

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
 Data File : BM018871.D
 Acq On : 20 Feb 2019 01:48
 Operator : JU/SJ
 Sample : K1518-22
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-B-10

Quant Time: Feb 20 05:44:06 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	214635	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	843595	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	474833	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1189205	20.00	ng	-0.01
76) Chrysene-d12	21.29	240	1308405	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1163346	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1693816	129.30	ng	0.00
7) Phenol-d6	6.87	99	2013724	109.12	ng	-0.01
23) Nitrobenzene-d5	8.87	82	1736130	95.16	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	1013298	148.04	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	3357648	93.87	ng	-0.01
79) Terphenyl-d14	19.74	244	6646080	104.79	ng	0.00

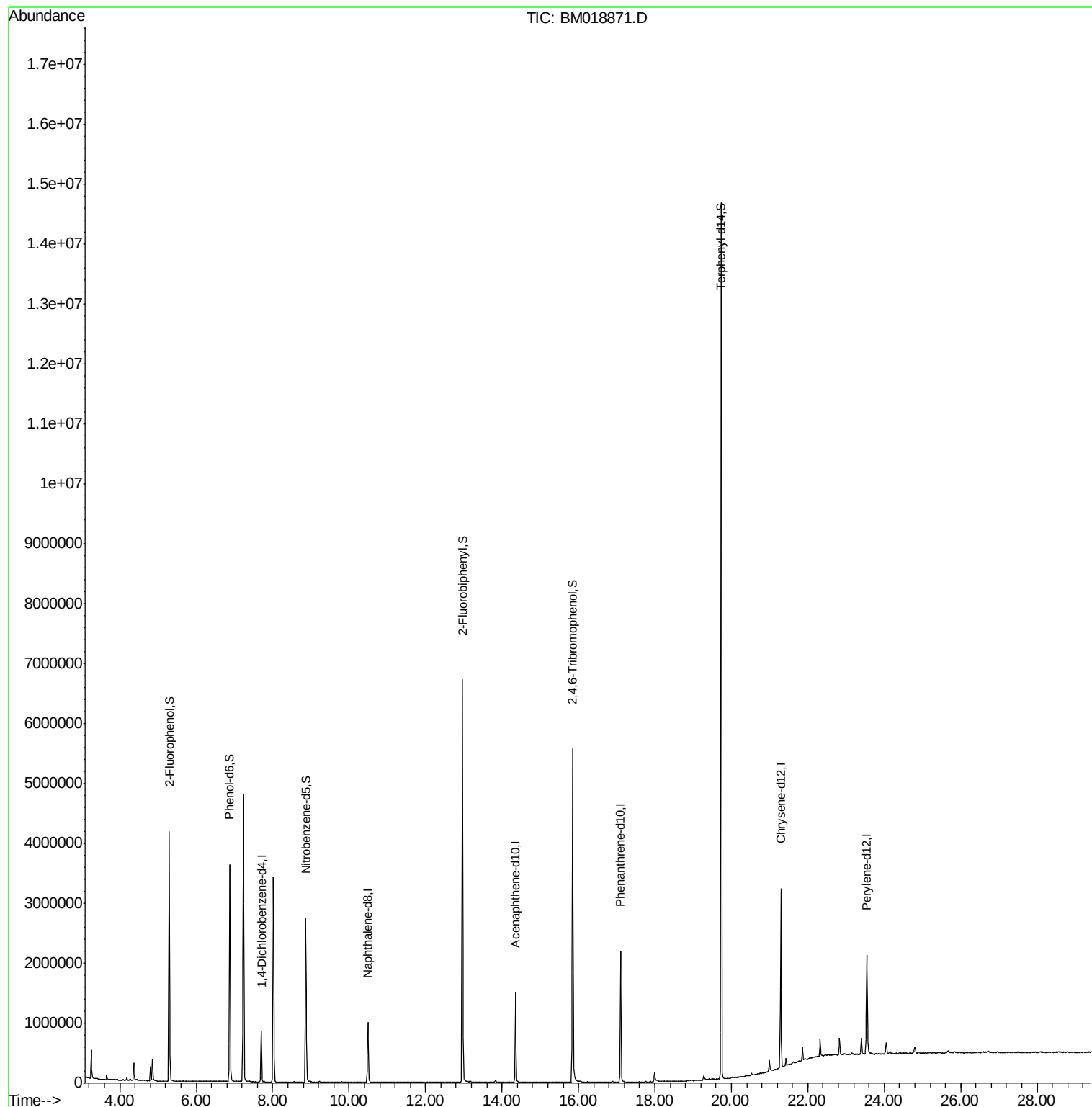
Target Compounds Qvalue

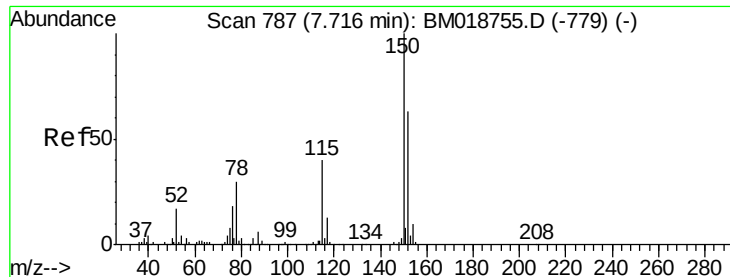
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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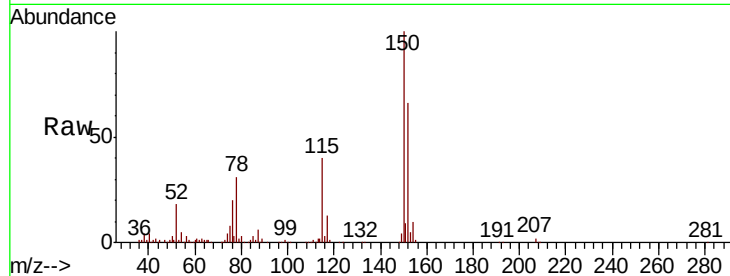


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018871.D
Acq: 20 Feb 2019 01:48

Instrument :
BNA_M
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-B-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	127.3	190.9
115	60.9	50.8	76.2

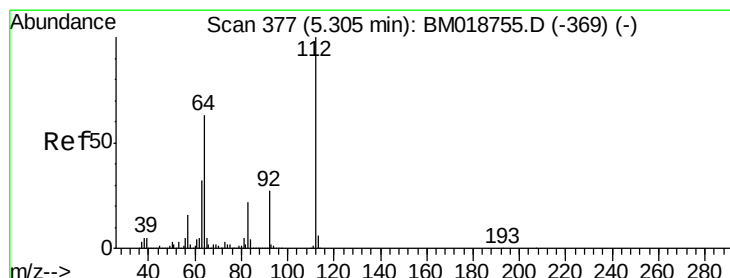
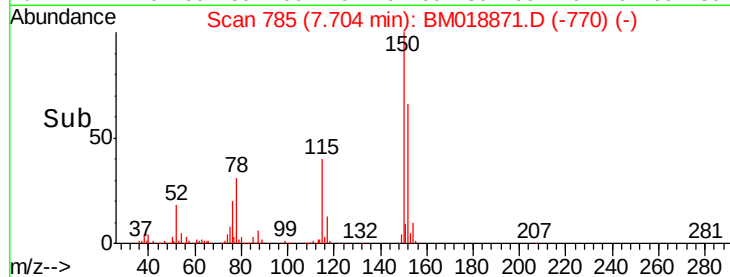
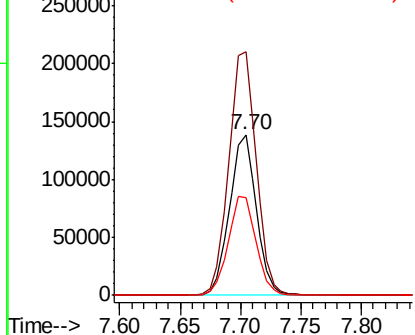


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

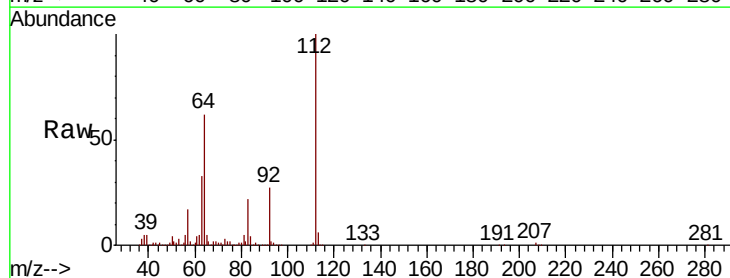
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.302 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018871.D
Acq: 20 Feb 2019 01:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	50.6	75.8
63	32.9	25.7	38.5

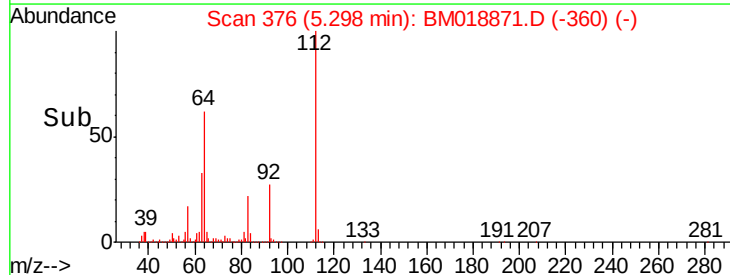
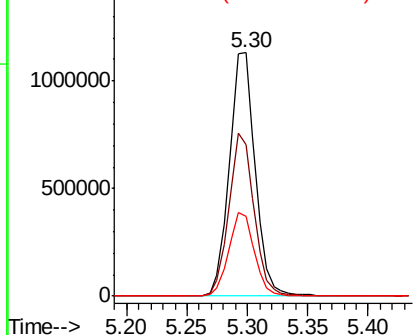


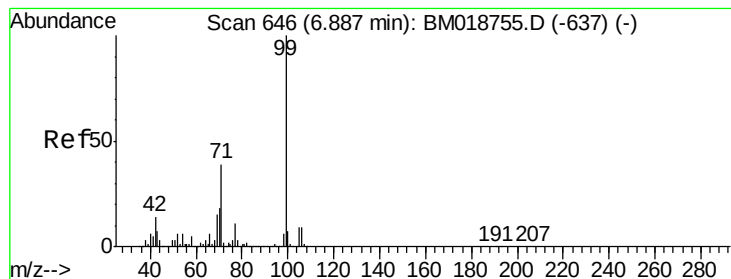
Abundance

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: 109.120 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018871.D

Acq: 20 Feb 2019 01:48

Instrument :

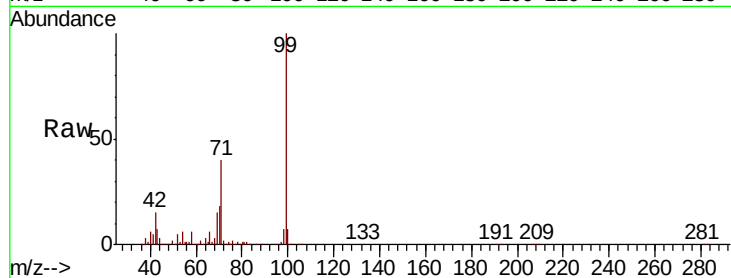
BNA_M

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-B-10

Tot Ion: 99 Resp: 2013724

Ion	Ratio	Lower	Upper
99	100		
42	14.6	11.0	16.6
71	40.0	31.3	46.9

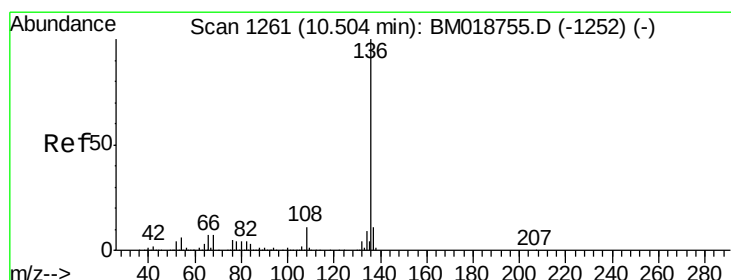
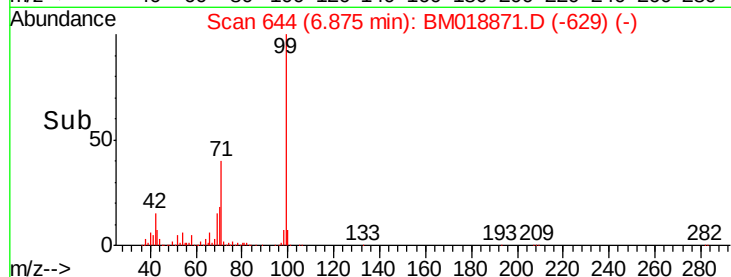
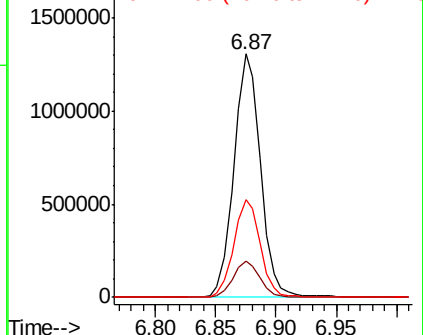


Abundance

Ion 99.00 (98.70 to 99.70): BM018871.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018871.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018871.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018871.D

Acq: 20 Feb 2019 01:48

Tgt Ion: 136 Resp: 843595

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.7	5.0	7.6
68	7.5	5.5	8.3

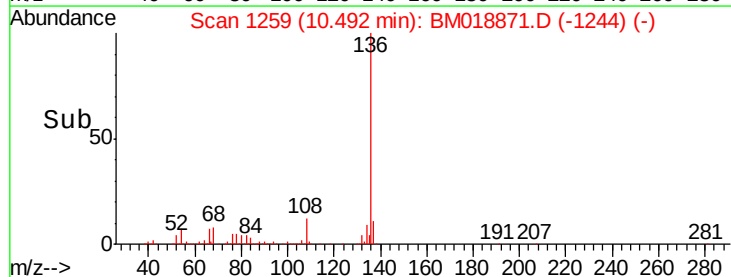
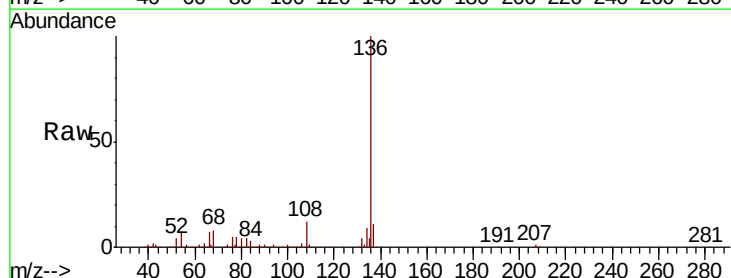
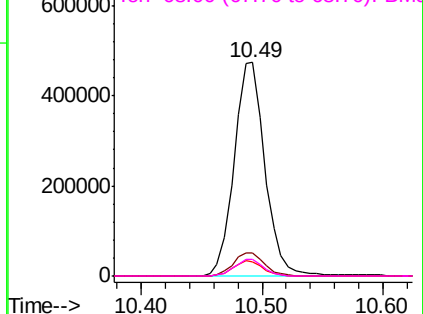
Abundance

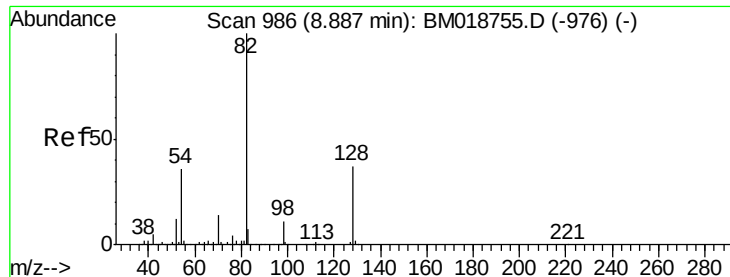
Ion 136.00 (135.70 to 136.70): BM018871.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM018871.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018871.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018871.D (-1244) (-)





#23

Nitrobenzene-d5

Concen: 95.160 ng

RT: 8.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BM018871.D

Acq: 20 Feb 2019 01:48

Instrument :

BNA_M

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-B-10

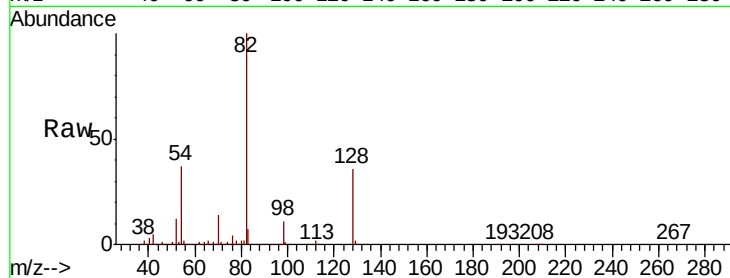
Tot Ion: 82 Resp: 1736130

Ion Ratio Lower Upper

82 100

128 35.8 29.9 44.9

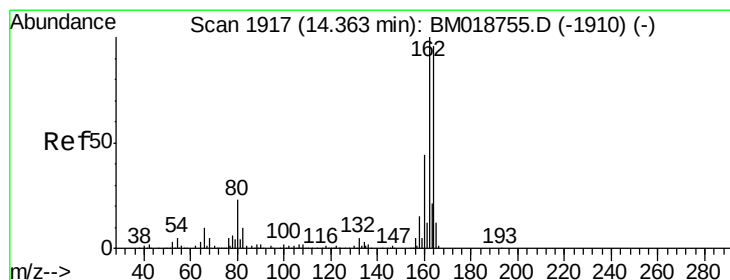
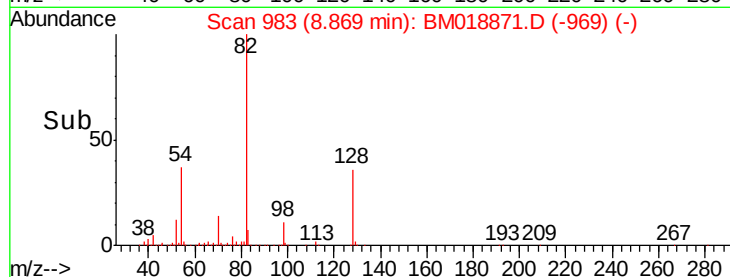
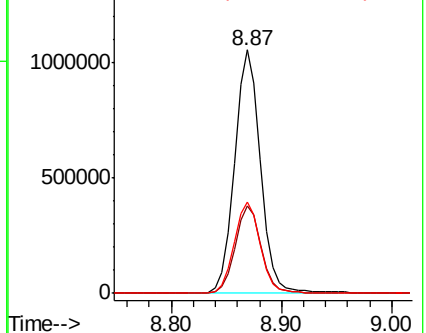
54 37.4 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018871.D (-969) (-)

Ion 128.00 (127.70 to 128.70): BM018871.D (-969) (-)

Ion 54.00 (53.70 to 54.70): BM018871.D (-969) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018871.D

Acq: 20 Feb 2019 01:48

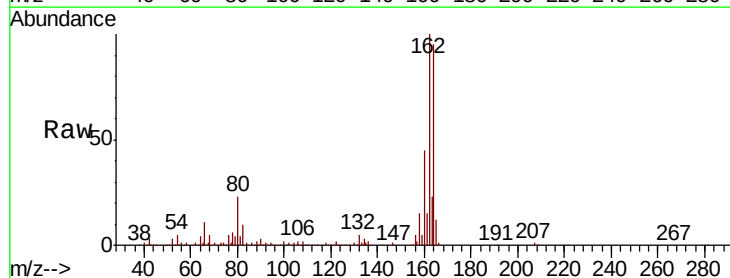
Tgt Ion:164 Resp: 474833

Ion Ratio Lower Upper

164 100

162 105.6 83.4 125.0

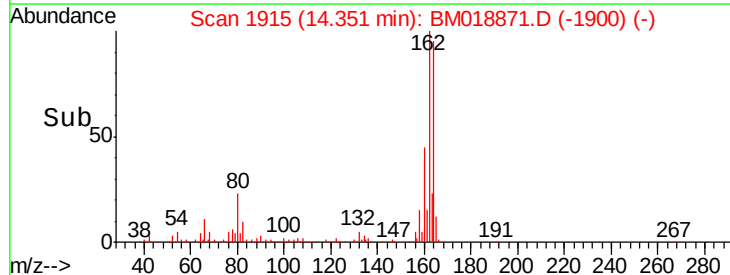
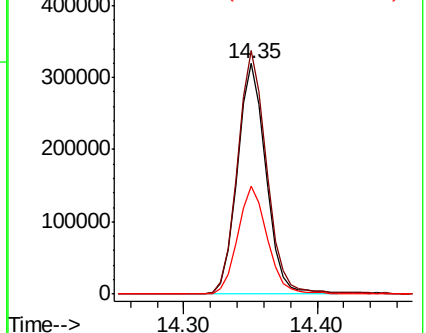
160 47.0 36.6 55.0

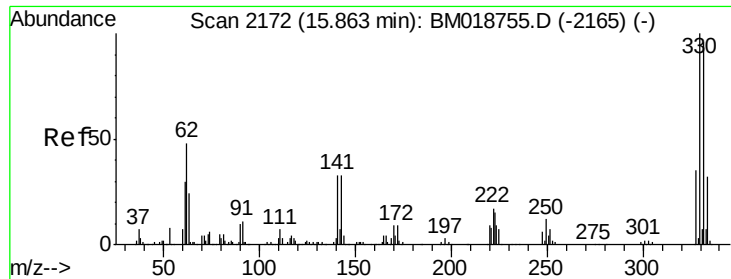


Abundance Ion 164.00 (163.70 to 164.70): BM018871.D (-1900) (-)

Ion 162.00 (161.70 to 162.70): BM018871.D (-1900) (-)

Ion 160.00 (159.70 to 160.70): BM018871.D (-1900) (-)





#42

2,4,6-Tribromophenol

Concen: 148.044 ng

RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM018871.D

Acq: 20 Feb 2019 01:48

Instrument :

BNA_M

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-B-10

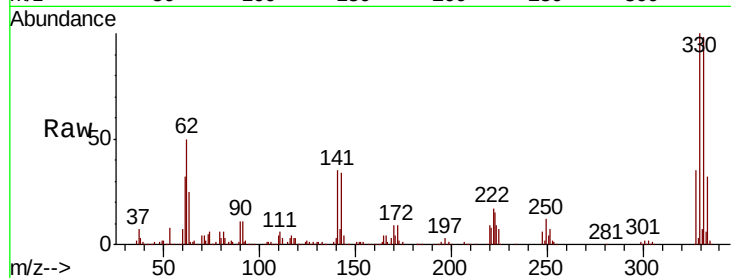
Tot Ion:330 Resp: 1013298

Ion Ratio Lower Upper

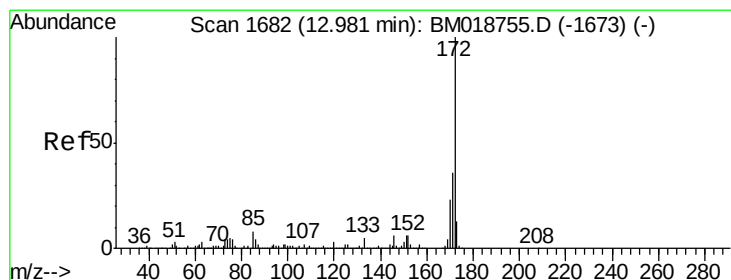
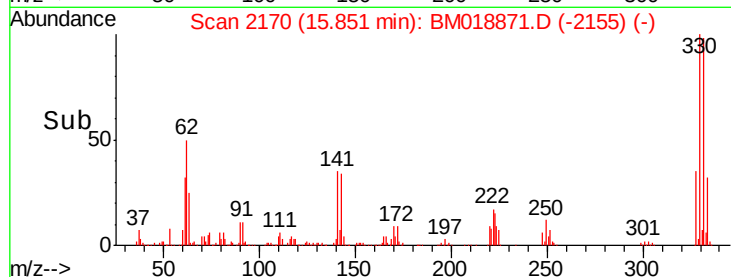
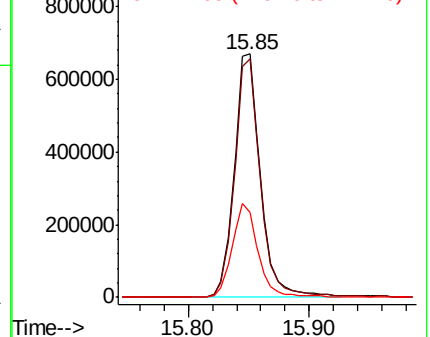
330 100

332 96.5 76.9 115.3

141 38.0 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: 93.869 ng

RT: 12.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BM018871.D

Acq: 20 Feb 2019 01:48

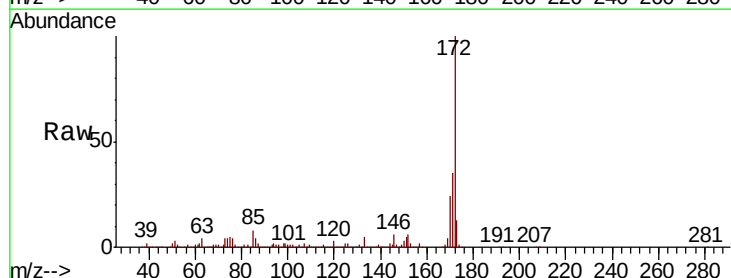
Tgt Ion:172 Resp: 3357648

Ion Ratio Lower Upper

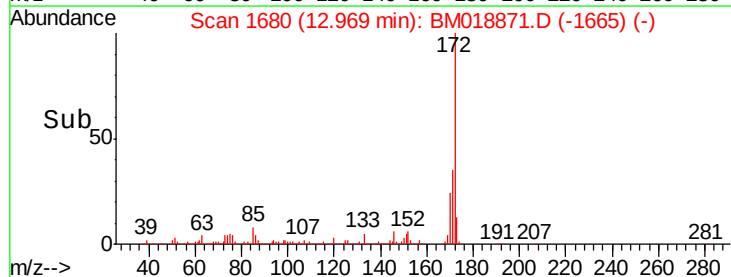
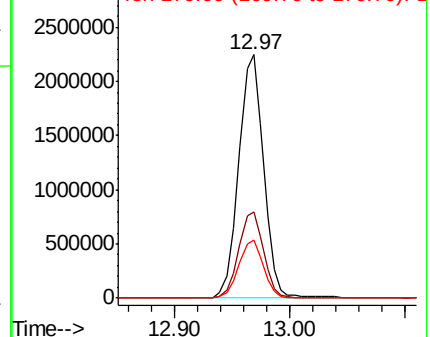
172 100

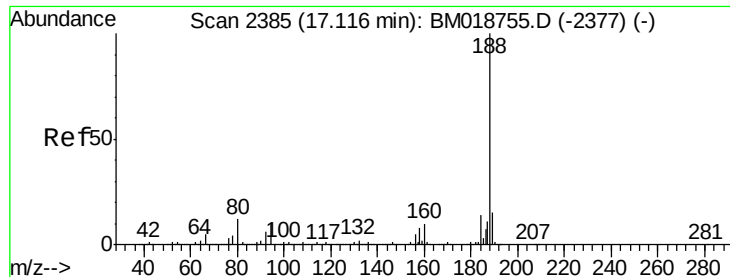
171 35.3 29.0 43.6

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: BM018871.D

Acq: 20 Feb 2019 01:48

Instrument :

BNA_M

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-B-10

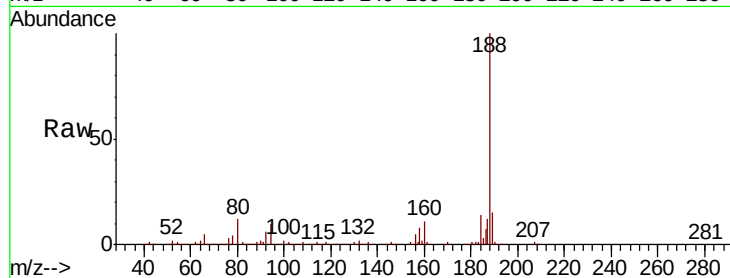
Tot Ion:188 Resp: 1189205

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

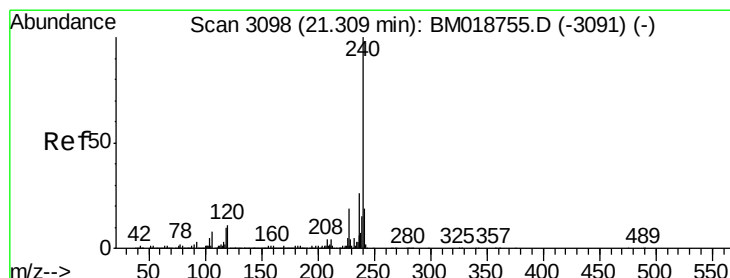
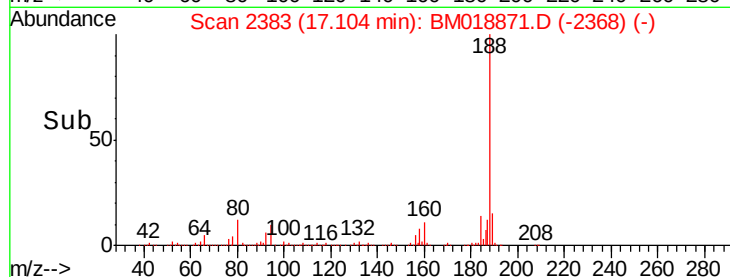
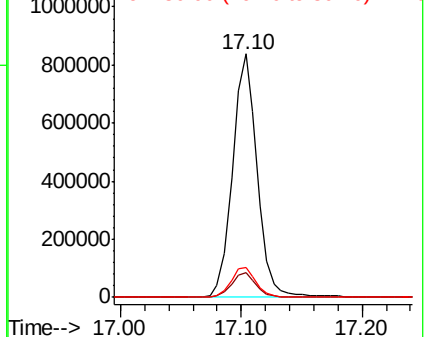
80 12.4 9.7 14.5



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: 21.29 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BM018871.D

Acq: 20 Feb 2019 01:48

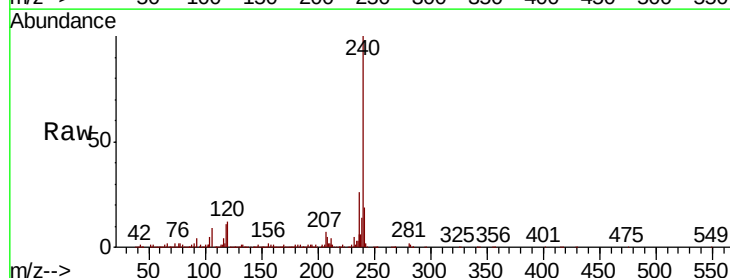
Tgt Ion:240 Resp: 1308405

Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

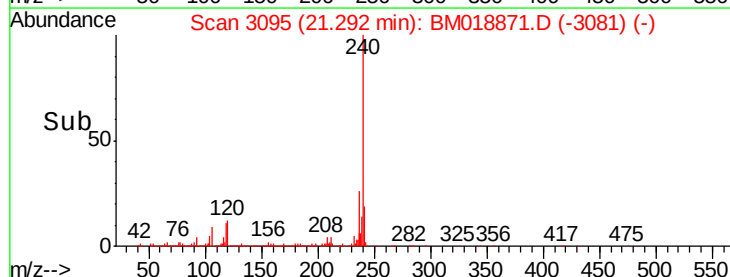
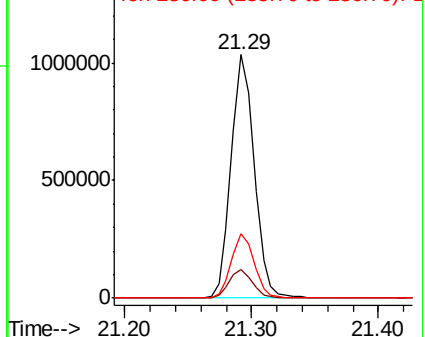
236 26.3 20.9 31.3

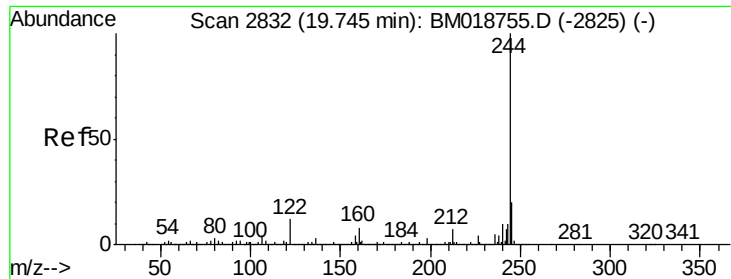


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

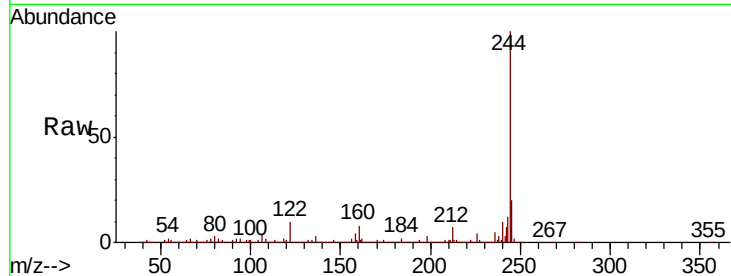




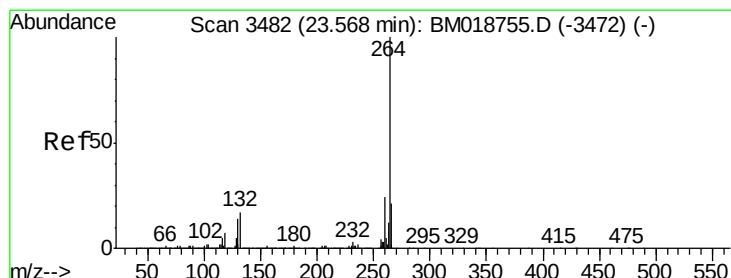
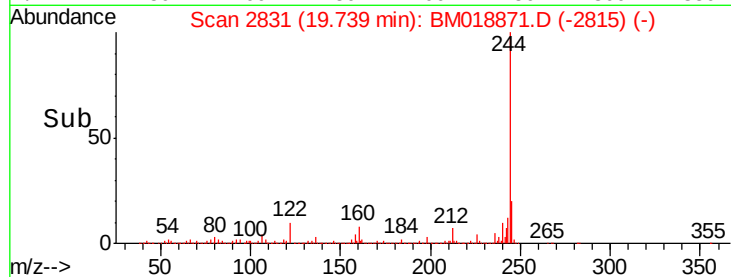
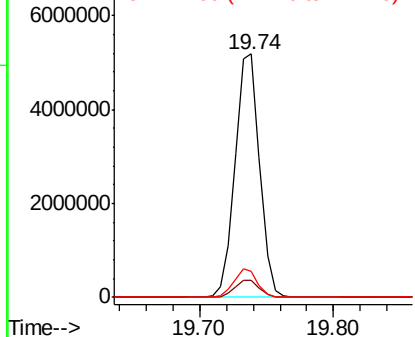
#79
 Terphenyl-d14
 Concen: 104.785 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018871.D
 Acq: 20 Feb 2019 01:48

Instrument :
 BNA_M
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Tot Ion:244 Resp: 6646080
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.4 9.3 13.9

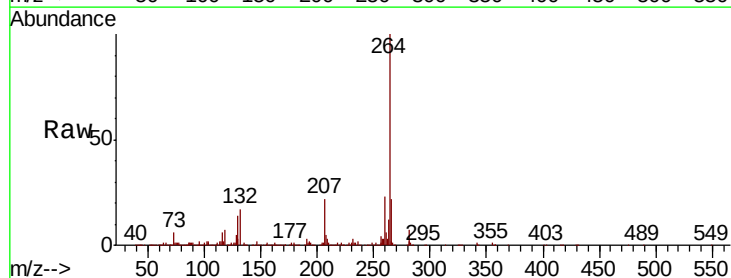


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.54 min Scan# 3478
 Delta R.T. -0.02 min
 Lab File: BM018871.D
 Acq: 20 Feb 2019 01:48

Tgt Ion:264 Resp: 1163346
 Ion Ratio Lower Upper
 264 100
 260 23.3 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

