

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
 Data File : BM018874.D
 Acq On : 20 Feb 2019 03:38
 Operator : JU/SJ
 Sample : K1518-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-5

Quant Time: Feb 20 05:45:02 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	208400	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	823323	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	470736	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1200521	20.00	ng	-0.01
76) Chrysene-d12	21.29	240	1364659	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1226247	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1616675	127.11	ng	-0.01
7) Phenol-d6	6.87	99	1915605	106.91	ng	-0.01
23) Nitrobenzene-d5	8.87	82	1671528	93.87	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	1007589	148.49	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	3219603	90.79	ng	-0.01
79) Terphenyl-d14	19.74	244	6862898	103.74	ng	0.00

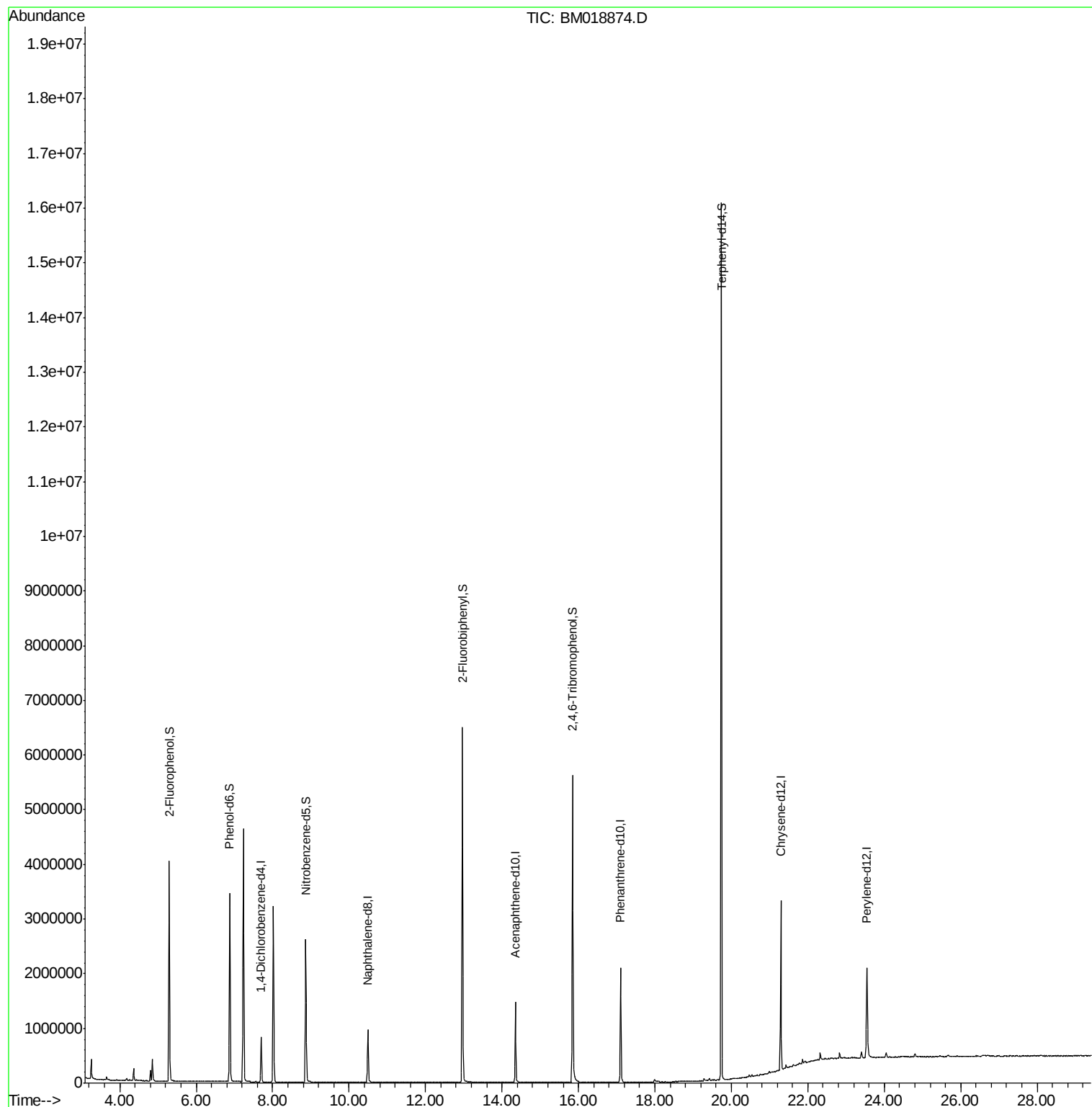
Target Compounds Qvalue

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

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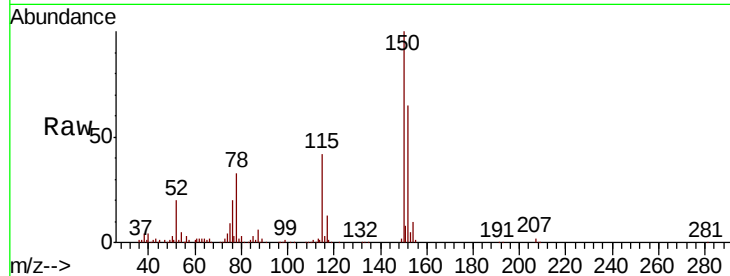


#1

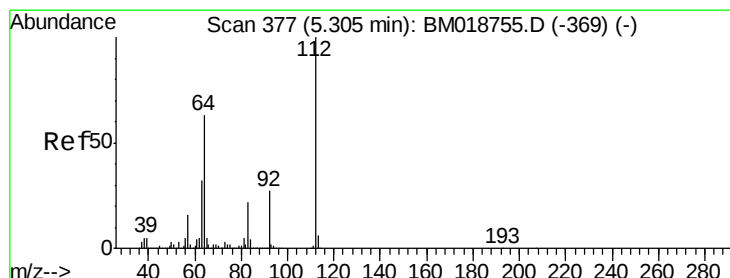
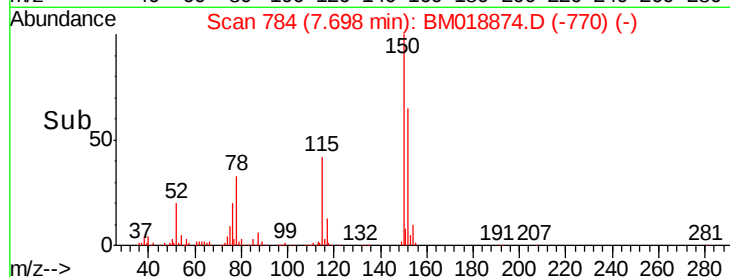
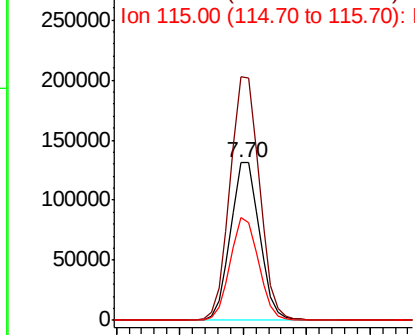
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BM018874.D
Acq: 20 Feb 2019 03:38

Instrument :
BNA_M
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-5

Tot Ion:152 Resp: 208400
Ion Ratio Lower Upper
152 100
150 154.3 127.3 190.9
115 65.3 50.8 76.2



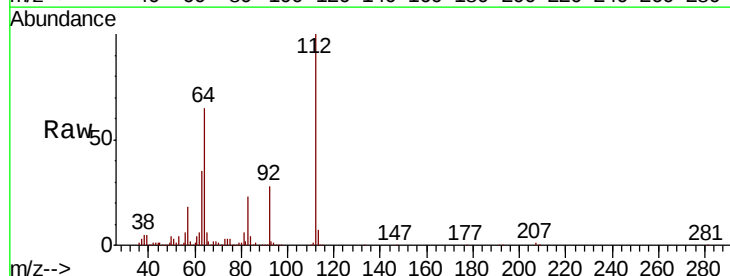
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



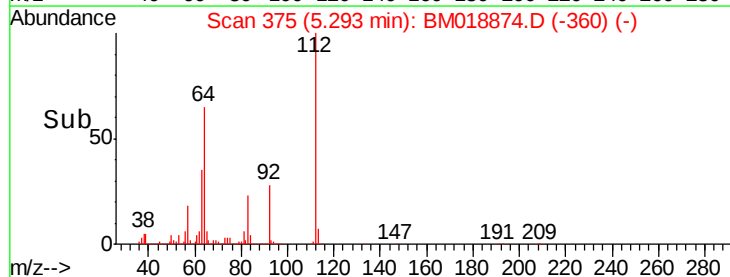
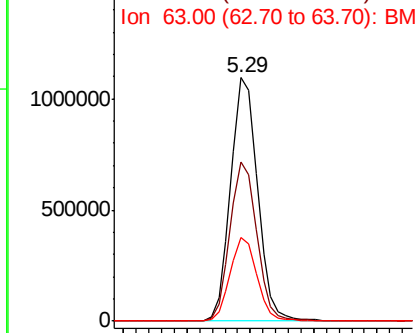
#5

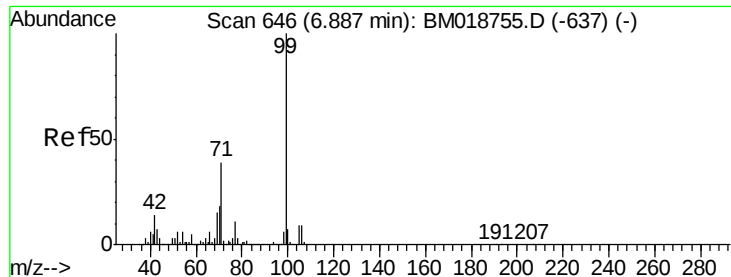
2-Fluorophenol
Concen: 127.106 ng
RT: 5.29 min Scan# 375
Delta R.T. -0.01 min
Lab File: BM018874.D
Acq: 20 Feb 2019 03:38

Tgt Ion:112 Resp: 1616675
Ion Ratio Lower Upper
112 100
64 65.4 50.6 75.8
63 34.6 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: 106.909 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018874.D

Acq: 20 Feb 2019 03:38

Instrument :

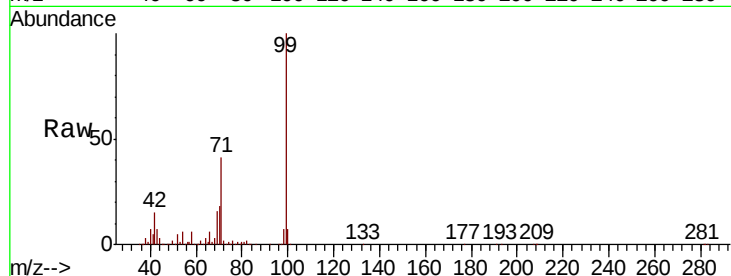
BNA_M

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-5

Tot Ion: 99 Resp: 1915605

Ion	Ratio	Lower	Upper
99	100		
42	15.1	11.0	16.6
71	40.7	31.3	46.9

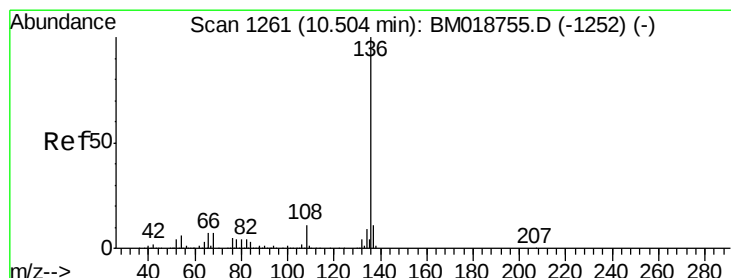
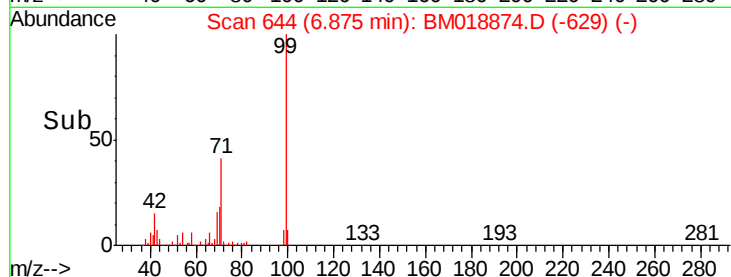
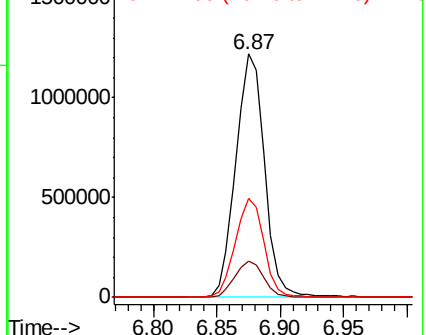


Abundance

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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018874.D

Acq: 20 Feb 2019 03:38

Tgt Ion: 136 Resp: 823323

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.1	5.0	7.6
68	6.4	5.5	8.3

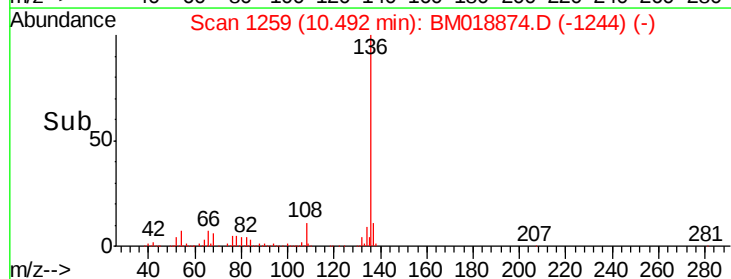
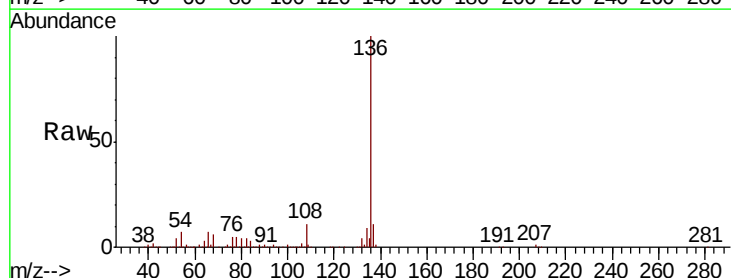
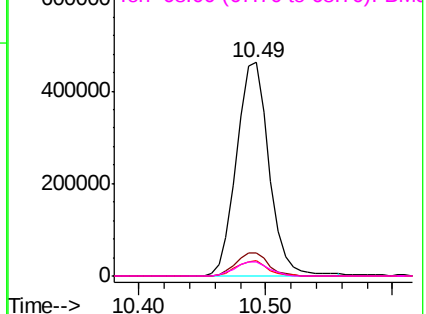
Abundance

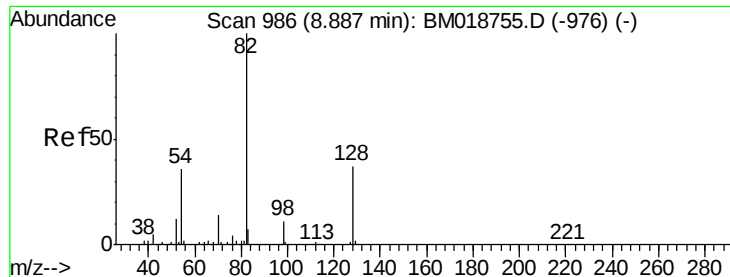
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)





#23

Nitrobenzene-d5

Concen: 93.875 ng

RT: 8.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BM018874.D

Acq: 20 Feb 2019 03:38

Instrument :

BNA_M

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-5

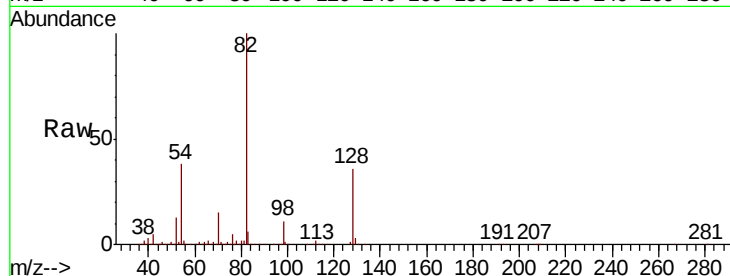
Tot Ion: 82 Resp: 1671528

Ion Ratio Lower Upper

82 100

128 36.0 29.9 44.9

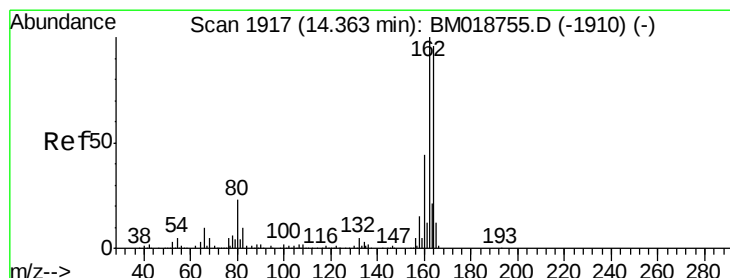
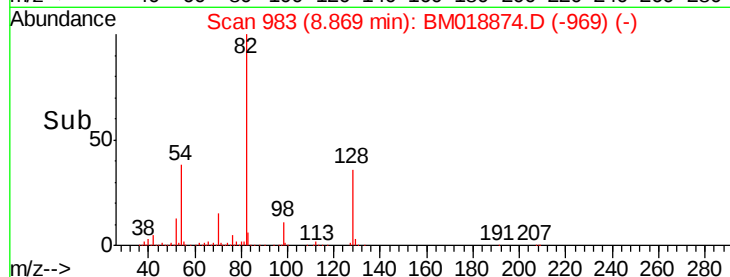
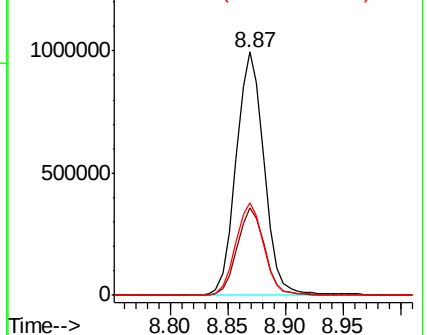
54 38.1 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018874.D

Acq: 20 Feb 2019 03:38

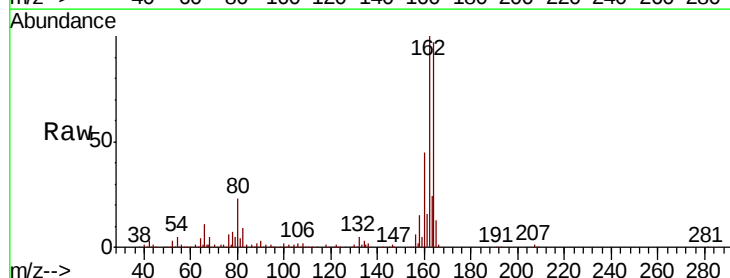
Tgt Ion:164 Resp: 470736

Ion Ratio Lower Upper

164 100

162 102.8 83.4 125.0

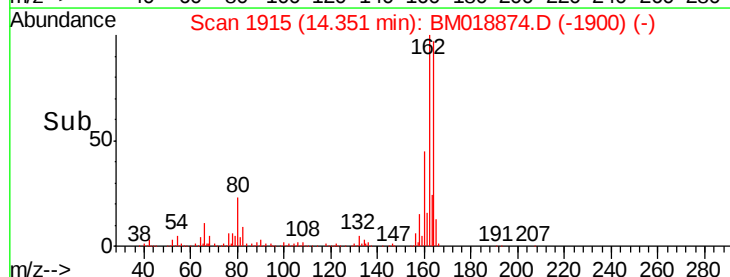
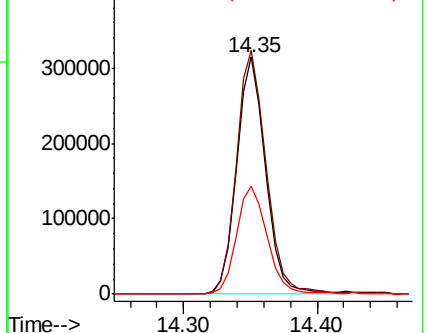
160 45.8 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)

Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)

Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)

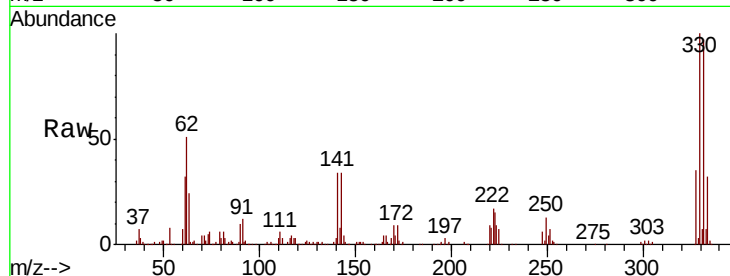




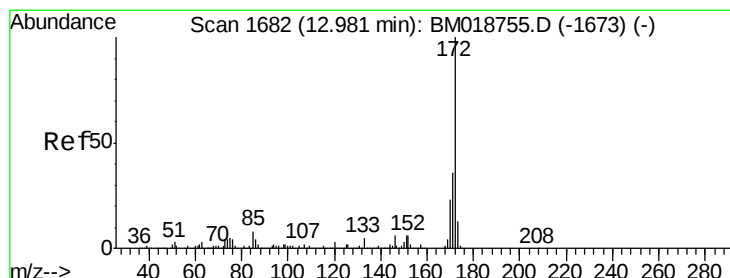
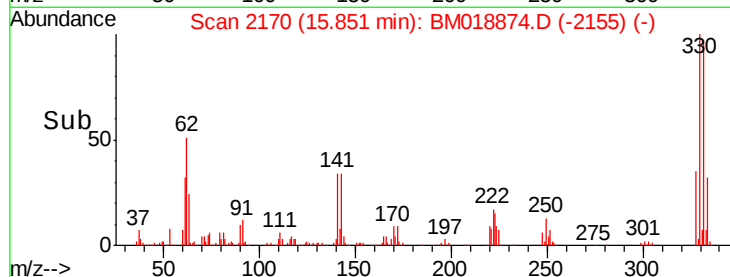
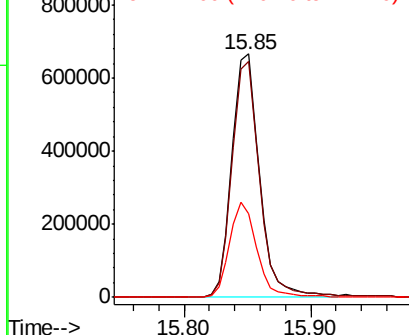
#42
 2,4,6-Tribromophenol
 Concen: 148.491 ng
 RT: 15.85 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM018874.D
 Acq: 20 Feb 2019 03:38

Instrument :
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 CABLE-BRIDGE-FOUNDATION-D-5

Tot Ion:330 Resp: 1007589
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.9 115.3
 141 38.8 28.7 43.1

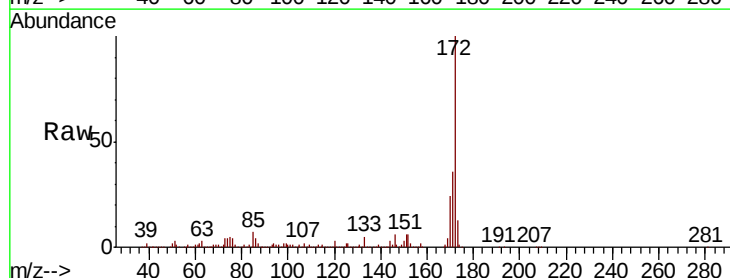


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

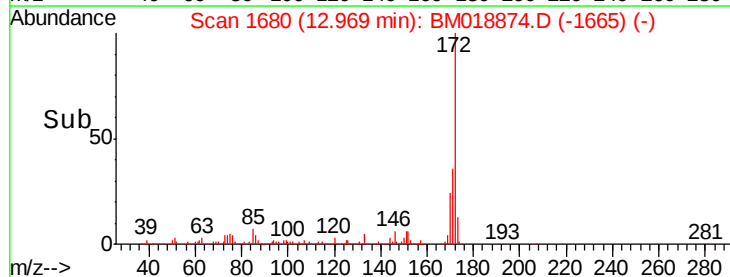
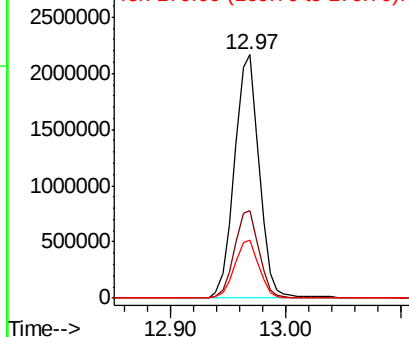


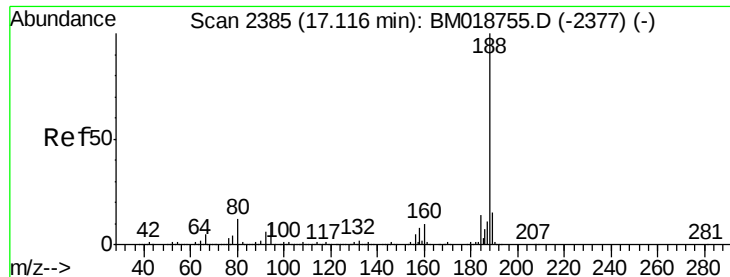
#45
 2-Fluorobiphenyl
 Concen: 90.793 ng
 RT: 12.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM018874.D
 Acq: 20 Feb 2019 03:38

Tgt Ion:172 Resp: 3219603
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 23.7 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

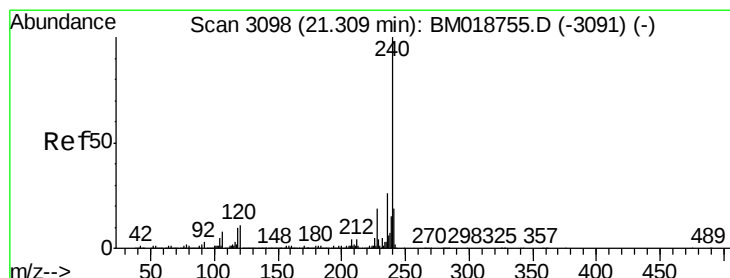
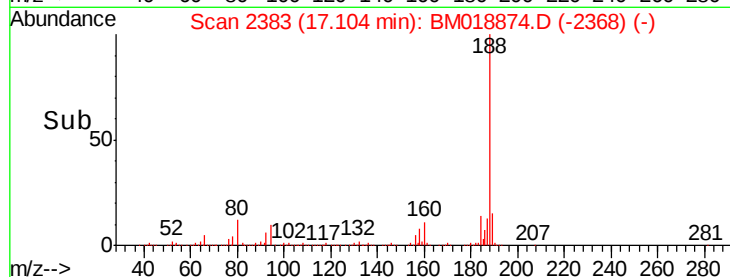
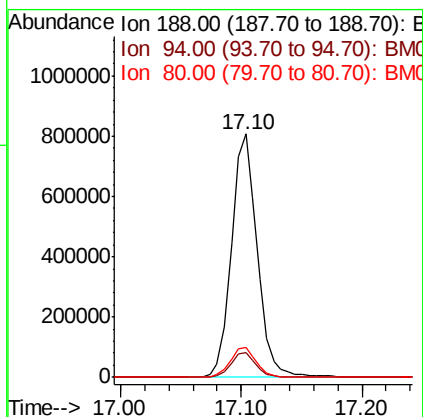
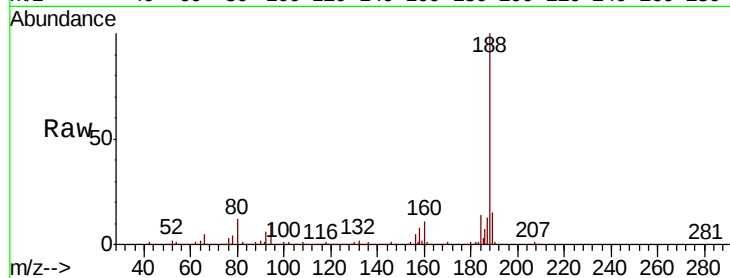




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018874.D
Acq: 20 Feb 2019 03:38

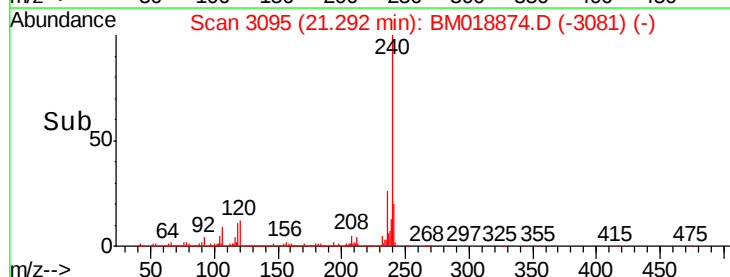
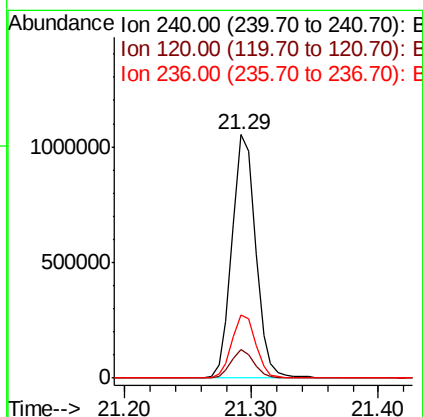
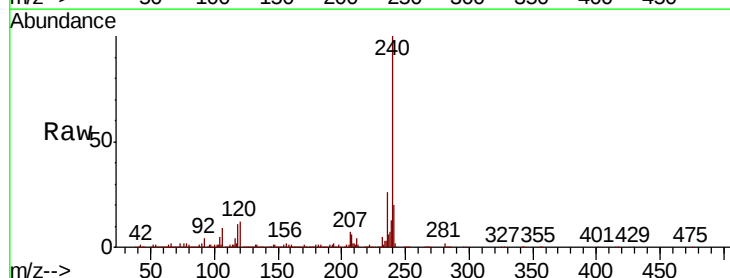
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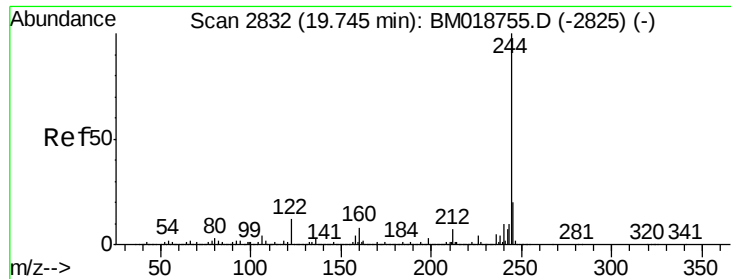
Tot Ion:188 Resp: 1200521
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 12.0 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018874.D
Acq: 20 Feb 2019 03:38

Tgt Ion:240 Resp: 1364659
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.9 20.9 31.3

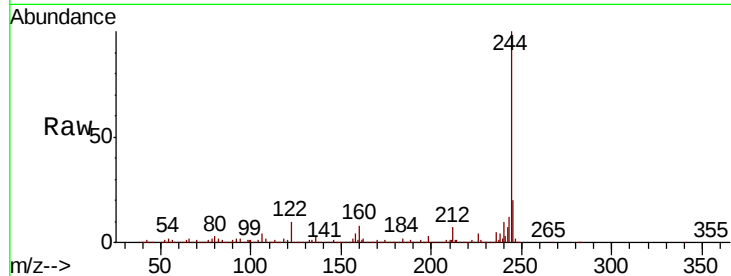




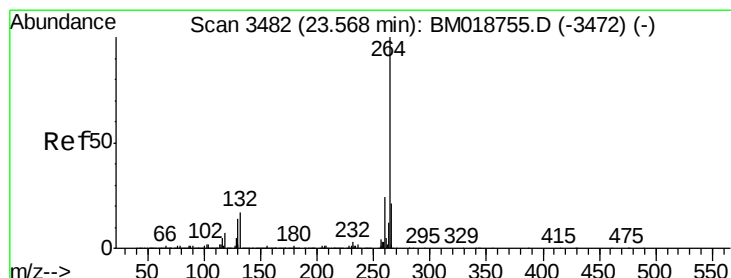
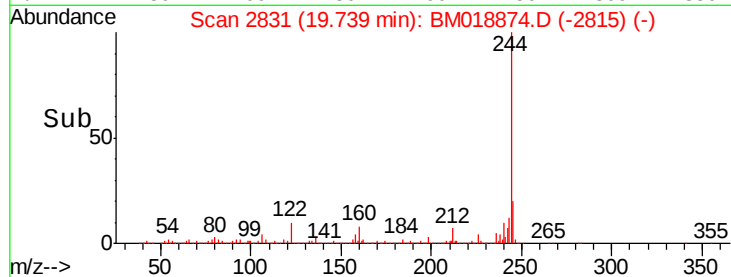
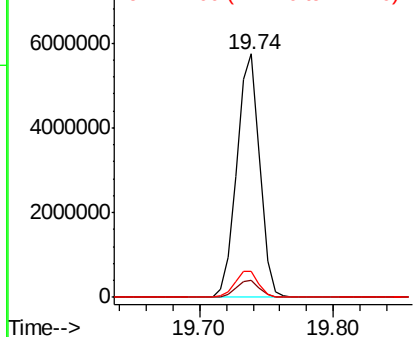
#79
 Terphenyl-d14
 Concen: 103.743 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018874.D
 Acq: 20 Feb 2019 03:38

Instrument :
 BNA_M
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-5

Tot Ion:244 Resp: 6862898
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.5 9.3 13.9

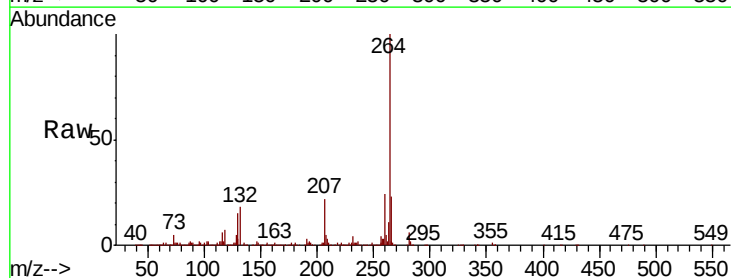


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.54 min Scan# 3478
 Delta R.T. -0.02 min
 Lab File: BM018874.D
 Acq: 20 Feb 2019 03:38

Tgt Ion:264 Resp: 1226247
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 22.5 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

