

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022819\
 Data File : BM018977.D
 Acq On : 28 Feb 2019 19:50
 Operator : JU/SJ
 Sample : K1341-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-022719-B

Quant Time: Mar 01 01:14:31 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

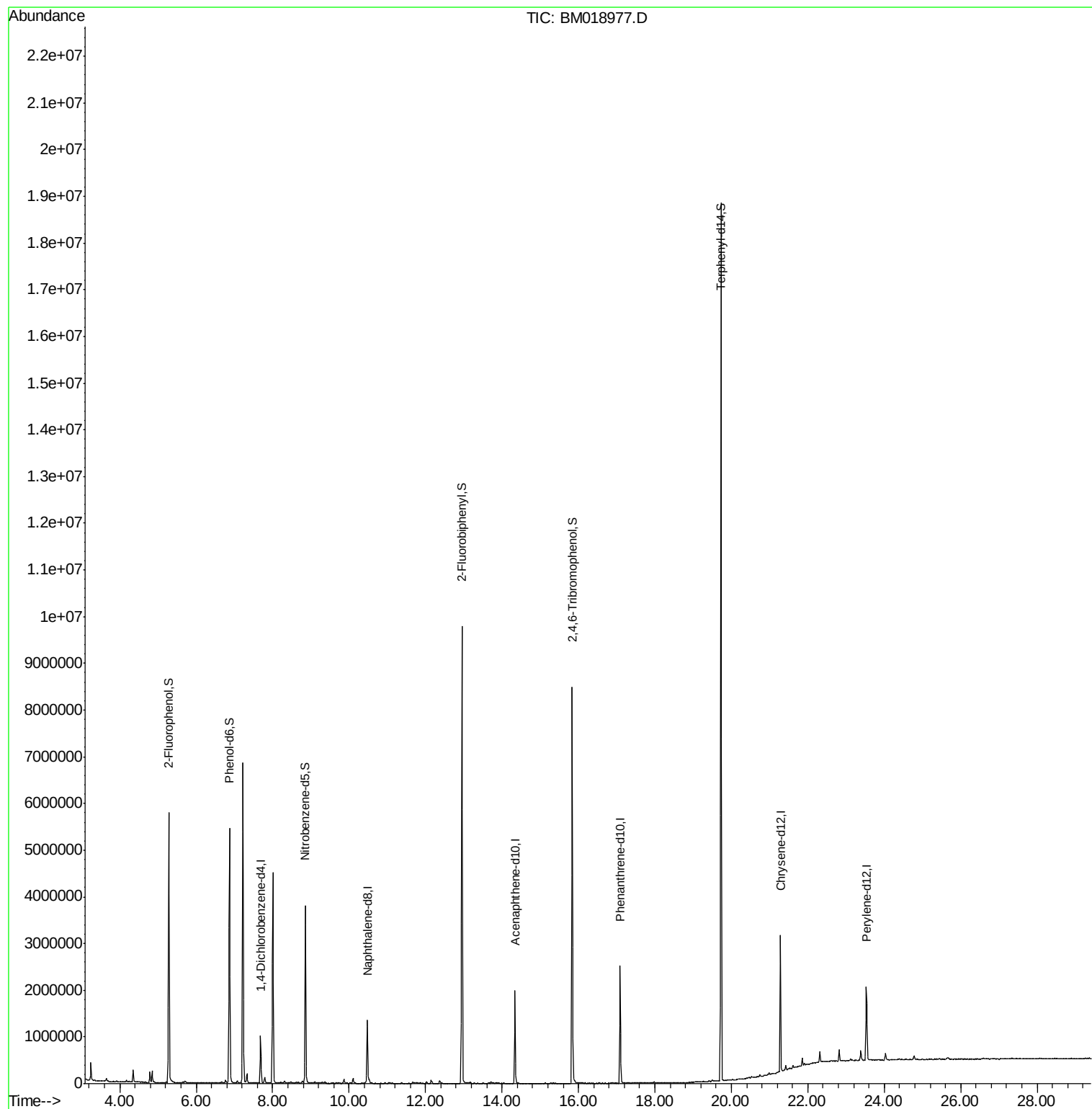
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	261325	20.00	ng	-0.03
21) Naphthalene-d8	10.47	136	1093269	20.00	ng	-0.03
39) Acenaphthene-d10	14.34	164	619220	20.00	ng	-0.02
64) Phenanthrene-d10	17.09	188	1397462	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1246386	20.00	ng	-0.02
87) Perylene-d12	23.53	264	1104898	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2390491	149.88	ng	-0.02
7) Phenol-d6	6.87	99	3114494	138.62	ng	-0.02
23) Nitrobenzene-d5	8.86	82	2468686	104.41	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	1541769	172.73	ng	-0.02
45) 2-Fluorobiphenyl	12.95	172	4785371	102.59	ng	-0.03
79) Terphenyl-d14	19.73	244	8142995	134.77	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.86	77	5146	Below Cal	Qvalue #	18

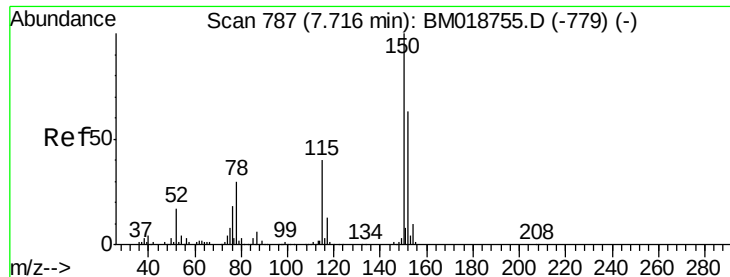
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022819\
Data File : BM018977.D
Acq On : 28 Feb 2019 19:50
Operator : JU/SJ
Sample : K1341-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-06-022719-B

Quant Time: Mar 01 01:14:31 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



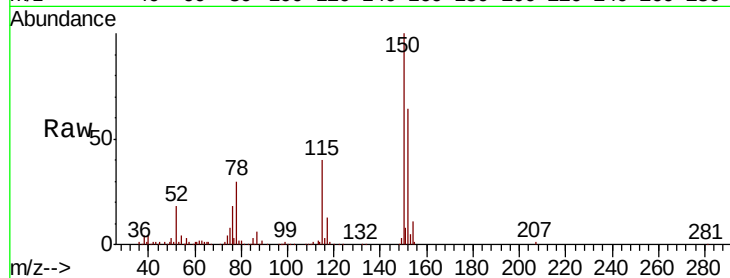


#1

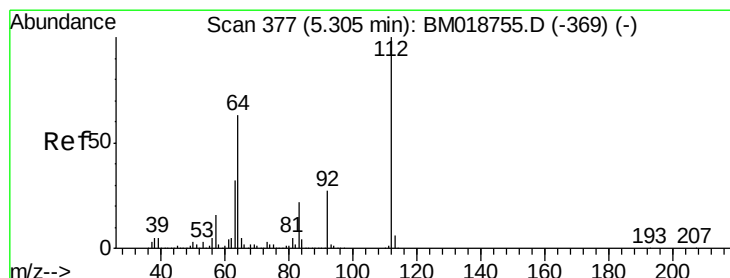
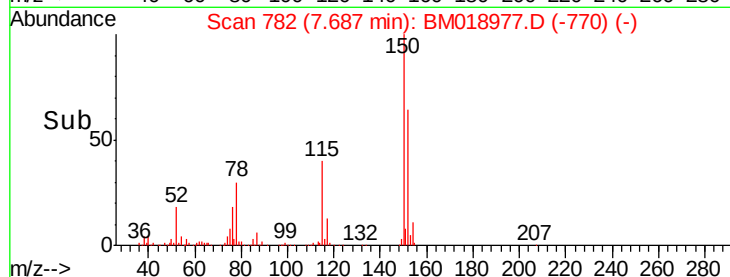
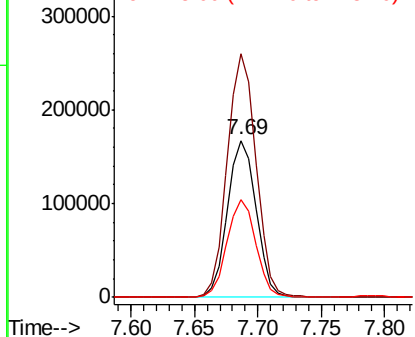
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 782
Delta R.T. -0.03 min
Lab File: BM018977.D
Acq: 28 Feb 2019 19:50

Instrument :
BNA_M
ClientSampleId :
HR-06-022719-B

Tgt Ion:152 Resp: 261325
Ion Ratio Lower Upper
152 100
150 155.3 127.3 190.9
115 62.1 50.8 76.2



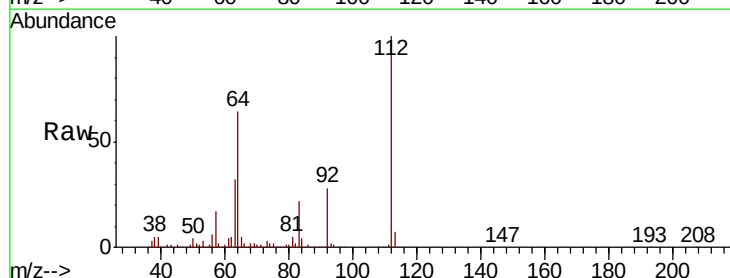
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



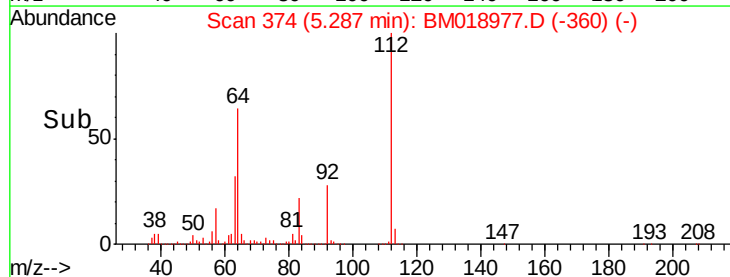
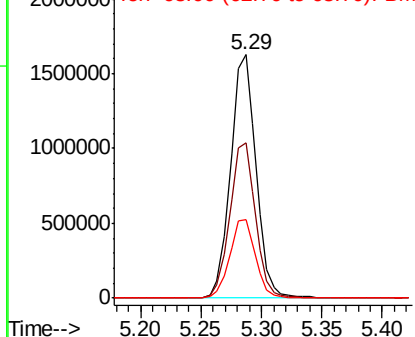
#5

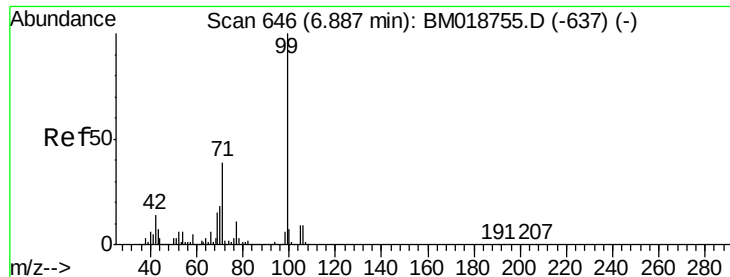
2-Fluorophenol
Concen: 149.881 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018977.D
Acq: 28 Feb 2019 19:50

Tgt Ion:112 Resp: 2390491
Ion Ratio Lower Upper
112 100
64 63.8 50.6 75.8
63 32.0 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: 138.615 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018977.D

Acq: 28 Feb 2019 19:50

Instrument :

BNA_M

ClientSampleId :

HR-06-022719-B

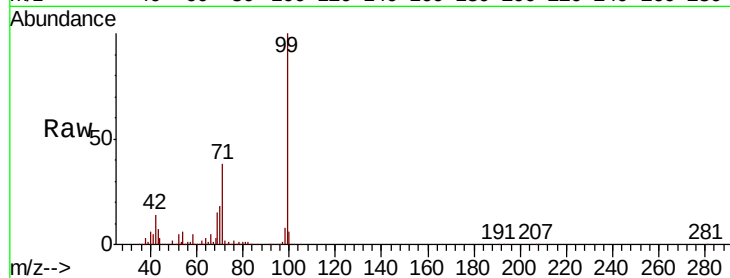
Tgt Ion: 99 Resp: 3114494

Ion Ratio Lower Upper

99 100

42 13.9 11.0 16.6

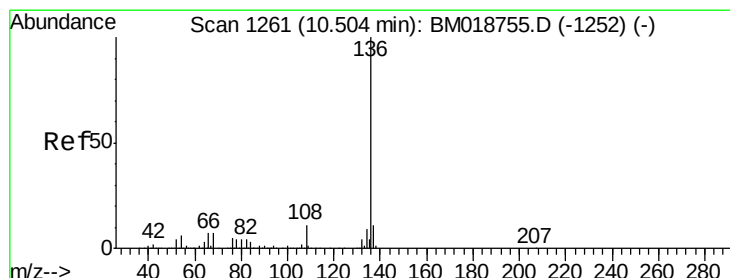
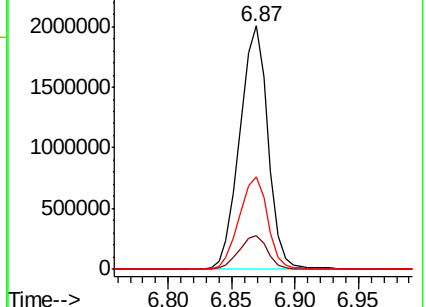
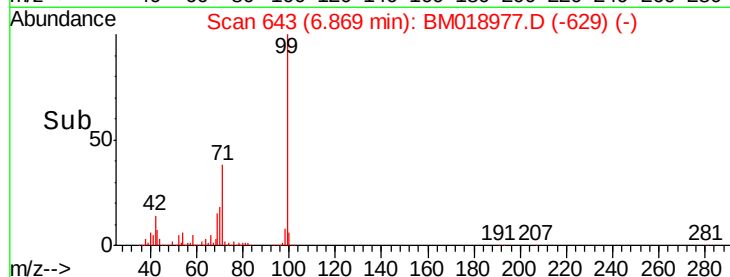
71 38.1 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018977.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018977.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018977.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1256

Delta R.T. -0.03 min

Lab File: BM018977.D

Acq: 28 Feb 2019 19:50

Tgt Ion: 136 Resp: 1093269

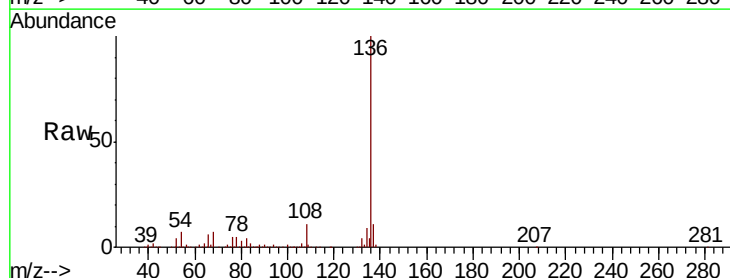
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.9 5.0 7.6

68 7.2 5.5 8.3

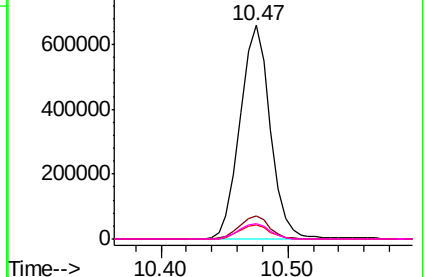
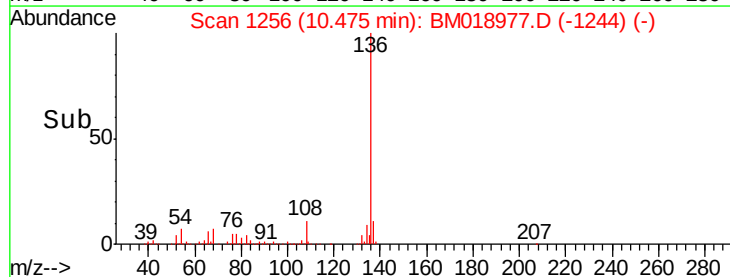


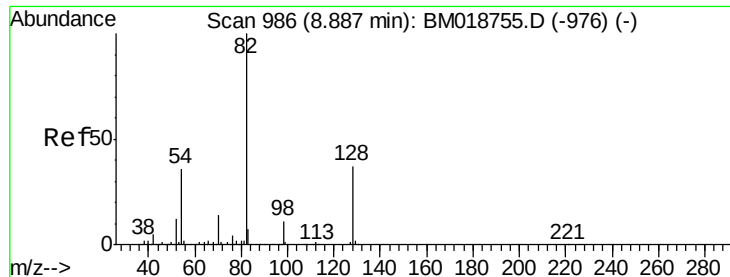
Abundance Ion 136.00 (135.70 to 136.70): BM018977.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM018977.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018977.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018977.D (-1244) (-)





#23

Nitrobenzene-d5

Concen: 104.410 ng

RT: 8.86 min Scan# 981

Delta R.T. -0.03 min

Lab File: BM018977.D

Acq: 28 Feb 2019 19:50

Instrument :

BNA_M

ClientSampleId :

HR-06-022719-B

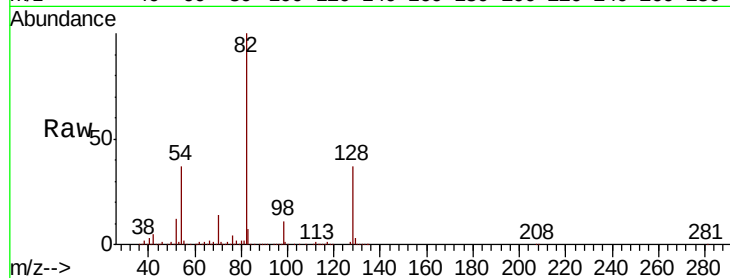
Tgt Ion: 82 Resp: 2468686

Ion Ratio Lower Upper

82 100

128 37.0 29.9 44.9

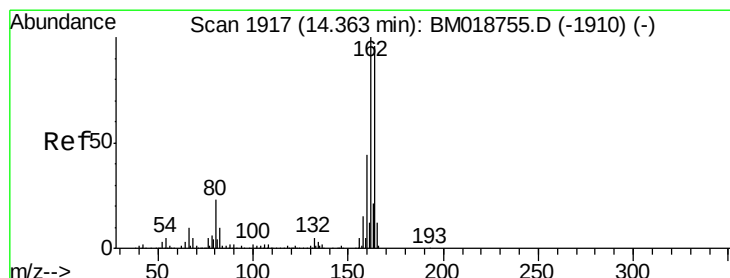
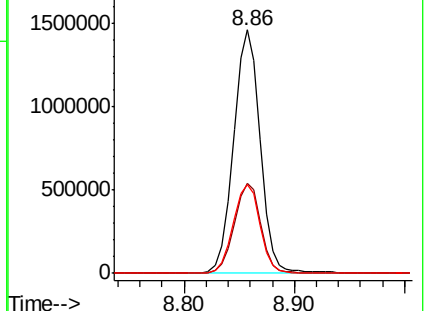
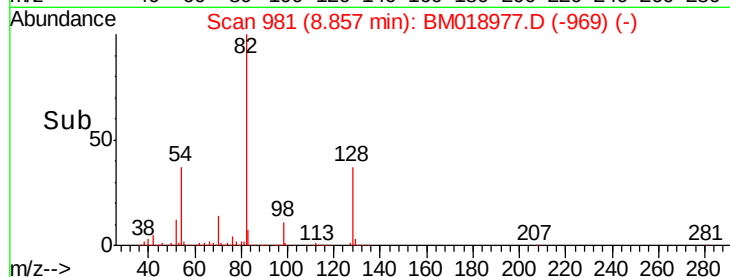
54 36.6 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018977.D (-969) (-)

Ion 128.00 (127.70 to 128.70): BM018977.D (-969) (-)

Ion 54.00 (53.70 to 54.70): BM018977.D (-969) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.34 min Scan# 1913

Delta R.T. -0.02 min

Lab File: BM018977.D

Acq: 28 Feb 2019 19:50

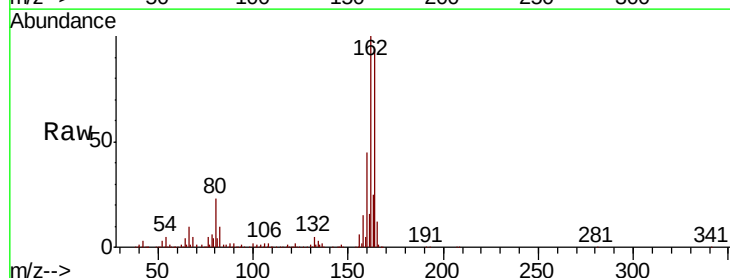
Tgt Ion: 164 Resp: 619220

Ion Ratio Lower Upper

164 100

162 106.1 83.4 125.0

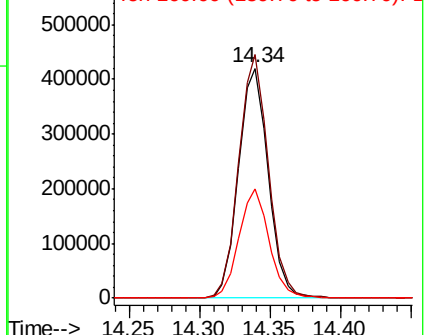
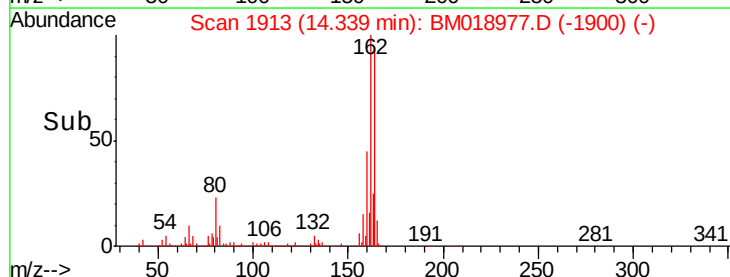
160 47.4 36.6 55.0

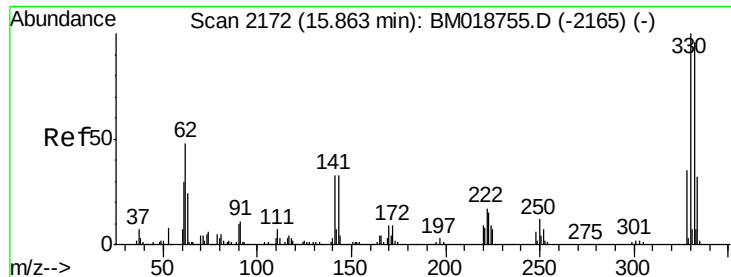


Abundance Ion 164.00 (163.70 to 164.70): BM018977.D (-1900) (-)

Ion 162.00 (161.70 to 162.70): BM018977.D (-1900) (-)

Ion 160.00 (159.70 to 160.70): BM018977.D (-1900) (-)





#42

2,4,6-Tribromophenol

Concen: 172.730 ng

RT: 15.84 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BM018977.D

Acq: 28 Feb 2019 19:50

Instrument :

BNA_M

ClientSampleId :

HR-06-022719-B

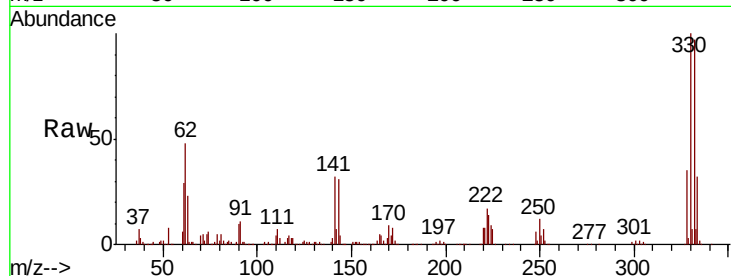
Tgt Ion:330 Resp: 1541769

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

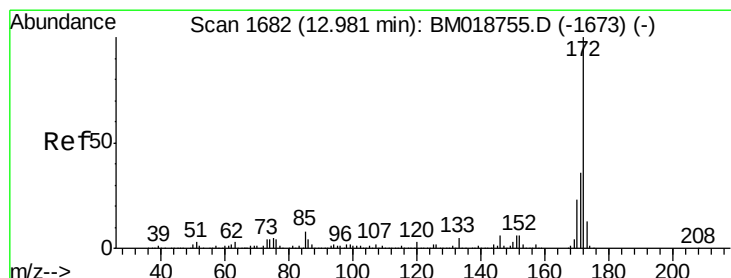
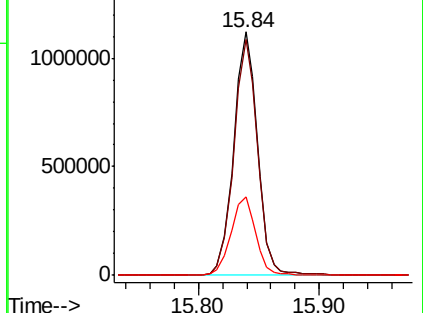
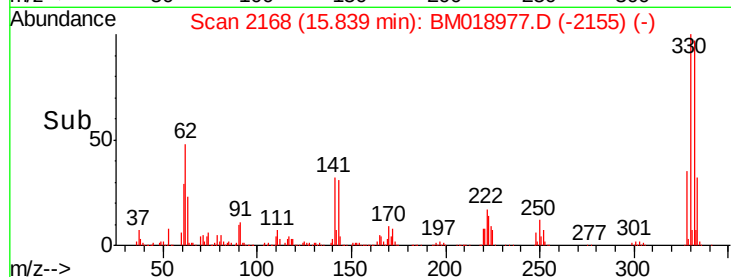
141 33.5 28.7 43.1



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: 102.588 ng

RT: 12.95 min Scan# 1677

Delta R.T. -0.03 min

Lab File: BM018977.D

Acq: 28 Feb 2019 19:50

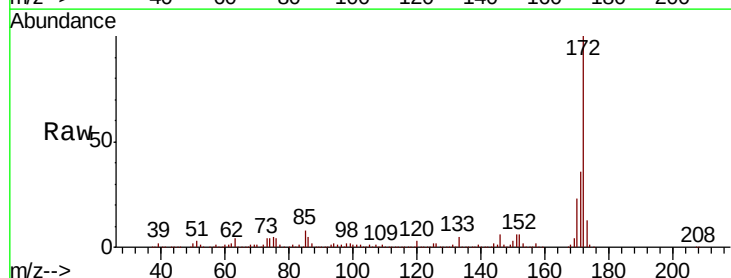
Tgt Ion:172 Resp: 4785371

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.6

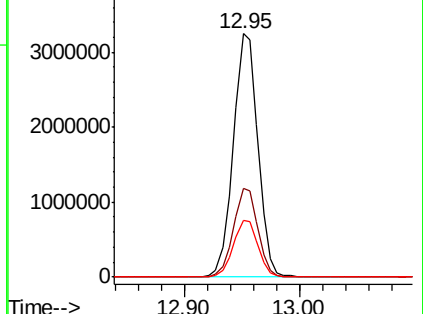
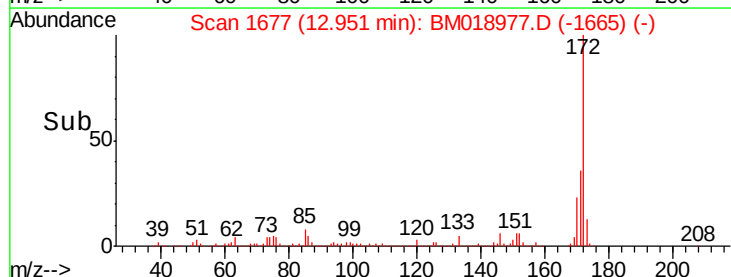
170 23.5 18.6 28.0

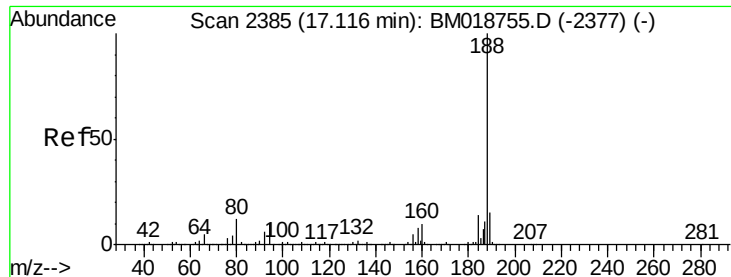


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

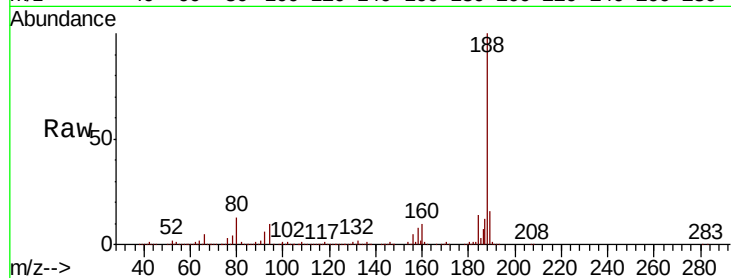




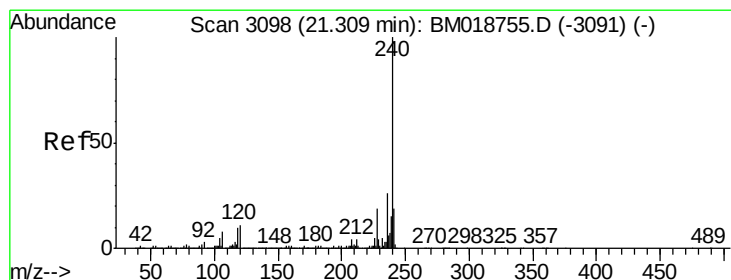
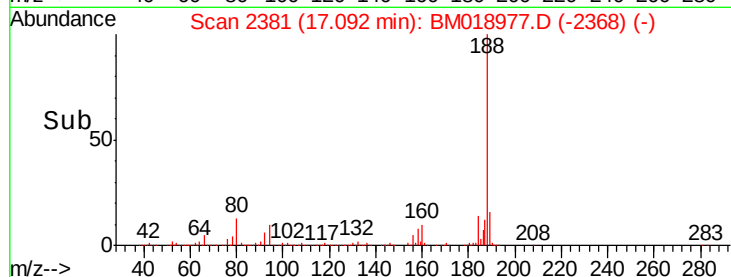
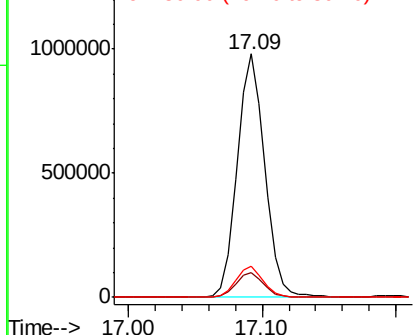
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM018977.D
Acq: 28 Feb 2019 19:50

Instrument :
BNA_M
ClientSampleId :
HR-06-022719-B

Tgt Ion:188 Resp: 1397462
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 12.7 9.7 14.5

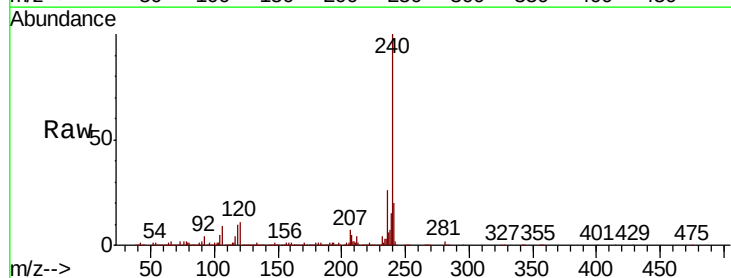


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

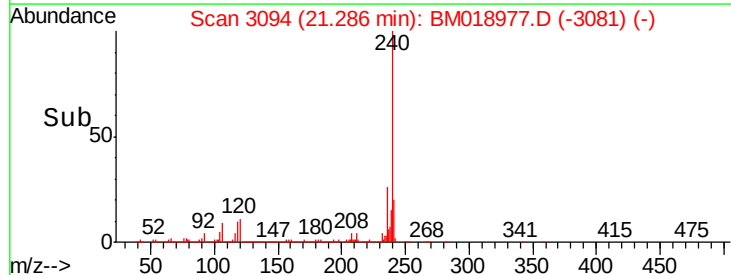
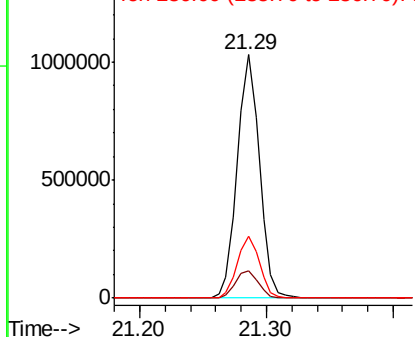


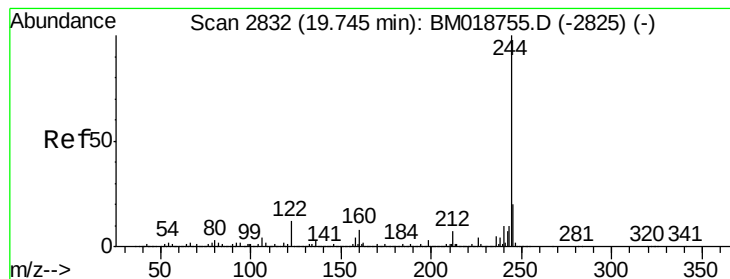
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BM018977.D
Acq: 28 Feb 2019 19:50

Tgt Ion:240 Resp: 1246386
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.6 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: 134.775 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BM018977.D

Acq: 28 Feb 2019 19:50

Instrument :

BNA_M

ClientSampleId :

HR-06-022719-B

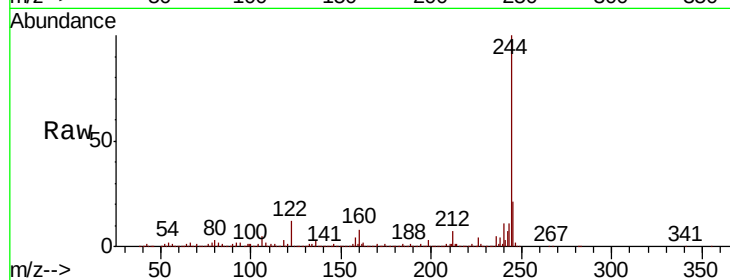
Tgt Ion:244 Resp: 8142995

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

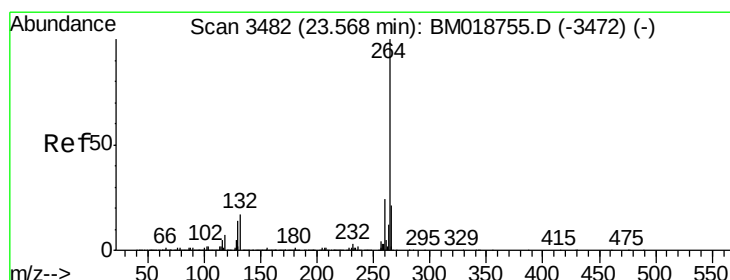
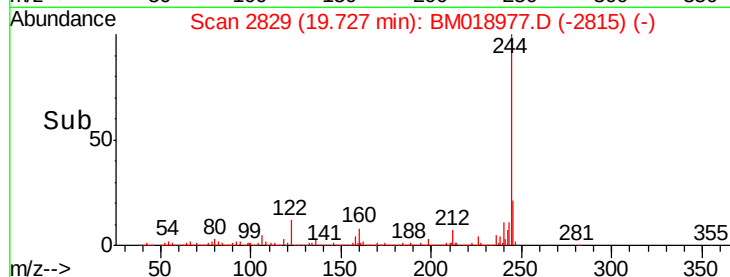
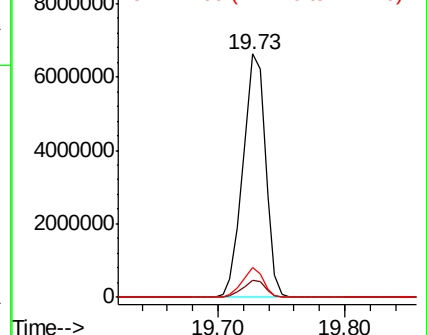
122 12.3 9.3 13.9



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: 23.53 min Scan# 3476

Delta R.T. -0.04 min

Lab File: BM018977.D

Acq: 28 Feb 2019 19:50

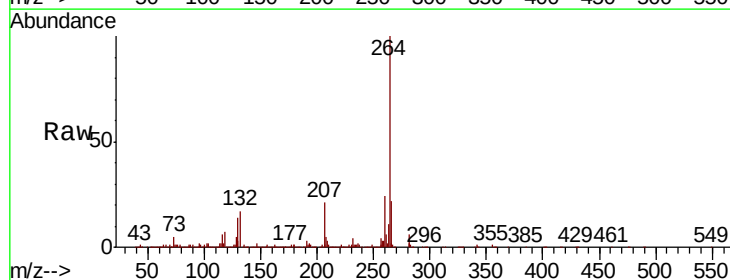
Tgt Ion:264 Resp: 1104898

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.4 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

