

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021919\
 Data File : BM018867.D
 Acq On : 19 Feb 2019 21:26
 Operator : JU/SJ
 Sample : K1518-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-4

Quant Time: Feb 19 23:46:00 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

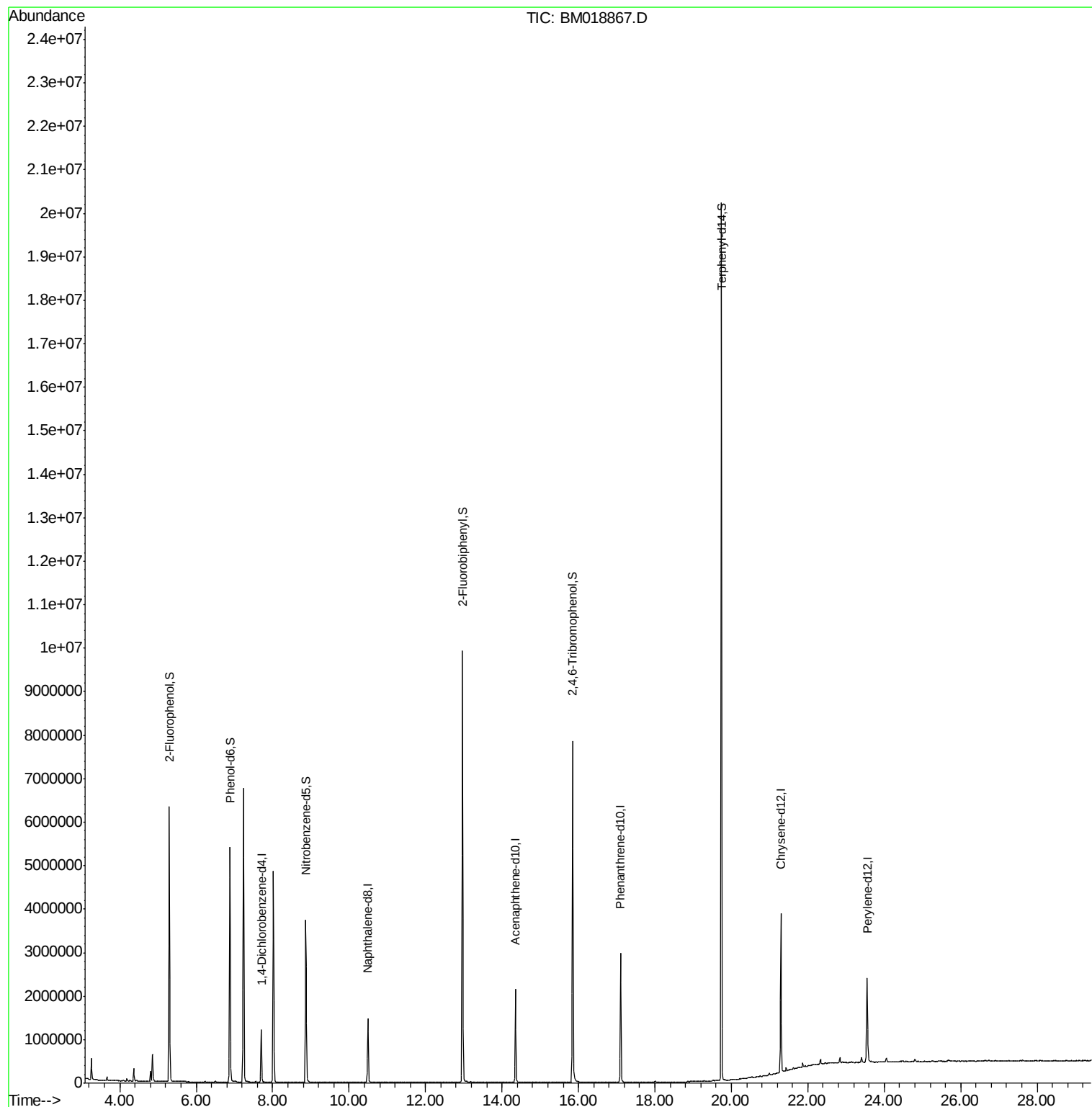
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	305238	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1219400	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	682367	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1638066	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1614094	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1372985	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2420595	129.93	ng	0.00
7) Phenol-d6	6.88	99	2951112	112.45	ng	0.00
23) Nitrobenzene-d5	8.87	82	2424545	91.94	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	1384059	140.71	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	4676768	90.98	ng	-0.01
79) Terphenyl-d14	19.74	244	8452364	108.03	ng	0.00
Target Compounds						
9) Benzaldehyde	6.88	77	7143	Below Cal	Qvalue #	13

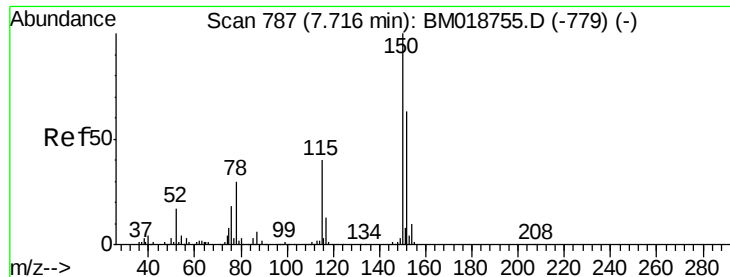
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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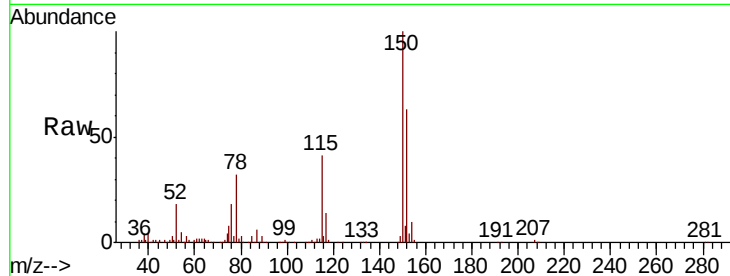


#1

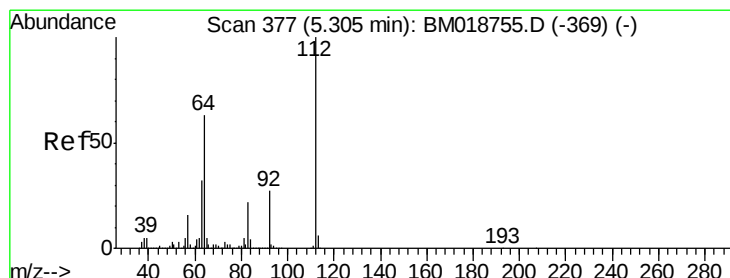
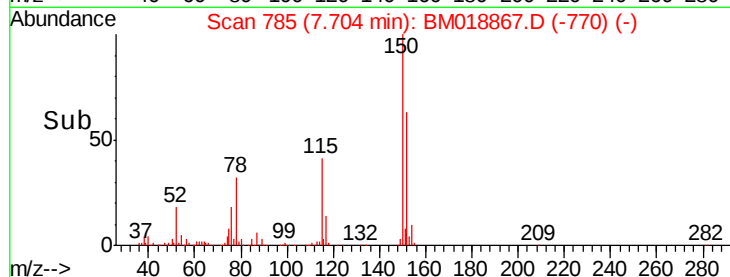
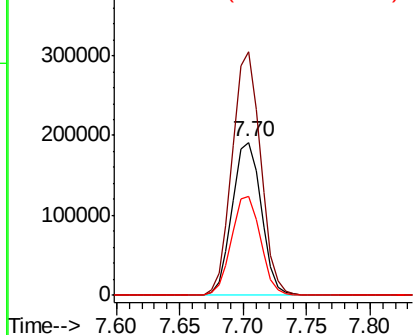
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018867.D
Acq: 19 Feb 2019 21:26

Instrument :
BNA_M
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-4

Tgt Ion:152 Resp: 305238
Ion Ratio Lower Upper
152 100
150 159.0 127.3 190.9
115 64.8 50.8 76.2



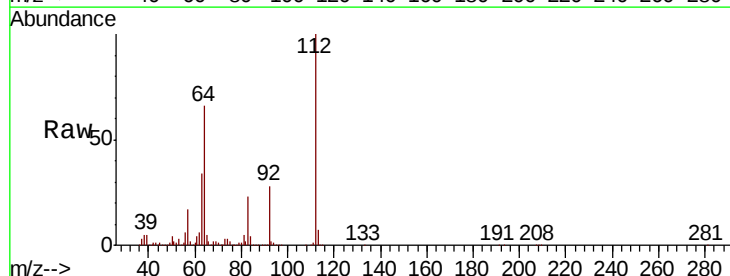
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



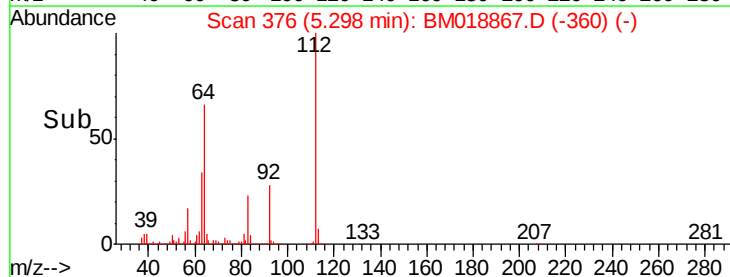
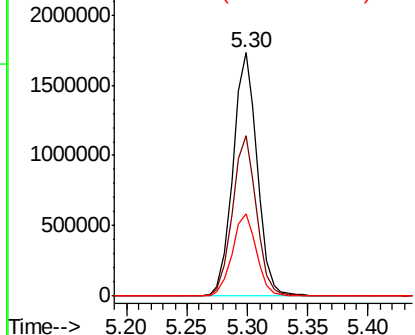
#5

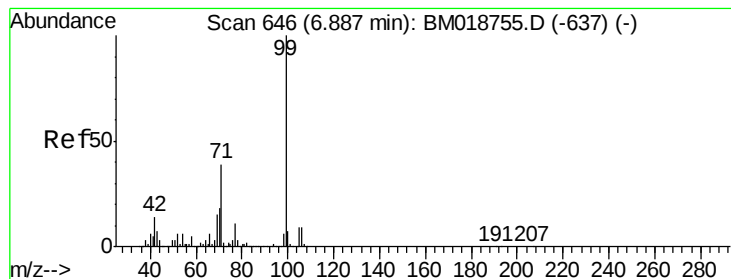
2-Fluorophenol
Concen: 129.934 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018867.D
Acq: 19 Feb 2019 21:26

Tgt Ion:112 Resp: 2420595
Ion Ratio Lower Upper
112 100
64 65.7 50.6 75.8
63 34.1 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: 112.448 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018867.D

Acq: 19 Feb 2019 21:26

Instrument :

BNA_M

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-4

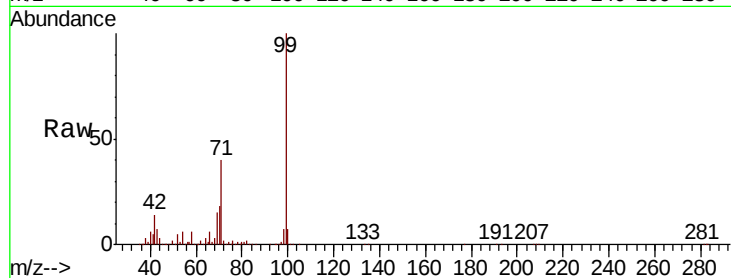
Tgt Ion: 99 Resp: 2951112

Ion Ratio Lower Upper

99 100

42 14.3 11.0 16.6

71 39.6 31.3 46.9

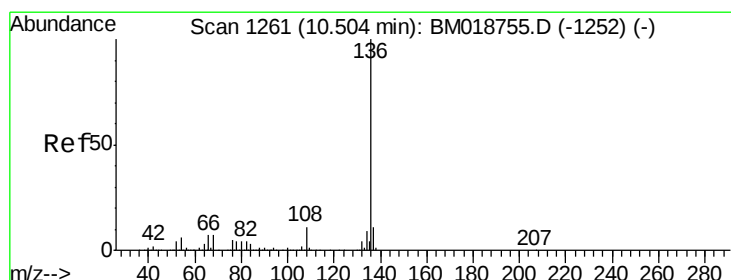
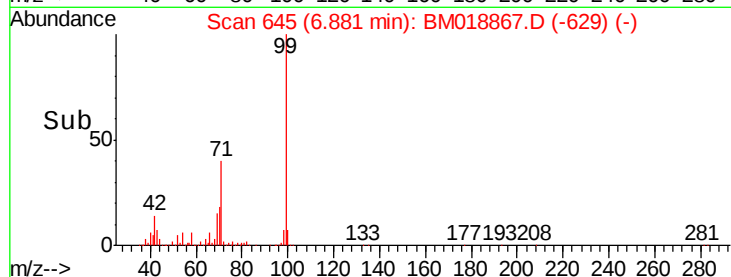
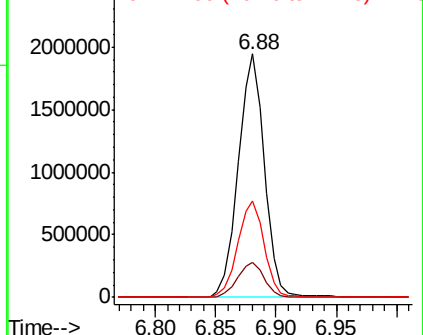


Abundance

Ion 99.00 (98.70 to 99.70): BM018867.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018867.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018867.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018867.D

Acq: 19 Feb 2019 21:26

Tgt Ion: 136 Resp: 1219400

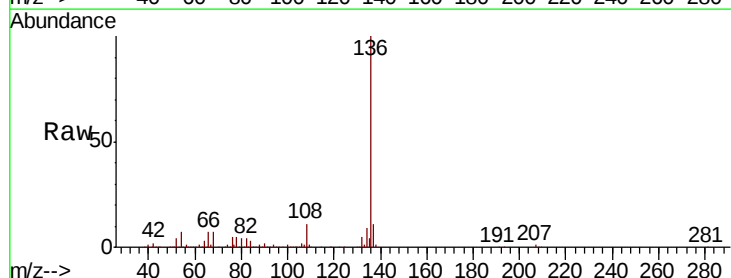
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.7 5.0 7.6

68 7.2 5.5 8.3



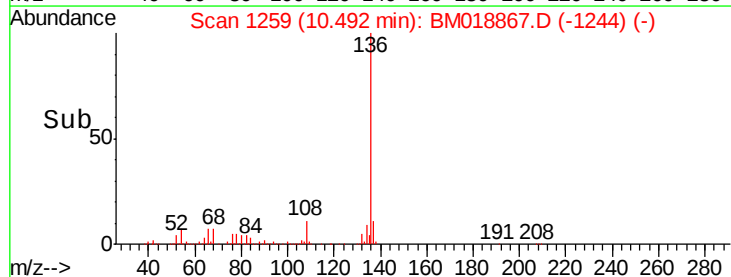
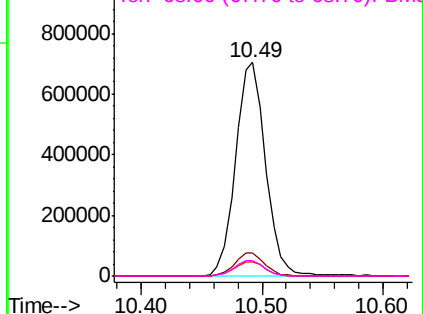
Abundance

Ion 136.00 (135.70 to 136.70): BM018867.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM018867.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018867.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018867.D (-1244) (-)





#23

Nitrobenzene-d5

Concen: 91.937 ng

RT: 8.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BM018867.D

Acq: 19 Feb 2019 21:26

Instrument :

BNA_M

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-4

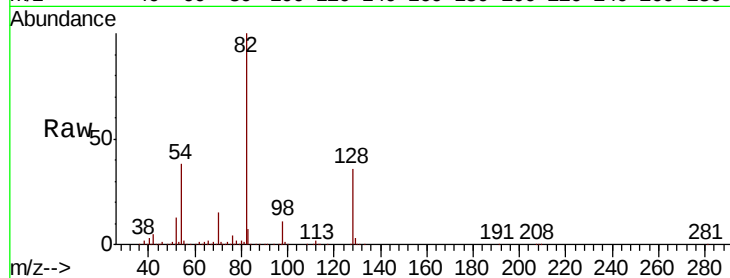
Tgt Ion: 82 Resp: 2424545

Ion Ratio Lower Upper

82 100

128 35.8 29.9 44.9

54 38.2 29.1 43.7

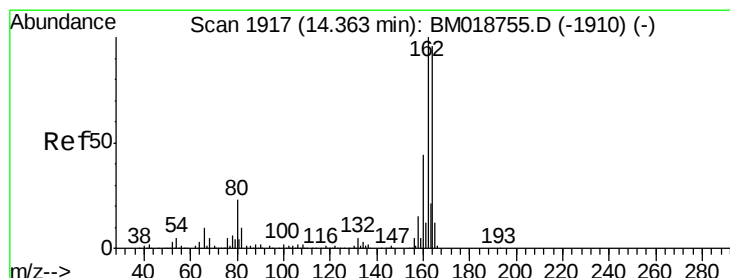
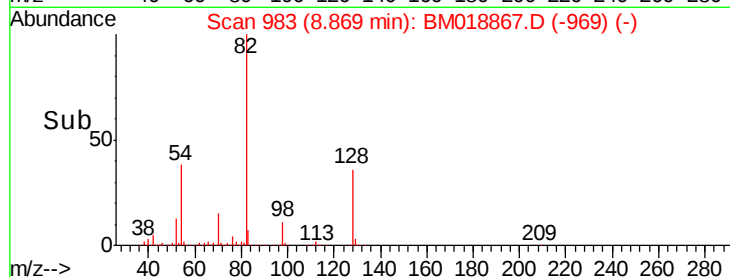
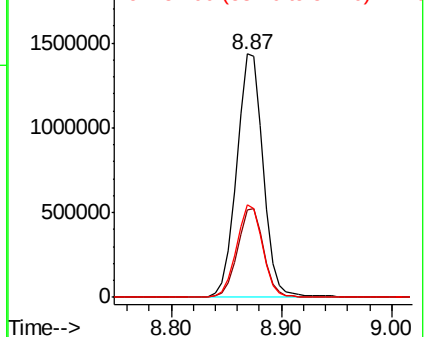


Abundance

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: BM018867.D

Acq: 19 Feb 2019 21:26

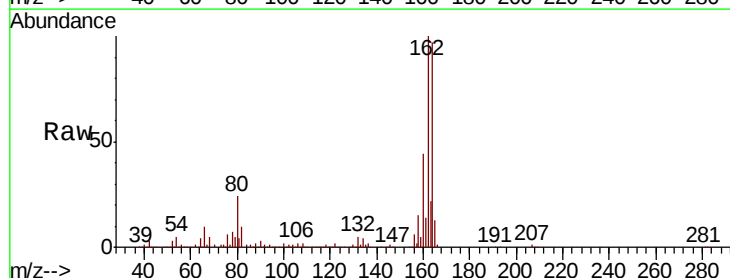
Tgt Ion: 164 Resp: 682367

Ion Ratio Lower Upper

164 100

162 103.3 83.4 125.0

160 45.2 36.6 55.0

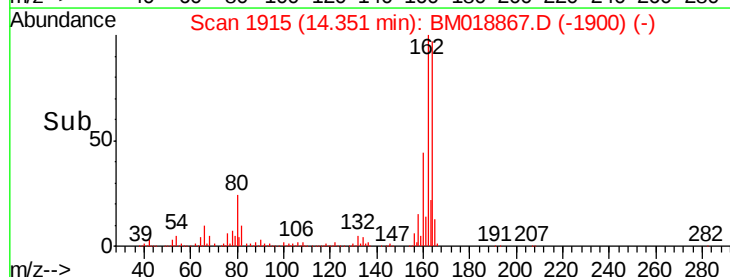
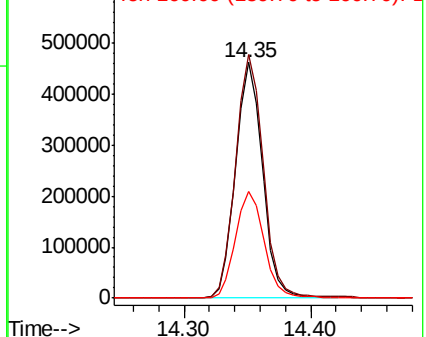


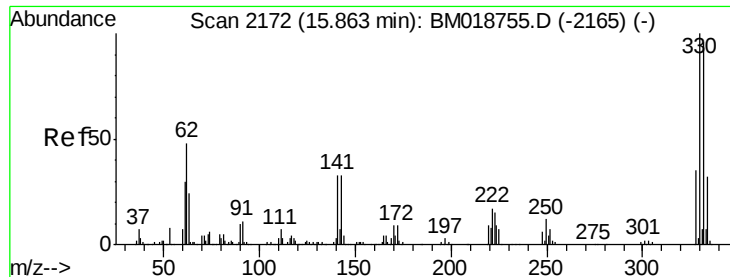
Abundance

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) (-)

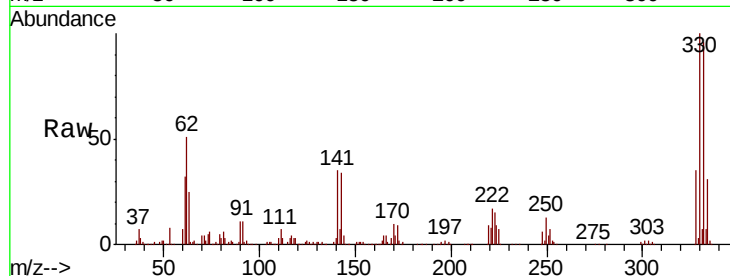




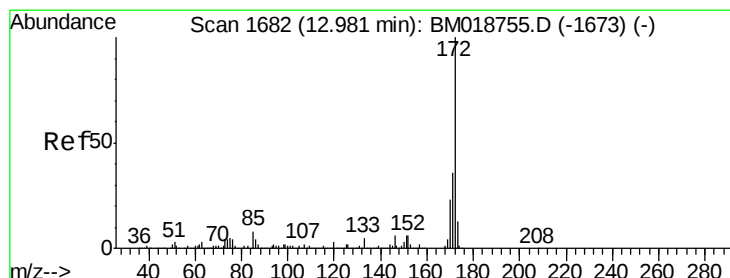
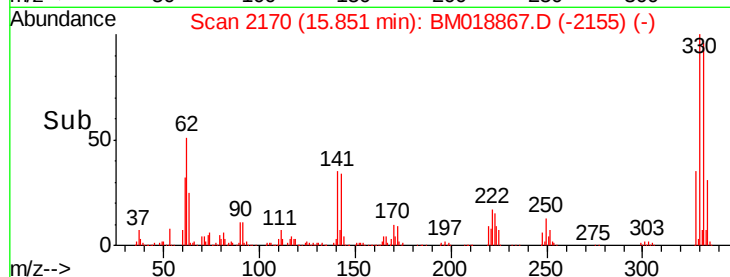
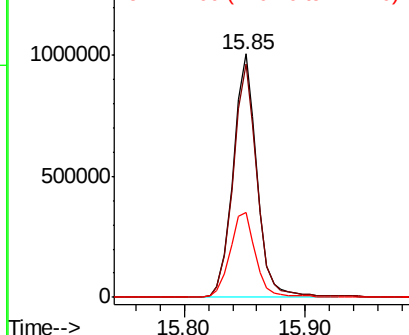
#42
 2,4,6-Tribromophenol
 Concen: 140.712 ng
 RT: 15.85 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM018867.D
 Acq: 19 Feb 2019 21:26

Instrument :
 BNA_M
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-4

Tgt Ion:330 Resp: 1384059
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.9 115.3
 141 37.6 28.7 43.1

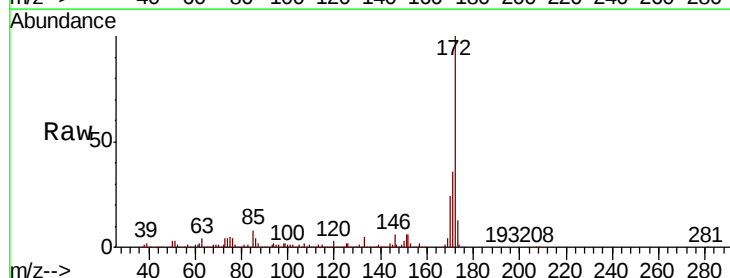


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

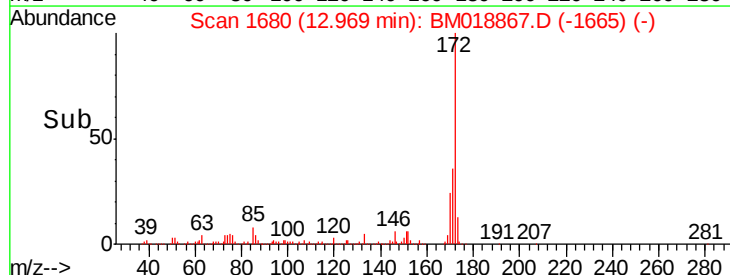
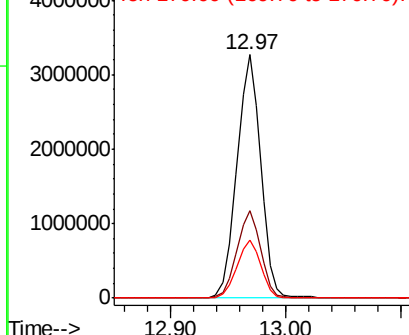


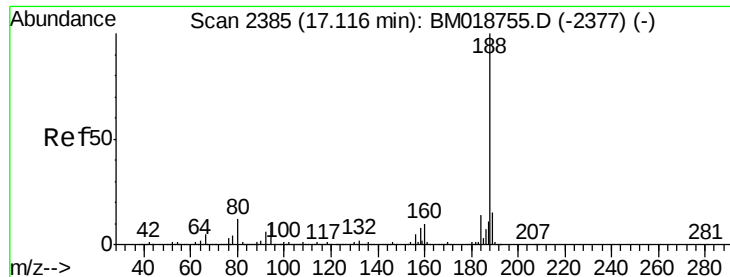
#45
 2-Fluorobiphenyl
 Concen: 90.982 ng
 RT: 12.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM018867.D
 Acq: 19 Feb 2019 21:26

Tgt Ion:172 Resp: 4676768
 Ion Ratio Lower Upper
 172 100
 171 36.1 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

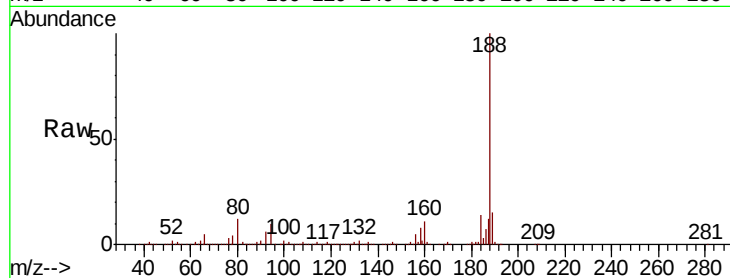




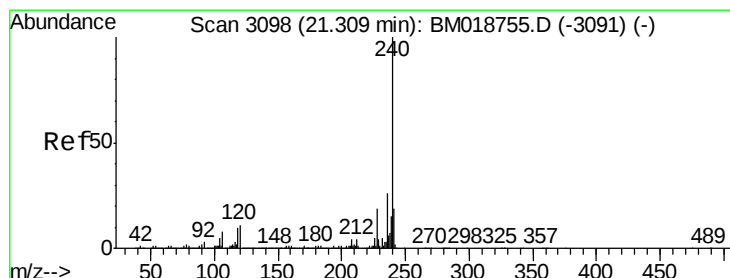
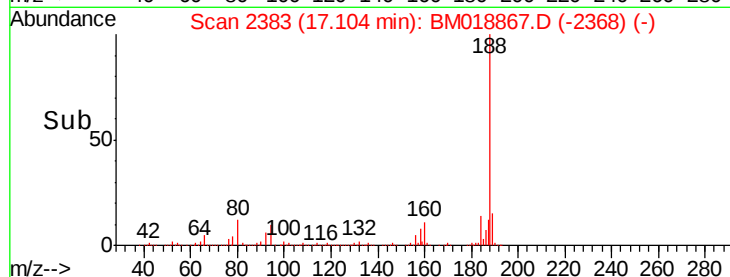
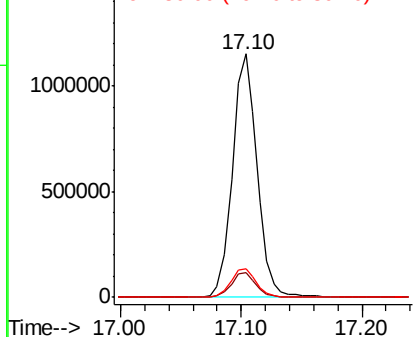
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018867.D
Acq: 19 Feb 2019 21:26

Instrument :
BNA_M
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-4

Tgt Ion:188 Resp: 1638066
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 11.9 9.7 14.5

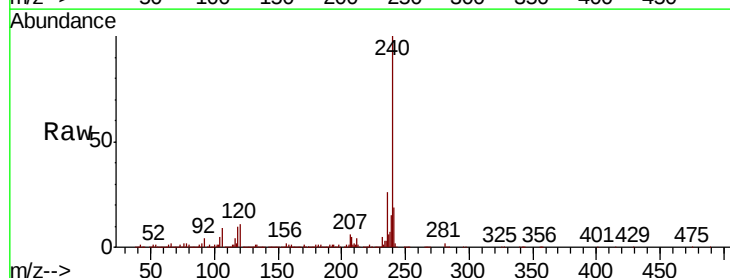


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

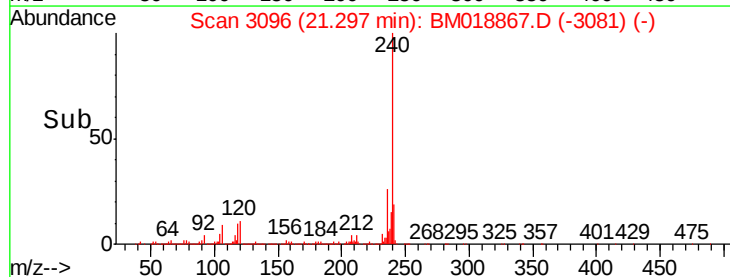
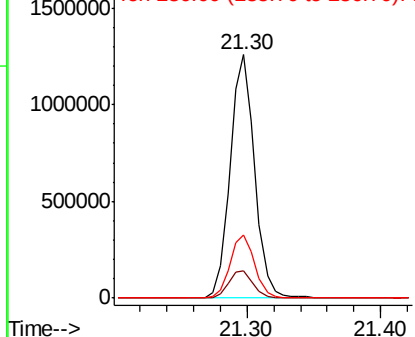


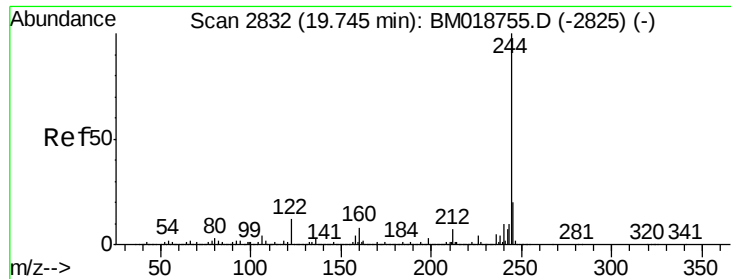
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM018867.D
Acq: 19 Feb 2019 21:26

Tgt Ion:240 Resp: 1614094
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 26.0 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: 108.026 ng

RT: 19.74 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM018867.D

Acq: 19 Feb 2019 21:26

Instrument :

BNA_M

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-4

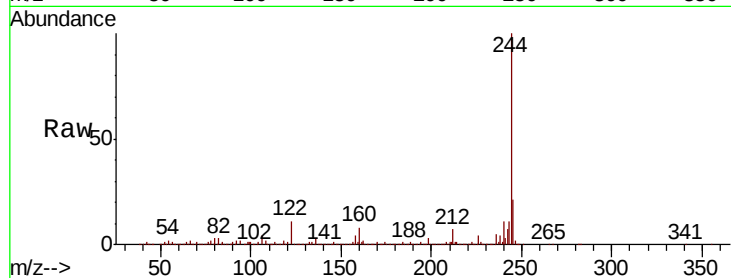
Tgt Ion:244 Resp: 8452364

Ion Ratio Lower Upper

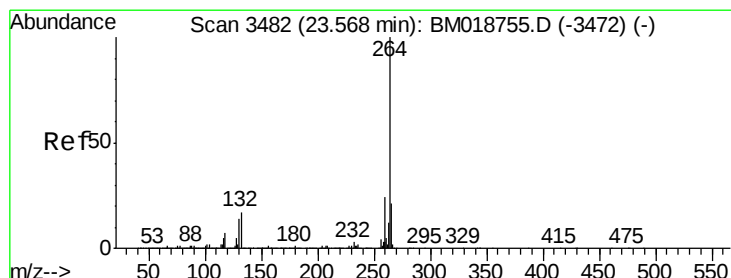
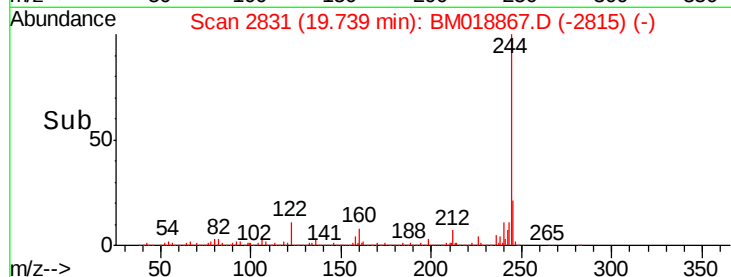
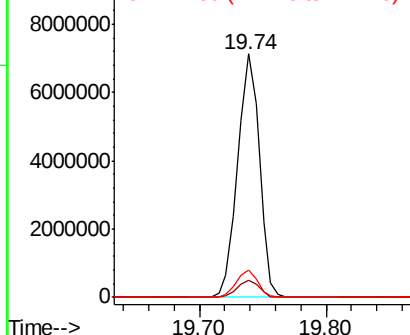
244 100

212 7.1 5.6 8.4

122 11.2 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: BM018867.D

Acq: 19 Feb 2019 21:26

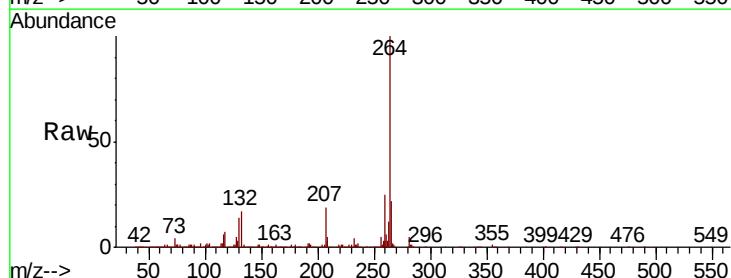
Tgt Ion:264 Resp: 1372985

Ion Ratio Lower Upper

264 100

260 24.5 18.9 28.3

265 22.0 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

