

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021919\
 Data File : BM018862.D
 Acq On : 19 Feb 2019 18:24
 Operator : JU/SJ
 Sample : K1518-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-1

Quant Time: Feb 19 23:44:22 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

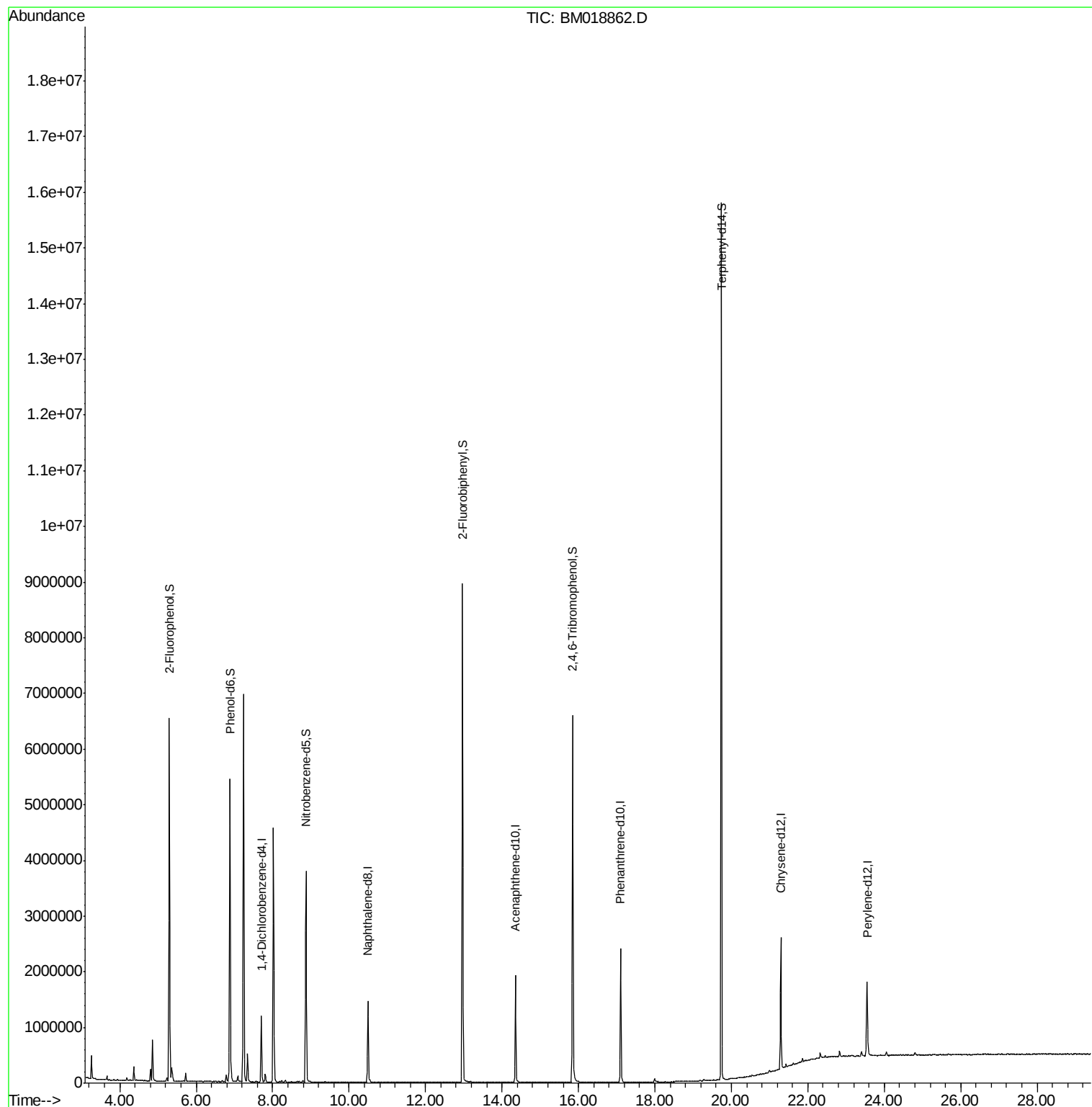
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	294191	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1156945	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	611387	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1300910	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1066142	20.00	ng	-0.01
87) Perylene-d12	23.54	264	967057	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2474096	137.79	ng	0.00
7) Phenol-d6	6.88	99	3014769	119.19	ng	0.00
23) Nitrobenzene-d5	8.87	82	2437894	97.43	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	1203845	136.60	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	4302344	93.41	ng	-0.01
79) Terphenyl-d14	19.74	244	6437269	124.56	ng	0.00
Target Compounds						
9) Benzaldehyde	6.85	77	5147	Below Cal	Qvalue #	1

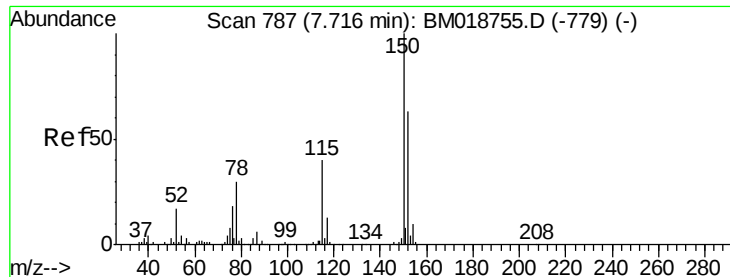
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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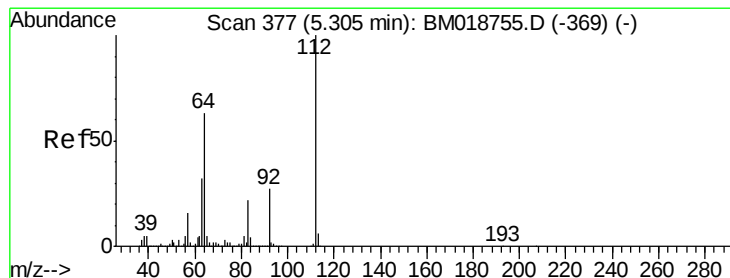
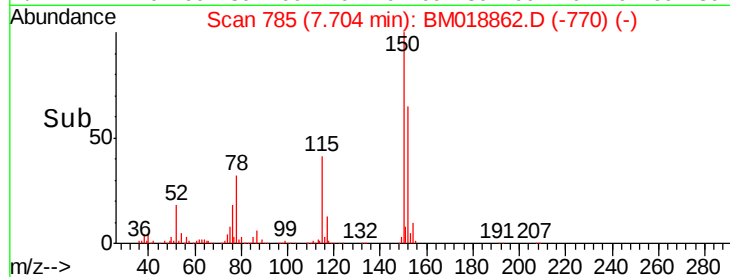
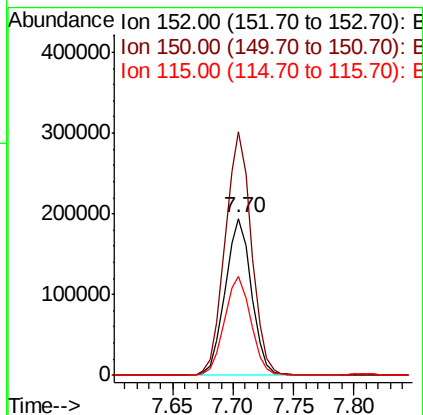
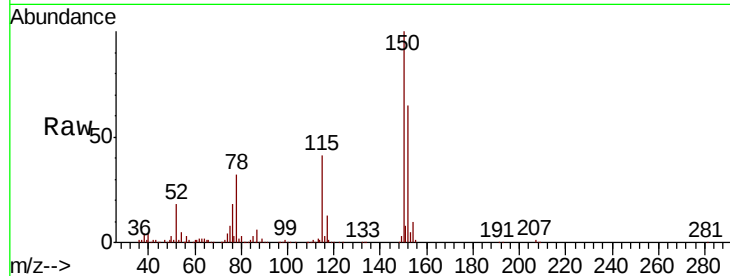


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018862.D
Acq: 19 Feb 2019 18:24

Instrument :
BNA_M
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

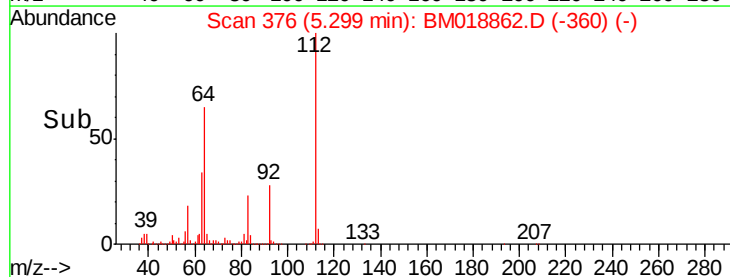
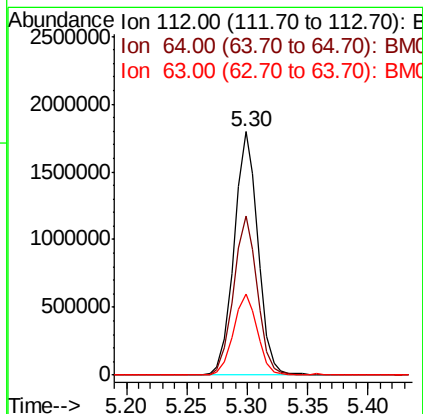
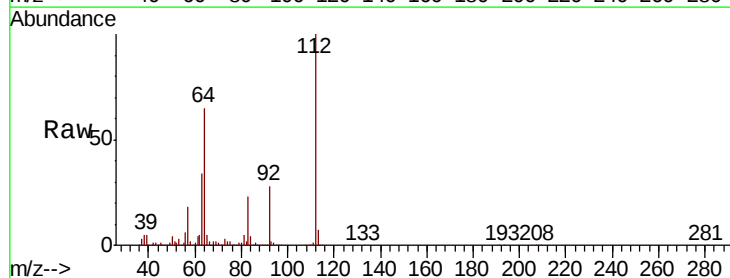
Tgt Ion:152 Resp: 294191
Ion Ratio Lower Upper
152 100
150 155.0 127.3 190.9
115 63.0 50.8 76.2

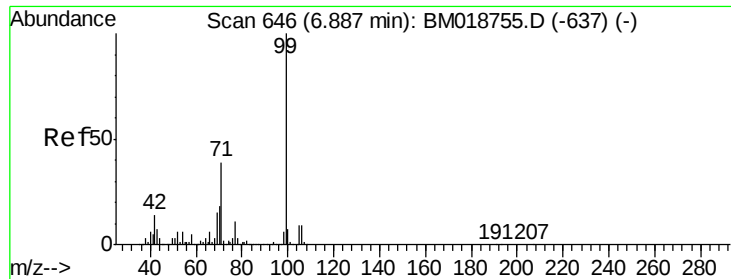


#5

2-Fluorophenol
Concen: 137.793 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018862.D
Acq: 19 Feb 2019 18:24

Tgt Ion:112 Resp: 2474096
Ion Ratio Lower Upper
112 100
64 65.1 50.6 75.8
63 33.5 25.7 38.5





#7

Phenol-d6

Concen: 119.187 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018862.D

Acq: 19 Feb 2019 18:24

Instrument :

BNA_M

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-1

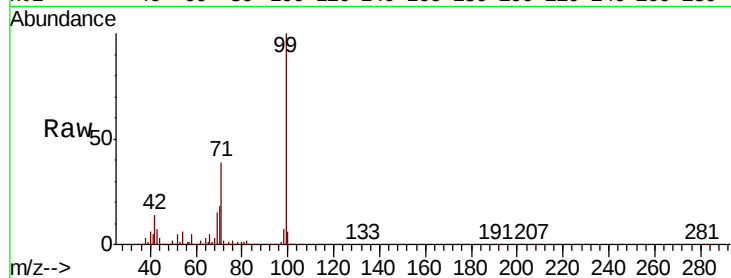
Tgt Ion: 99 Resp: 3014769

Ion Ratio Lower Upper

99 100

42 14.5 11.0 16.6

71 39.5 31.3 46.9

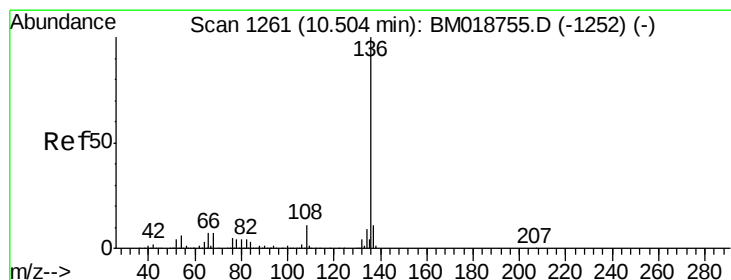
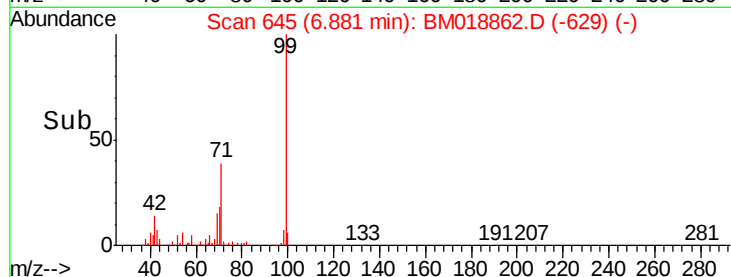
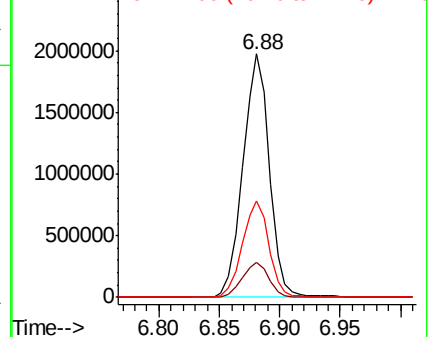


Abundance

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: BM018862.D

Acq: 19 Feb 2019 18:24

Tgt Ion: 136 Resp: 1156945

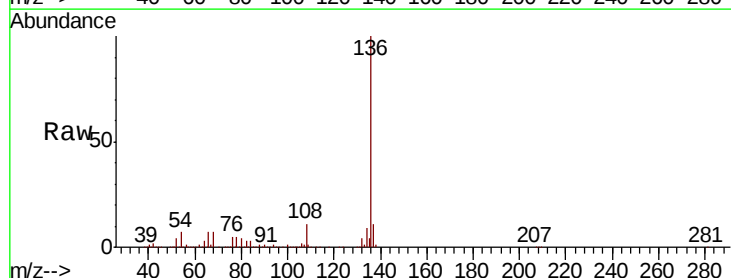
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.1 5.0 7.6

68 7.0 5.5 8.3



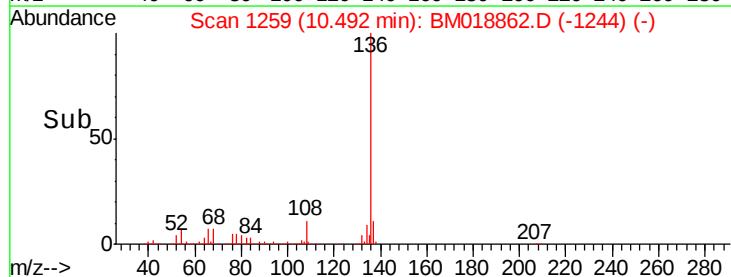
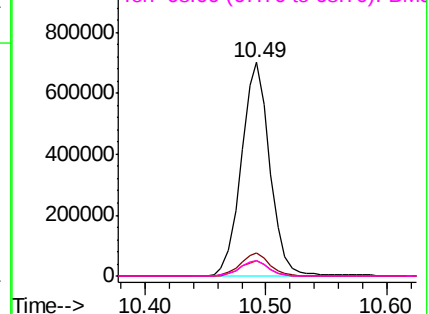
Abundance

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) (-)

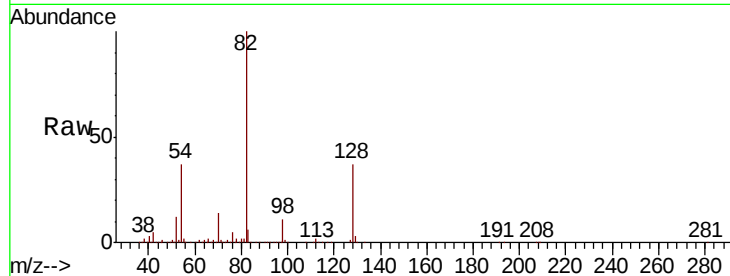




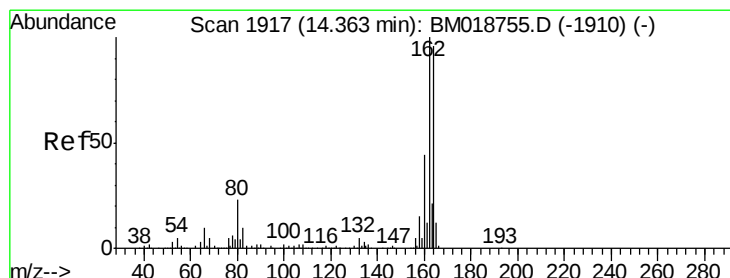
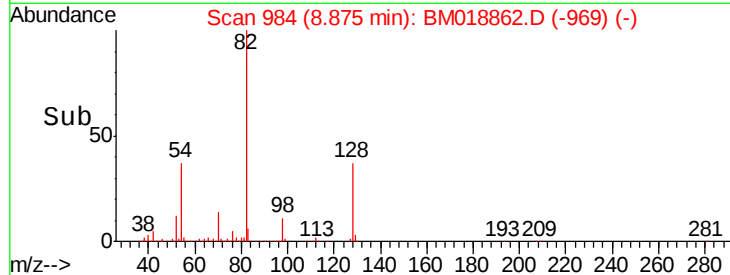
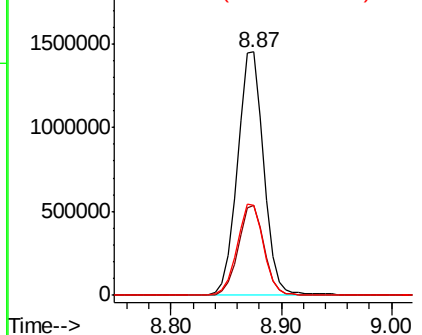
#23
 Nitrobenzene-d5
 Concen: 97.433 ng
 RT: 8.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BM018862.D
 Acq: 19 Feb 2019 18:24

Instrument :
 BNA_M
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-1

Tgt Ion: 82 Resp: 2437894
 Ion Ratio Lower Upper
 82 100
 128 37.1 29.9 44.9
 54 37.2 29.1 43.7

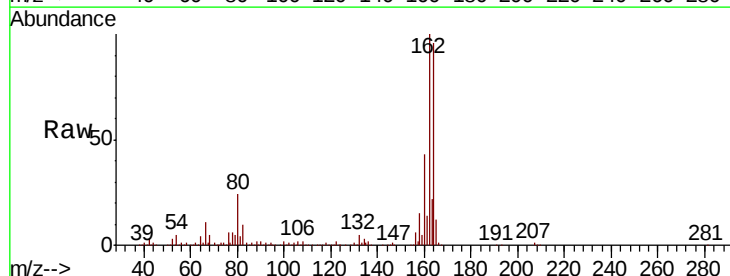


Abundance Ion 82.00 (81.70 to 82.70): BM018862.D (-969) (-)
 Ion 128.00 (127.70 to 128.70): BM018862.D (-969) (-)
 Ion 54.00 (53.70 to 54.70): BM018862.D (-969) (-)

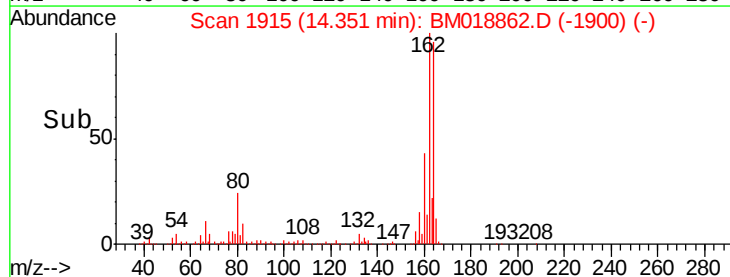
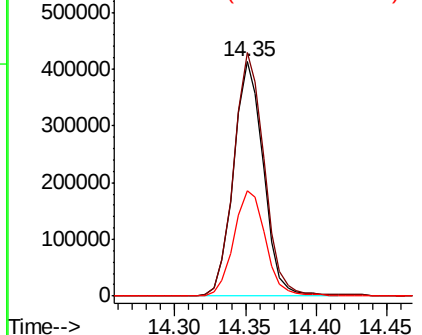


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.35 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: BM018862.D
 Acq: 19 Feb 2019 18:24

Tgt Ion: 164 Resp: 611387
 Ion Ratio Lower Upper
 164 100
 162 103.9 83.4 125.0
 160 45.1 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BM018862.D (-1900) (-)
 Ion 162.00 (161.70 to 162.70): BM018862.D (-1900) (-)
 Ion 160.00 (159.70 to 160.70): BM018862.D (-1900) (-)





#42

2,4,6-Tribromophenol

Concen: 136.599 ng

RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM018862.D

Acq: 19 Feb 2019 18:24

Instrument :

BNA_M

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-1

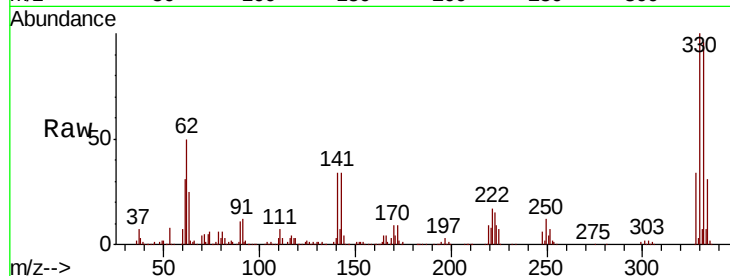
Tgt Ion:330 Resp: 1203845

Ion Ratio Lower Upper

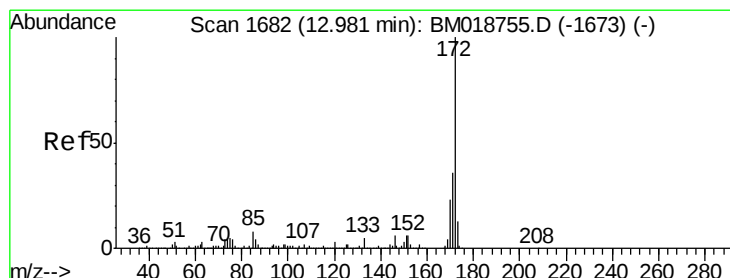
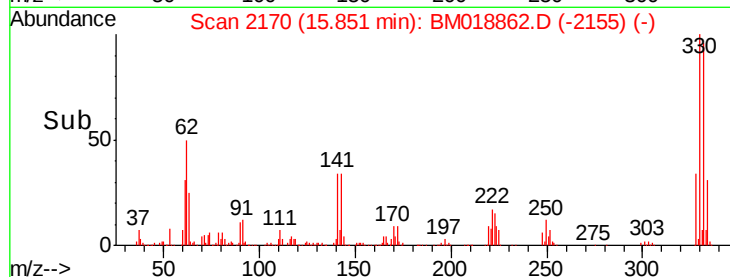
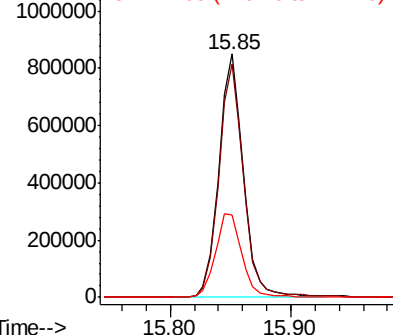
330 100

332 96.4 76.9 115.3

141 37.3 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: 93.415 ng

RT: 12.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BM018862.D

Acq: 19 Feb 2019 18:24

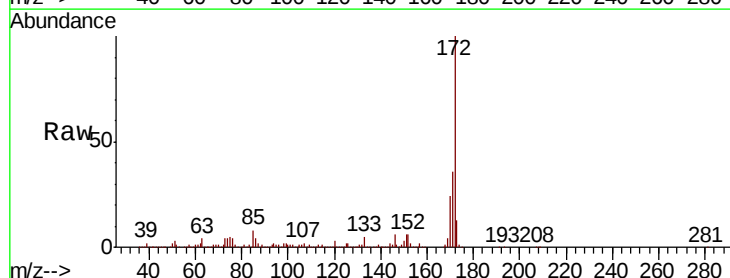
Tgt Ion:172 Resp: 4302344

Ion Ratio Lower Upper

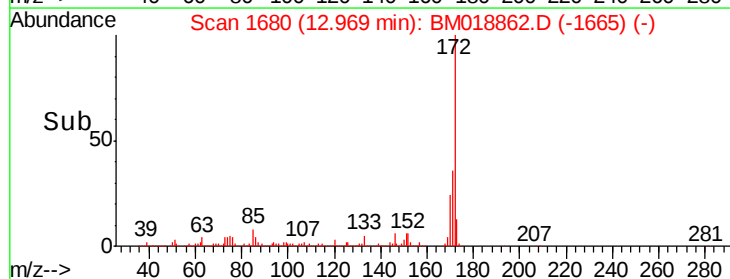
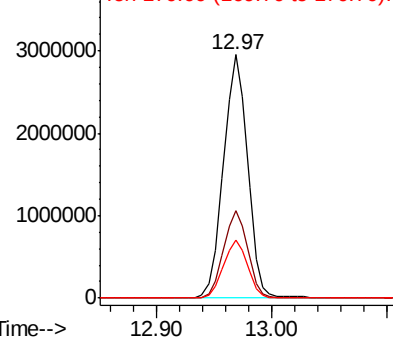
172 100

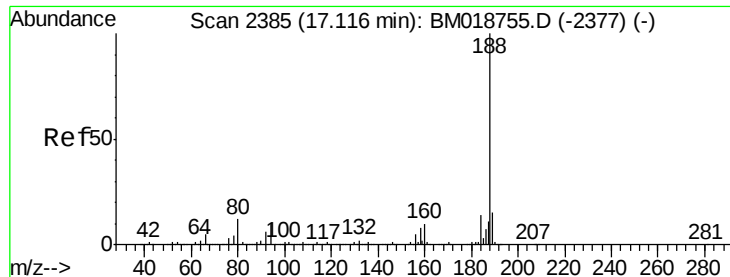
171 36.1 29.0 43.6

170 24.1 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: BM018862.D

Acq: 19 Feb 2019 18:24

Instrument :

BNA_M

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-1

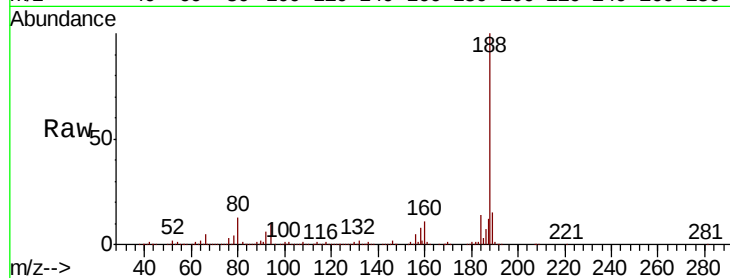
Tgt Ion:188 Resp: 1300910

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

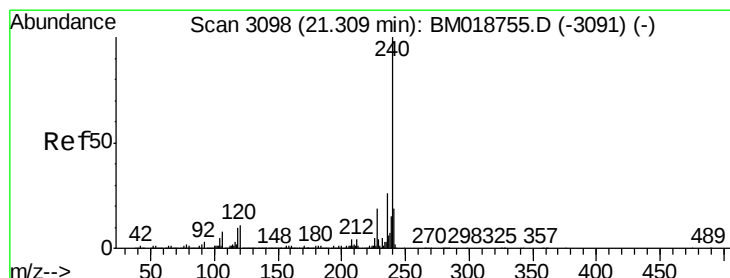
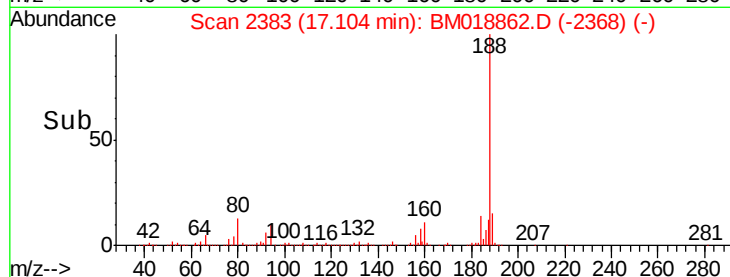
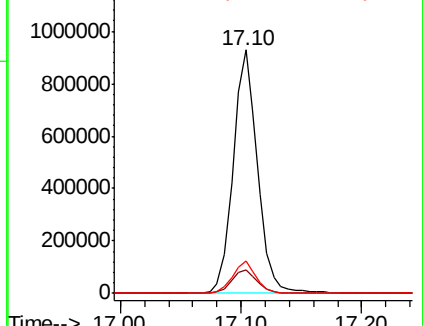
80 13.2 9.7 14.5



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: BM018862.D

Acq: 19 Feb 2019 18:24

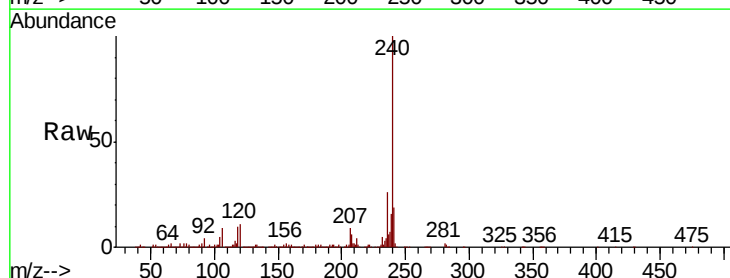
Tgt Ion:240 Resp: 1066142

Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

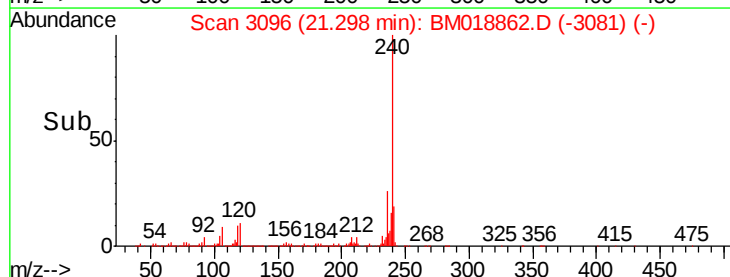
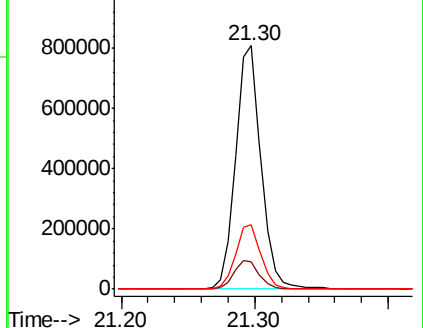
236 26.2 20.9 31.3

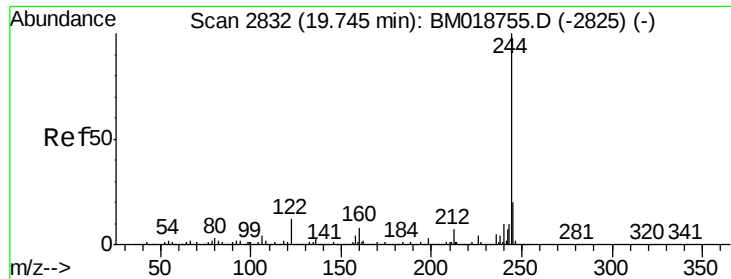


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

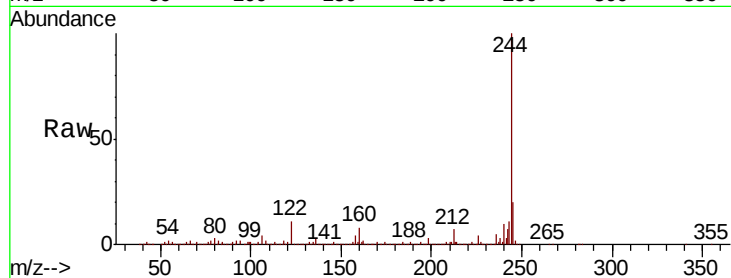




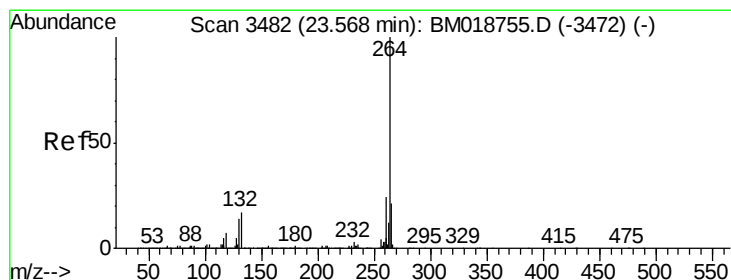
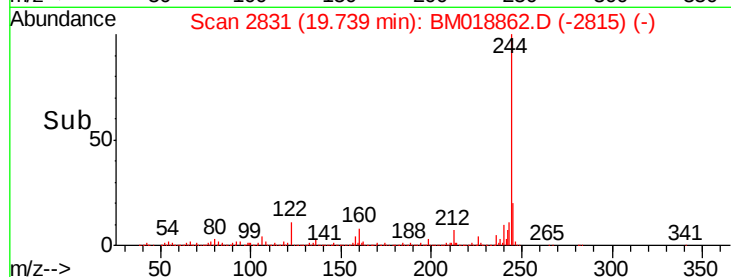
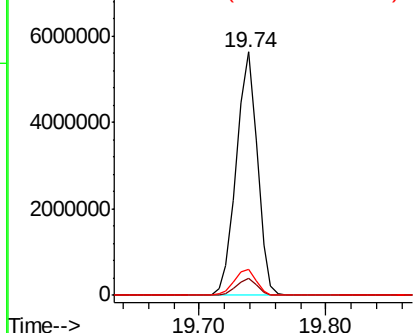
#79
 Terphenyl-d14
 Concen: 124.556 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018862.D
 Acq: 19 Feb 2019 18:24

Instrument :
 BNA_M
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 CABLE-BRIDGE-FOUNDATION-D-1

Tgt Ion:244 Resp: 6437269
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.8 9.3 13.9

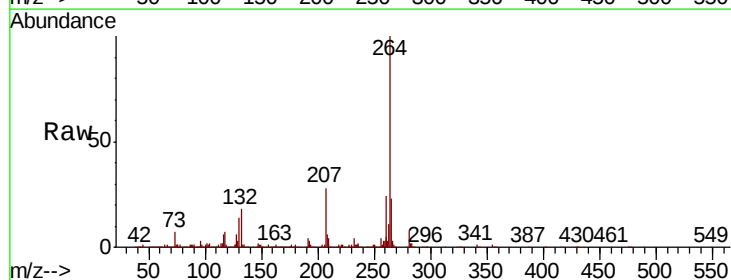


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.54 min Scan# 3478
 Delta R.T. -0.02 min
 Lab File: BM018862.D
 Acq: 19 Feb 2019 18:24

Tgt Ion:264 Resp: 967057
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 22.6 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

