

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
 Data File : BM018912.D
 Acq On : 25 Feb 2019 12:52
 Operator : JU/SJ
 Sample : PB117340BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117339BL

Quant Time: Feb 25 13:30:32 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 25 12:45:05 2019
 Response via : Initial Calibration

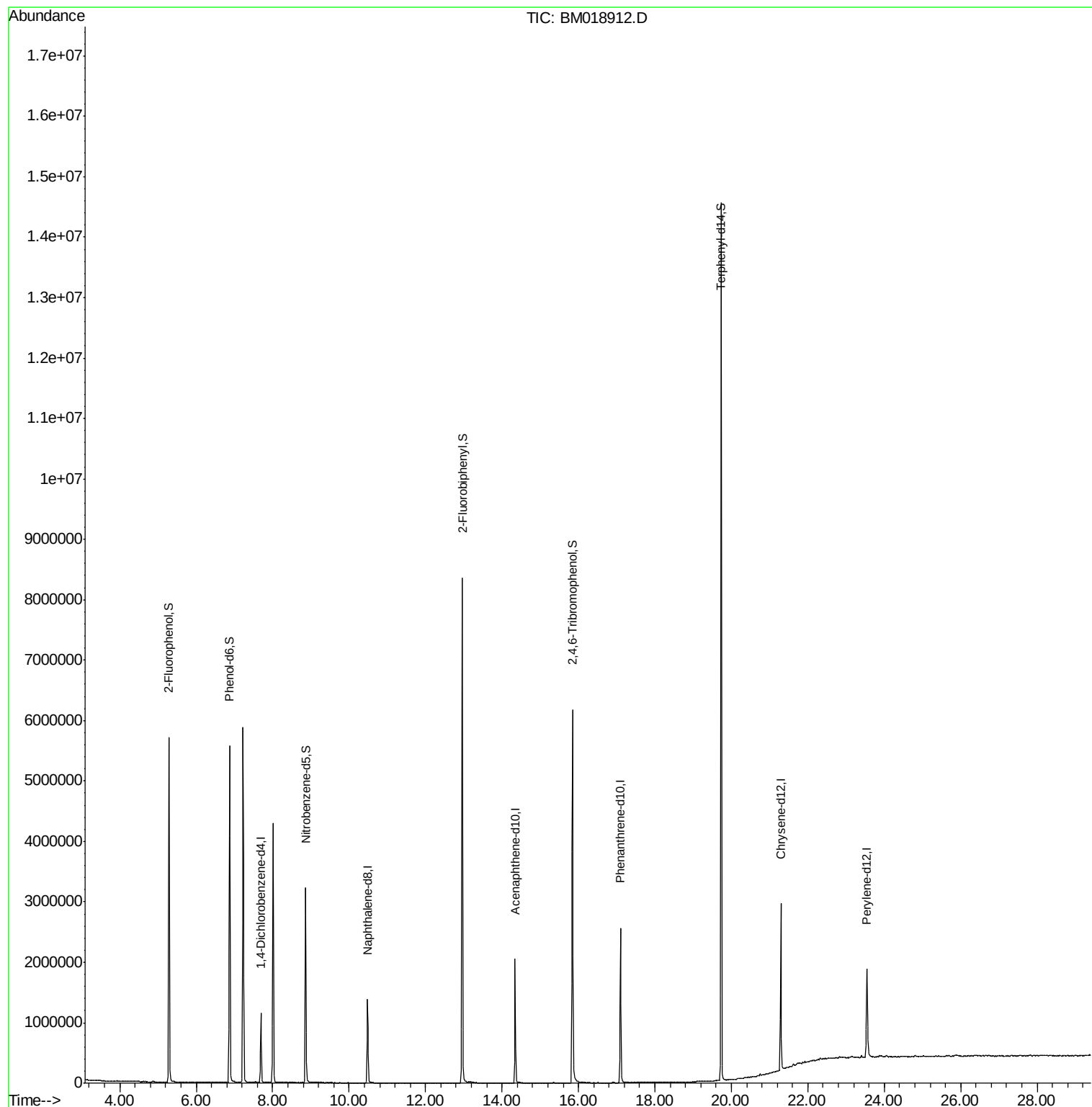
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	291994	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	1150083	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	664233	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	1489319	20.00	ng	0.00
76) Chrysene-d12	21.29	240	1281458	20.00	ng	0.00
87) Perylene-d12	23.54	264	1165231	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2357098	132.26	ng	0.00
7) Phenol-d6	6.87	99	3250893	129.49	ng	0.00
23) Nitrobenzene-d5	8.86	82	2062288	82.91	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	1192093	124.50	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	4205637	84.05	ng	0.00
79) Terphenyl-d14	19.73	244	6433652	103.57	ng	0.00
Target Compounds						
9) Benzaldehyde	6.87	77	7599	Below Cal	Qvalue #	7

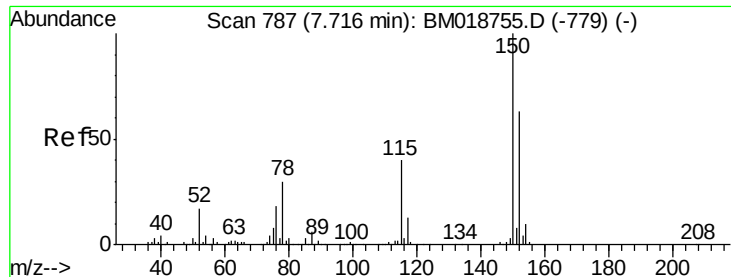
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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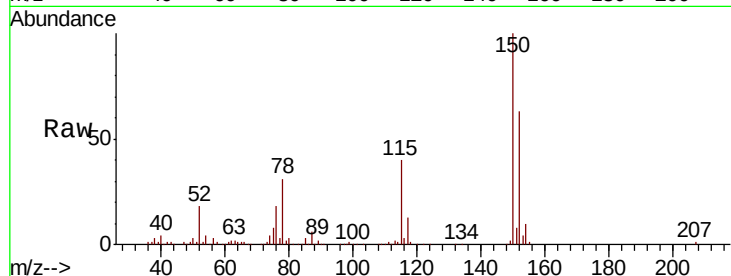


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BM018912.D
Acq: 25 Feb 2019 12:52

Instrument :
BNA_M
ClientSampleId :
PB117339BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	127.3	190.9
115	63.4	50.8	76.2

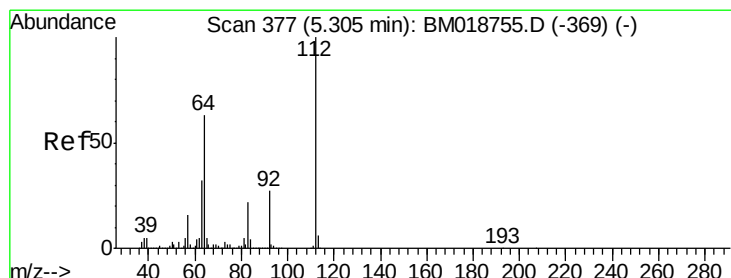
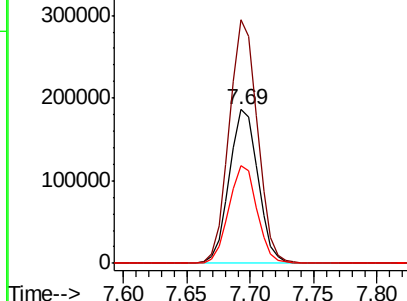
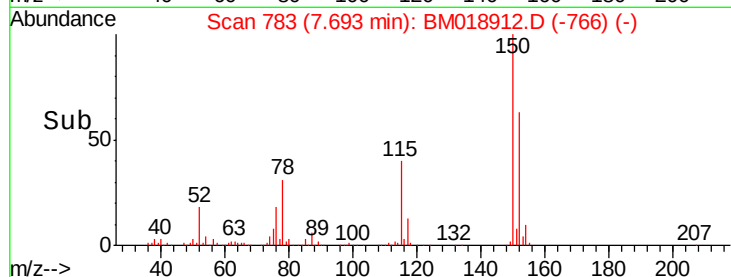


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

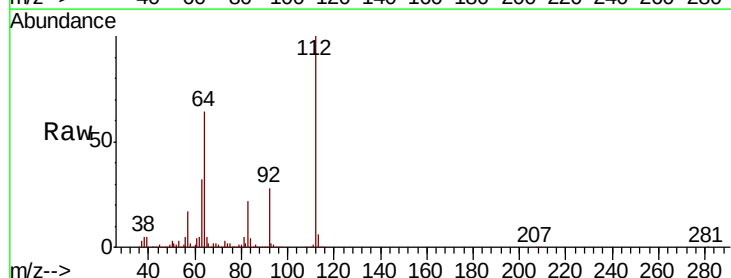
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.265 ng
RT: 5.29 min Scan# 375
Delta R.T. 0.01 min
Lab File: BM018912.D
Acq: 25 Feb 2019 12:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	50.6	75.8
63	32.2	25.7	38.5

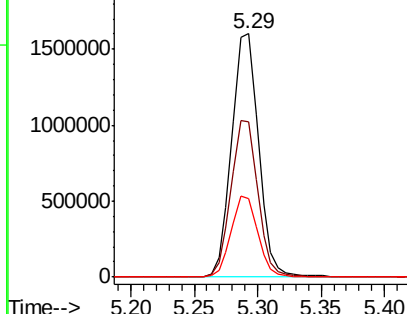
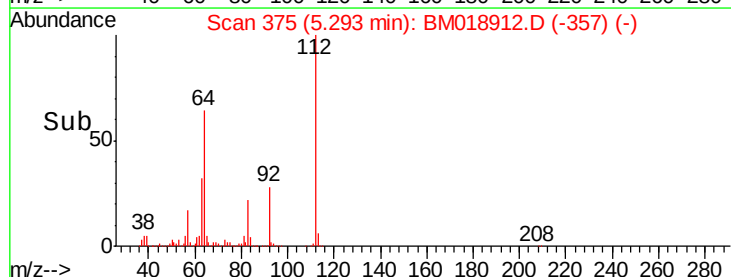


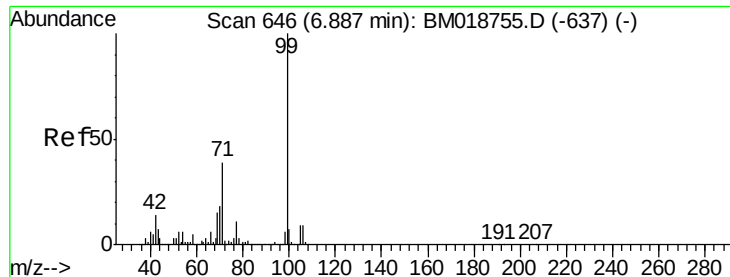
Abundance

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: 129.489 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.00 min

Lab File: BM018912.D

Acq: 25 Feb 2019 12:52

Instrument :

BNA_M

ClientSampled :

PB117339BL

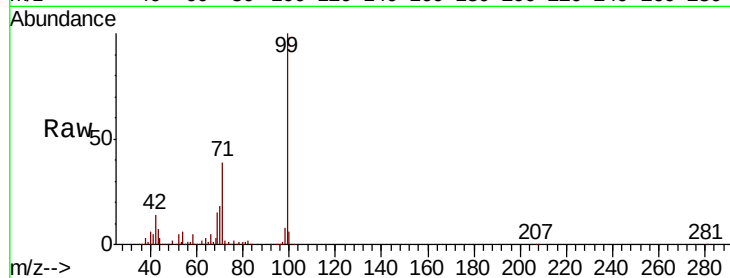
Tot Ion: 99 Resp: 3250893

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

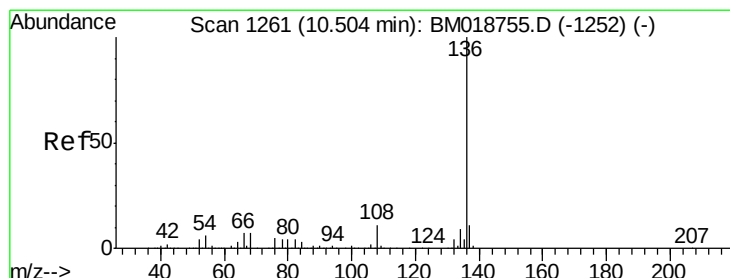
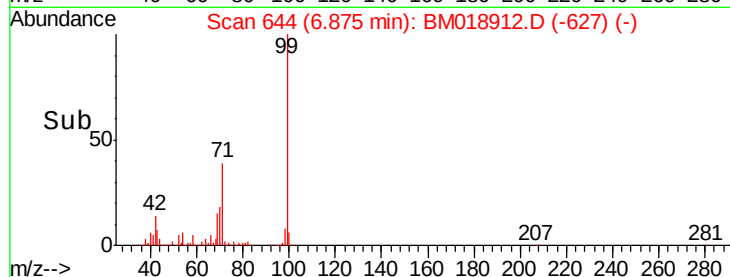
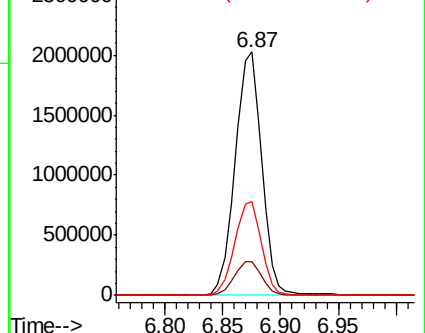
71 38.7 31.3 46.9



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: 10.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BM018912.D

Acq: 25 Feb 2019 12:52

Tgt Ion: 136 Resp: 1150083

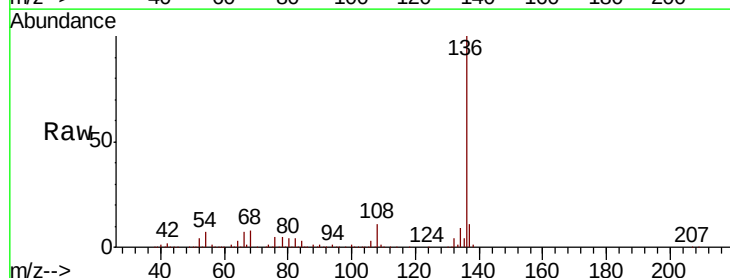
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.0 5.0 7.6

68 7.6 5.5 8.3

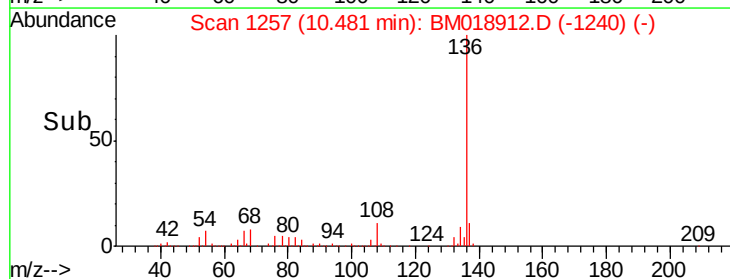
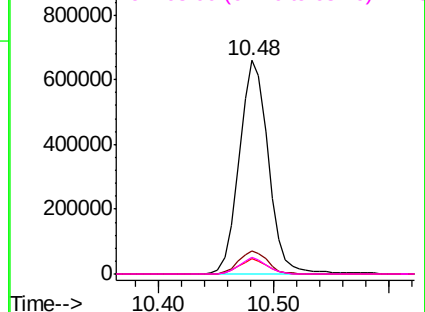


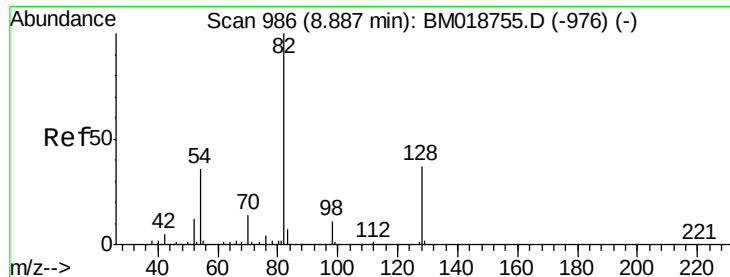
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

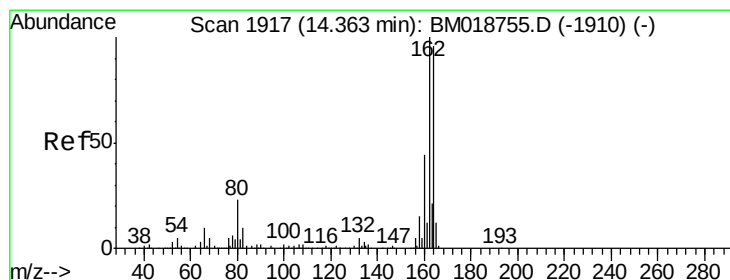
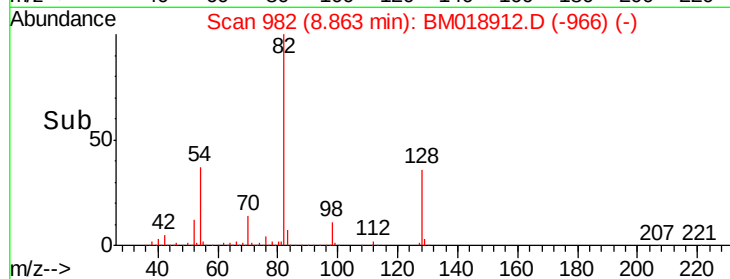
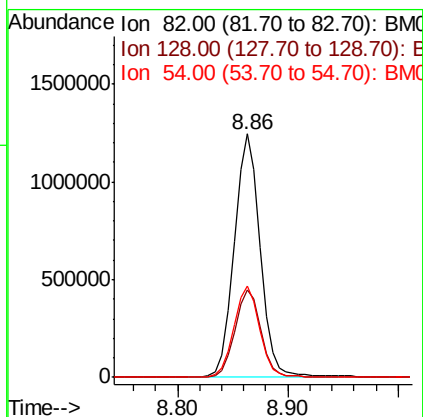
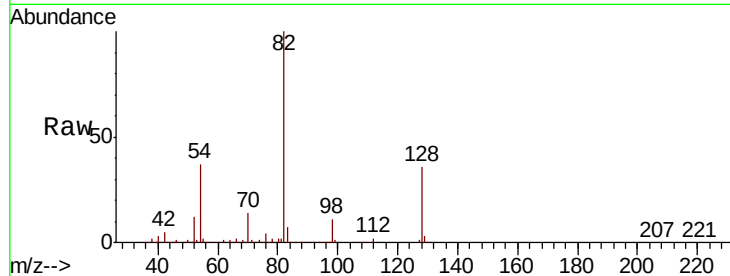




#23
Nitrobenzene-d5
Concen: 82.913 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BM018912.D
Acq: 25 Feb 2019 12:52

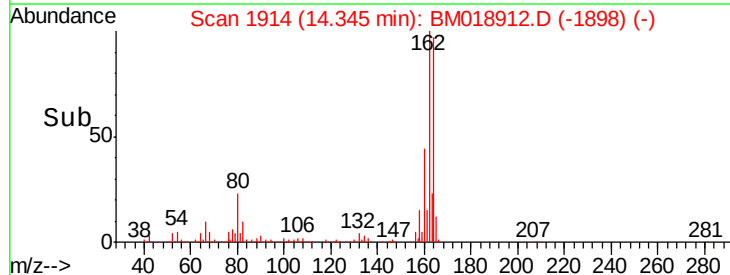
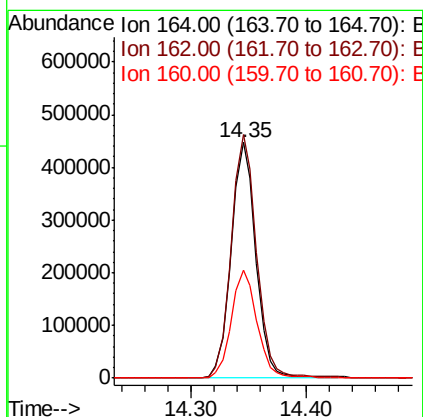
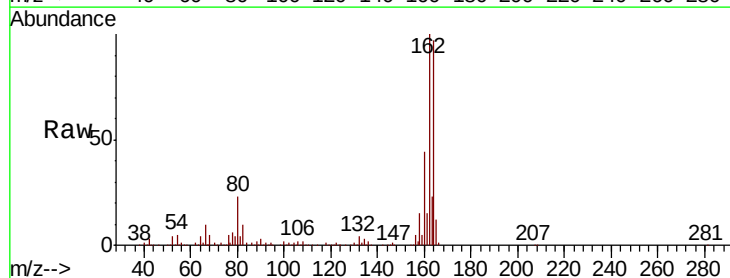
Instrument :
BNA_M
ClientSampleId :
PB117339BL

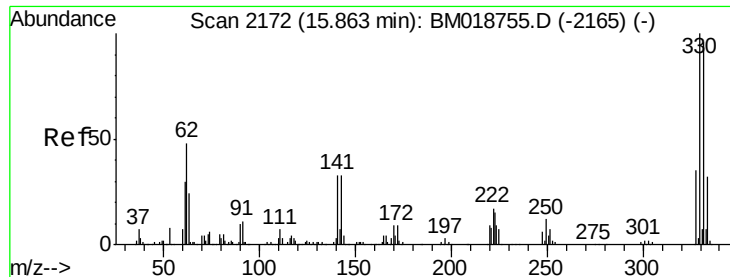
Tot Ion: 82 Resp: 2062288
Ion Ratio Lower Upper
82 100
128 36.1 29.9 44.9
54 37.4 29.1 43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM018912.D
Acq: 25 Feb 2019 12:52

Tgt Ion:164 Resp: 664233
Ion Ratio Lower Upper
164 100
162 103.5 83.4 125.0
160 45.7 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 124.504 ng

RT: 15.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BM018912.D

Acq: 25 Feb 2019 12:52

Instrument :

BNA_M

ClientSampleId :

PB117339BL

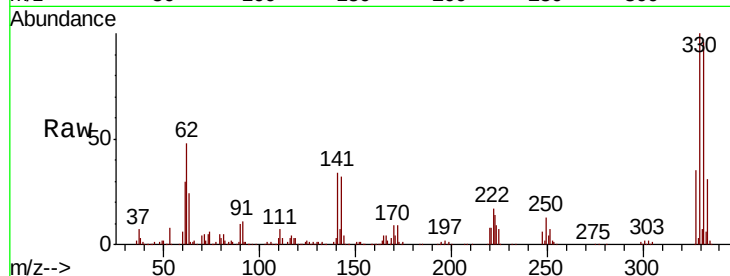
Tot Ion:330 Resp: 1192093

Ion Ratio Lower Upper

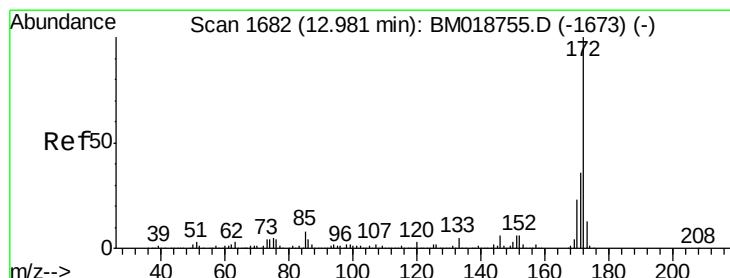
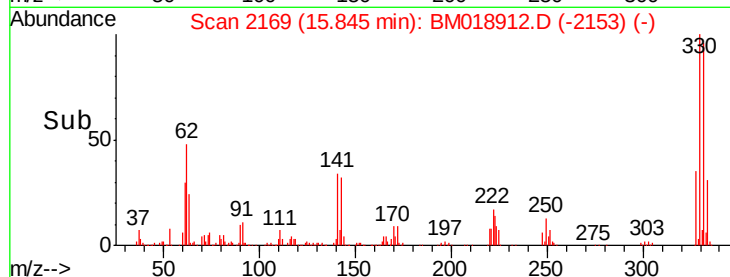
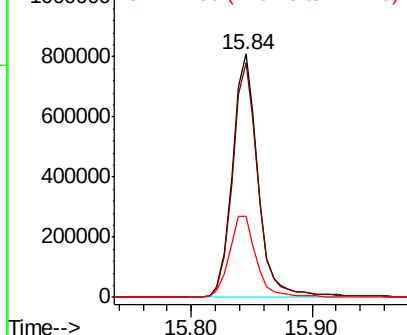
330 100

332 96.4 76.9 115.3

141 35.3 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: 84.050 ng

RT: 12.96 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BM018912.D

Acq: 25 Feb 2019 12:52

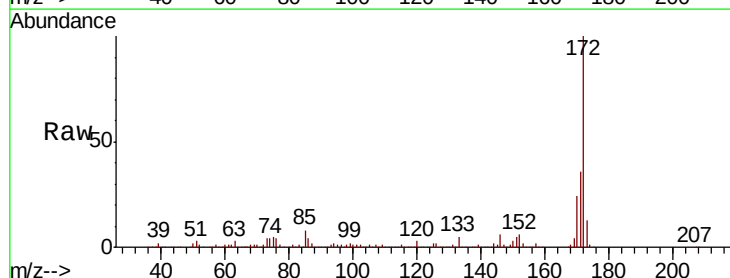
Tgt Ion:172 Resp: 4205637

Ion Ratio Lower Upper

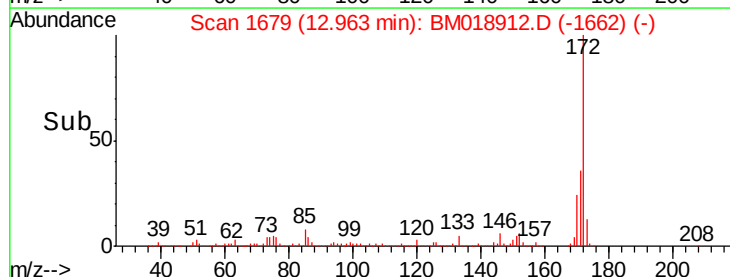
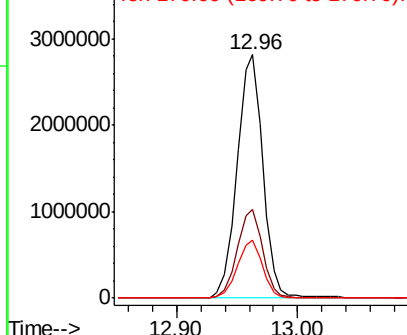
172 100

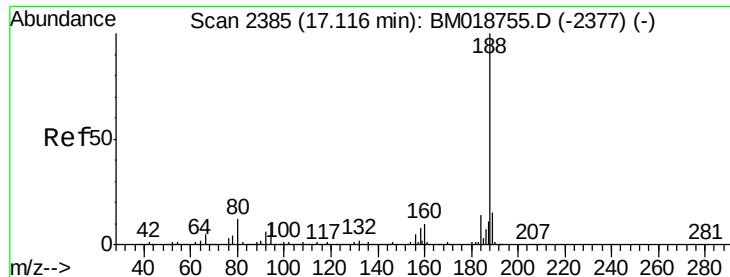
171 36.5 29.0 43.6

170 23.6 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# 2382

Delta R.T. -0.00 min

Lab File: BM018912.D

Acq: 25 Feb 2019 12:52

Instrument :

BNA_M

ClientSampleId :

PB117339BL

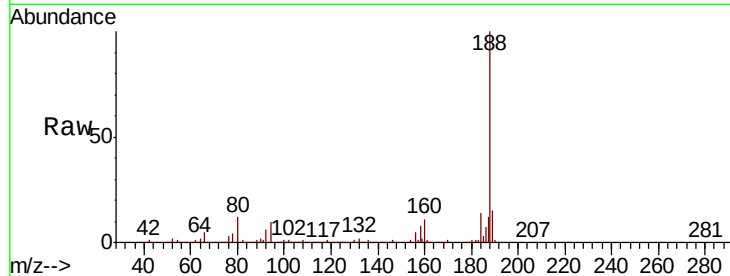
Tot Ion:188 Resp: 1489319

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

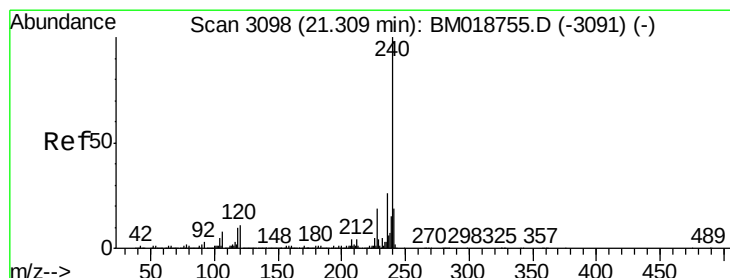
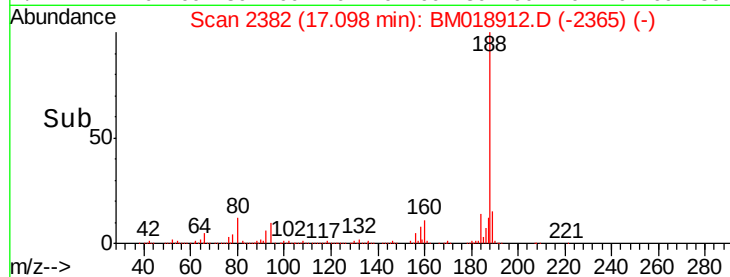
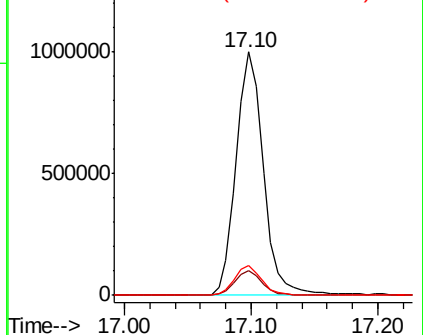
80 12.3 9.7 14.5



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. -0.01 min

Lab File: BM018912.D

Acq: 25 Feb 2019 12:52

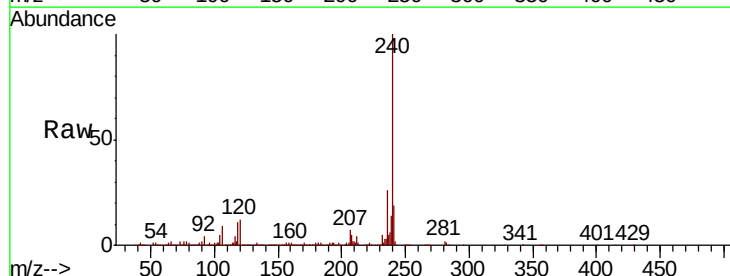
Tgt Ion:240 Resp: 1281458

Ion Ratio Lower Upper

240 100

120 12.0 8.9 13.3

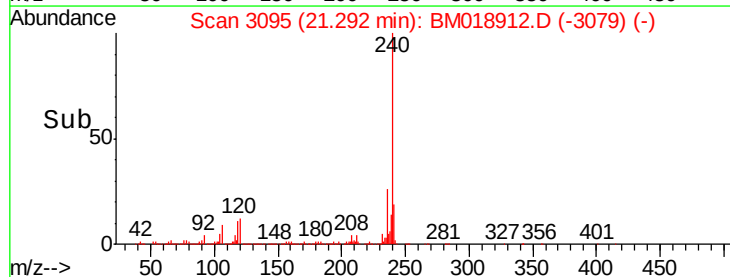
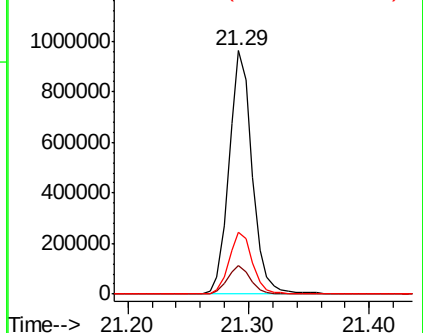
236 25.7 20.9 31.3

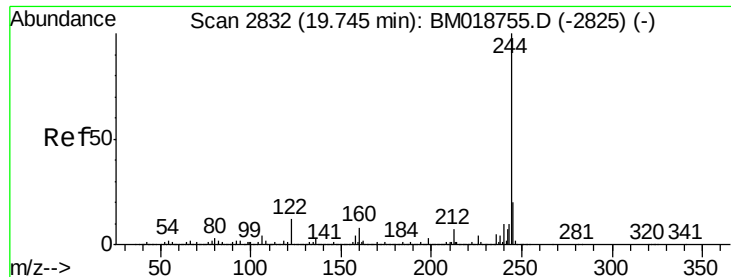


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 103.569 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM018912.D

Acq: 25 Feb 2019 12:52

Instrument :

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ClientSampleId :

PB117339BL

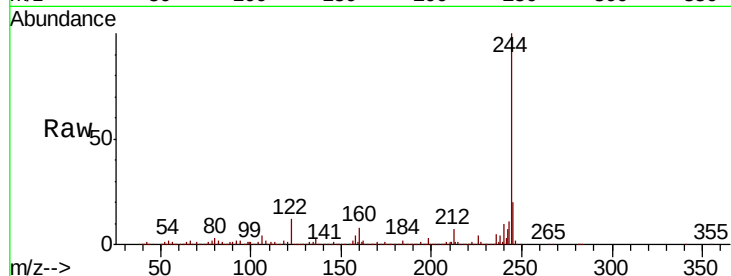
Tot Ion:244 Resp: 6433652

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

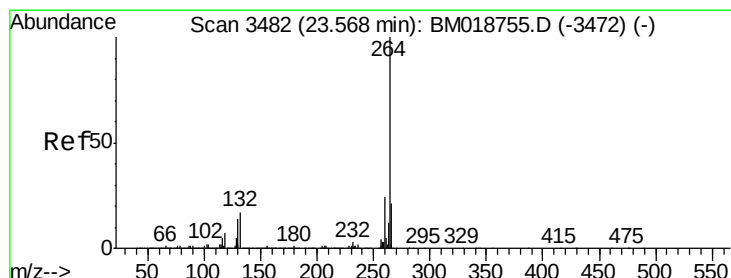
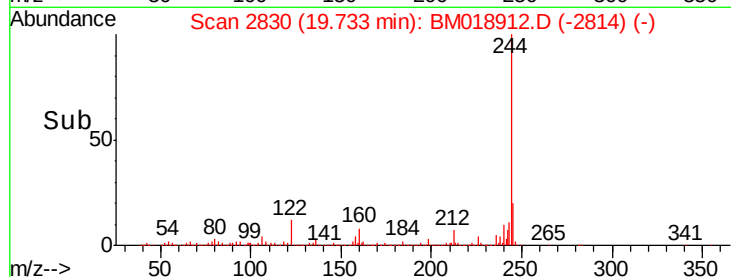
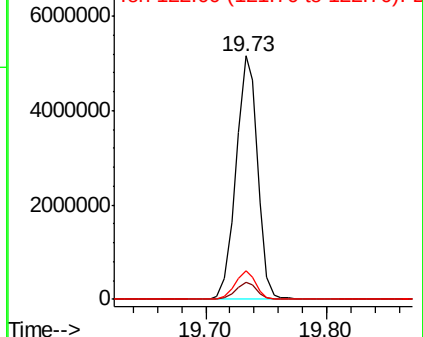
122 11.7 9.3 13.9



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: 23.54 min Scan# 3478

Delta R.T. -0.01 min

Lab File: BM018912.D

Acq: 25 Feb 2019 12:52

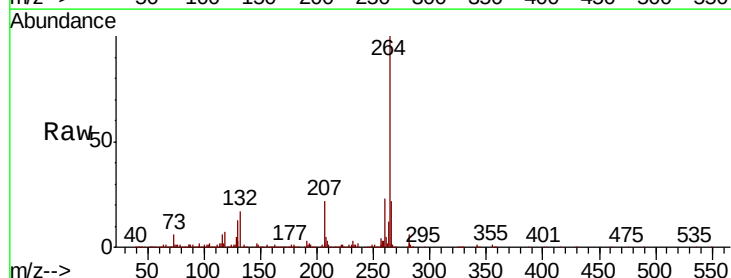
Tgt Ion:264 Resp: 1165231

Ion Ratio Lower Upper

264 100

260 23.1 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

