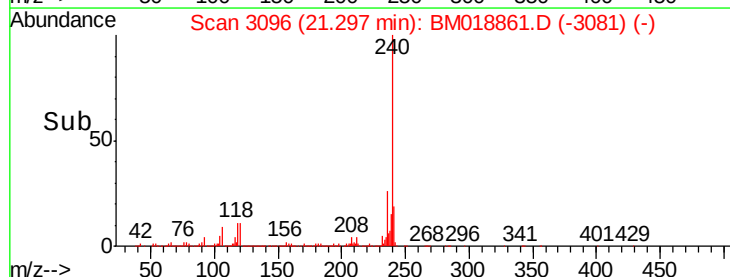
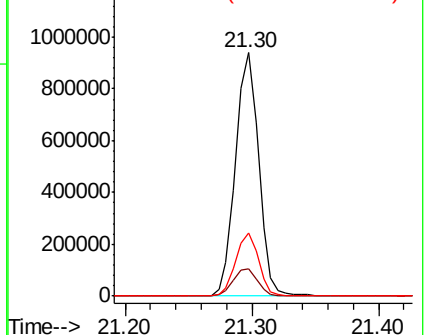
236 25.8 20.9 31.3

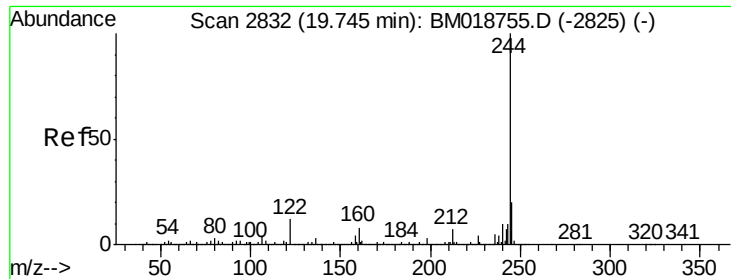


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

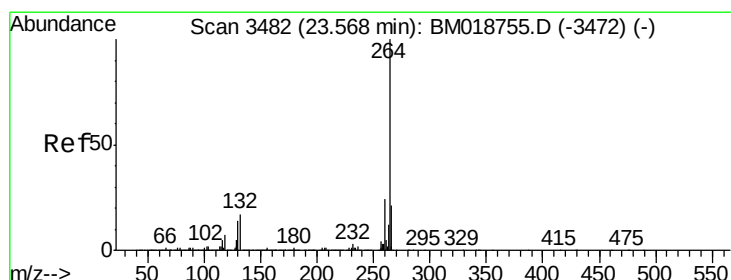
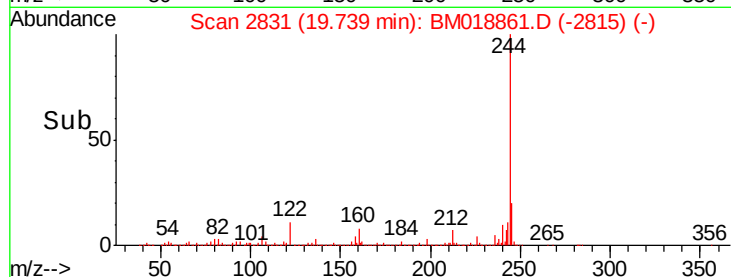
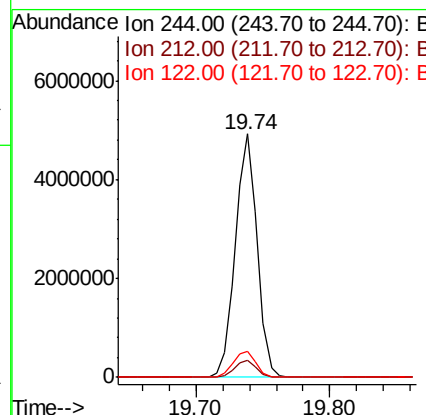
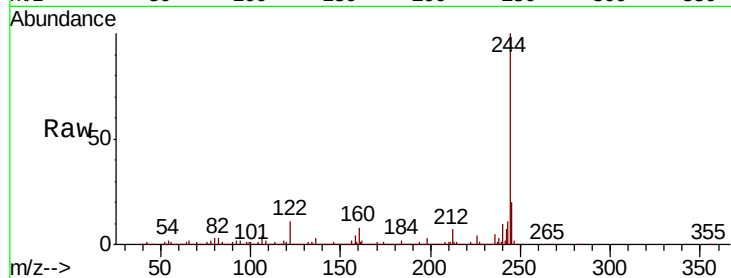




#79
 Terphenyl-d14
 Concen: 98.275 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018861.D
 Acq: 19 Feb 2019 17:48

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 BNA_M
 ClientSampleId :
 M-14-D

Tgt Ion:244 Resp: 5655800
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.9 9.3 13.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.55 min Scan# 3479
 Delta R.T. -0.02 min
 Lab File: BM018861.D
 Acq: 19 Feb 2019 17:48

Tgt Ion:264 Resp: 1088842
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 22.1 17.3 25.9

