

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021919\
 Data File : BM018866.D
 Acq On : 19 Feb 2019 20:50
 Operator : JU/SJ
 Sample : K1518-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-3

Quant Time: Feb 19 23:45:51 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

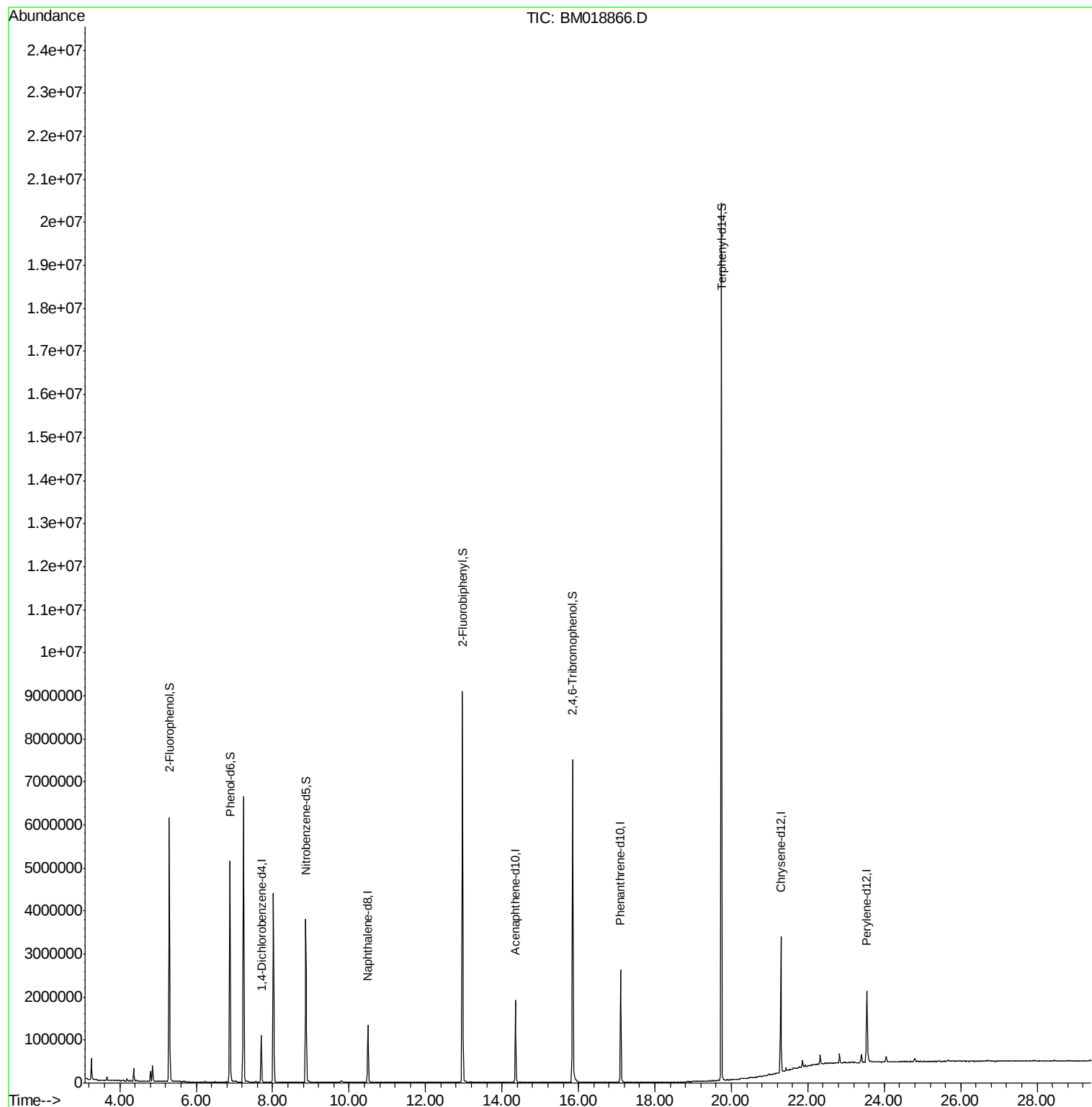
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	274534	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1099016	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	607112	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1448271	20.00	ng	-0.01
76) Chrysene-d12	21.29	240	1421872	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1203431	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2388482	142.55	ng	0.00
7) Phenol-d6	6.88	99	2876376	121.86	ng	0.00
23) Nitrobenzene-d5	8.87	82	2418113	101.74	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	1365617	156.05	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	4341352	94.93	ng	-0.01
79) Terphenyl-d14	19.74	244	8294814	120.34	ng	0.00
Target Compounds						
9) Benzaldehyde	6.88	77	6703	Below Cal	Qvalue #	7

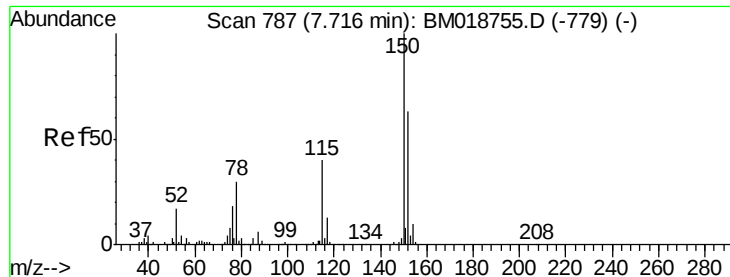
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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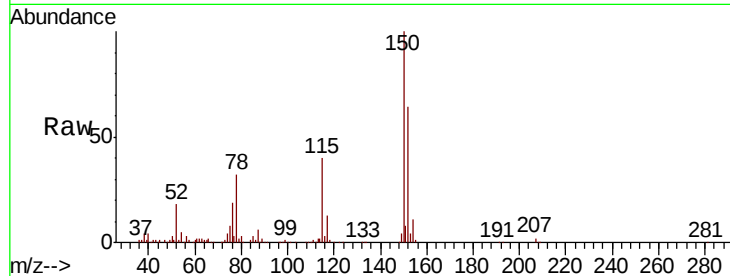


#1

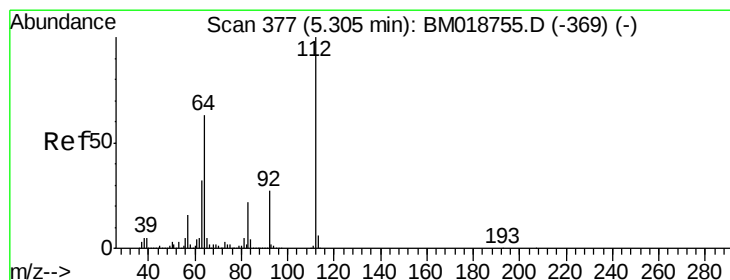
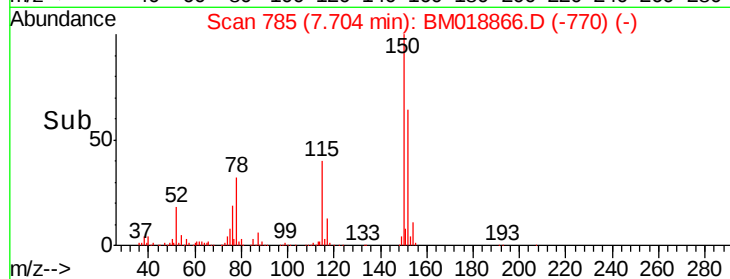
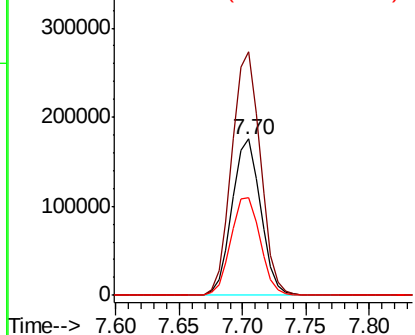
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018866.D
Acq: 19 Feb 2019 20:50

Instrument :
BNA_M
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-3

Tgt Ion:152 Resp: 274534
Ion Ratio Lower Upper
152 100
150 155.7 127.3 190.9
115 62.3 50.8 76.2



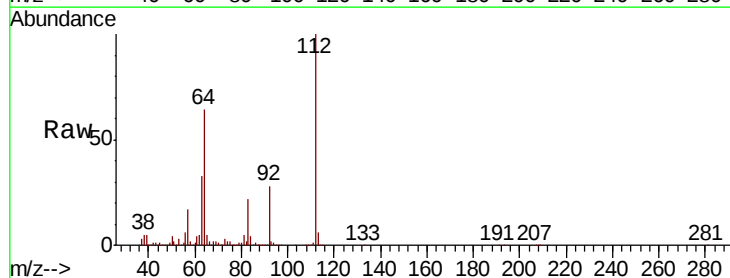
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



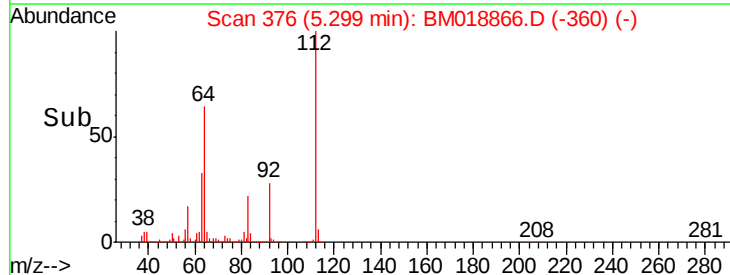
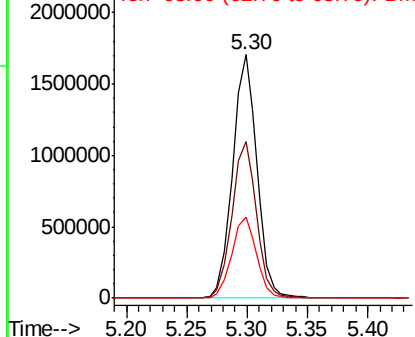
#5

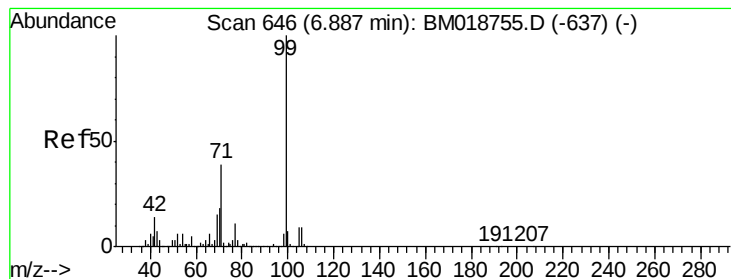
2-Fluorophenol
Concen: 142.549 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018866.D
Acq: 19 Feb 2019 20:50

Tgt Ion:112 Resp: 2388482
Ion Ratio Lower Upper
112 100
64 64.1 50.6 75.8
63 33.4 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: 121.858 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018866.D

Acq: 19 Feb 2019 20:50

Instrument :

BNA_M

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-3

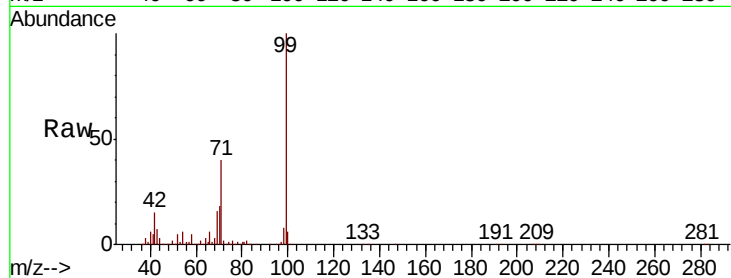
Tgt Ion: 99 Resp: 2876376

Ion Ratio Lower Upper

99 100

42 14.5 11.0 16.6

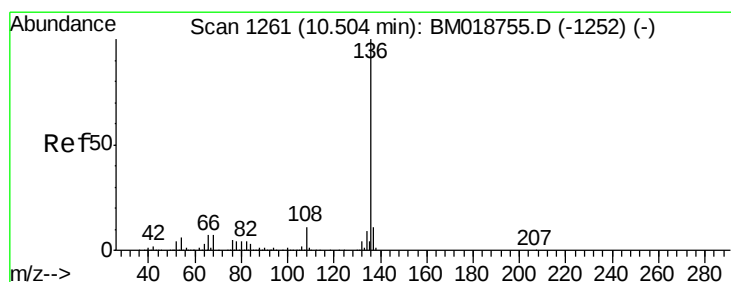
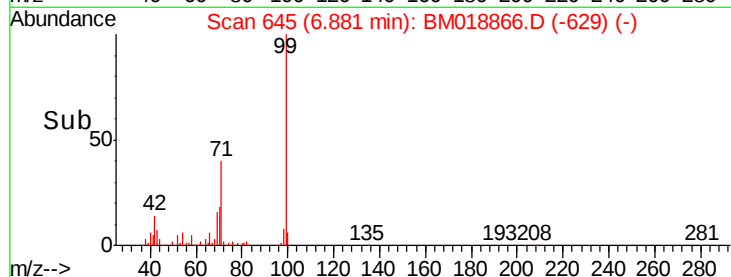
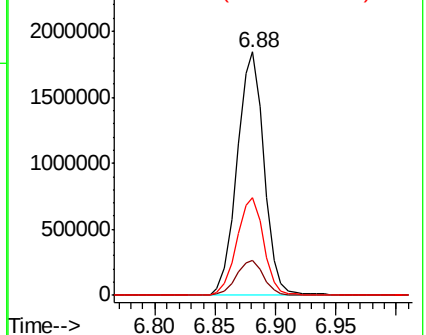
71 40.1 31.3 46.9



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: BM018866.D

Acq: 19 Feb 2019 20:50

Tgt Ion: 136 Resp: 1099016

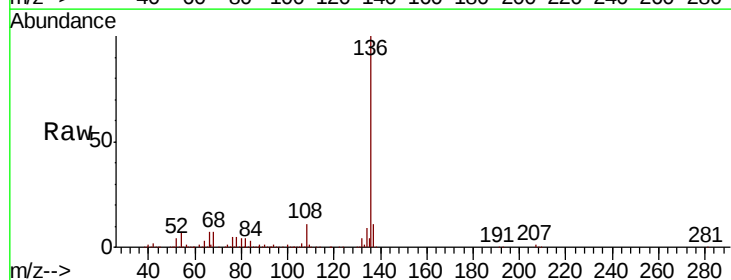
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.5 5.0 7.6

68 7.1 5.5 8.3

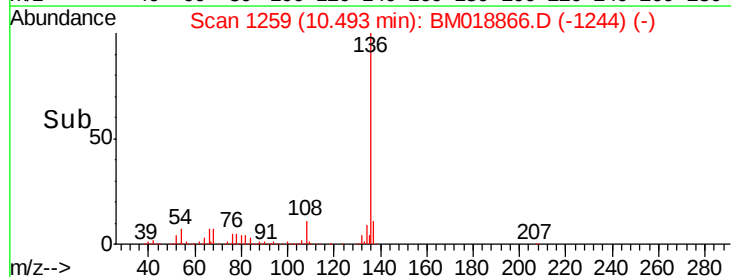
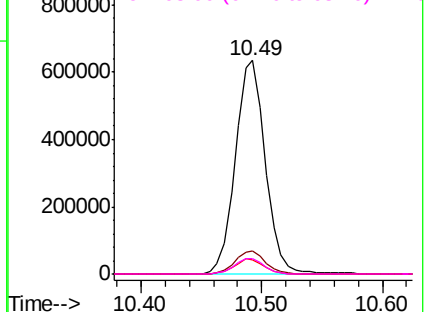


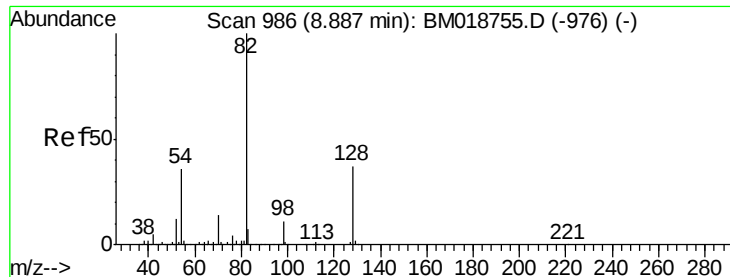
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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: 101.737 ng

RT: 8.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BM018866.D

Acq: 19 Feb 2019 20:50

Instrument :

BNA_M

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-3

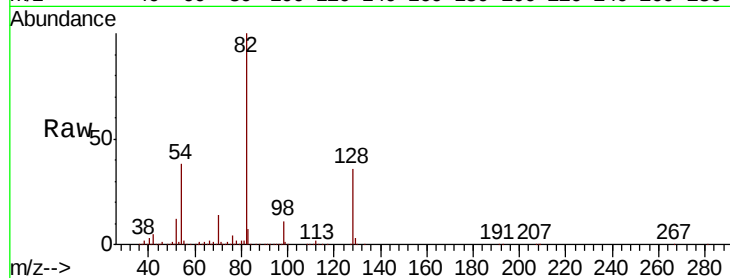
Tgt Ion: 82 Resp: 2418113

Ion Ratio Lower Upper

82 100

128 35.6 29.9 44.9

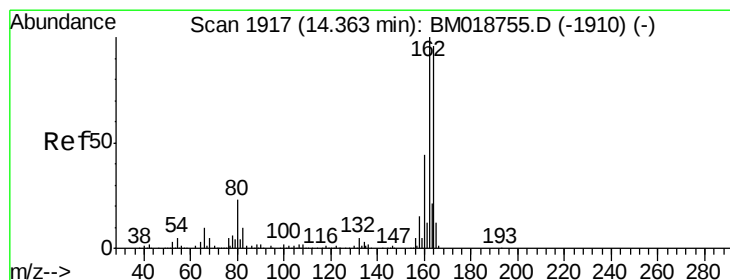
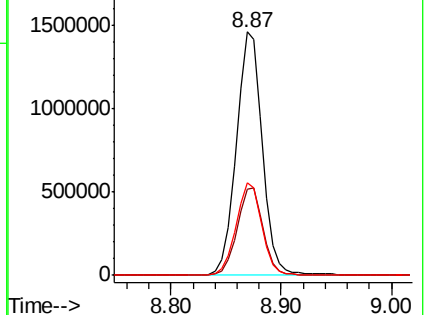
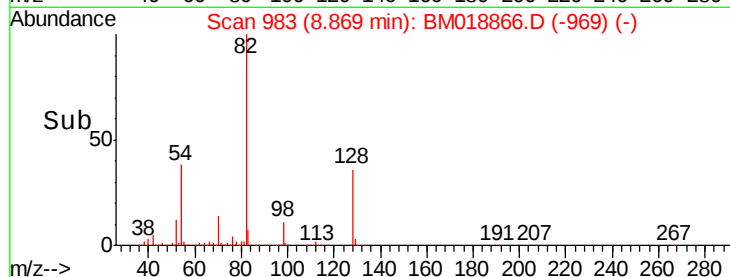
54 37.8 29.1 43.7



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: BM018866.D

Acq: 19 Feb 2019 20:50

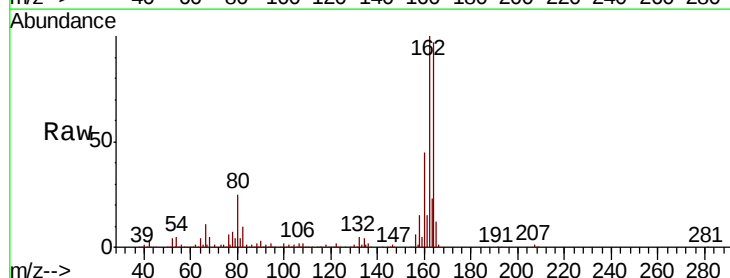
Tgt Ion: 164 Resp: 607112

Ion Ratio Lower Upper

164 100

162 103.0 83.4 125.0

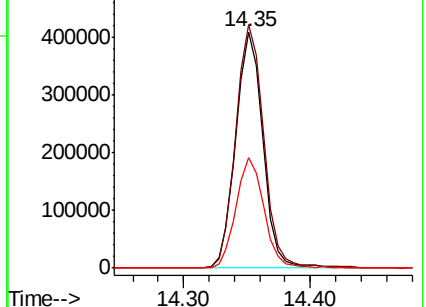
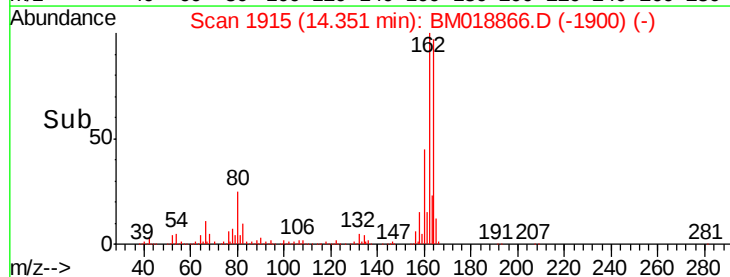
160 46.8 36.6 55.0

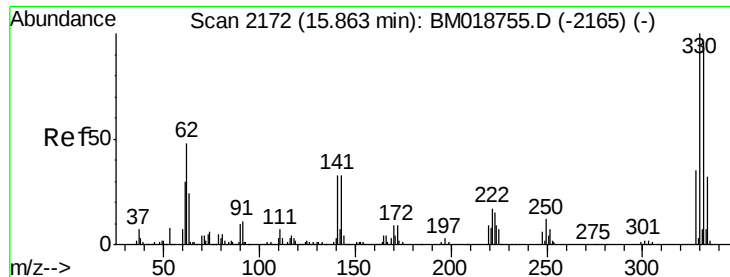


Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)

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

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

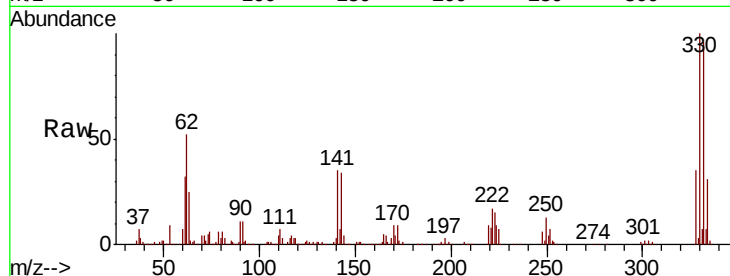




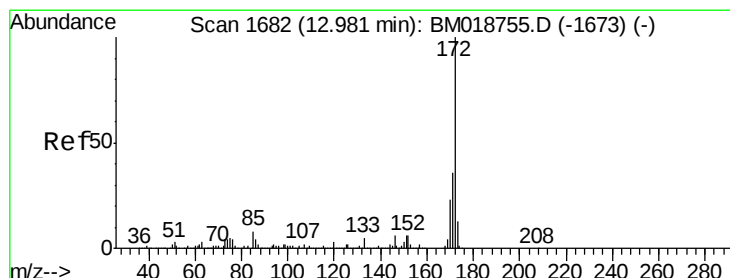
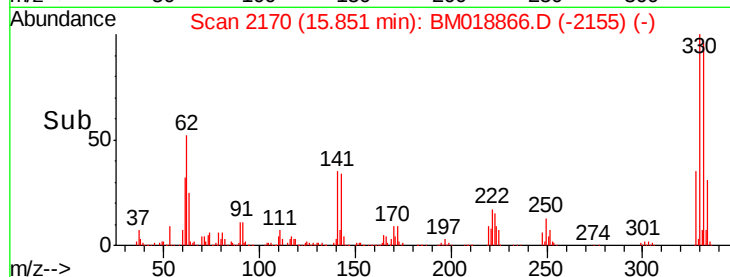
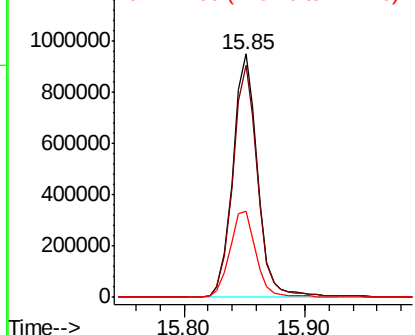
#42
 2,4,6-Tribromophenol
 Concen: 156.046 ng
 RT: 15.85 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM018866.D
 Acq: 19 Feb 2019 20:50

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 CABLE-BRIDGE-FOUNDATION-D-3

Tgt Ion:330 Resp: 1365617
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.9 115.3
 141 37.7 28.7 43.1

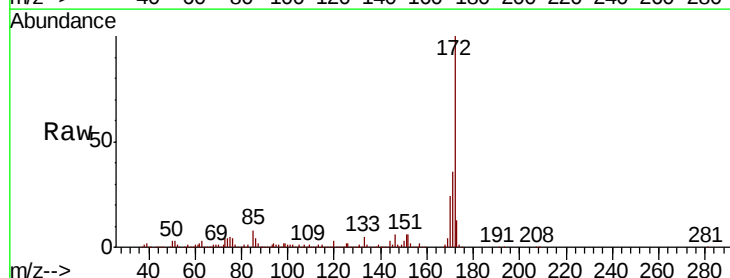


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

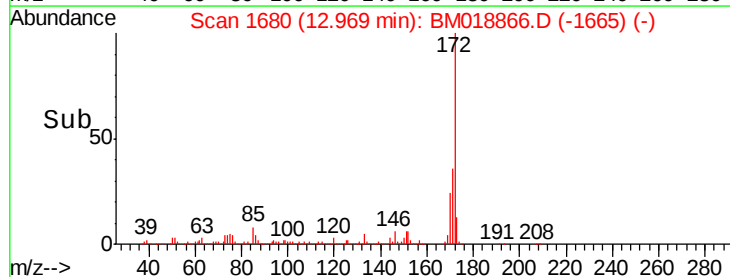
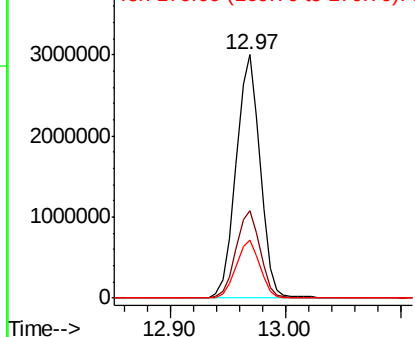


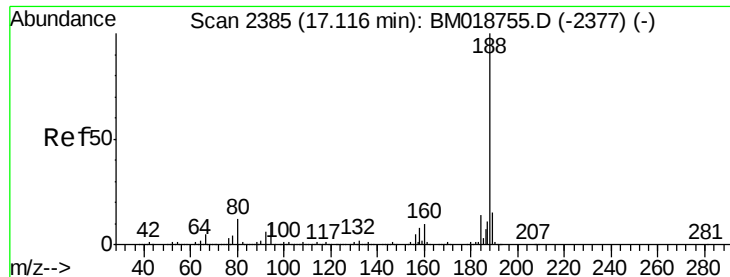
#45
 2-Fluorobiphenyl
 Concen: 94.925 ng
 RT: 12.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM018866.D
 Acq: 19 Feb 2019 20:50

Tgt Ion:172 Resp: 4341352
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 23.9 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

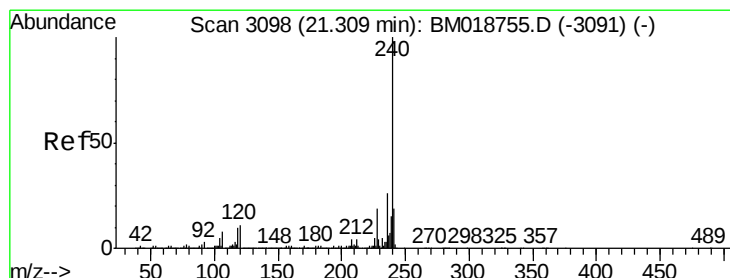
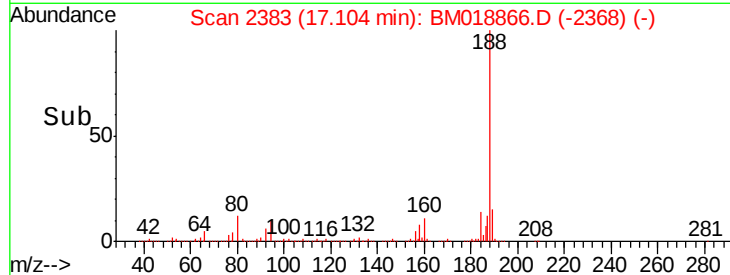
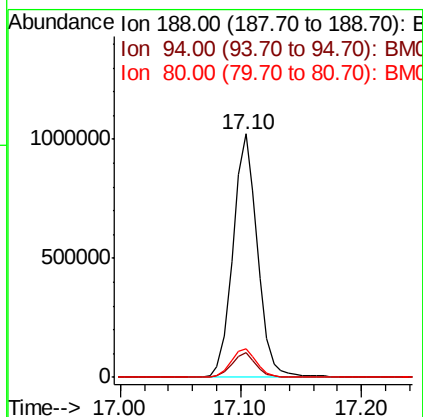
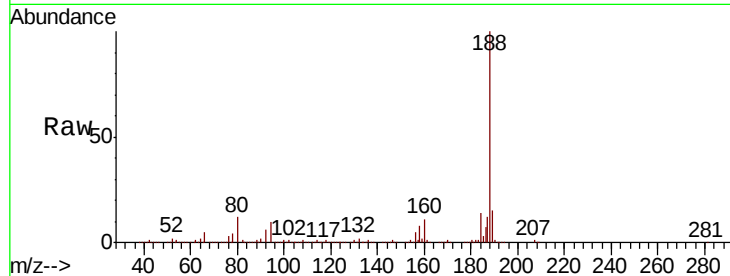




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018866.D
Acq: 19 Feb 2019 20:50

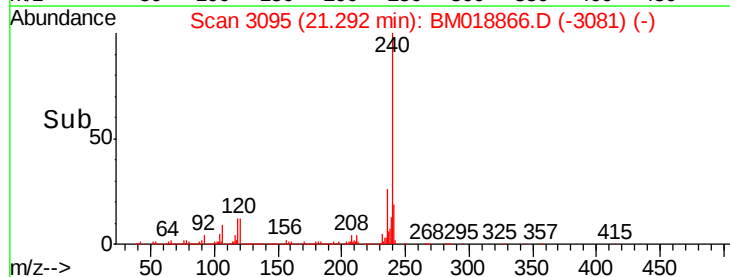
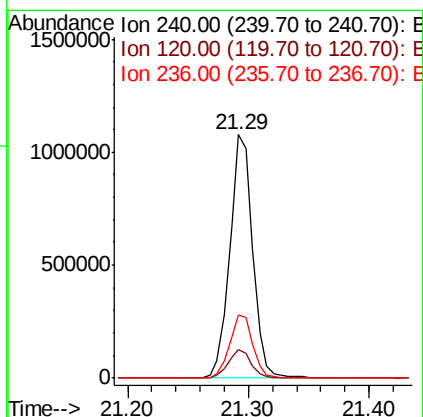
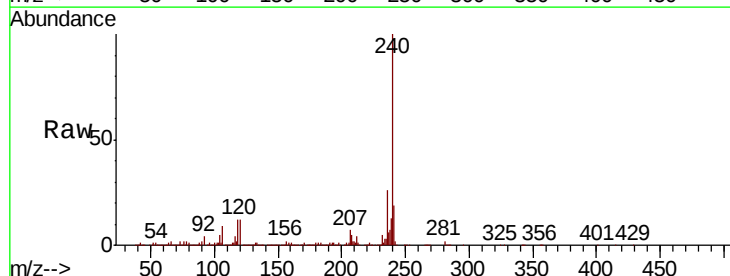
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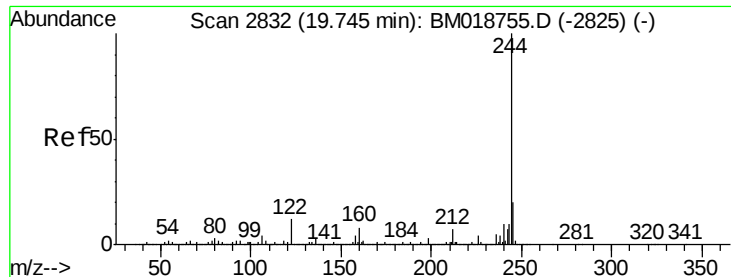
Tgt Ion:188 Resp: 1448271
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 12.0 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018866.D
Acq: 19 Feb 2019 20:50

Tgt Ion:240 Resp: 1421872
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 120.344 ng

RT: 19.74 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM018866.D

Acq: 19 Feb 2019 20:50

Instrument :

BNA_M

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-3

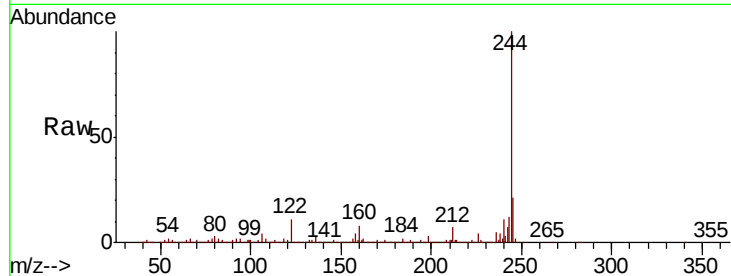
Tgt Ion:244 Resp: 8294814

Ion Ratio Lower Upper

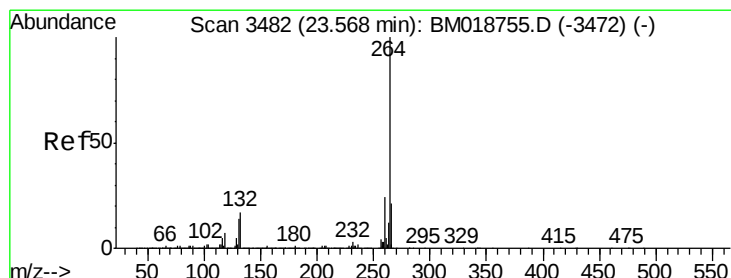
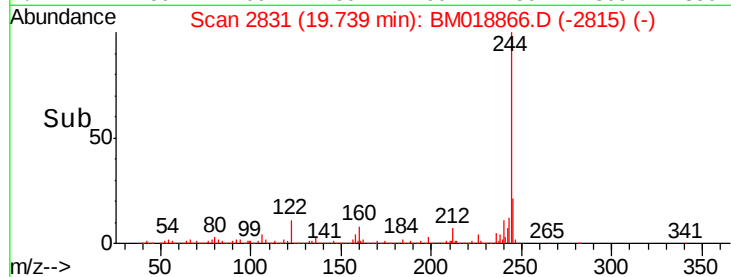
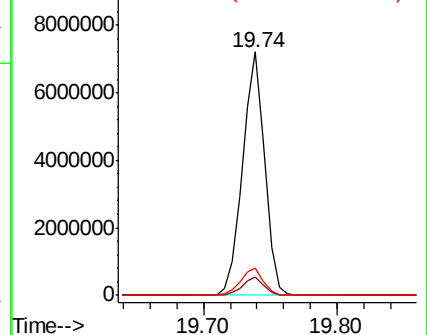
244 100

212 7.4 5.6 8.4

122 11.1 9.3 13.9



Abundance Ion 244.00 (243.70 to 244.70): E
1e+07 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: BM018866.D

Acq: 19 Feb 2019 20:50

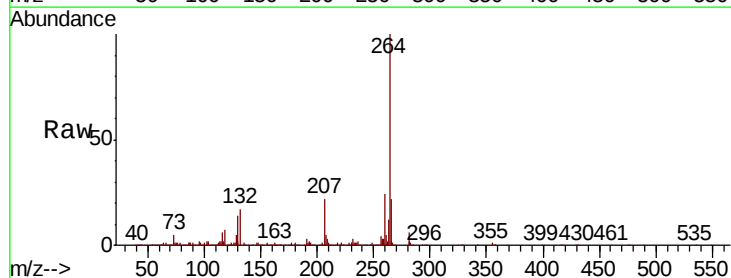
Tgt Ion:264 Resp: 1203431

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 21.7 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
800000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

