

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021919\
 Data File : BM018870.D
 Acq On : 20 Feb 2019 01:12
 Operator : JU/SJ
 Sample : K1518-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-8

Quant Time: Feb 20 04:50:28 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

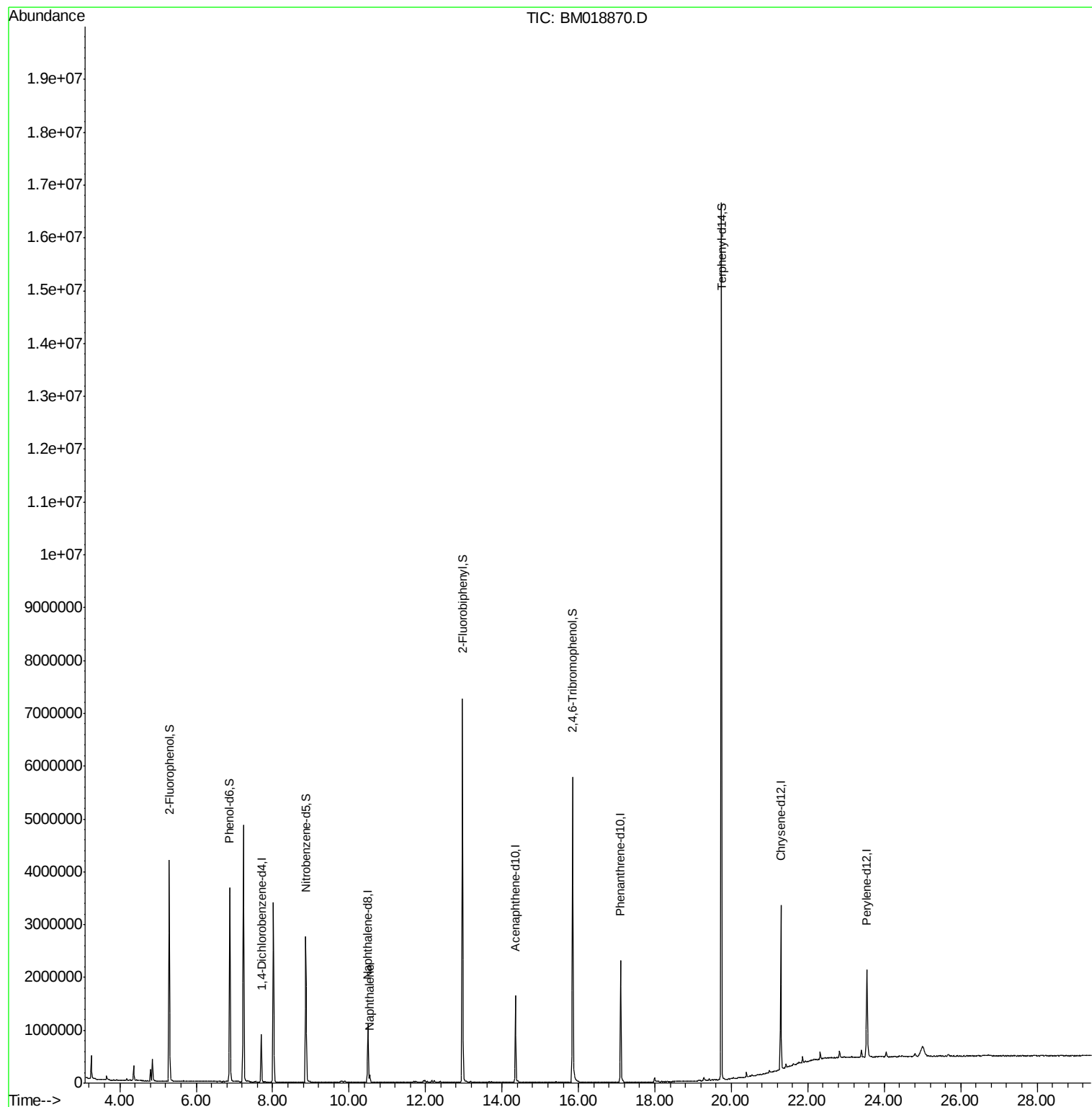
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	230013	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	898776	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	508493	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1267940	20.00	ng	-0.01
76) Chrysene-d12	21.29	240	1367082	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1191916	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1746956	124.44	ng	0.00
7) Phenol-d6	6.87	99	2085004	105.43	ng	-0.01
23) Nitrobenzene-d5	8.87	82	1811478	93.19	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	1078346	147.12	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	3496370	91.28	ng	-0.01
79) Terphenyl-d14	19.74	244	6989828	105.47	ng	0.00
Target Compounds						
9) Benzaldehyde	6.88	77	5442	Below Cal		Qvalue # 16
31) Naphthalene	10.54	128	102782	2.345 ng		99

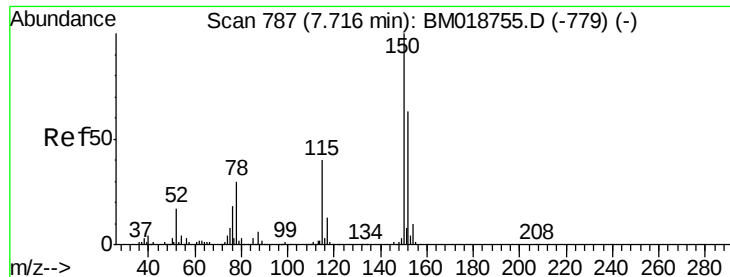
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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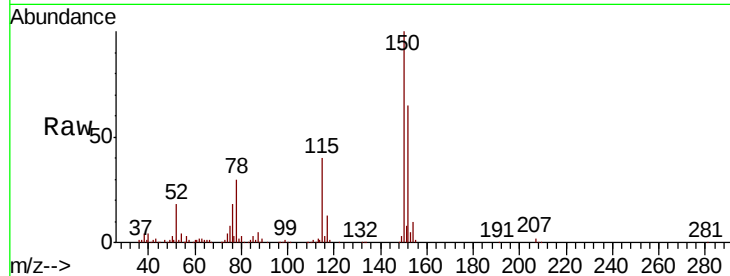


#1

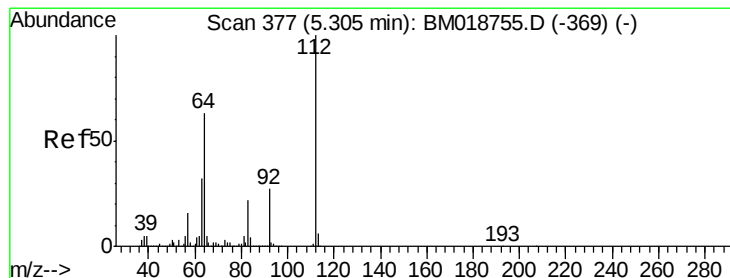
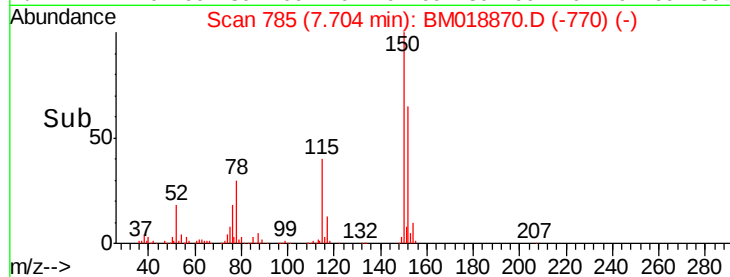
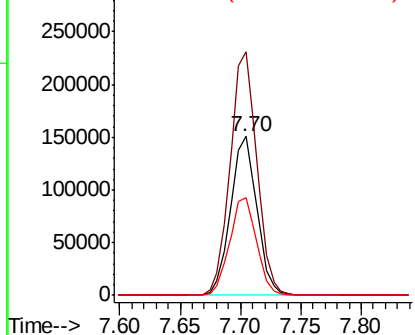
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018870.D
Acq: 20 Feb 2019 01:12

Instrument :
BNA_M
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-8

Tgt Ion:152 Resp: 230013
Ion Ratio Lower Upper
152 100
150 153.5 127.3 190.9
115 61.5 50.8 76.2



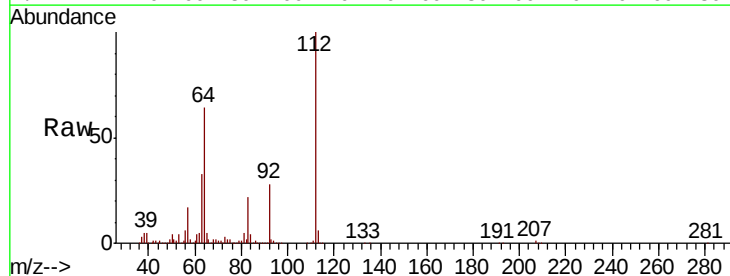
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



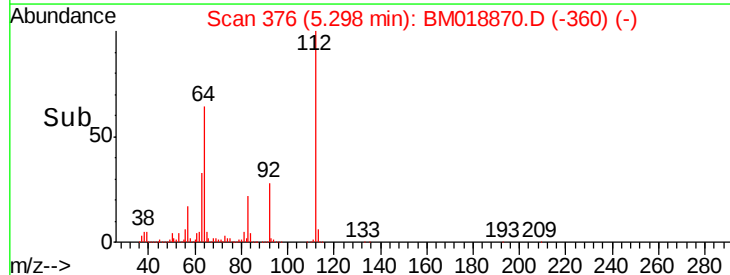
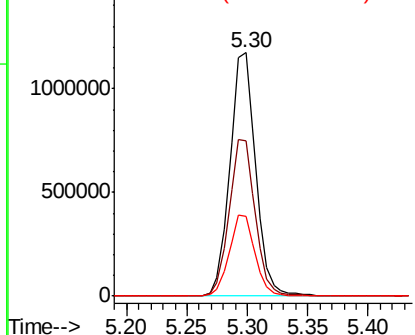
#5

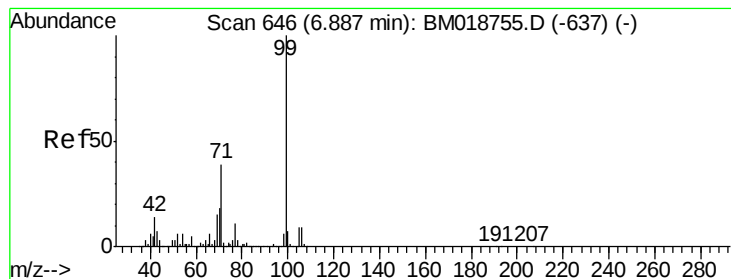
2-Fluorophenol
Concen: 124.443 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018870.D
Acq: 20 Feb 2019 01:12

Tgt Ion:112 Resp: 1746956
Ion Ratio Lower Upper
112 100
64 64.0 50.6 75.8
63 32.6 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: 105.429 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018870.D

Acq: 20 Feb 2019 01:12

Instrument :

BNA_M

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-8

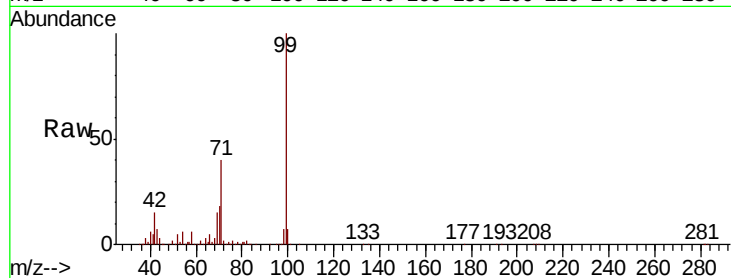
Tgt Ion: 99 Resp: 2085004

Ion Ratio Lower Upper

99 100

42 14.7 11.0 16.6

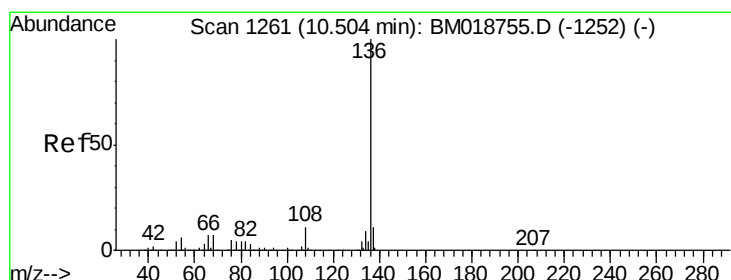
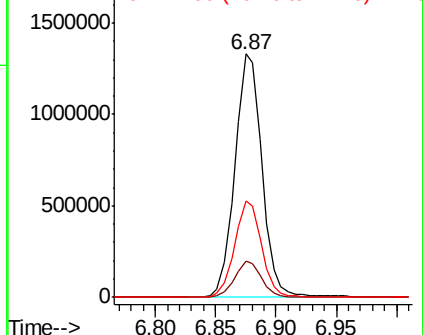
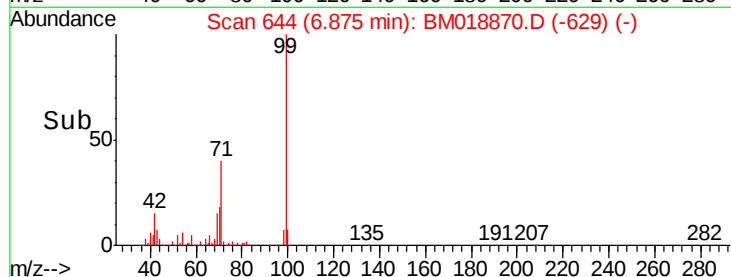
71 39.7 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018870.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018870.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018870.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018870.D

Acq: 20 Feb 2019 01:12

Tgt Ion: 136 Resp: 898776

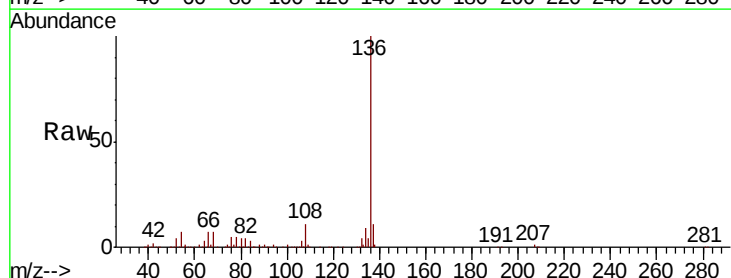
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 6.7 5.0 7.6

68 7.2 5.5 8.3

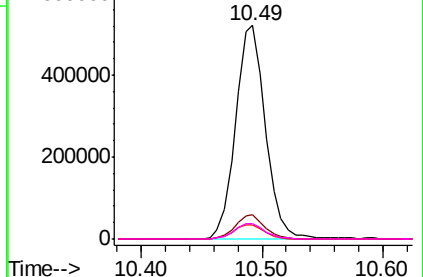
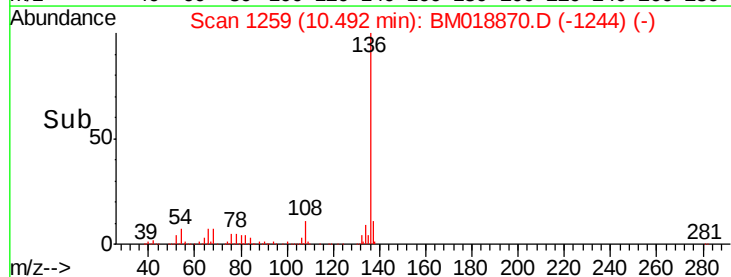


Abundance Ion 136.00 (135.70 to 136.70): BM018870.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM018870.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018870.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018870.D (-1244) (-)





#23

Nitrobenzene-d5

Concen: 93.194 ng

RT: 8.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BM018870.D

Acq: 20 Feb 2019 01:12

Instrument :

BNA_M

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-8

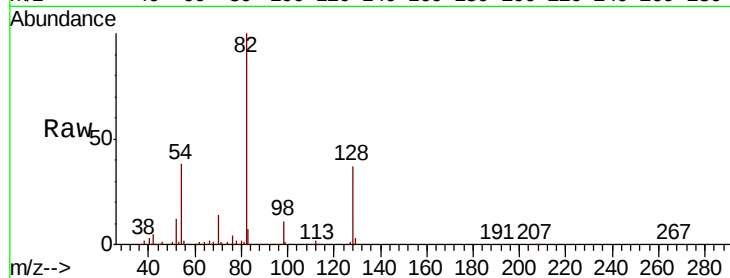
Tgt Ion: 82 Resp: 1811478

Ion Ratio Lower Upper

82 100

128 36.6 29.9 44.9

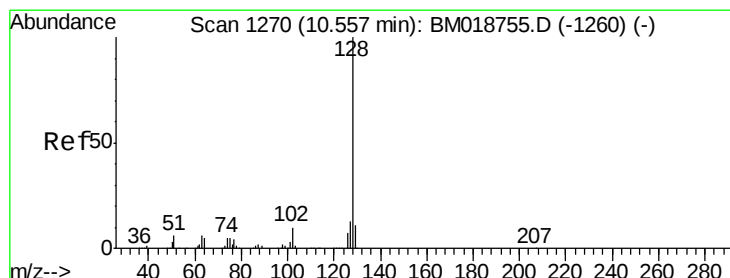
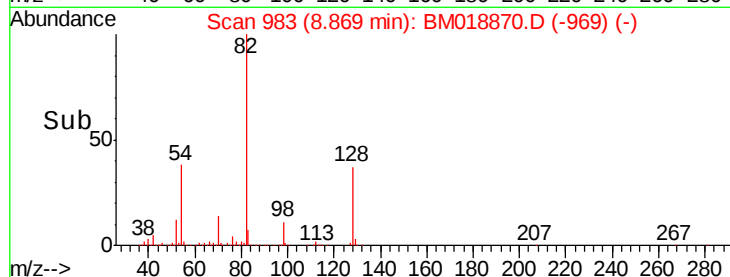
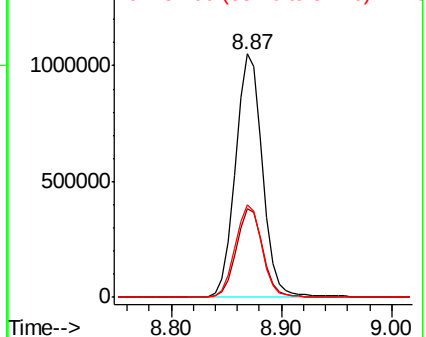
54 38.3 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018870.D (-969) (-)

Ion 128.00 (127.70 to 128.70): BM018870.D (-969) (-)

Ion 54.00 (53.70 to 54.70): BM018870.D (-969) (-)



#31

Naphthalene

Concen: 2.345 ng

RT: 10.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BM018870.D

Acq: 20 Feb 2019 01:12

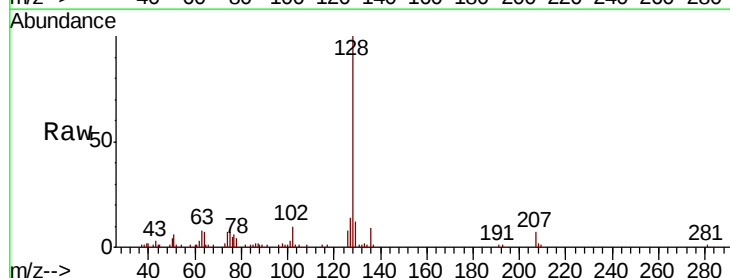
Tgt Ion: 128 Resp: 102782

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.4

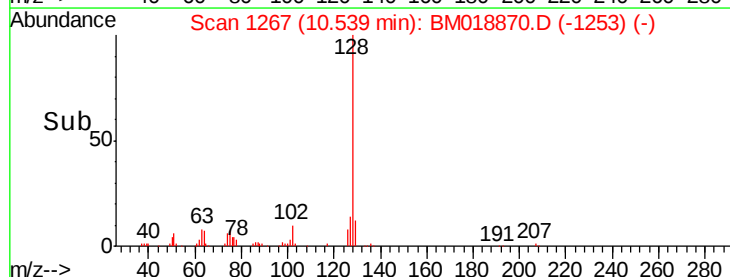
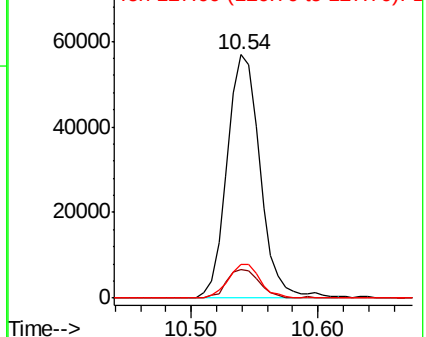
127 13.6 10.7 16.1

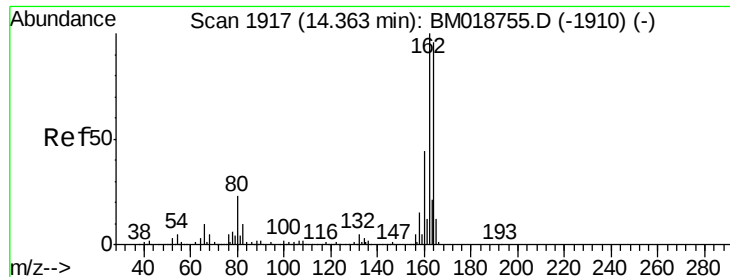


Abundance Ion 128.00 (127.70 to 128.70): BM018870.D (-1253) (-)

Ion 129.00 (128.70 to 129.70): BM018870.D (-1253) (-)

Ion 127.00 (126.70 to 127.70): BM018870.D (-1253) (-)

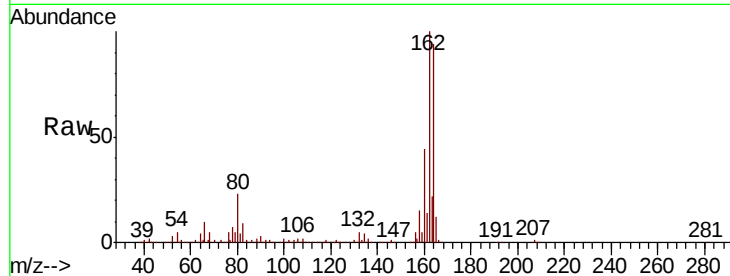




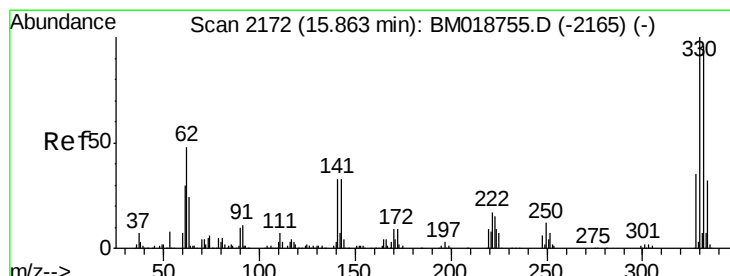
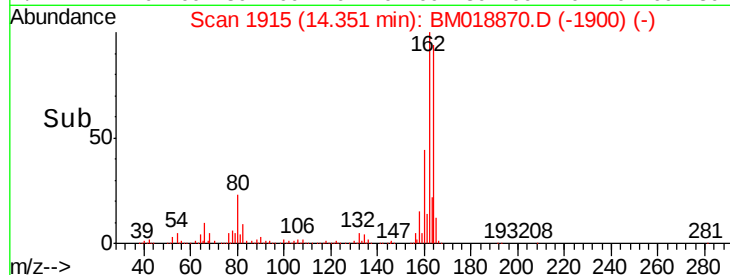
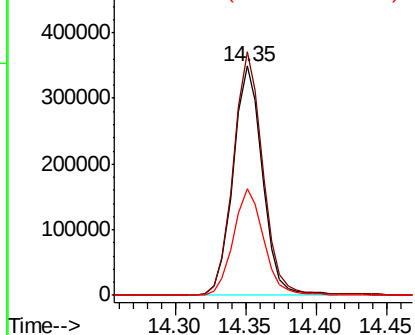
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018870.D
Acq: 20 Feb 2019 01:12

Instrument :
BNA_M
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-8

Tgt Ion:164 Resp: 508493
Ion Ratio Lower Upper
164 100
162 106.1 83.4 125.0
160 46.6 36.6 55.0

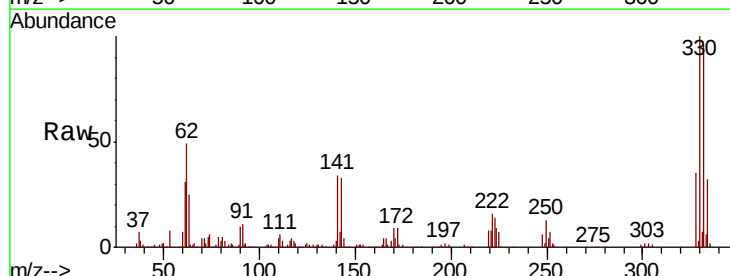


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

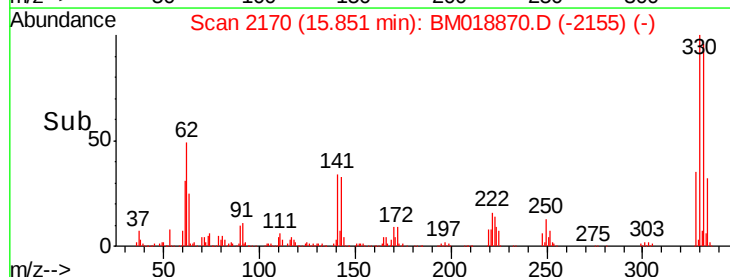
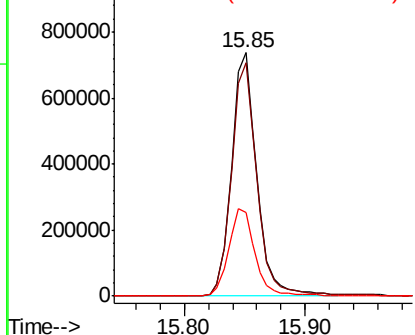


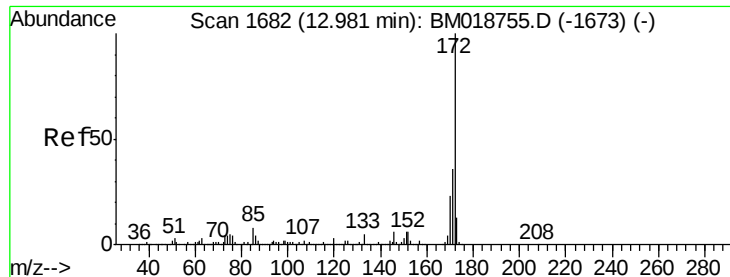
#42
2,4,6-Tribromophenol
Concen: 147.118 ng
RT: 15.85 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BM018870.D
Acq: 20 Feb 2019 01:12

Tgt Ion:330 Resp: 1078346
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 37.2 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

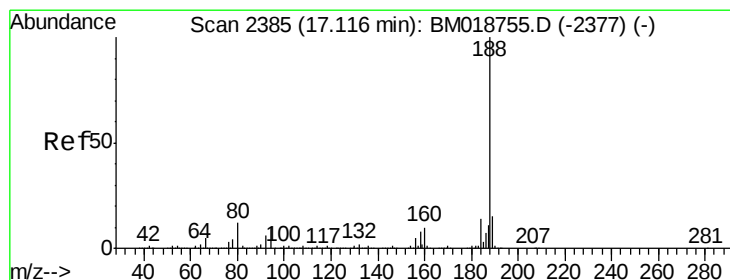
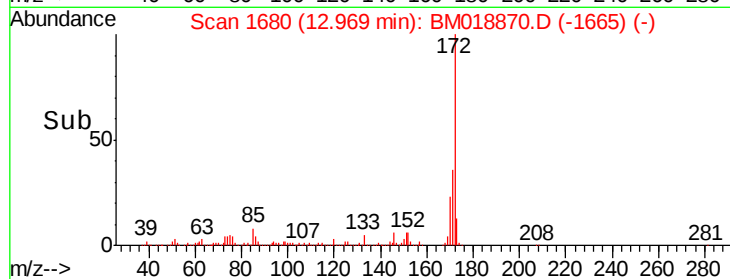
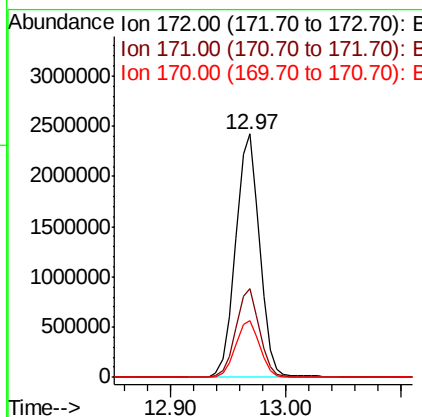
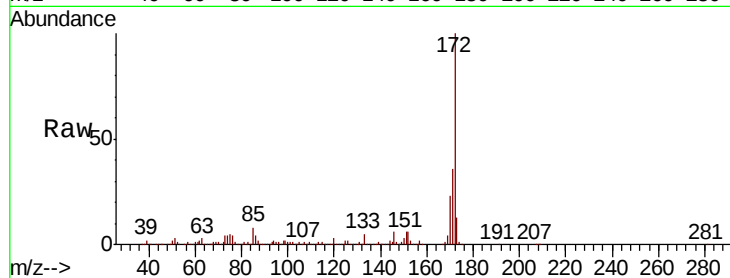




#45
2-Fluorobiphenyl
Concen: 91.276 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018870.D
Acq: 20 Feb 2019 01:12

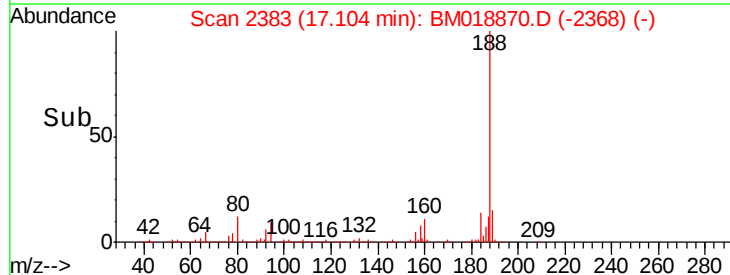
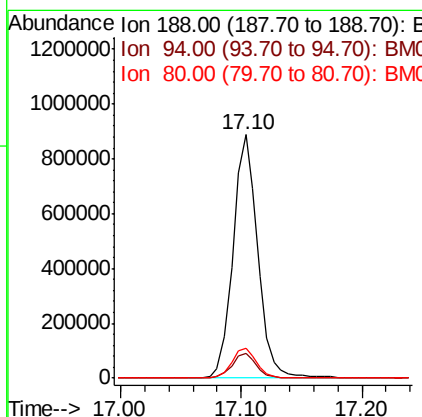
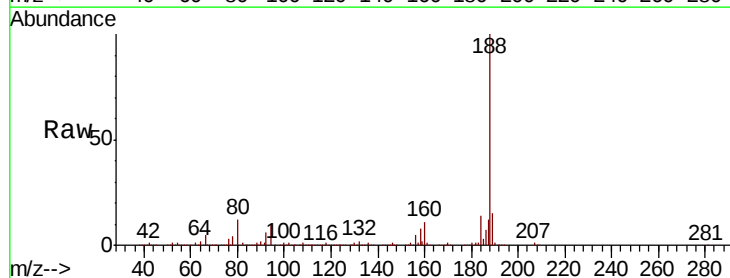
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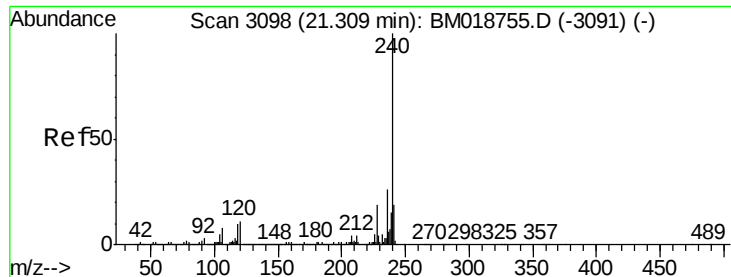
Tgt Ion:172 Resp: 3496370
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 23.5 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018870.D
Acq: 20 Feb 2019 01:12

Tgt Ion:188 Resp: 1267940
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 12.2 9.7 14.5

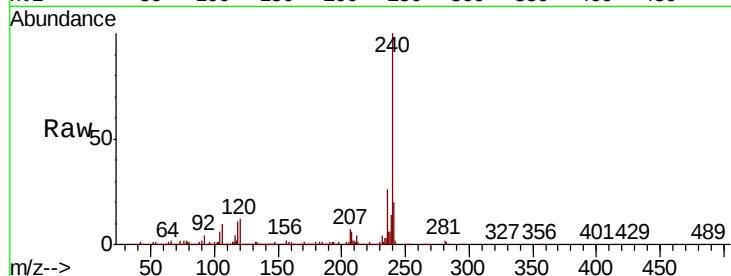




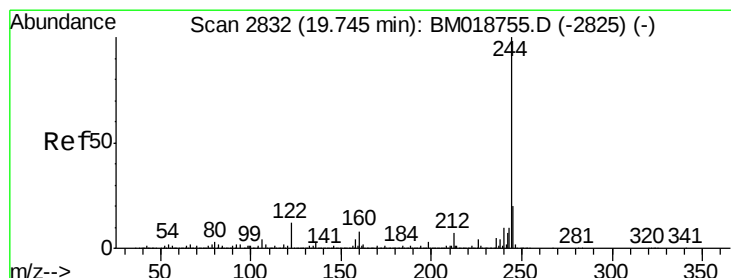
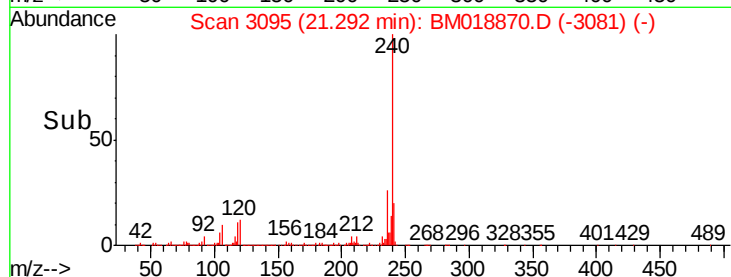
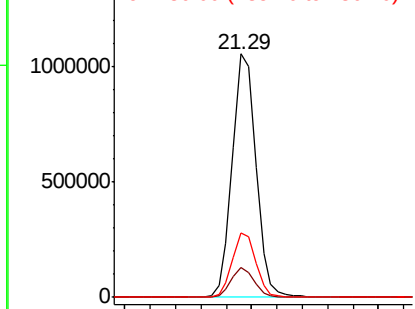
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018870.D
Acq: 20 Feb 2019 01:12

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:240 Resp: 1367082
Ion Ratio Lower Upper
240 100
120 12.4 8.9 13.3
236 26.2 20.9 31.3

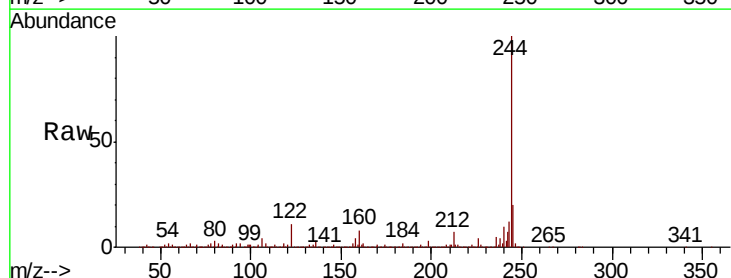


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

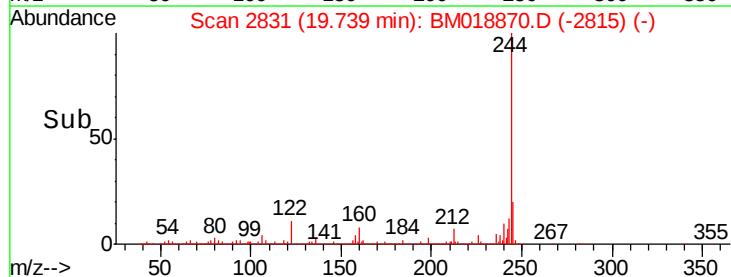
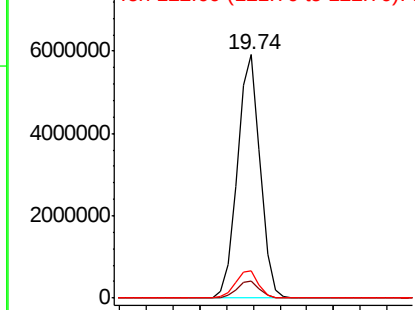


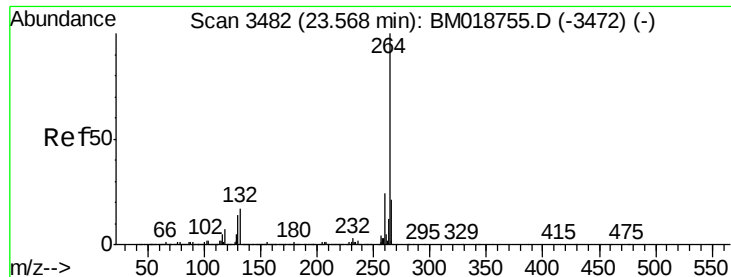
#79
Terphenyl-d14
Concen: 105.475 ng
RT: 19.74 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BM018870.D
Acq: 20 Feb 2019 01:12

Tgt Ion:244 Resp: 6989828
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: 23.54 min Scan# 3478
Delta R.T. -0.02 min
Lab File: BM018870.D
Acq: 20 Feb 2019 01:12

Instrument :
BNA_M
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-8

Tgt Ion: 264 Resp: 1191916

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	22.4	17.3	25.9

