

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021319\
 Data File : BM018816.D
 Acq On : 13 Feb 2019 23:52
 Operator : JU/SJ
 Sample : PB117091TB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117091TB

Quant Time: Feb 14 01:26:18 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	7.71	152	299373	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1183979	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	647167	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1456089	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1130746	20.00	ng	0.00
87) Perylene-d12	23.56	264	935854	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2221863	121.60	ng	0.00
7) Phenol-d6	6.89	99	2974496	115.56	ng	0.00
23) Nitrobenzene-d5	8.88	82	1906063	74.44	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	952296	102.08	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	3779955	77.53	ng	0.00
79) Terphenyl-d14	19.74	244	5308981	96.86	ng	0.00

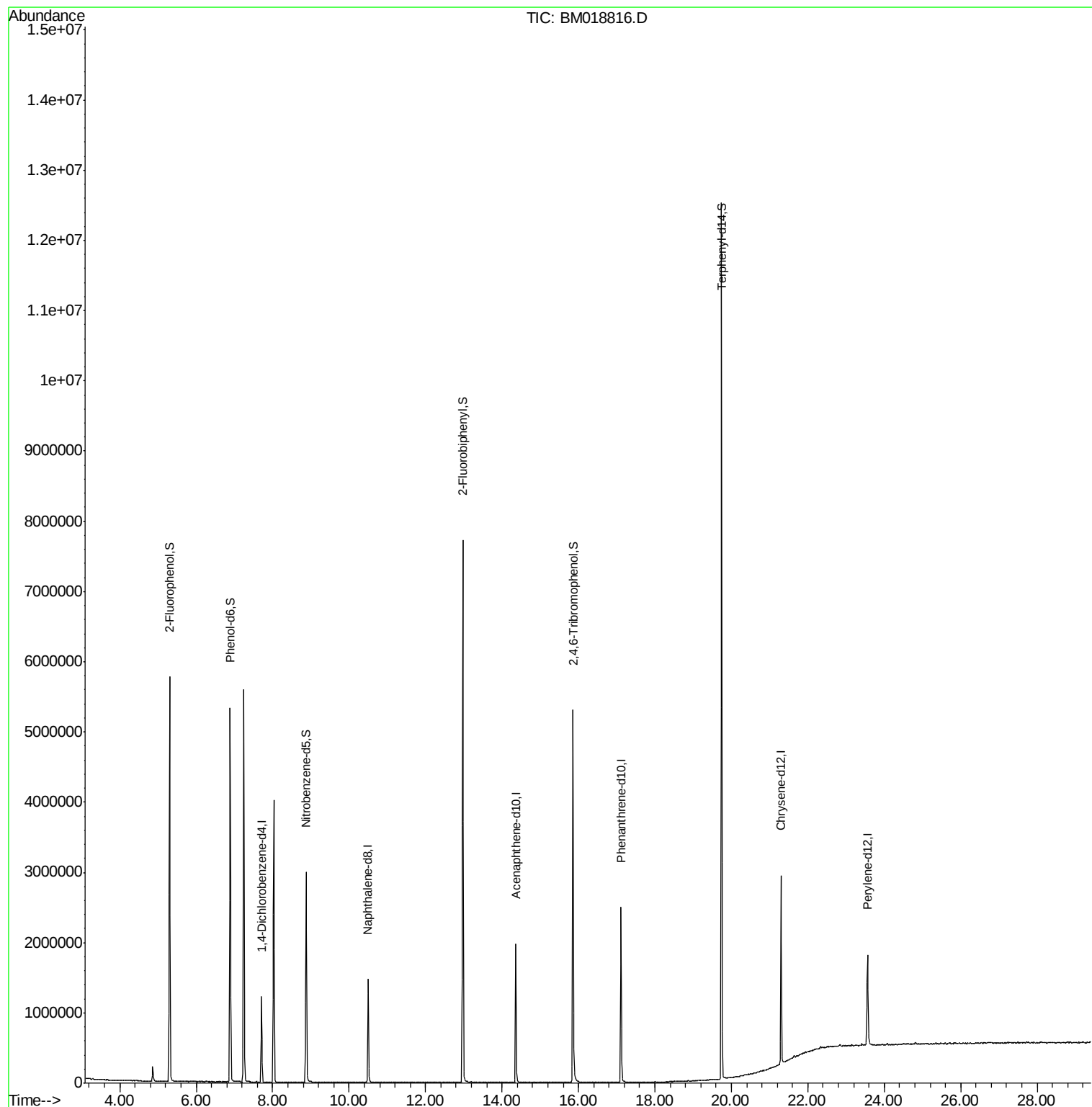
Target Compounds Qvalue

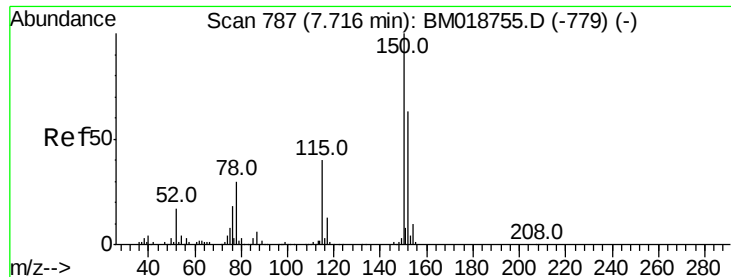
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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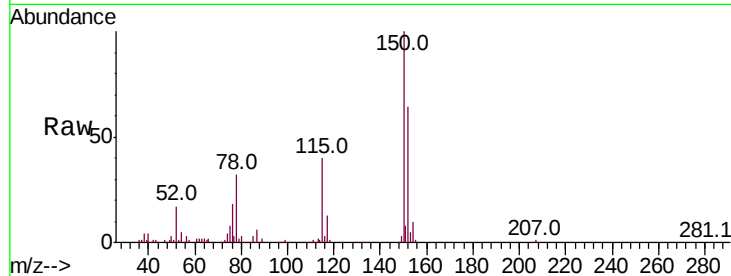


#1

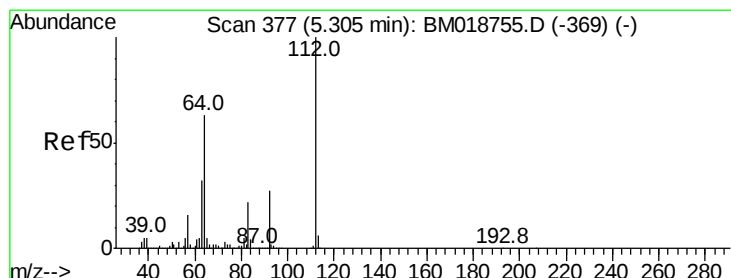
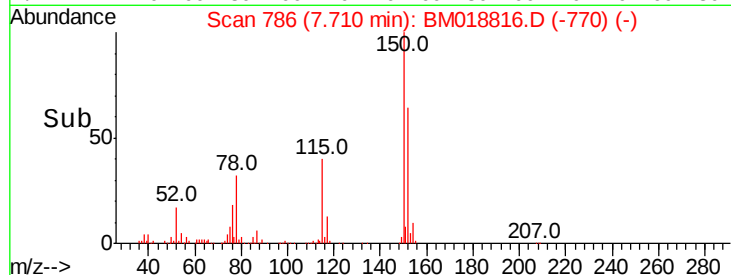
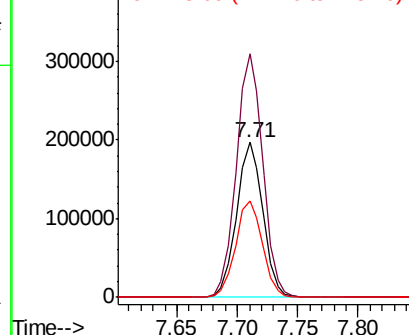
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tot Ion:152 Resp: 299373
Ion Ratio Lower Upper
152 100
150 157.2 127.3 190.9
115 62.5 50.8 76.2



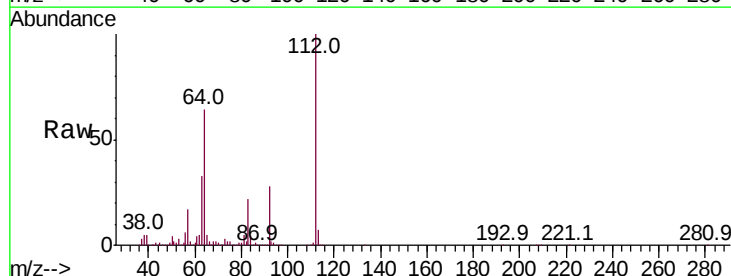
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



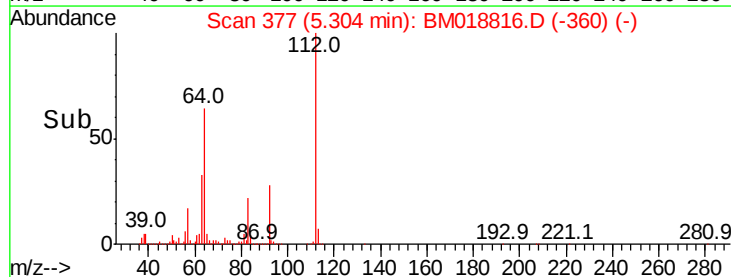
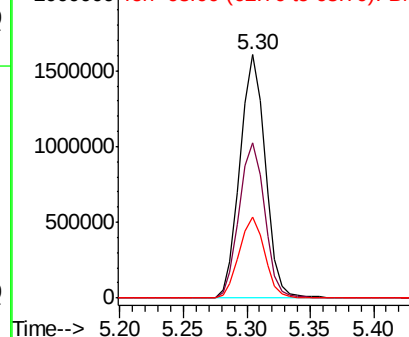
#5

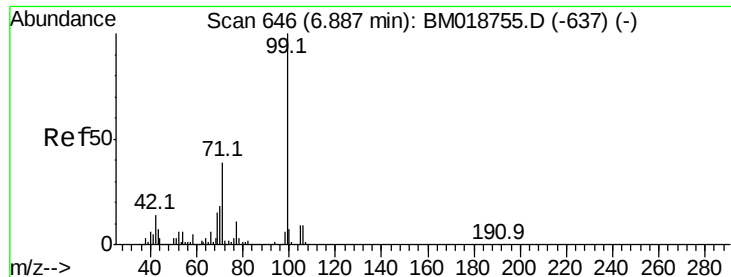
2-Fluorophenol
Concen: 121.603 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion:112 Resp: 2221863
Ion Ratio Lower Upper
112 100
64 64.0 50.6 75.8
63 33.0 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: 115.559 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

Instrument :

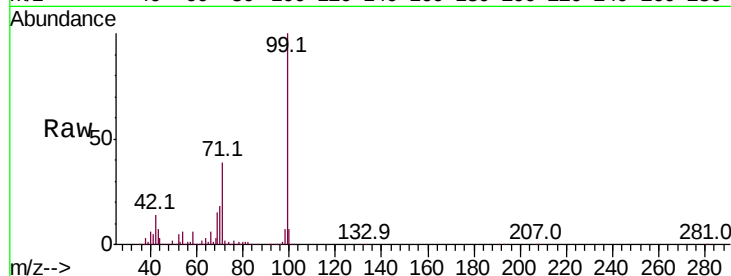
BNA_M

ClientSampleId :

PB117091TB

Tot Ion: 99 Resp: 2974496

Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.0	16.6
71	39.4	31.3	46.9

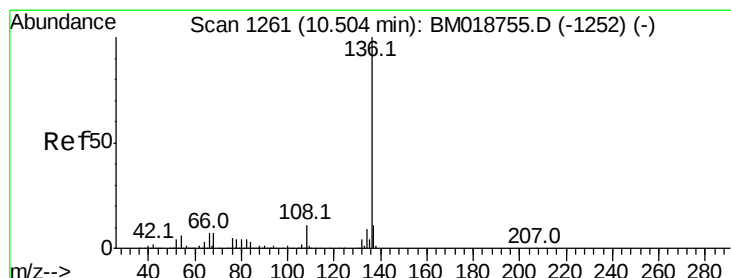
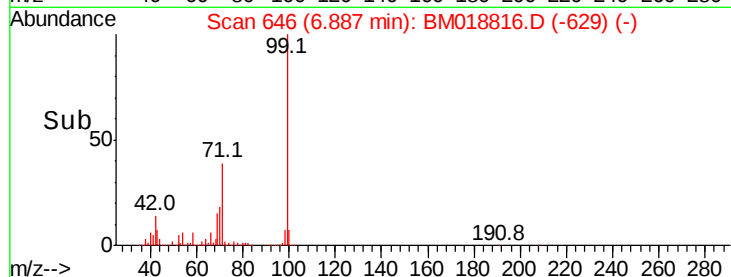
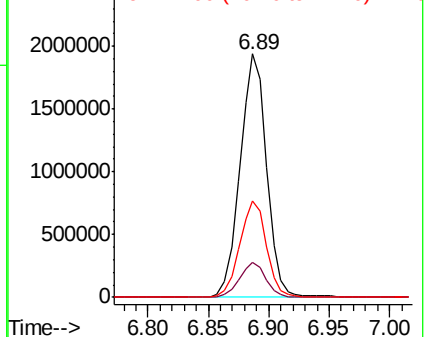


Abundance

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: 10.50 min Scan# 1260

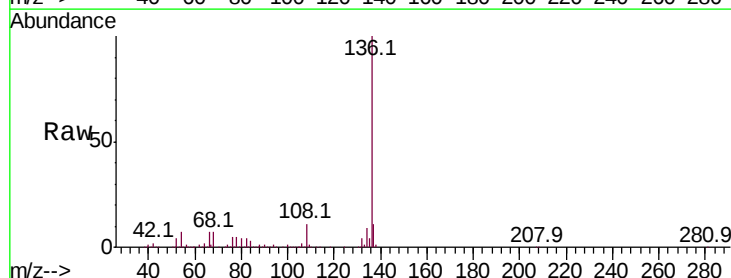
Delta R.T. -0.01 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

Tgt Ion: 136 Resp: 1183979

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	6.8	5.0	7.6
68	7.1	5.5	8.3



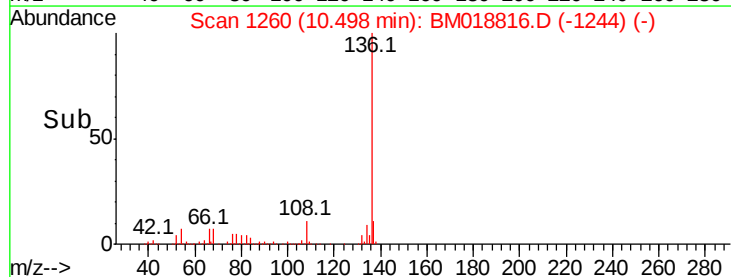
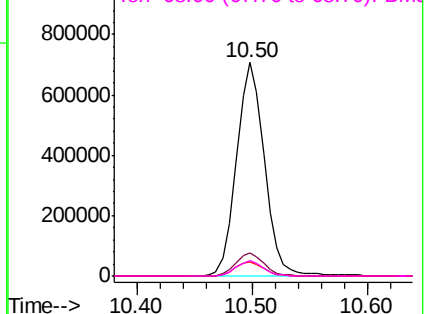
Abundance

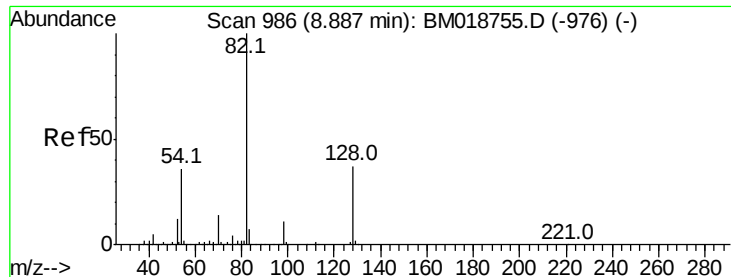
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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: 74.439 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

Instrument :

BNA_M

ClientSampleId :

PB117091TB

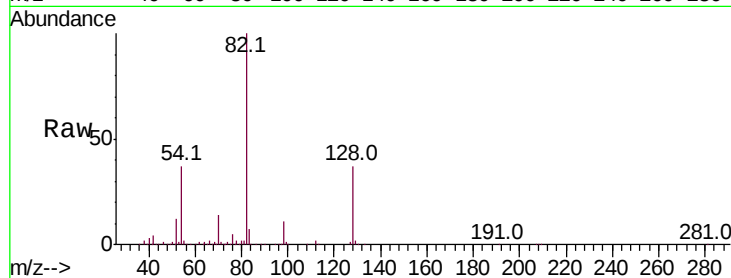
Tot Ion: 82 Resp: 1906063

Ion Ratio Lower Upper

82 100

128 37.4 29.9 44.9

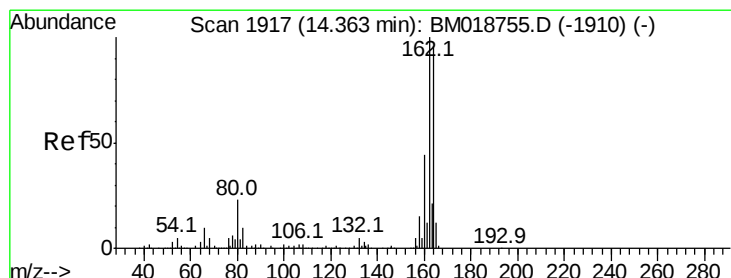
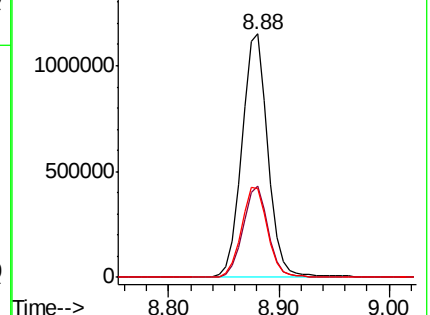
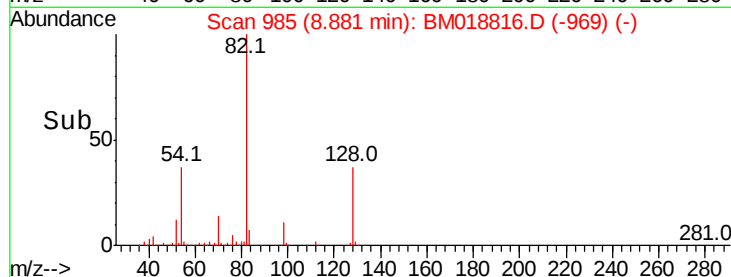
54 36.6 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

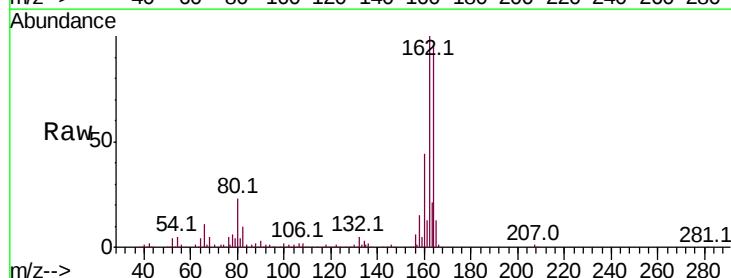
Tgt Ion:164 Resp: 647167

Ion Ratio Lower Upper

164 100

162 104.6 83.4 125.0

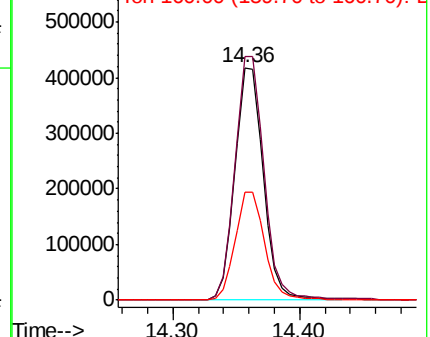
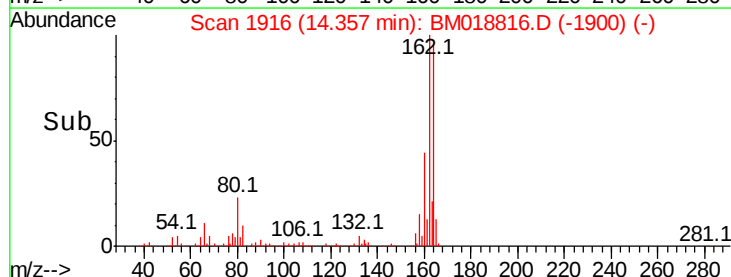
160 46.3 36.6 55.0

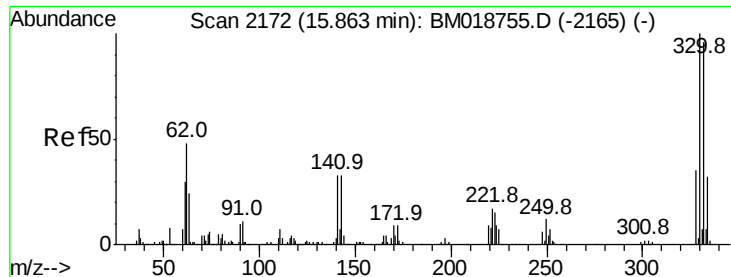


Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)

Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)

Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)

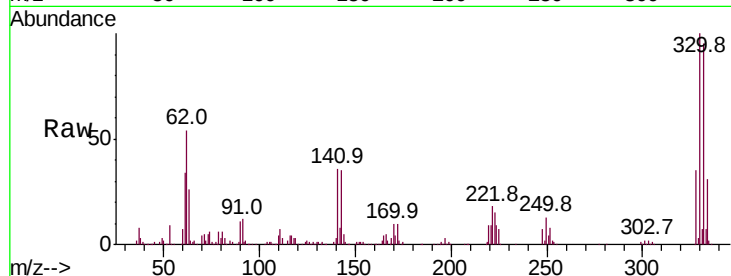




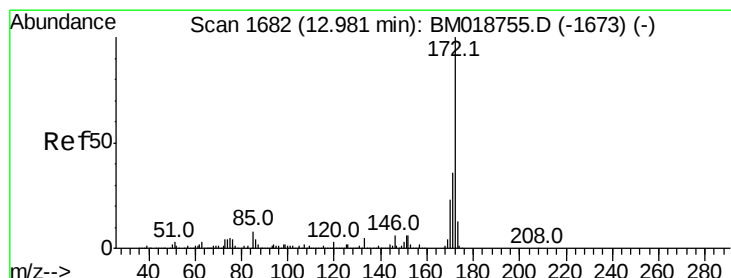
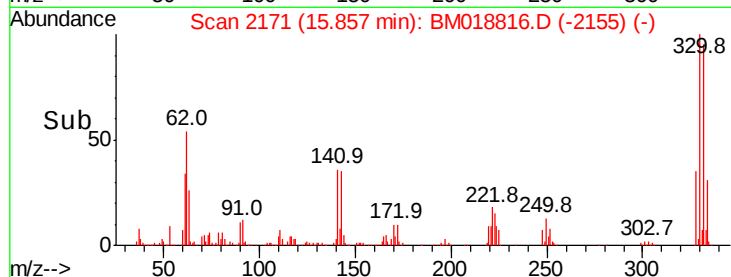
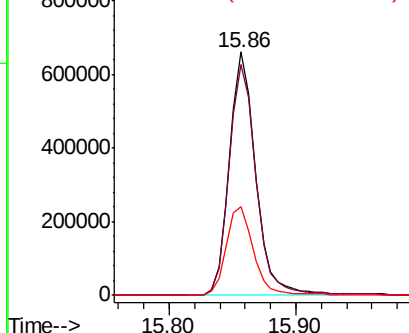
#42
 2,4,6-Tribromophenol
 Concen: 102.082 ng
 RT: 15.86 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM018816.D
 Acq: 13 Feb 2019 23:52

Instrument :
 BNA_M
 ClientSampleId :
 PB117091TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	38.0	28.7	43.1

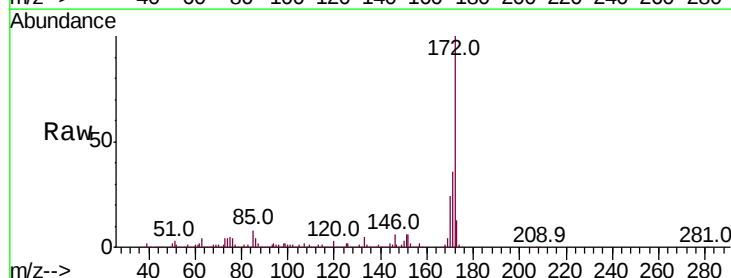


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

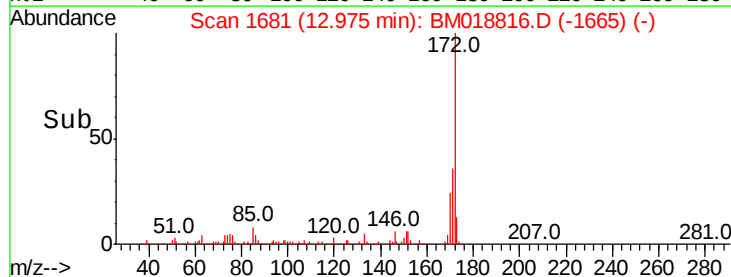
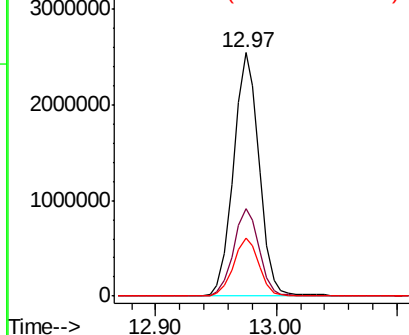


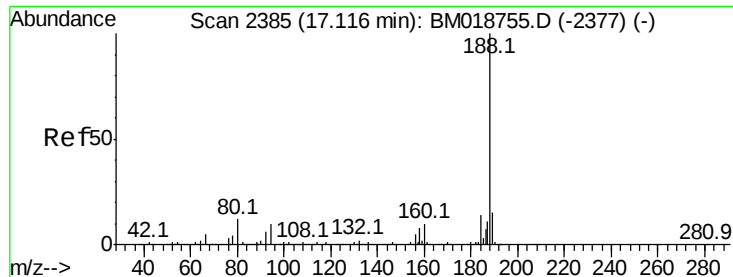
#45
 2-Fluorobiphenyl
 Concen: 77.535 ng
 RT: 12.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BM018816.D
 Acq: 13 Feb 2019 23:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	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

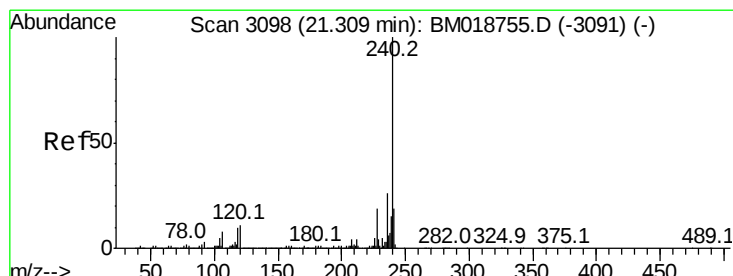
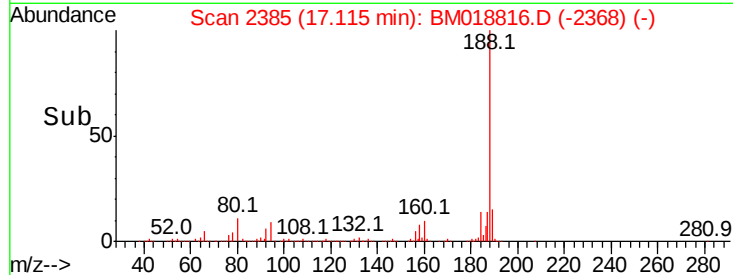
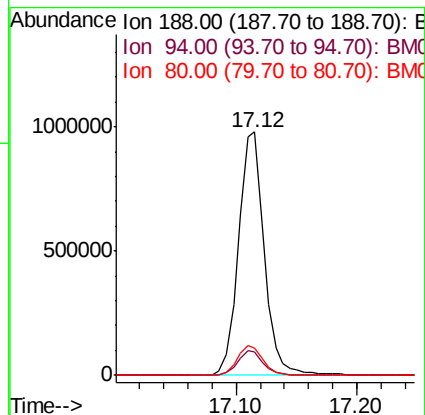
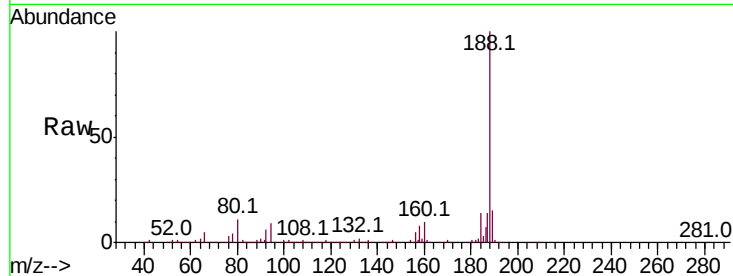




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

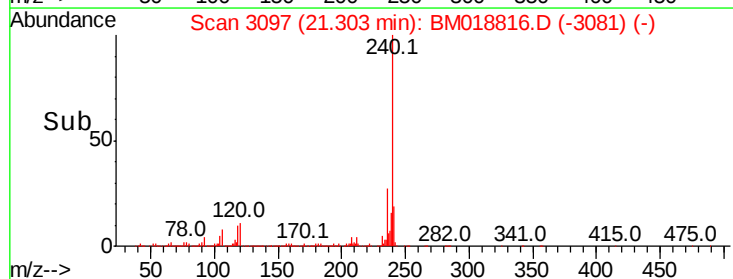
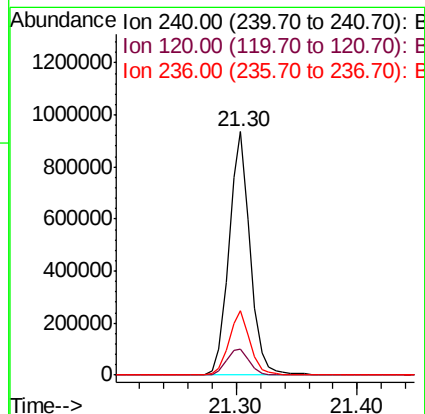
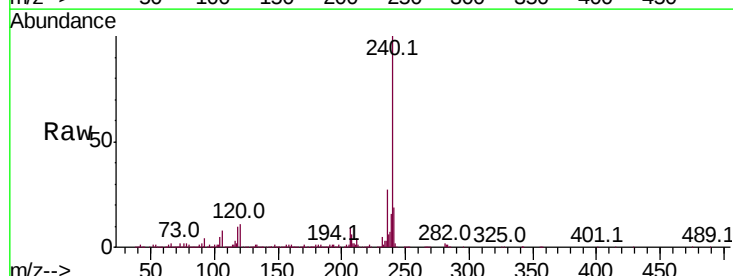
Instrument :
BNA_M
ClientSampleId :
PB117091TB

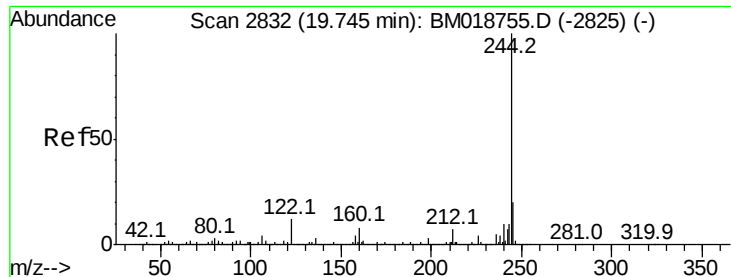
Tot Ion:188 Resp: 1456089
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 11.2 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion:240 Resp: 1130746
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 26.6 20.9 31.3





#79

Terphenyl-d14

Concen: 96.855 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

Instrument :

BNA_M

ClientSampleId :

PB117091TB

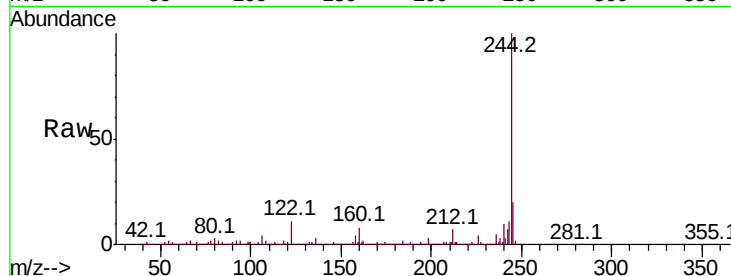
Tot Ion:244 Resp: 5308981

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

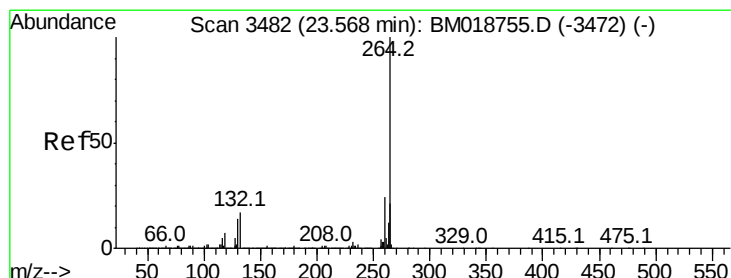
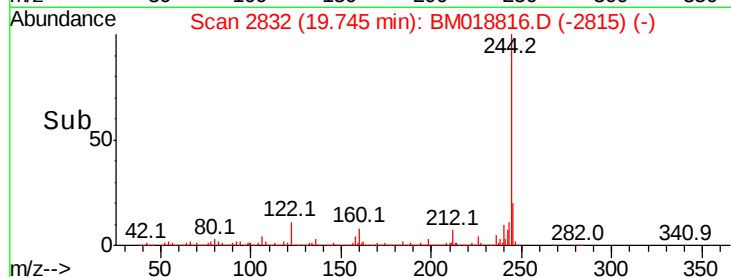
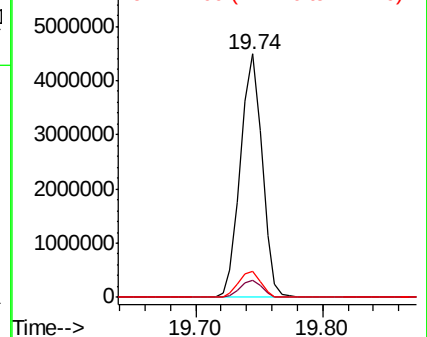
122 10.7 9.3 13.9



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: 23.56 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

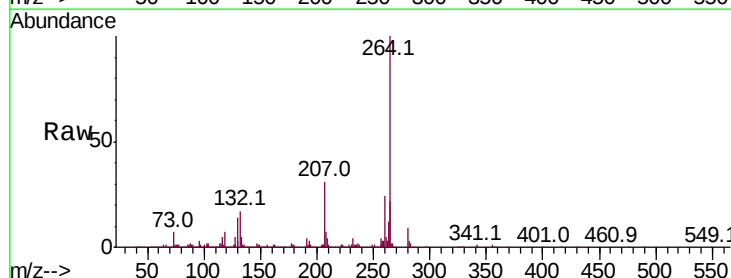
Tgt Ion:264 Resp: 935854

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.9 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

