

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022019\
 Data File : BM018886.D
 Acq On : 20 Feb 2019 16:38
 Operator : JU/SJ
 Sample : PB117235BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BL

Quant Time: Feb 21 00:58:57 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	315706	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	1210510	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	677726	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1509167	20.00	ng	-0.01
76) Chrysene-d12	21.29	240	1290985	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1164252	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2596021	134.73	ng	-0.01
7) Phenol-d6	6.88	99	3585081	132.07	ng	0.00
23) Nitrobenzene-d5	8.87	82	3455517	131.99	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	1286416	131.68	ng	-0.02
45) 2-Fluorobiphenyl	12.97	172	6965843	136.44	ng	-0.01
79) Terphenyl-d14	19.74	244	9337190	149.20	ng	0.00

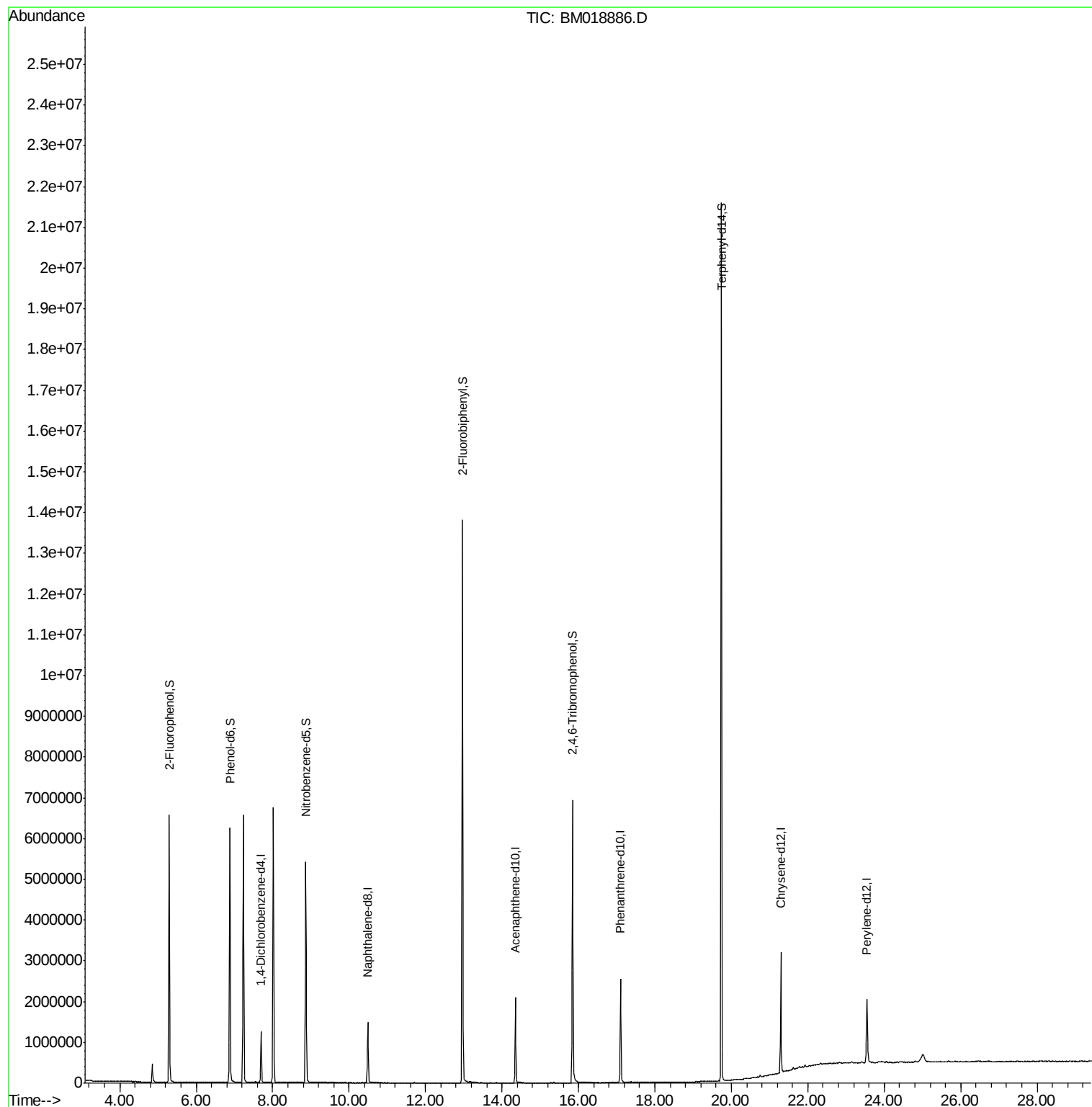
Target Compounds Qvalue

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

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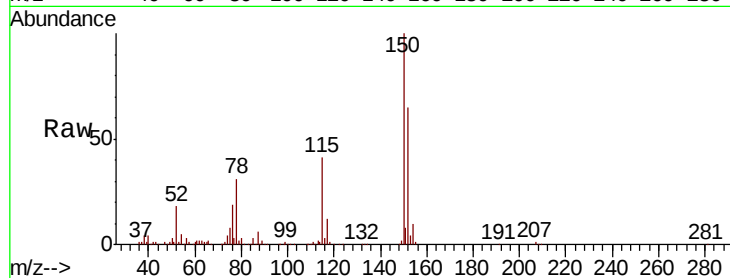


#1

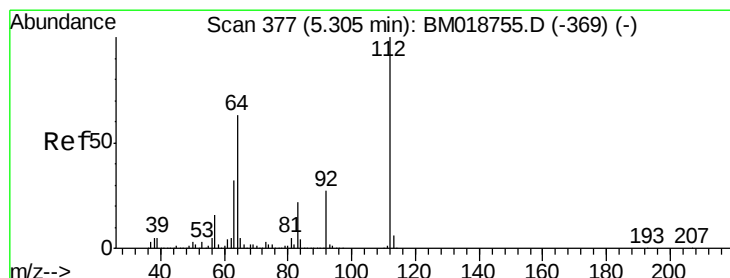
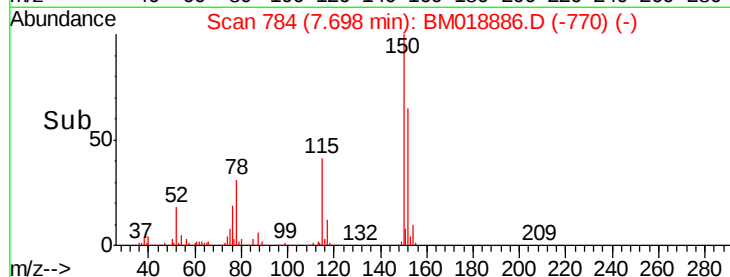
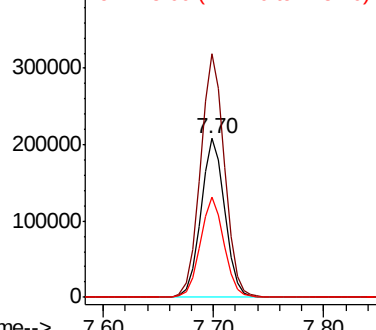
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BM018886.D
Acq: 20 Feb 2019 16:38

Instrument :
BNA_M
ClientSampleId :
PB117235BL

Tot Ion:152 Resp: 315706
Ion Ratio Lower Upper
152 100
150 153.3 127.3 190.9
115 62.9 50.8 76.2



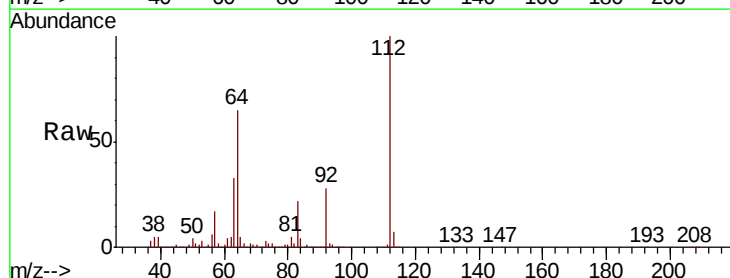
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



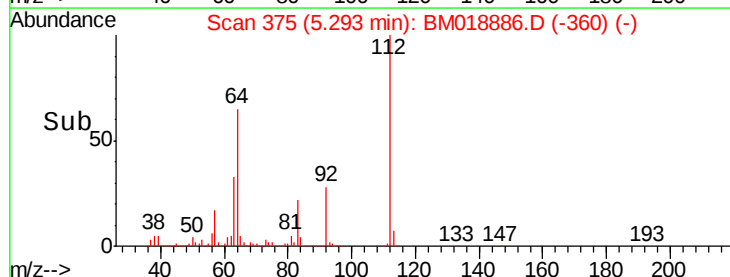
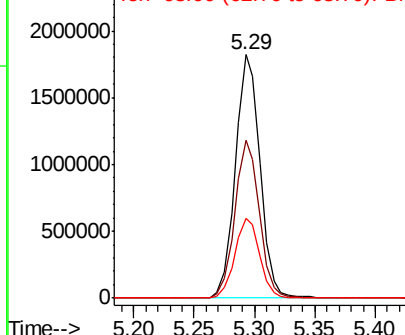
#5

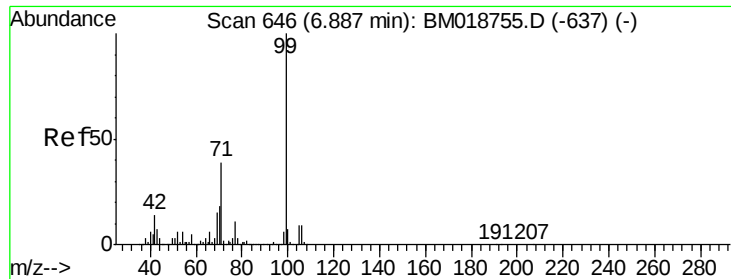
2-Fluorophenol
Concen: 134.730 ng
RT: 5.29 min Scan# 375
Delta R.T. -0.01 min
Lab File: BM018886.D
Acq: 20 Feb 2019 16:38

Tgt Ion:112 Resp: 2596021
Ion Ratio Lower Upper
112 100
64 65.0 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: 132.075 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018886.D

Acq: 20 Feb 2019 16:38

Instrument :

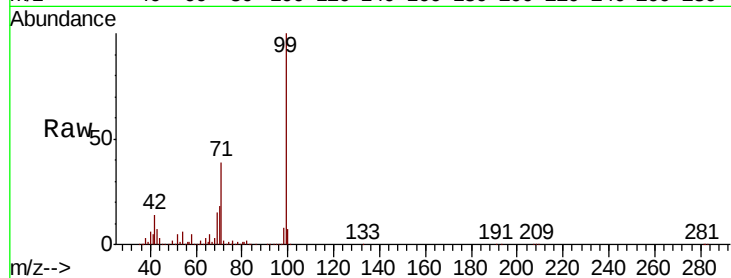
BNA_M

ClientSampleId :

PB117235BL

Tot Ion: 99 Resp: 3585081

Ion	Ratio	Lower	Upper
99	100		
42	13.8	11.0	16.6
71	38.7	31.3	46.9

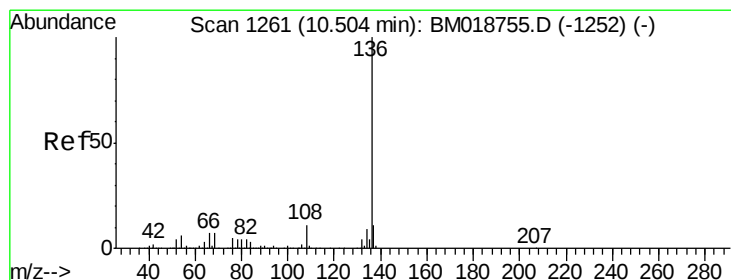
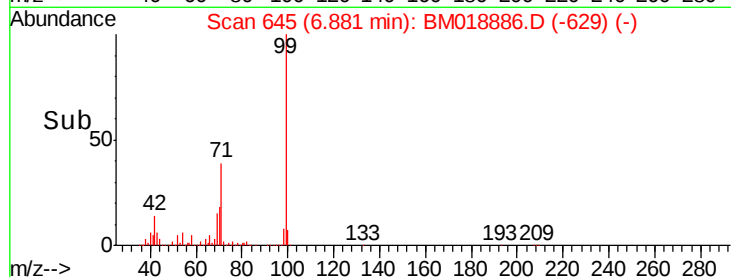
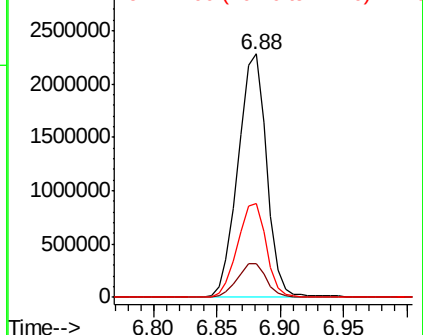


Abundance

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# 1258

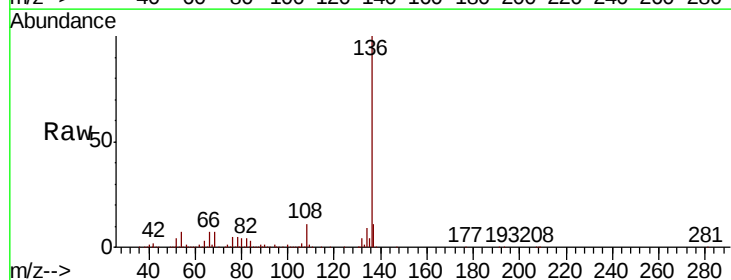
Delta R.T. -0.02 min

Lab File: BM018886.D

Acq: 20 Feb 2019 16:38

Tgt Ion: 136 Resp: 1210510

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.8	5.0	7.6
68	7.1	5.5	8.3



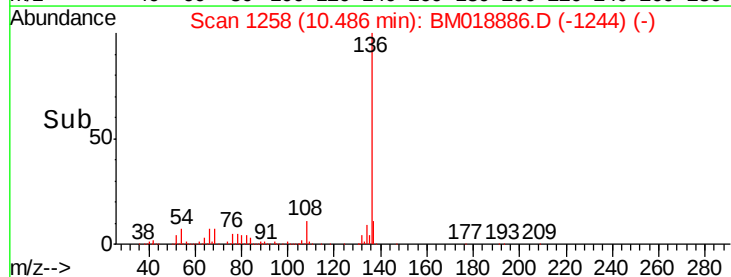
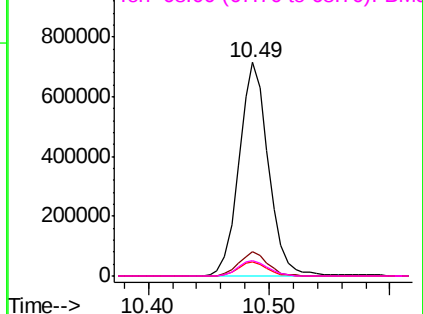
Abundance

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) (-)



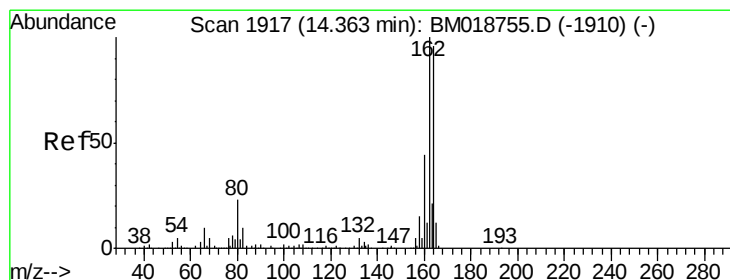
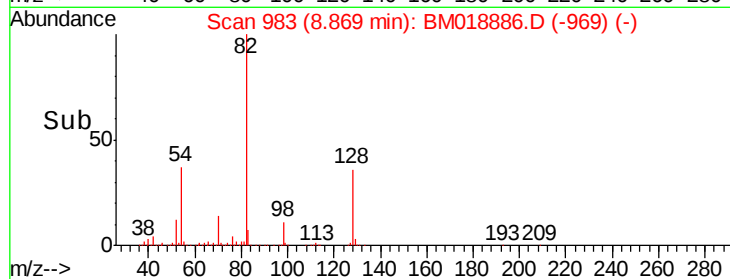
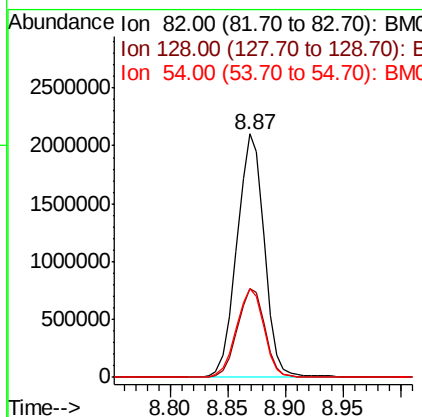
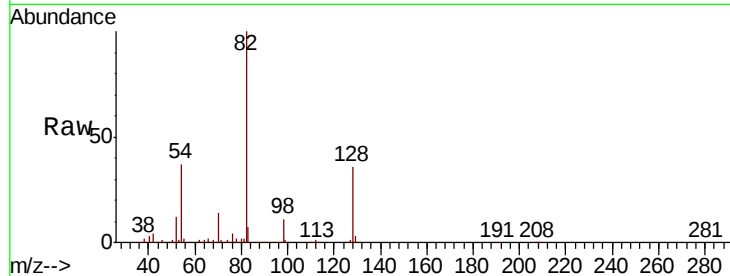


#23
 Nitrobenzene-d5
 Concen: 131.993 ng
 RT: 8.87 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BM018886.D
 Acq: 20 Feb 2019 16:38

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BL

Tot Ion: 82 Resp: 345517

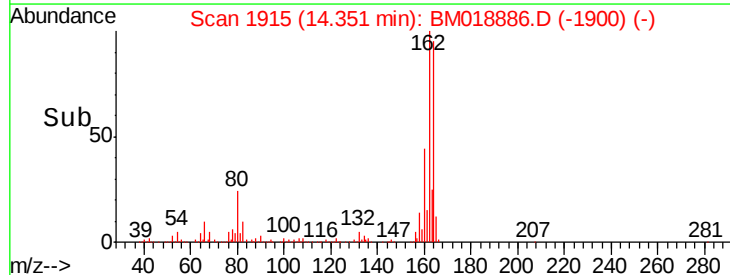
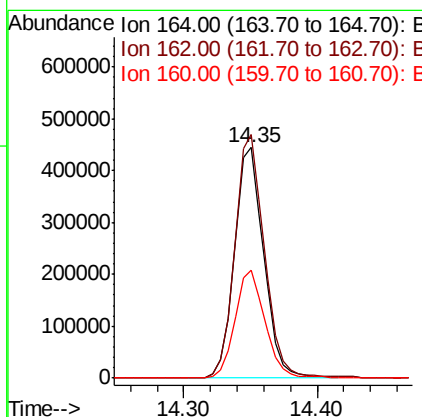
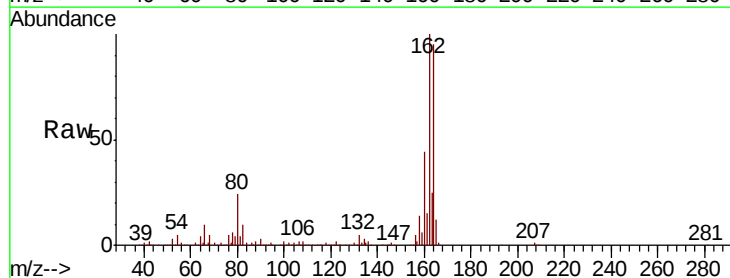
Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.9	44.9
54	36.7	29.1	43.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.35 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: BM018886.D
 Acq: 20 Feb 2019 16:38

Tgt Ion: 164 Resp: 677726

Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.4	125.0
160	46.9	36.6	55.0

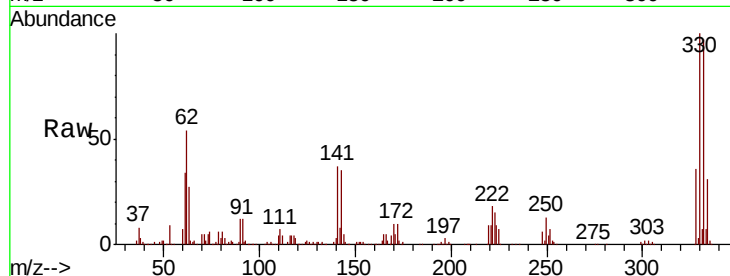




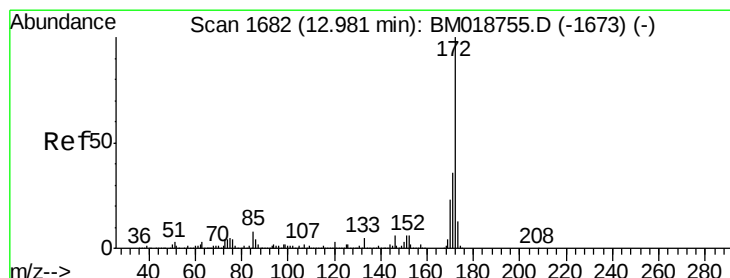
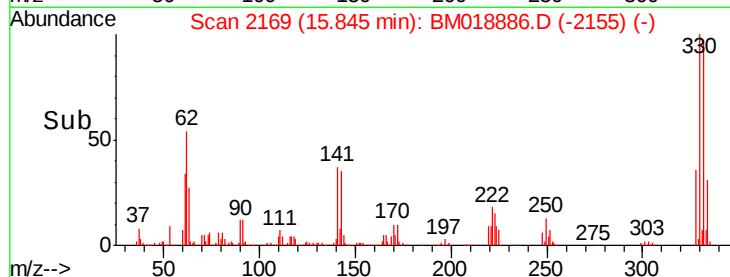
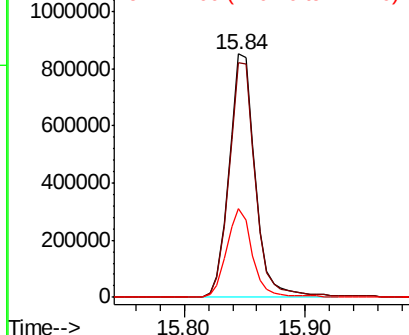
#42
 2,4,6-Tribromophenol
 Concen: 131.680 ng
 RT: 15.84 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BM018886.D
 Acq: 20 Feb 2019 16:38

Instrument :
 BNA_M
 ClientSampled :
 PB117235BL

Tot Ion:330 Resp: 1286416
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.9 115.3
 141 36.1 28.7 43.1

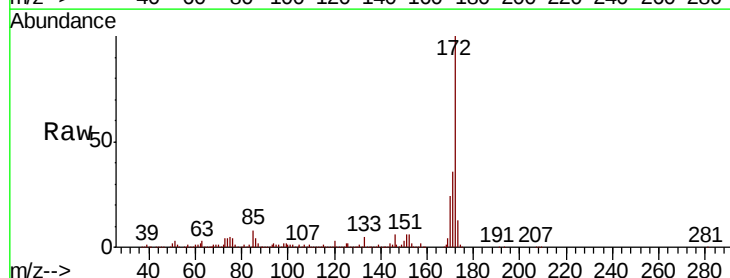


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

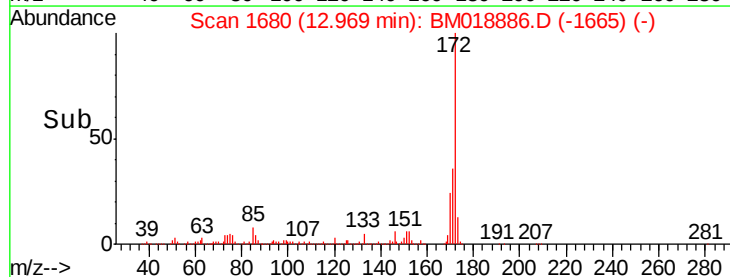
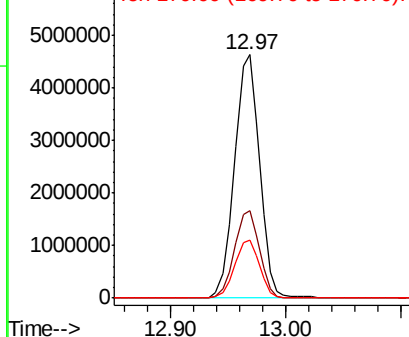


#45
 2-Fluorobiphenyl
 Concen: 136.441 ng
 RT: 12.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM018886.D
 Acq: 20 Feb 2019 16:38

Tgt Ion:172 Resp: 6965843
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.0 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: BM018886.D

Acq: 20 Feb 2019 16:38

Instrument :

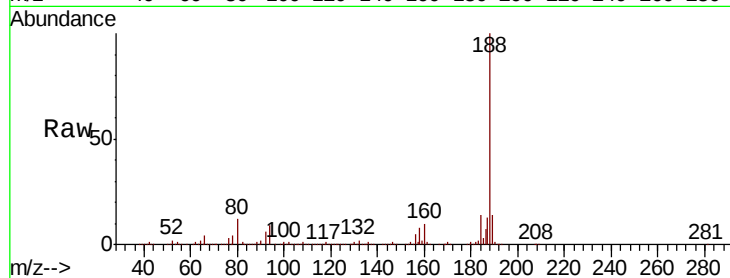
BNA_M

ClientSampleId :

PB117235BL

Tot Ion:188 Resp: 1509167

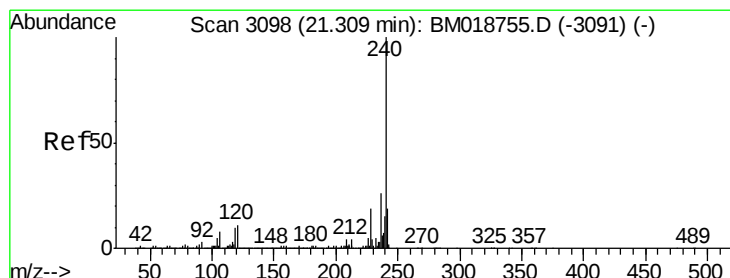
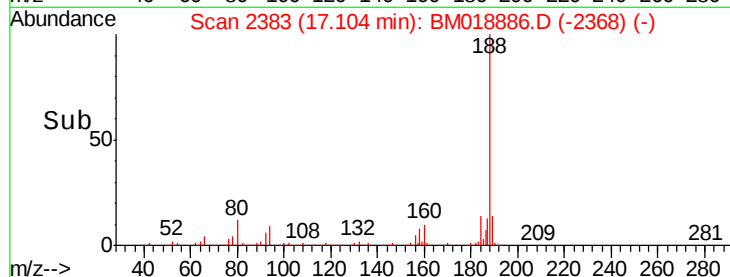
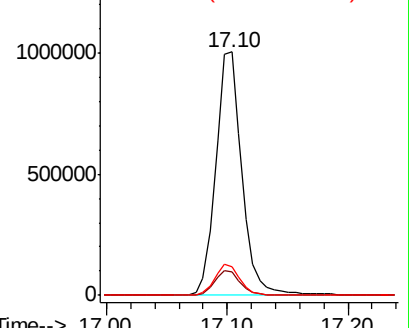
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.2
80	11.6	9.7	14.5



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: 21.29 min Scan# 3095

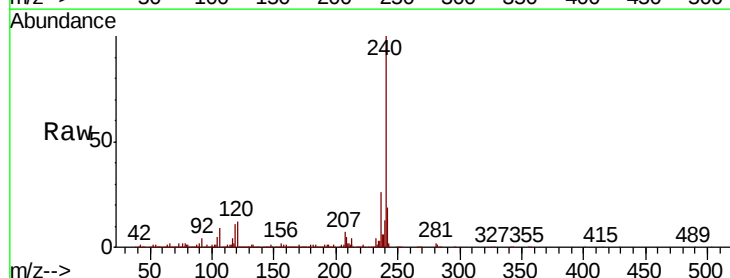
Delta R.T. -0.02 min

Lab File: BM018886.D

Acq: 20 Feb 2019 16:38

Tgt Ion:240 Resp: 1290985

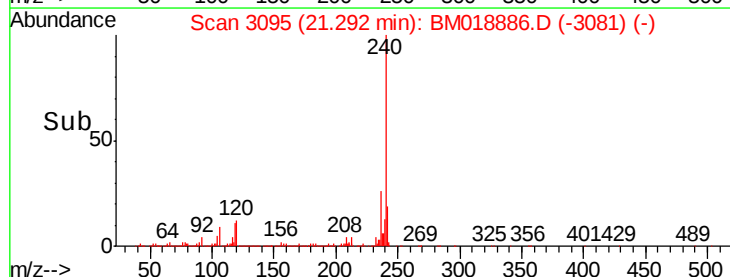
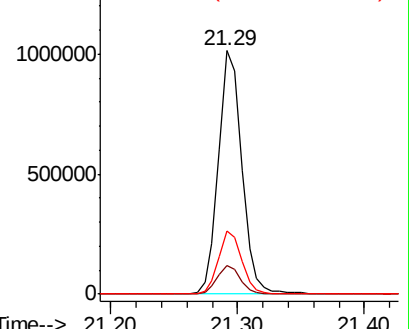
Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	25.9	20.9	31.3

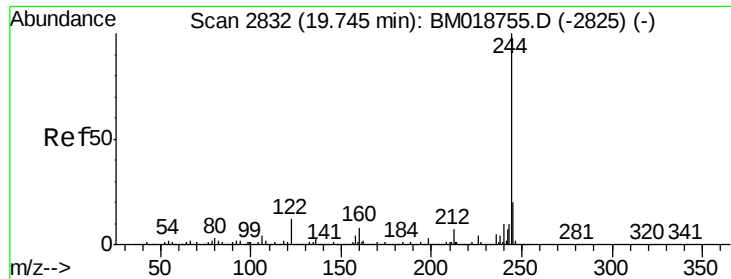


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

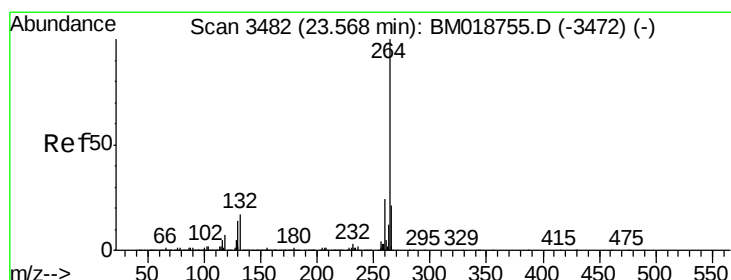
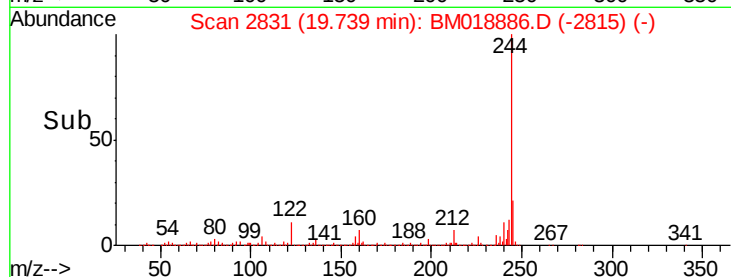
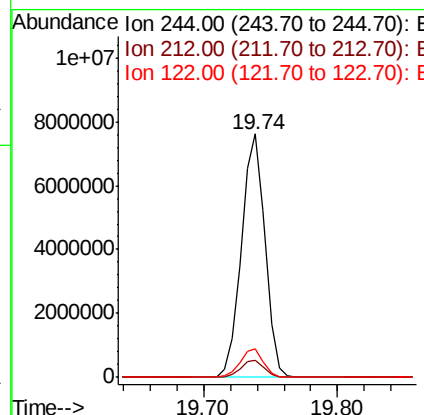
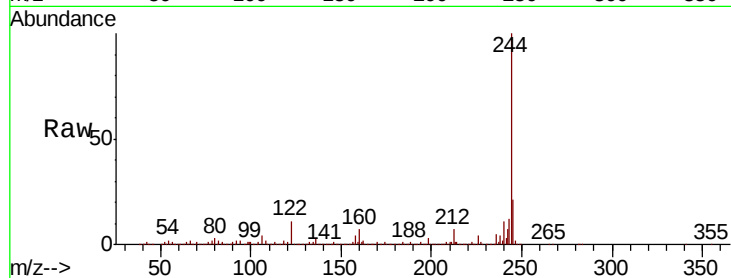




#79
 Terphenyl-d14
 Concen: 149.201 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018886.D
 Acq: 20 Feb 2019 16:38

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BL

Tot Ion:244 Resp: 9337190
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.5 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: BM018886.D
 Acq: 20 Feb 2019 16:38

Tgt Ion:264 Resp: 1164252
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 22.1 17.3 25.9

