

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022819\
 Data File : BM018966.D
 Acq On : 28 Feb 2019 13:14
 Operator : JU/SJ
 Sample : K1611-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HP-627

Quant Time: Mar 01 01:21:43 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	7.69	152	240862	20.00	ng	-0.03
21) Naphthalene-d8	10.47	136	1061643	20.00	ng	-0.03
39) Acenaphthene-d10	14.34	164	639640	20.00	ng	-0.02
64) Phenanthrene-d10	17.09	188	1468301	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1564266	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1401660	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	503135	34.23	ng	-0.02
7) Phenol-d6	6.86	99	450842	21.77	ng	-0.02
23) Nitrobenzene-d5	8.86	82	1818185	79.19	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	799717	86.74	ng	-0.02
45) 2-Fluorobiphenyl	12.95	172	3883493	80.60	ng	-0.03
79) Terphenyl-d14	19.73	244	5880437	77.55	ng	-0.02

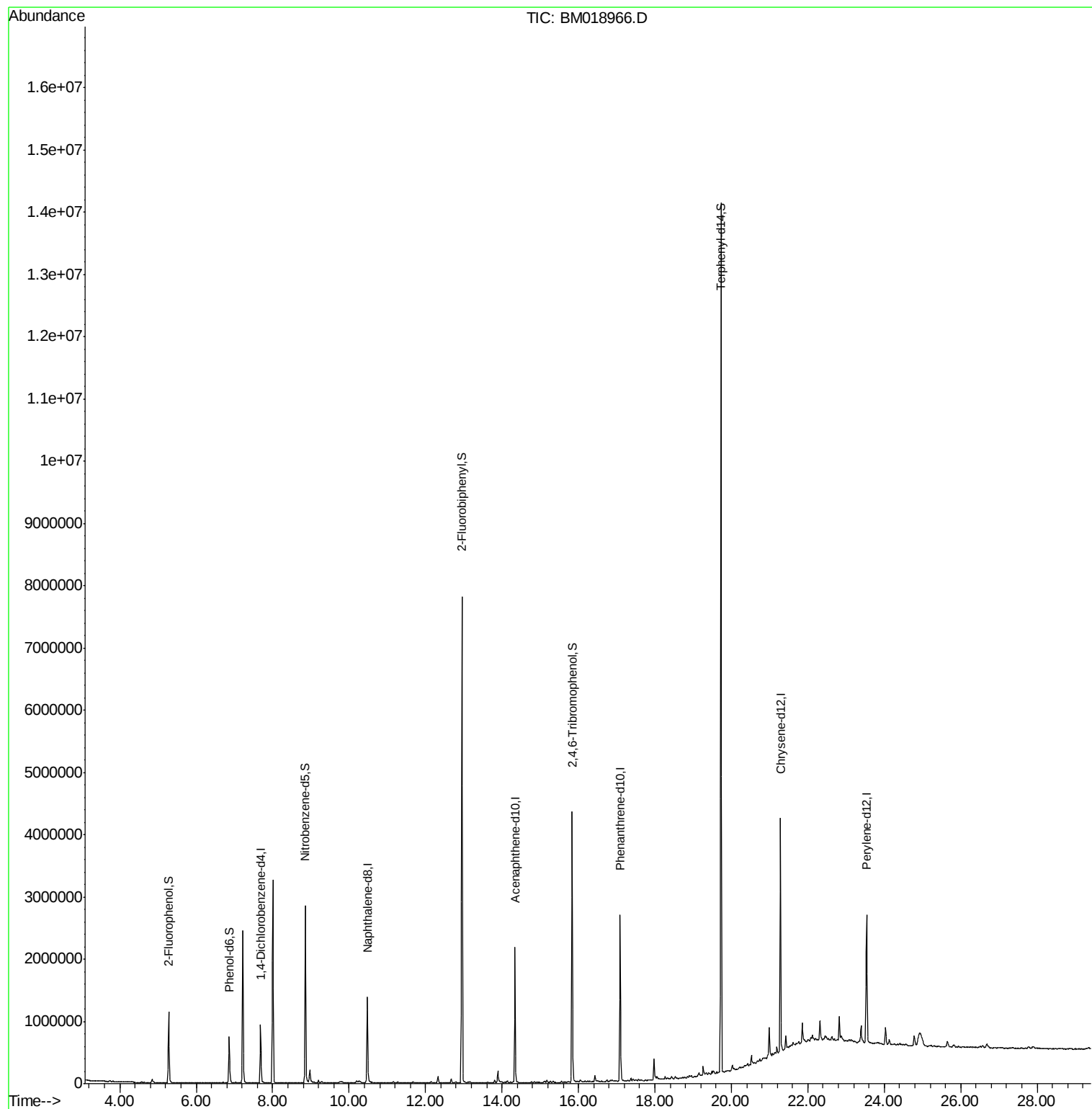
Target Compounds Qvalue

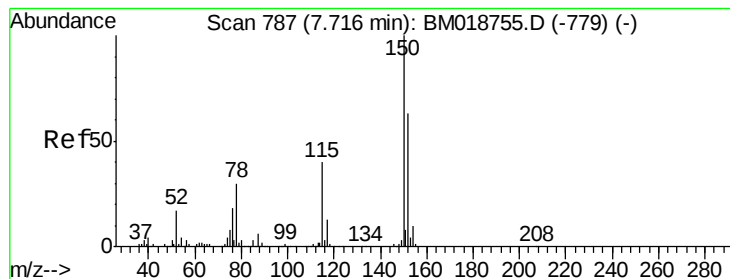
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022819\
Data File : BM018966.D
Acq On : 28 Feb 2019 13:14
Operator : JU/SJ
Sample : K1611-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HP-627

Quant Time: Mar 01 01:21:43 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



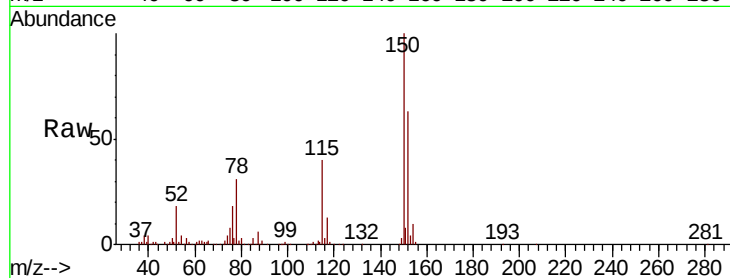


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 782
Delta R.T. -0.03 min
Lab File: BM018966.D
Acq: 28 Feb 2019 13:14

Instrument :
BNA_M
ClientSampleId :
HP-627

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	127.3	190.9
115	62.9	50.8	76.2

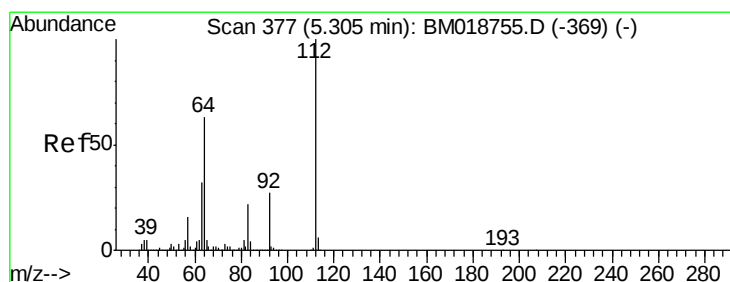
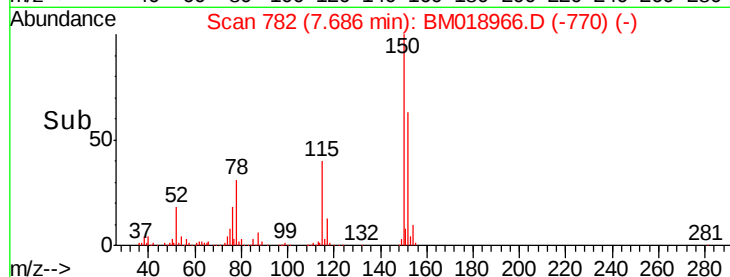
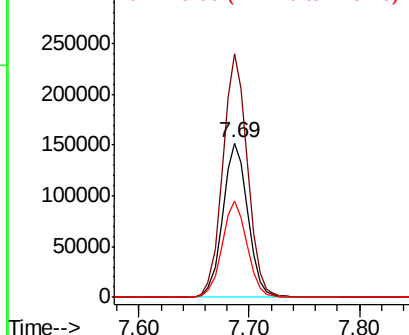


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

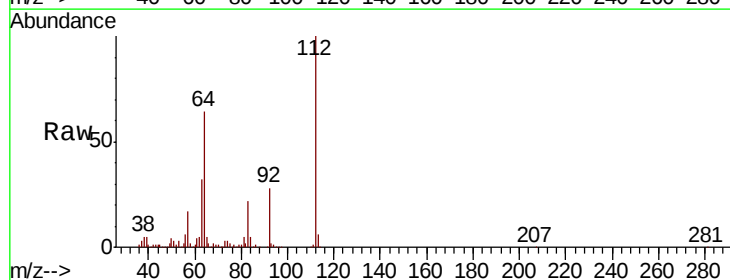
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 34.226 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM018966.D
Acq: 28 Feb 2019 13:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	50.6	75.8
63	32.5	25.7	38.5

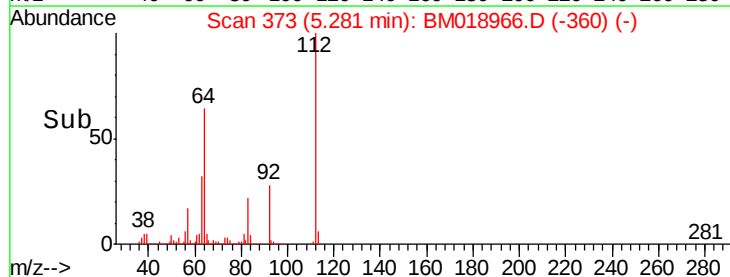
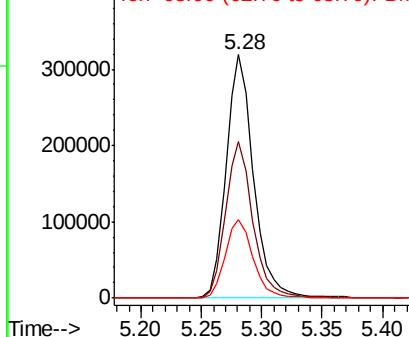


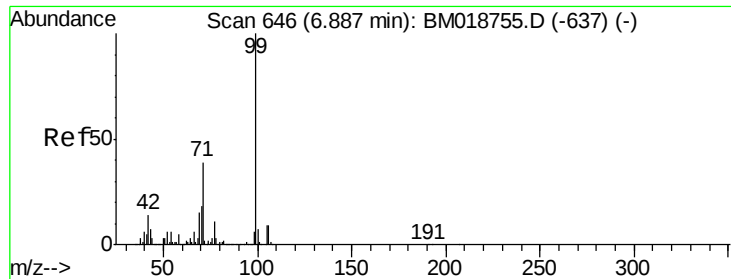
Abundance

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: 21.770 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018966.D

Acq: 28 Feb 2019 13:14

Instrument :

BNA_M

ClientSampleId :

HP-627

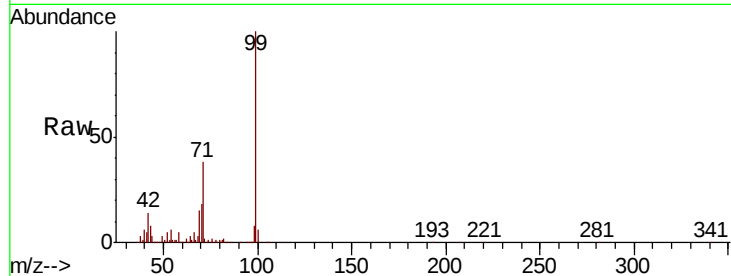
Tot Ion: 99 Resp: 450842

Ion Ratio Lower Upper

99 100

42 14.3 11.0 16.6

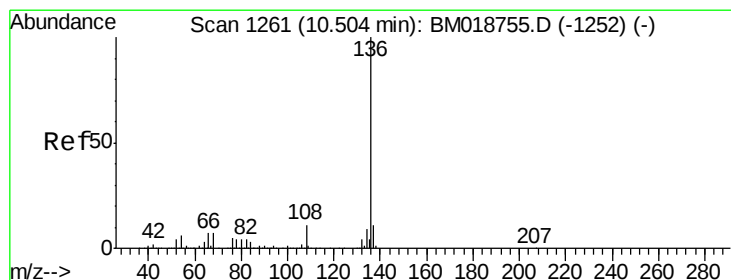
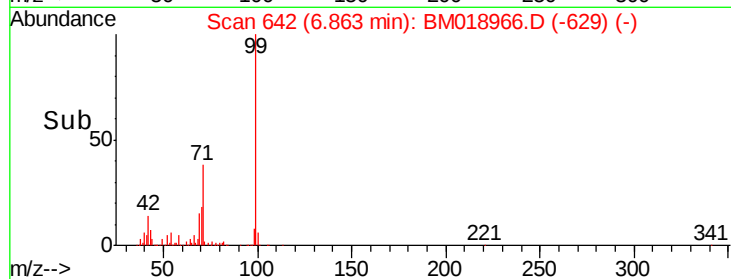
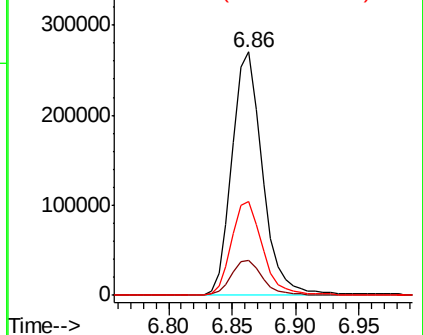
71 38.3 31.3 46.9



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: 10.47 min Scan# 1256

Delta R.T. -0.03 min

Lab File: BM018966.D

Acq: 28 Feb 2019 13:14

Tgt Ion: 136 Resp: 1061643

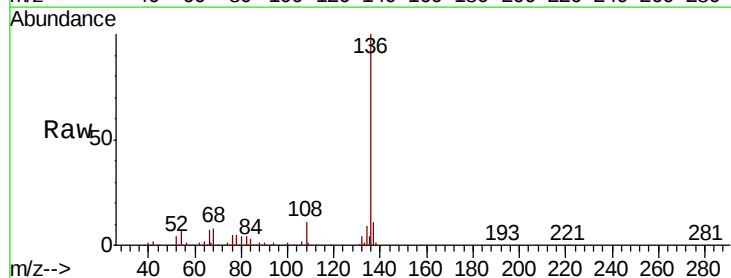
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.8 5.0 7.6

68 7.7 5.5 8.3

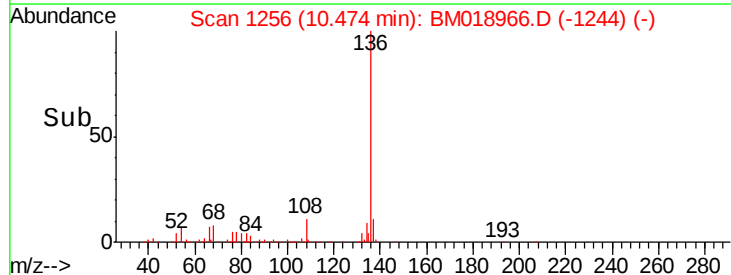
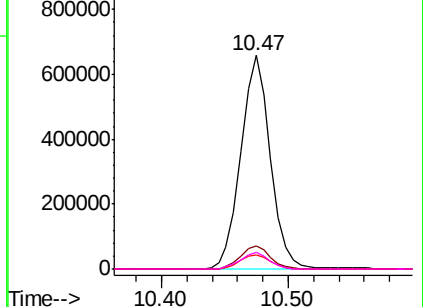


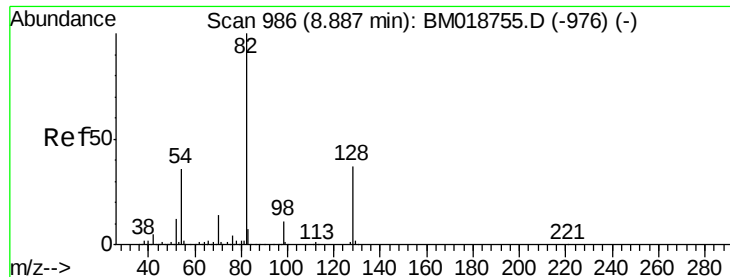
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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: 79.189 ng

RT: 8.86 min Scan# 981

Delta R.T. -0.03 min

Lab File: BM018966.D

Acq: 28 Feb 2019 13:14

Instrument :

BNA_M

ClientSampled :

HP-627

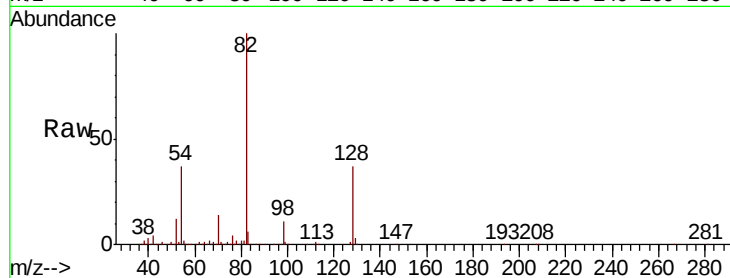
Tot Ion: 82 Resp: 1818185

Ion Ratio Lower Upper

82 100

128 37.0 29.9 44.9

54 37.2 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) (-)

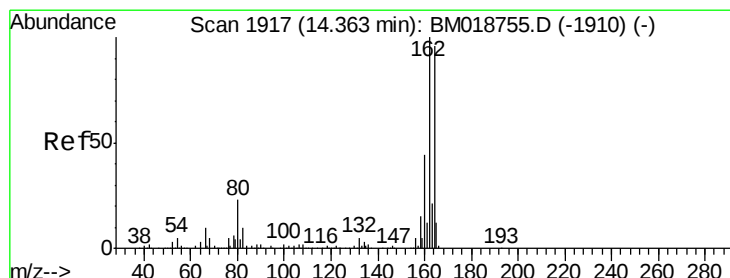
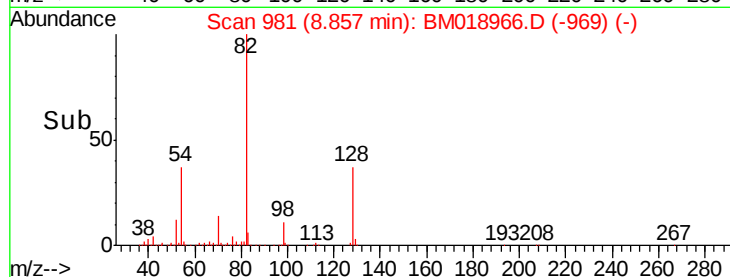
8.86

1000000

500000

0

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.34 min Scan# 1913

Delta R.T. -0.02 min

Lab File: BM018966.D

Acq: 28 Feb 2019 13:14

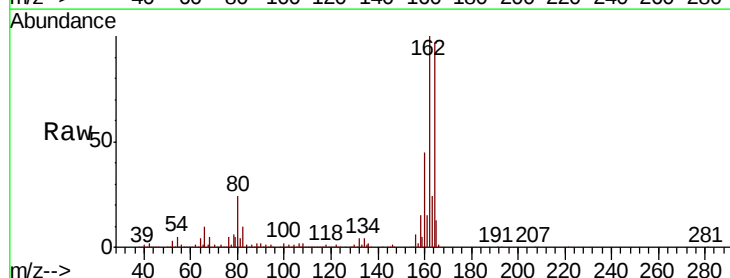
Tgt Ion:164 Resp: 639640

Ion Ratio Lower Upper

164 100

162 103.3 83.4 125.0

160 46.0 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) (-)

14.34

600000

500000

400000

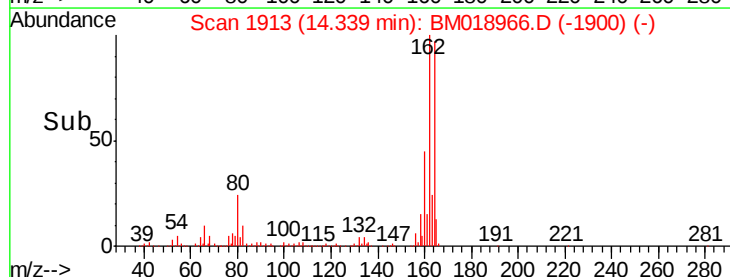
300000

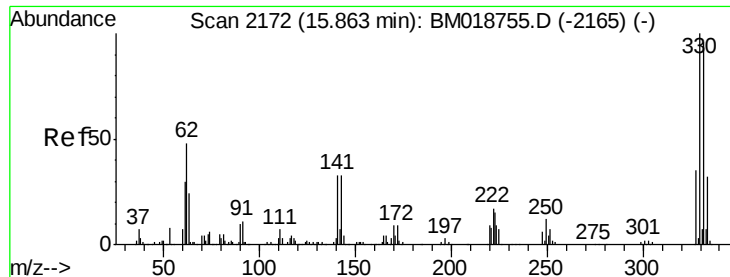
200000

100000

0

Time-->

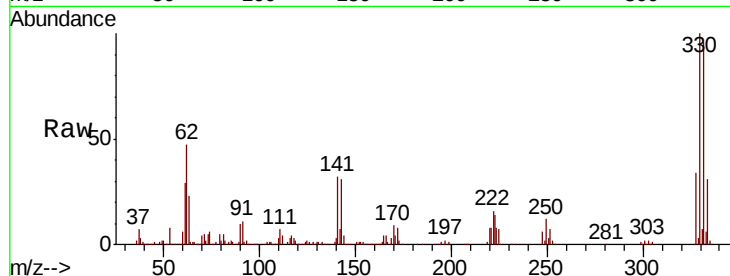




#42
 2,4,6-Tribromophenol
 Concen: 86.735 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BM018966.D
 Acq: 28 Feb 2019 13:14

Instrument :
 BNA_M
 ClientSampleId :
 HP-627

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	35.0	28.7	43.1

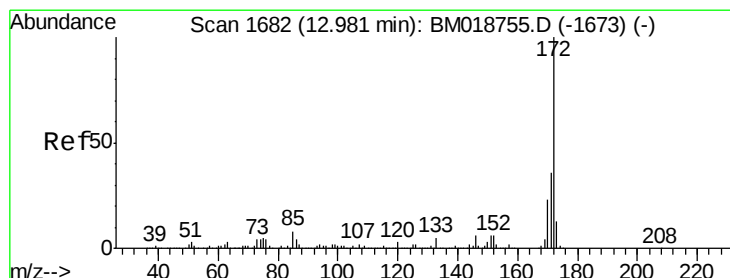
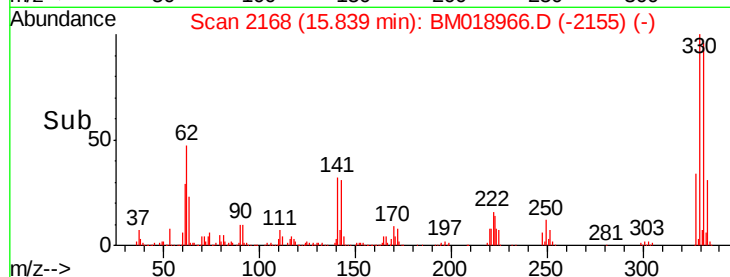
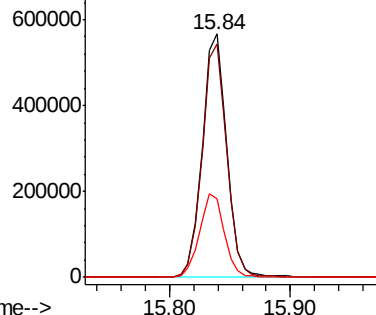


Abundance

Ion 329.80 (329.50 to 330.50): E

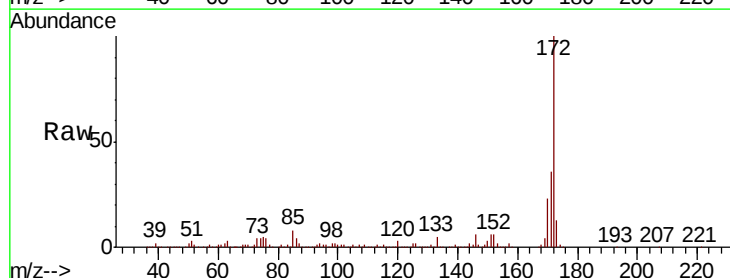
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.596 ng
 RT: 12.95 min Scan# 1677
 Delta R.T. -0.03 min
 Lab File: BM018966.D
 Acq: 28 Feb 2019 13:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	23.3	18.6	28.0

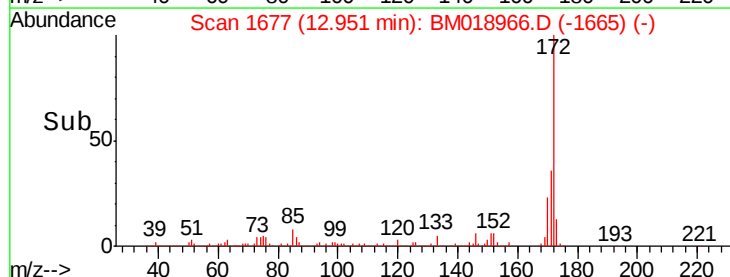
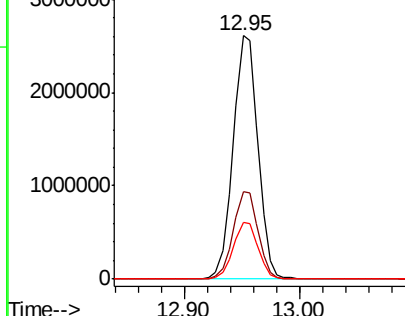


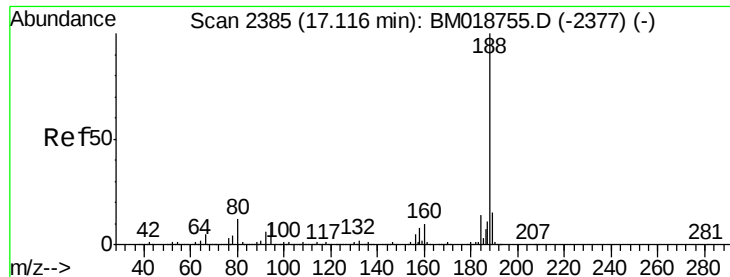
Abundance

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

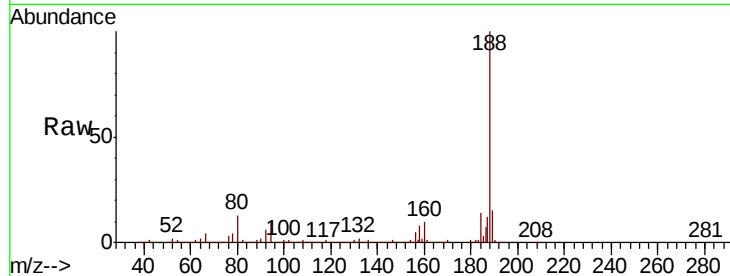




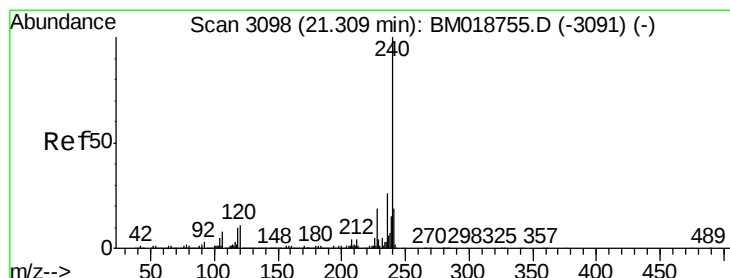
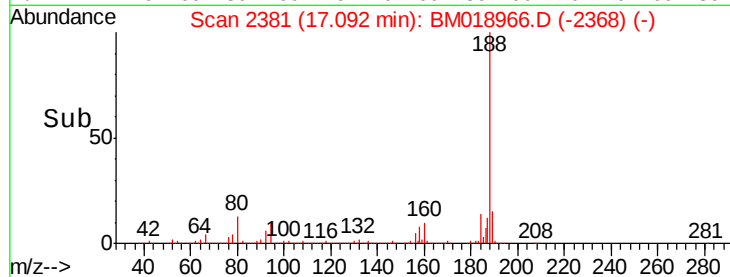
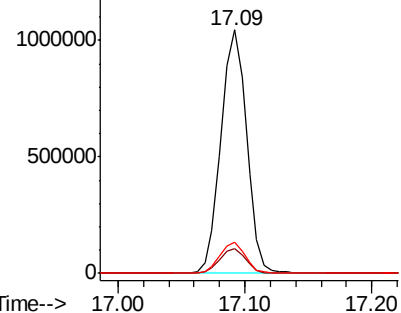
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM018966.D
Acq: 28 Feb 2019 13:14

Instrument :
BNA_M
ClientSampled :
HP-627

Tot Ion:188 Resp: 1468301
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 12.6 9.7 14.5

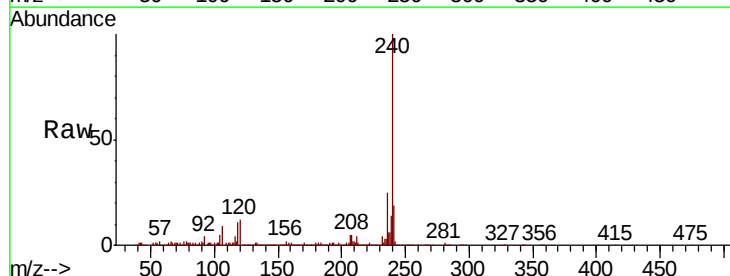


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

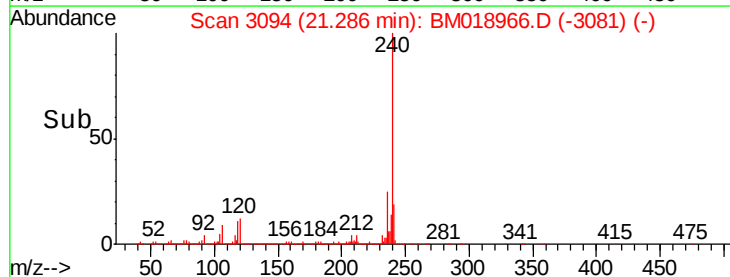
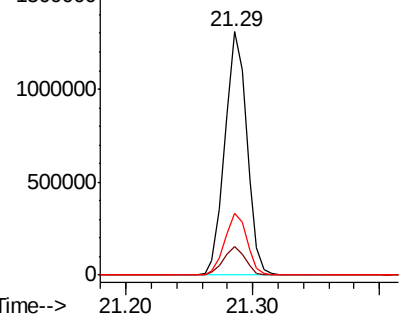


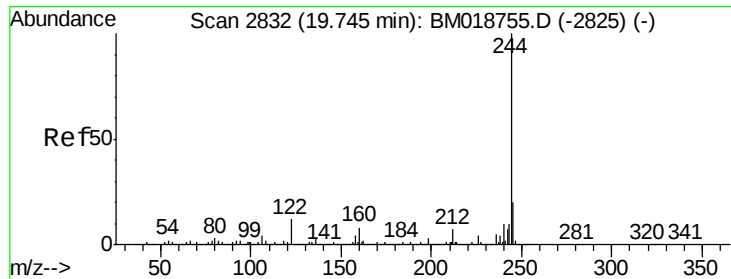
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BM018966.D
Acq: 28 Feb 2019 13:14

Tgt Ion:240 Resp: 1564266
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.5 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: 77.549 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BM018966.D

Acq: 28 Feb 2019 13:14

Instrument :

BNA_M

ClientSampleId :

HP-627

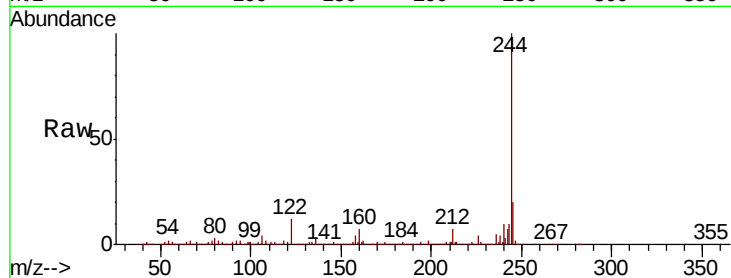
Tot Ion:244 Resp: 5880437

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

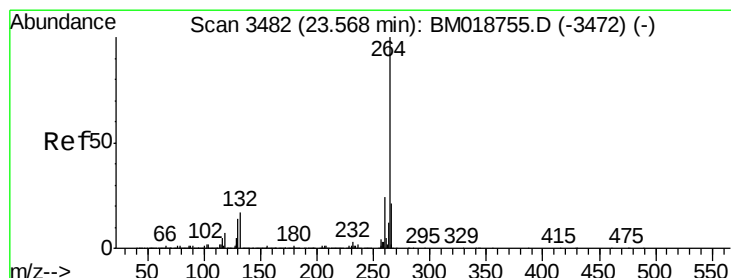
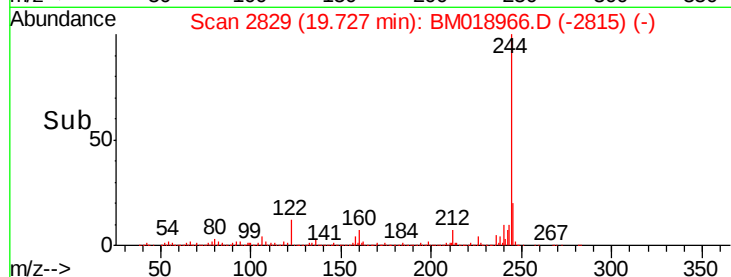
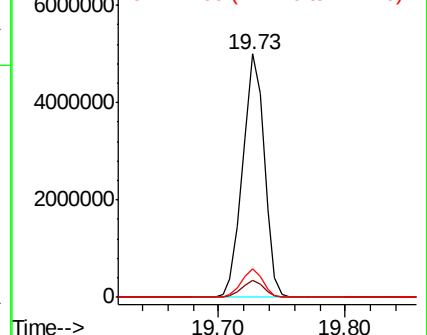
122 11.6 9.3 13.9



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# 3477

Delta R.T. -0.03 min

Lab File: BM018966.D

Acq: 28 Feb 2019 13:14

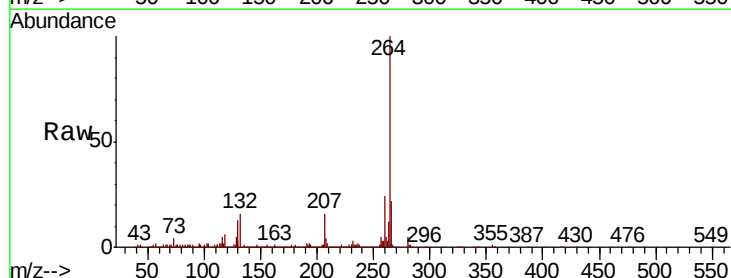
Tgt Ion:264 Resp: 1401660

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.1 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

