

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021919\
 Data File : BM018873.D
 Acq On : 20 Feb 2019 03:01
 Operator : JU/SJ
 Sample : K1525-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 M-14-D

Quant Time: Feb 20 04:50:55 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

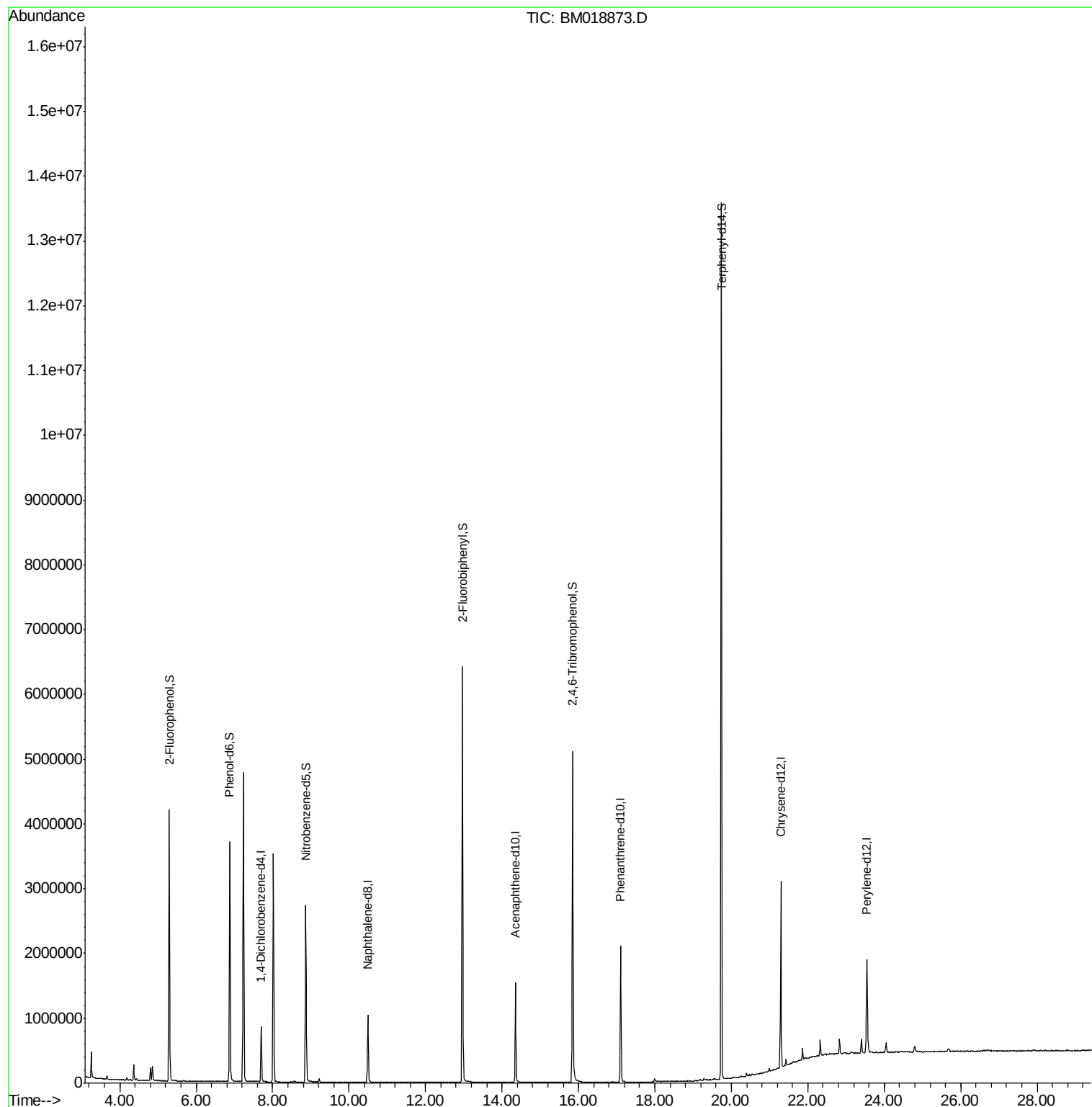
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	222085	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	867136	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	481394	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1180958	20.00	ng	-0.01
76) Chrysene-d12	21.29	240	1228951	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1053097	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1703490	125.68	ng	-0.01
7) Phenol-d6	6.87	99	2042926	106.99	ng	-0.01
23) Nitrobenzene-d5	8.87	82	1719178	91.67	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	925759	133.41	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	3275596	90.33	ng	-0.01
79) Terphenyl-d14	19.74	244	5893233	98.92	ng	0.00
Target Compounds						
9) Benzaldehyde	6.88	77	4647	Below Cal	Qvalue #	7

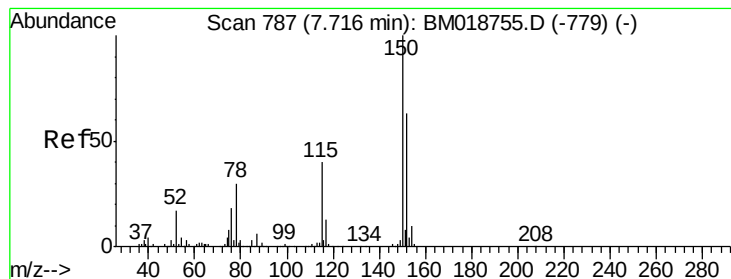
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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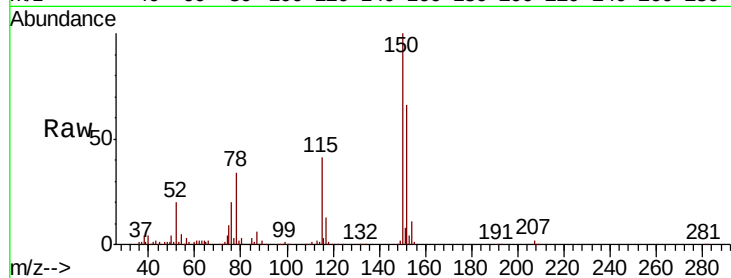


#1

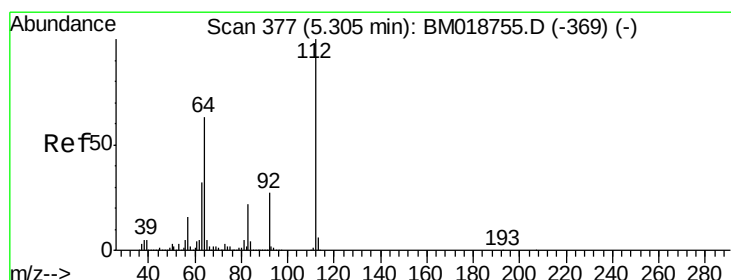
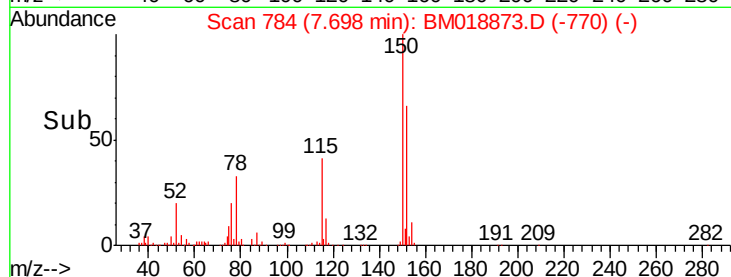
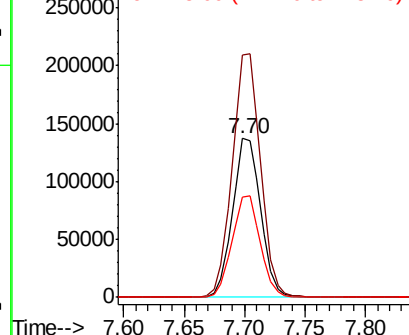
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BM018873.D
Acq: 20 Feb 2019 03:01

Instrument :
BNA_M
ClientSampled :
M-14-D

Tgt Ion:152 Resp: 222085
Ion Ratio Lower Upper
152 100
150 152.5 127.3 190.9
115 62.8 50.8 76.2



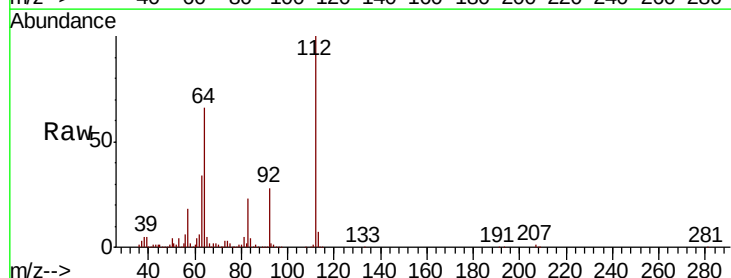
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



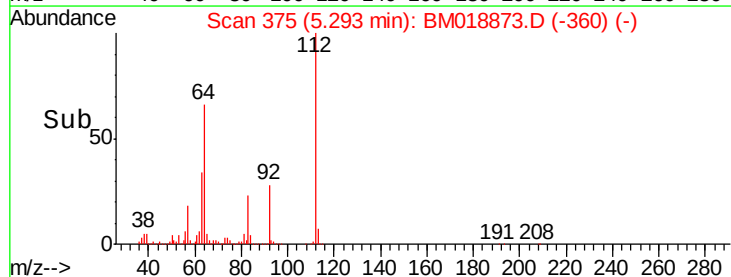
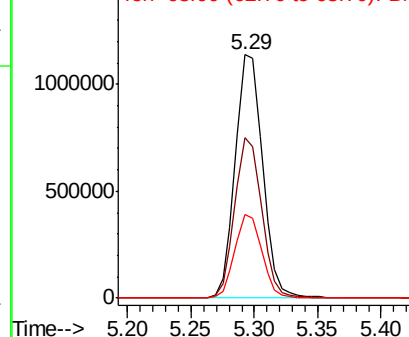
#5

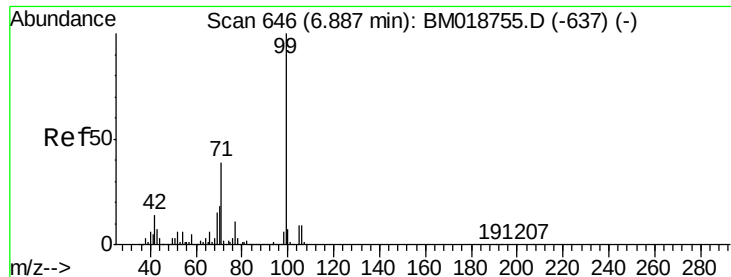
2-Fluorophenol
Concen: 125.678 ng
RT: 5.29 min Scan# 375
Delta R.T. -0.01 min
Lab File: BM018873.D
Acq: 20 Feb 2019 03:01

Tgt Ion:112 Resp: 1703490
Ion Ratio Lower Upper
112 100
64 66.0 50.6 75.8
63 34.4 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: 106.989 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018873.D

Acq: 20 Feb 2019 03:01

Instrument :

BNA_M

ClientSampleId :

M-14-D

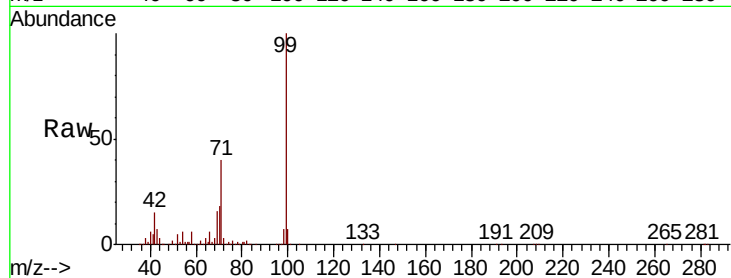
Tgt Ion: 99 Resp: 2042926

Ion	Ratio	Lower	Upper
99	100		
42	15.0	11.0	16.6
71	40.0	31.3	46.9

99 100

42 15.0 11.0 16.6

71 40.0 31.3 46.9

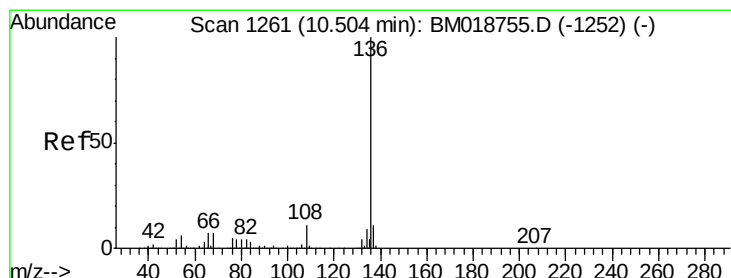
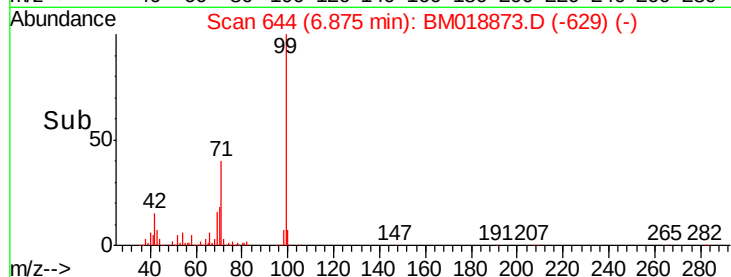
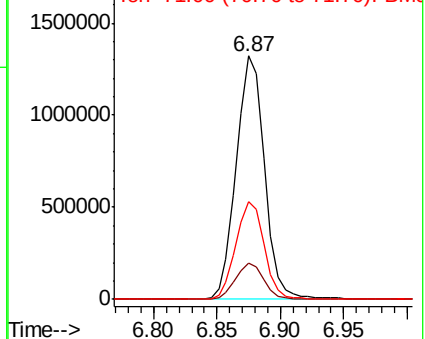


Abundance

Ion 99.00 (98.70 to 99.70): BM018873.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018873.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018873.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BM018873.D

Acq: 20 Feb 2019 03:01

Tgt Ion: 136 Resp: 867136

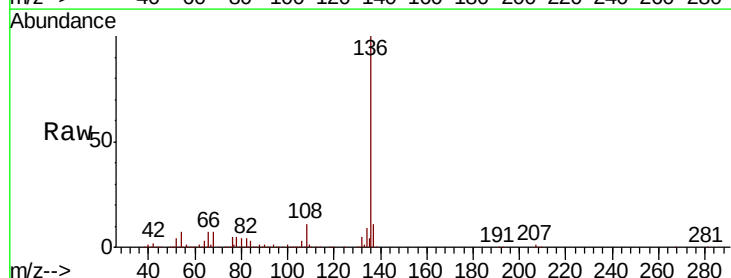
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.1	5.0	7.6
68	7.2	5.5	8.3

136 100

137 10.9 8.8 13.2

54 7.1 5.0 7.6

68 7.2 5.5 8.3



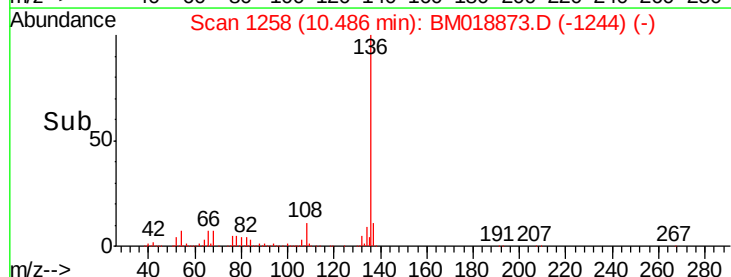
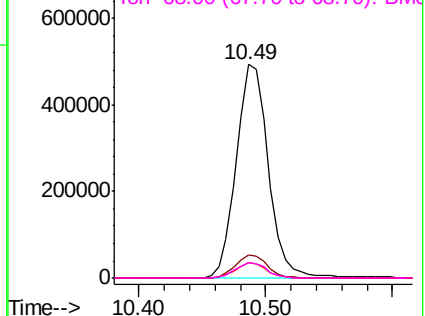
Abundance

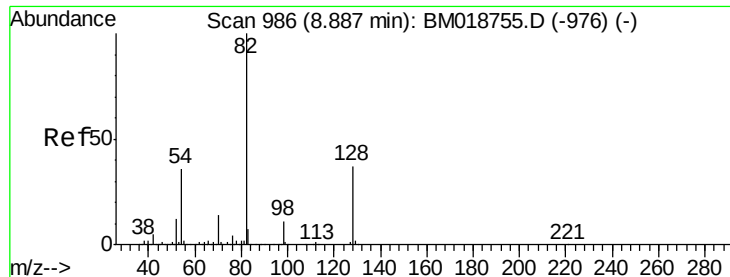
Ion 136.00 (135.70 to 136.70): BM018873.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM018873.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018873.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018873.D (-1244) (-)





#23

Nitrobenzene-d5

Concen: 91.672 ng

RT: 8.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BM018873.D

Acq: 20 Feb 2019 03:01

Instrument :

BNA_M

ClientSampleId :

M-14-D

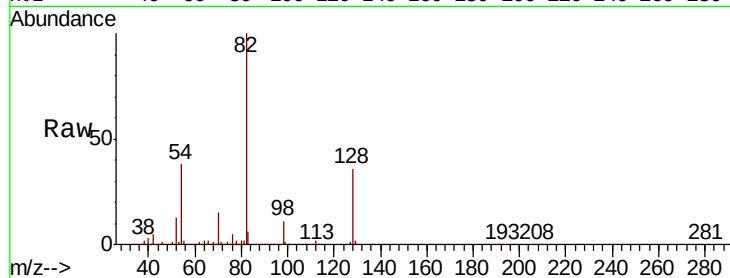
Tgt Ion: 82 Resp: 1719178

Ion Ratio Lower Upper

82 100

128 35.8 29.9 44.9

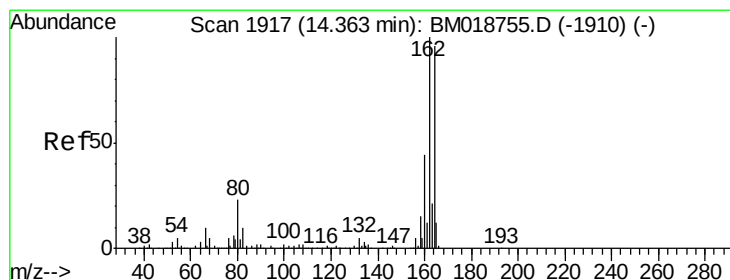
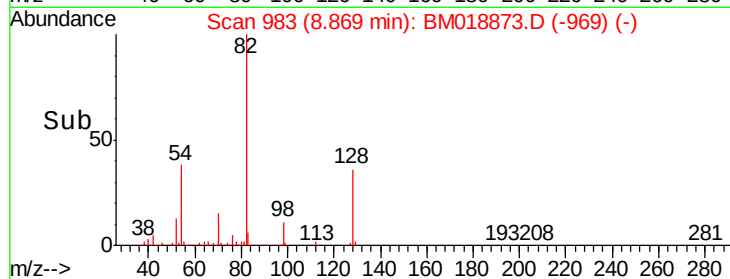
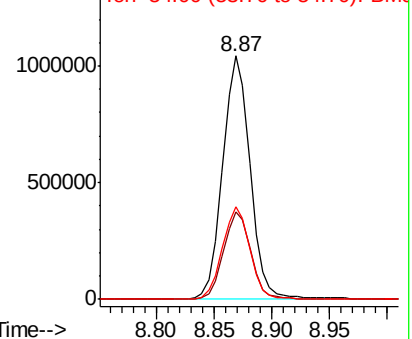
54 37.8 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018873.D (-969) (-)

Ion 128.00 (127.70 to 128.70): BM018873.D (-969) (-)

Ion 54.00 (53.70 to 54.70): BM018873.D (-969) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018873.D

Acq: 20 Feb 2019 03:01

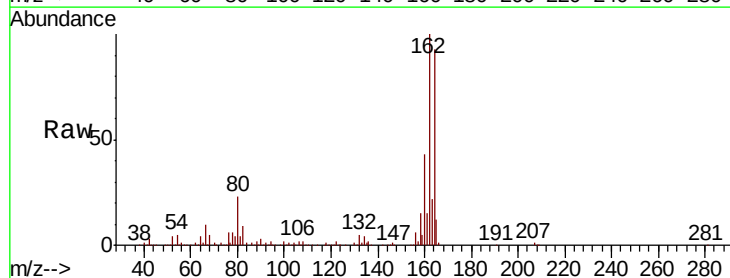
Tgt Ion: 164 Resp: 481394

Ion Ratio Lower Upper

164 100

162 107.5 83.4 125.0

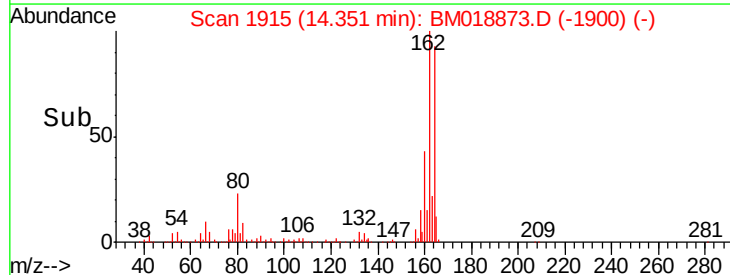
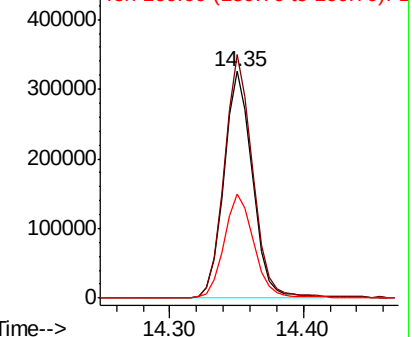
160 46.2 36.6 55.0

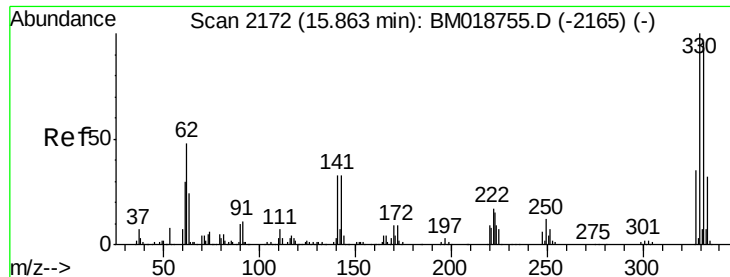


Abundance Ion 164.00 (163.70 to 164.70): BM018873.D (-1900) (-)

Ion 162.00 (161.70 to 162.70): BM018873.D (-1900) (-)

Ion 160.00 (159.70 to 160.70): BM018873.D (-1900) (-)

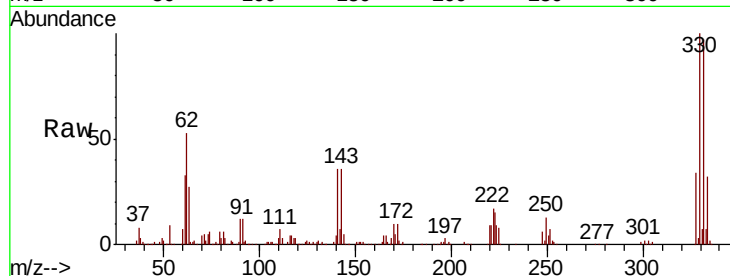




#42
 2,4,6-Tribromophenol
 Concen: 133.411 ng
 RT: 15.85 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM018873.D
 Acq: 20 Feb 2019 03:01

Instrument :
 BNA_M
 ClientSampleId :
 M-14-D

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	39.1	28.7	43.1

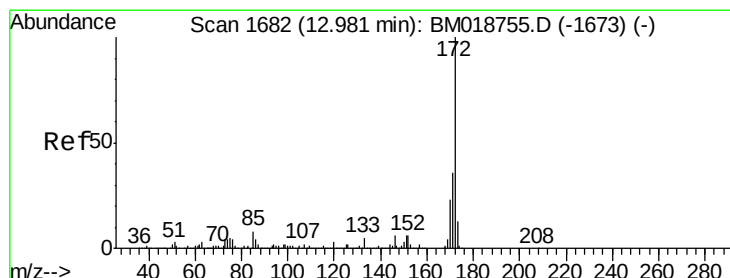
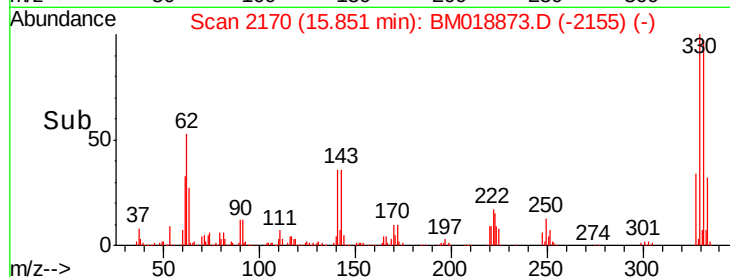
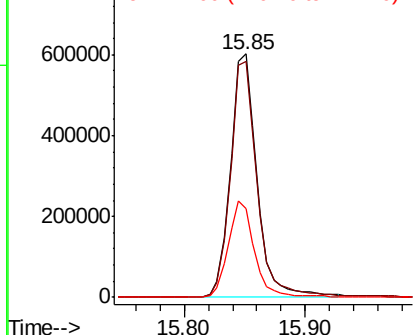


Abundance

Ion 329.80 (329.50 to 330.50): E

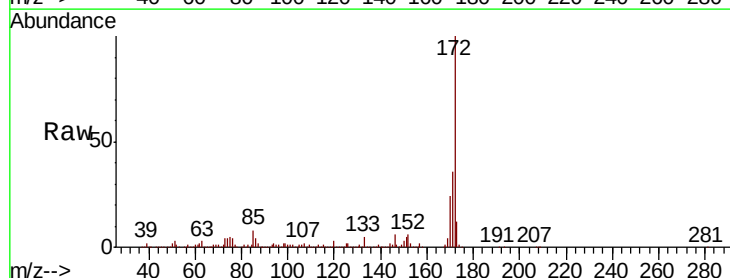
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.327 ng
 RT: 12.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM018873.D
 Acq: 20 Feb 2019 03:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	23.8	18.6	28.0

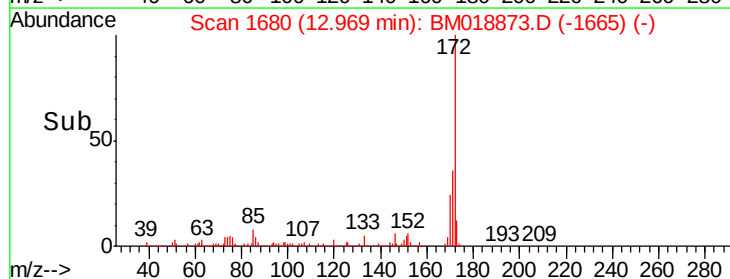
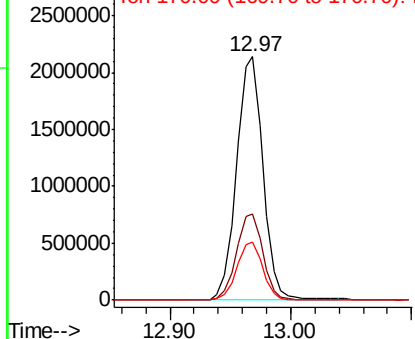


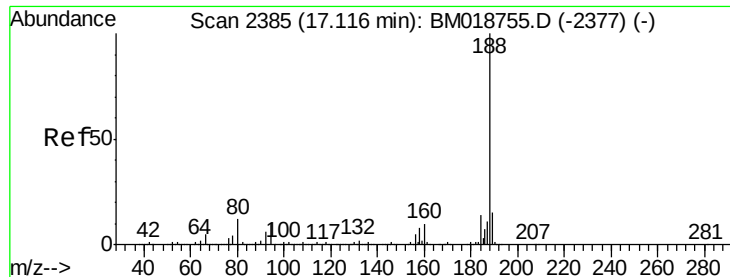
Abundance

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

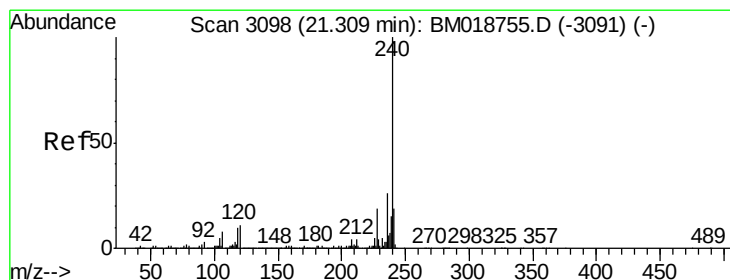
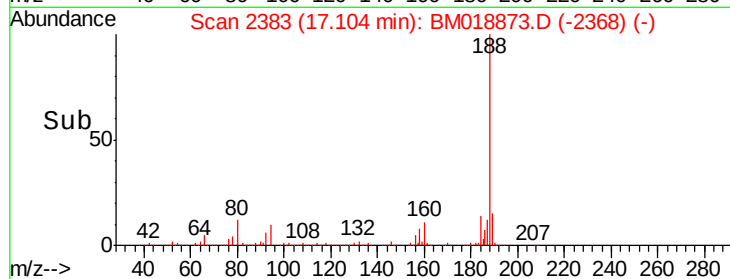
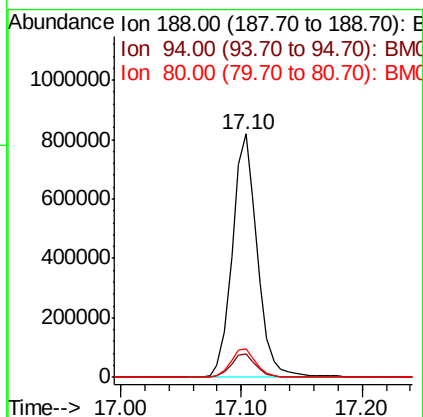
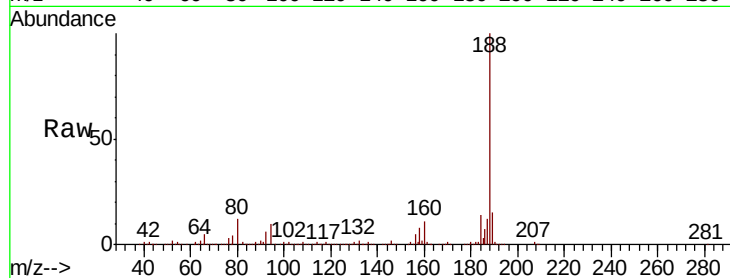




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018873.D
Acq: 20 Feb 2019 03:01

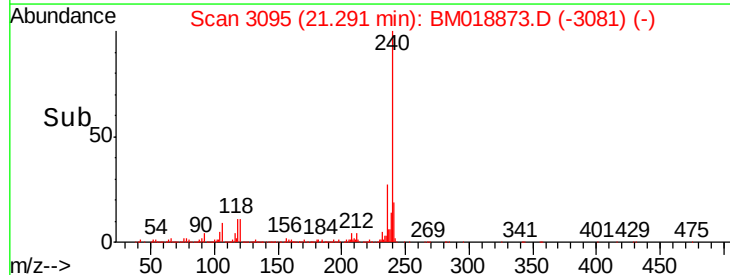
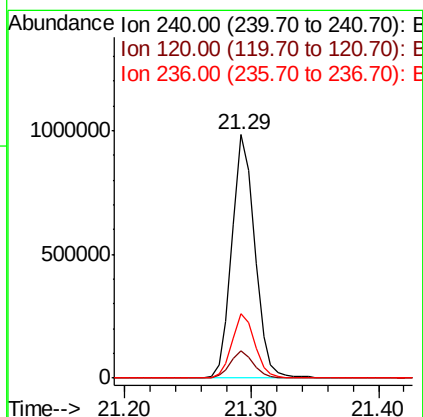
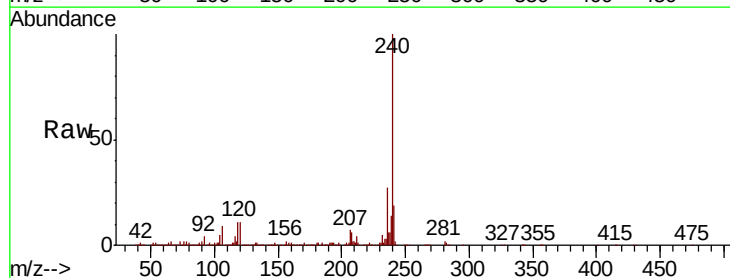
Instrument :
BNA_M
ClientSampled :
M-14-D

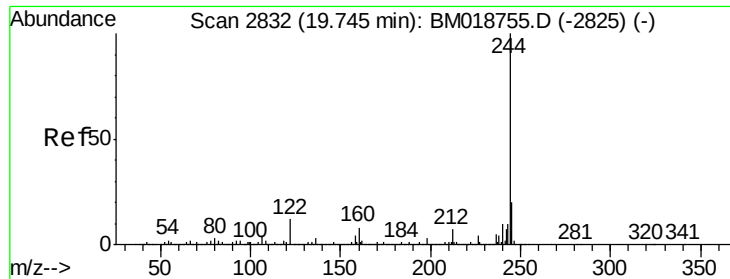
Tgt Ion:188 Resp: 1180958
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 11.7 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018873.D
Acq: 20 Feb 2019 03:01

Tgt Ion:240 Resp: 1228951
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.6 20.9 31.3

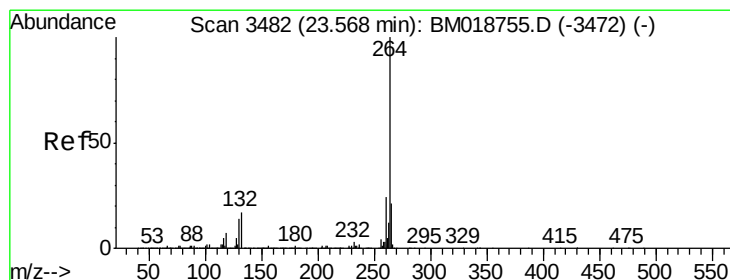
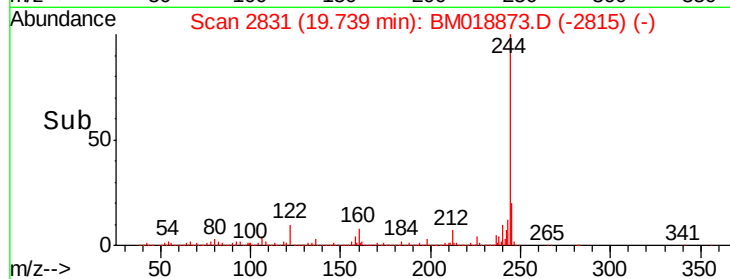
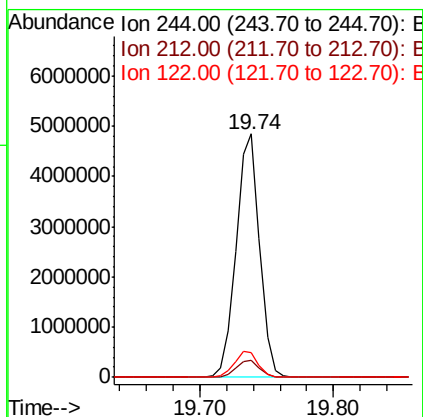
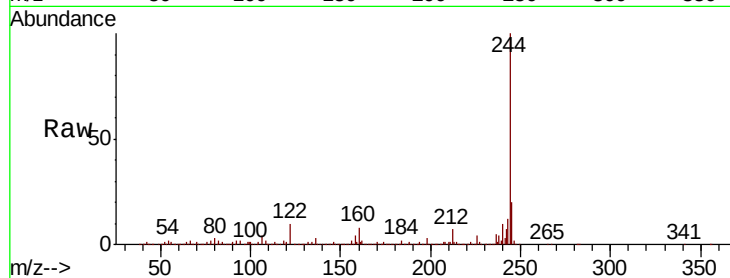




#79
 Terphenyl-d14
 Concen: 98.923 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018873.D
 Acq: 20 Feb 2019 03:01

Instrument :
 BNA_M
 ClientSampleId :
 M-14-D

Tgt Ion:244 Resp: 5893233
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.4 9.3 13.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.54 min Scan# 3478
 Delta R.T. -0.02 min
 Lab File: BM018873.D
 Acq: 20 Feb 2019 03:01

Tgt Ion:264 Resp: 1053097
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 22.0 17.3 25.9

