

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022719\
 Data File : BM018960.D
 Acq On : 27 Feb 2019 21:37
 Operator : JU/SJ
 Sample : K1610-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WV-D

Quant Time: Feb 28 03:16:40 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

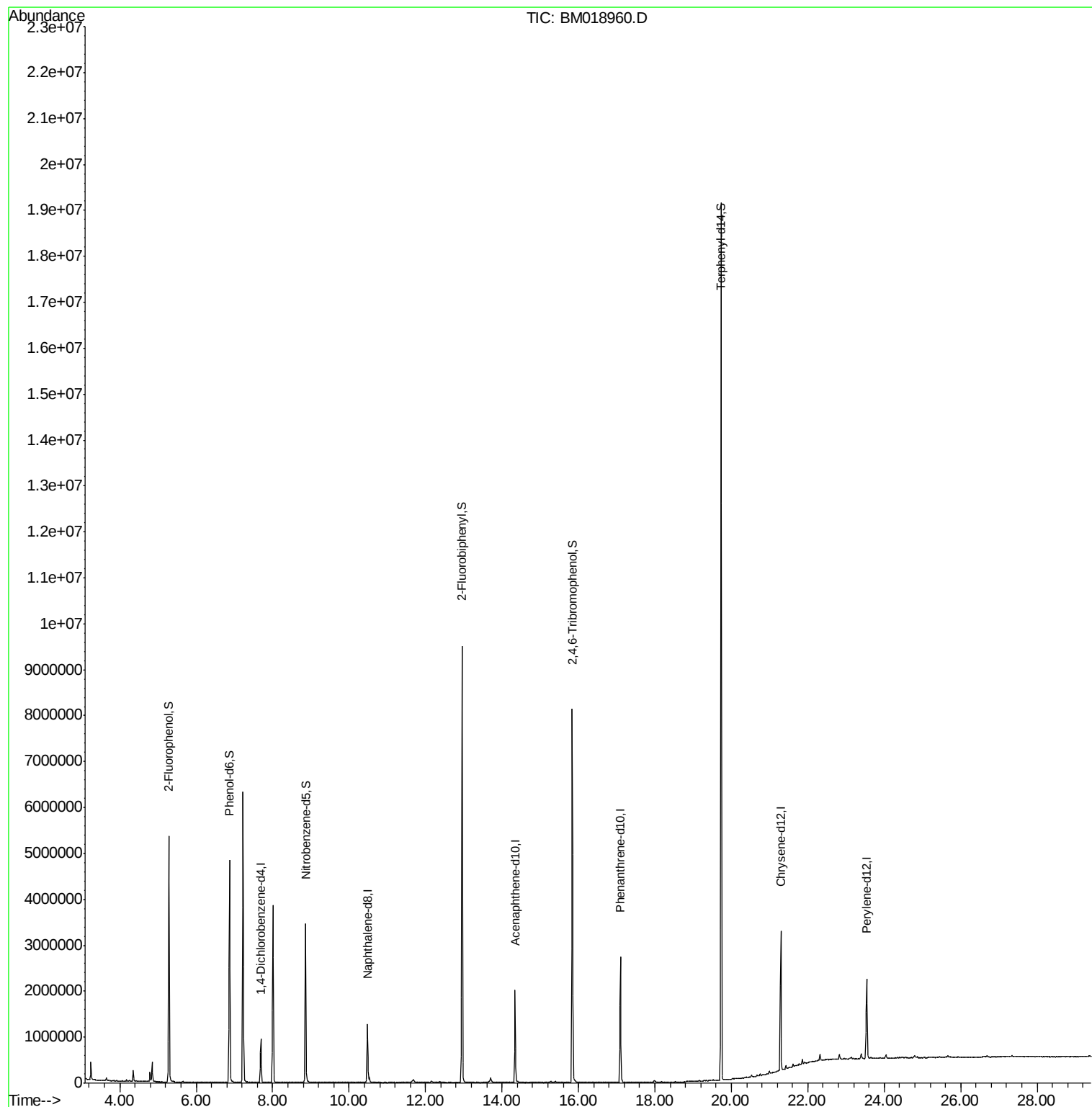
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	245050	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	1056578	20.00	ng	-0.02
39) Acenaphthene-d10	14.34	164	655510	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1524202	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1395468	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1191226	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2111763	141.20	ng	-0.02
7) Phenol-d6	6.87	99	2722884	129.23	ng	-0.02
23) Nitrobenzene-d5	8.86	82	2269089	99.30	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	1528571	161.77	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	4619104	93.54	ng	-0.02
79) Terphenyl-d14	19.73	244	8165098	120.70	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.87	77	5663	Below Cal	Qvalue #	7

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

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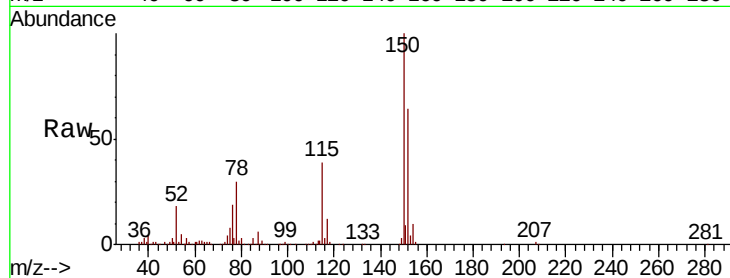


#1

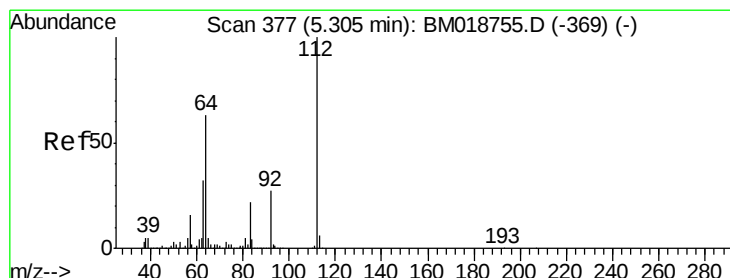
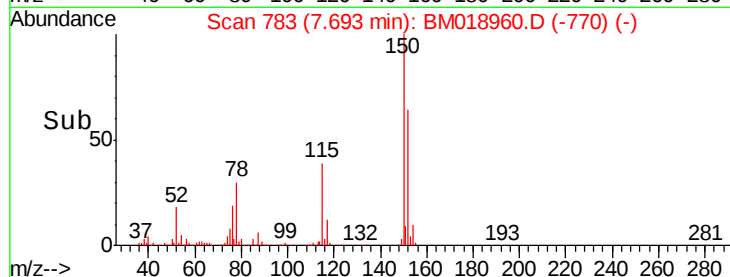
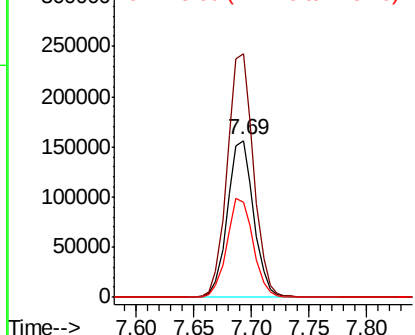
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018960.D
Acq: 27 Feb 2019 21:37

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ClientSampleId :
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Tgt Ion:152 Resp: 245050
Ion Ratio Lower Upper
152 100
150 155.1 127.3 190.9
115 60.5 50.8 76.2



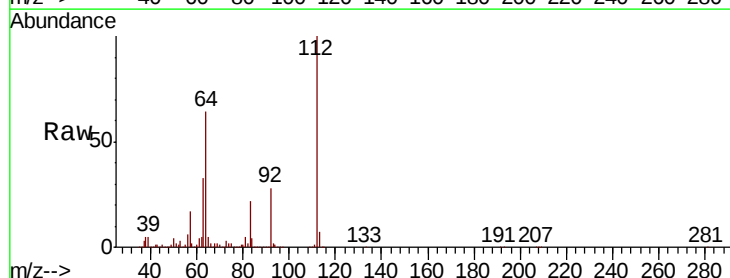
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



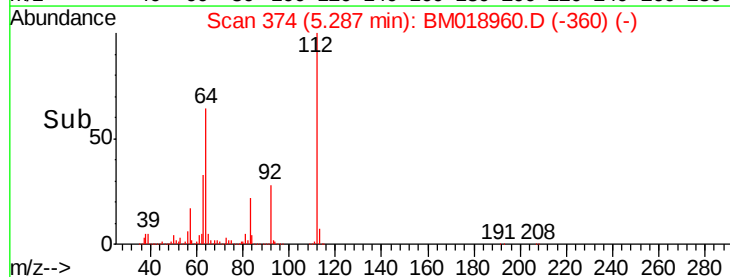
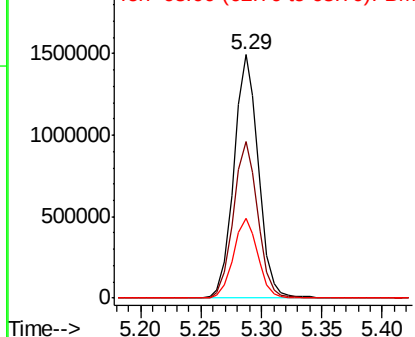
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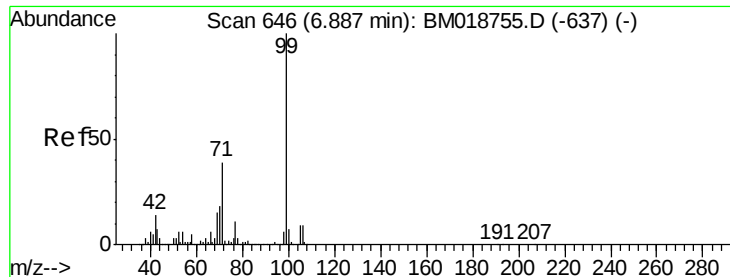
2-Fluorophenol
Concen: 141.198 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018960.D
Acq: 27 Feb 2019 21:37

Tgt Ion:112 Resp: 2111763
Ion Ratio Lower Upper
112 100
64 64.3 50.6 75.8
63 32.6 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: 129.235 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018960.D

Acq: 27 Feb 2019 21:37

Instrument :

BNA_M

ClientSampleId :

WV-D

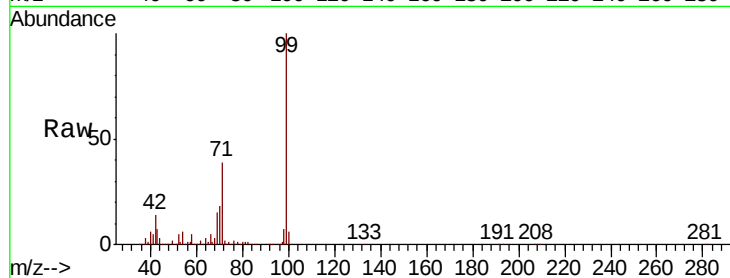
Tgt Ion: 99 Resp: 2722884

Ion Ratio Lower Upper

99 100

42 13.9 11.0 16.6

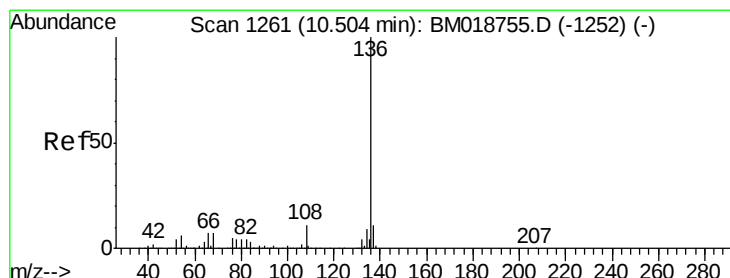
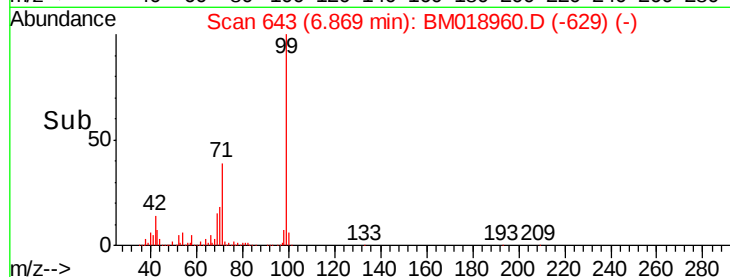
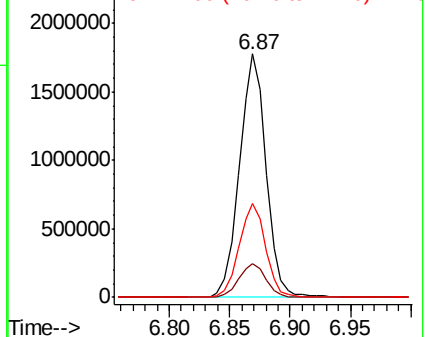
71 38.5 31.3 46.9



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. -0.02 min

Lab File: BM018960.D

Acq: 27 Feb 2019 21:37

Tgt Ion: 136 Resp: 1056578

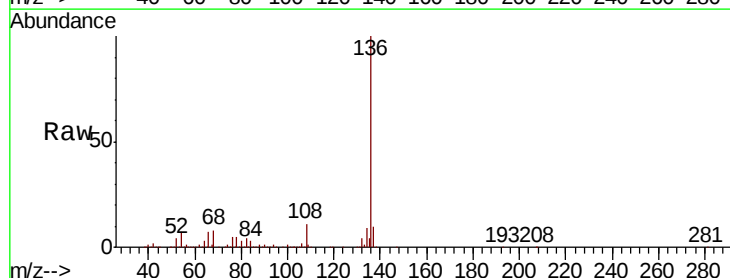
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 6.7 5.0 7.6

68 7.5 5.5 8.3

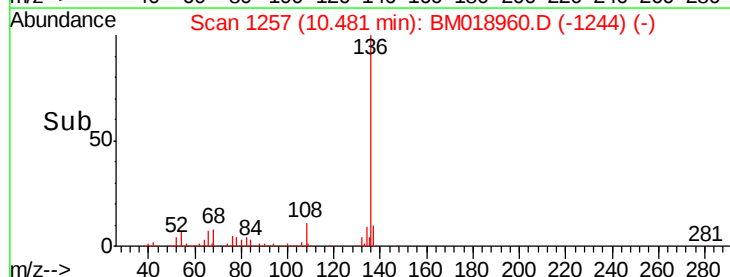
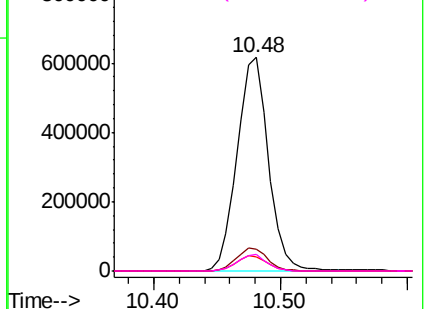


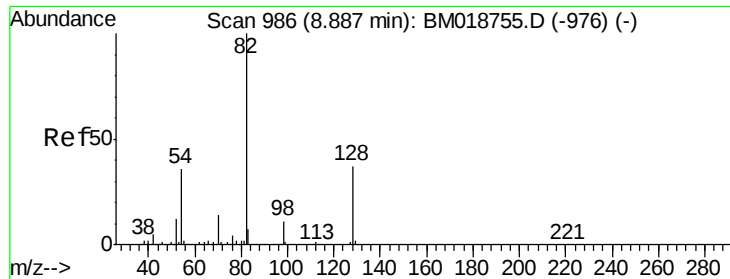
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

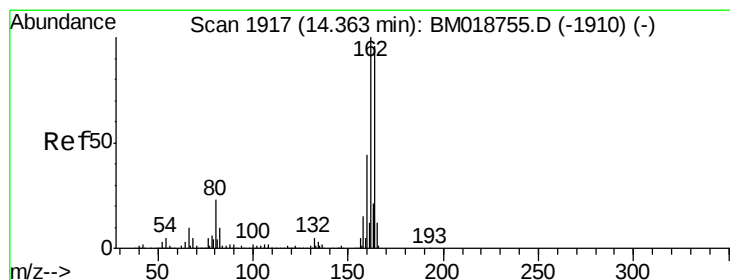
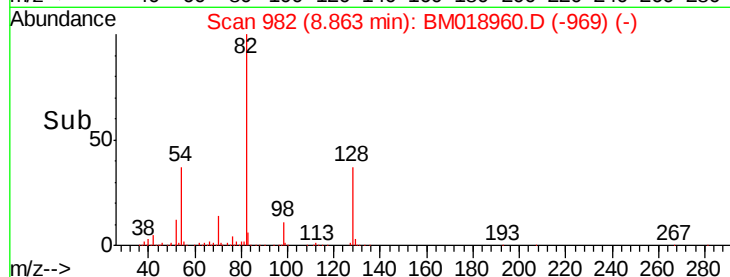
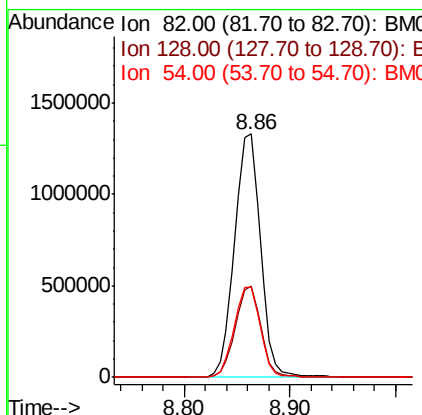
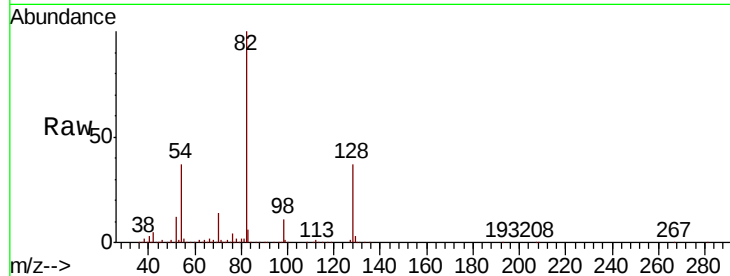




#23
Nitrobenzene-d5
Concen: 99.301 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BM018960.D
Acq: 27 Feb 2019 21:37

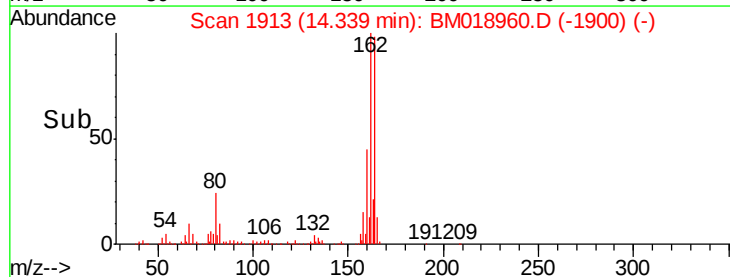
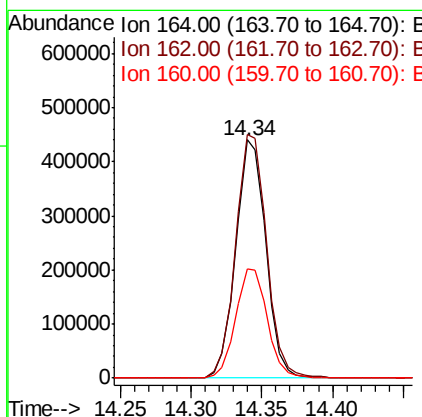
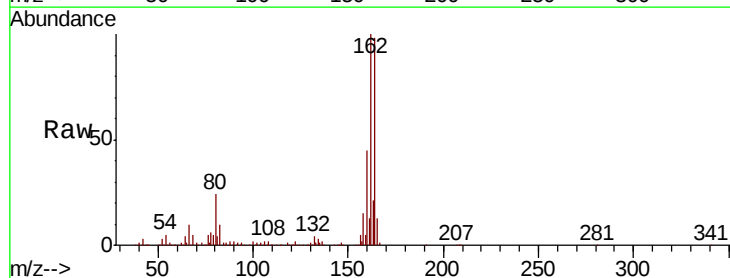
Instrument :
BNA_M
ClientSampleId :
WV-D

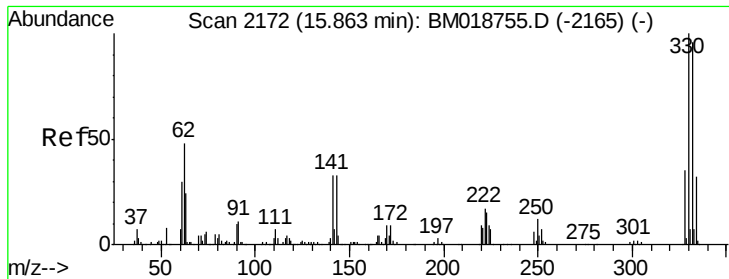
Tgt Ion: 82 Resp: 2269089
Ion Ratio Lower Upper
82 100
128 37.4 29.9 44.9
54 36.8 29.1 43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1913
Delta R.T. -0.02 min
Lab File: BM018960.D
Acq: 27 Feb 2019 21:37

Tgt Ion: 164 Resp: 655510
Ion Ratio Lower Upper
164 100
162 102.2 83.4 125.0
160 45.8 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 161.771 ng

RT: 15.84 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BM018960.D

Acq: 27 Feb 2019 21:37

Instrument :

BNA_M

ClientSampled :

WV-D

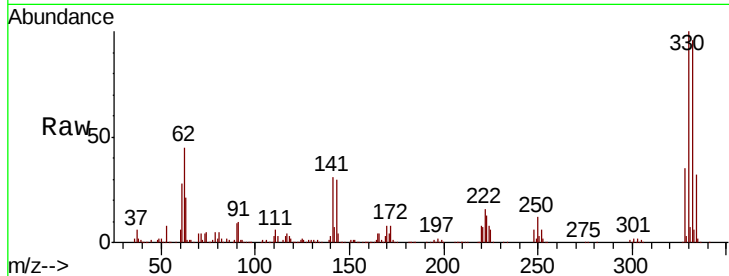
Tgt Ion:330 Resp: 1528571

Ion Ratio Lower Upper

330 100

332 97.0 76.9 115.3

141 34.8 28.7 43.1

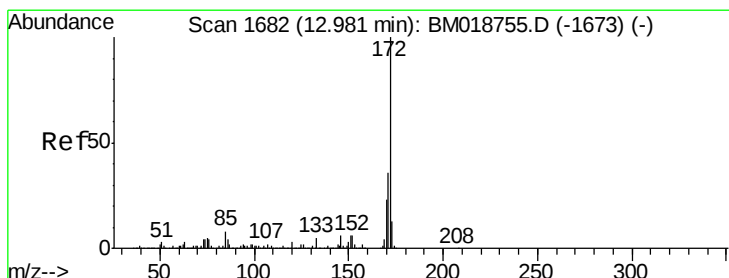
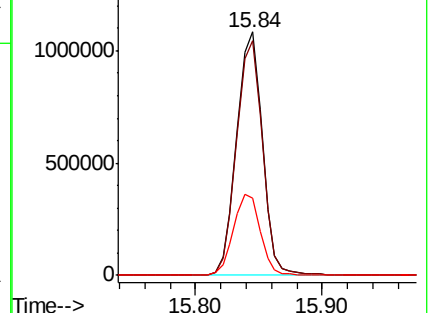
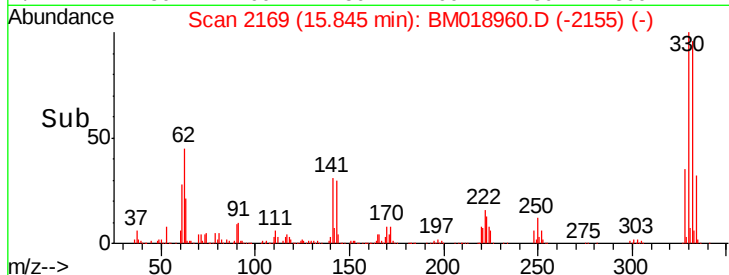


Abundance

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: 93.542 ng

RT: 12.96 min Scan# 1678

Delta R.T. -0.02 min

Lab File: BM018960.D

Acq: 27 Feb 2019 21:37

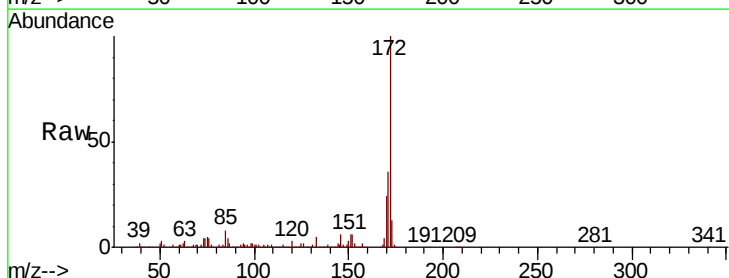
Tgt Ion:172 Resp: 4619104

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

170 23.7 18.6 28.0

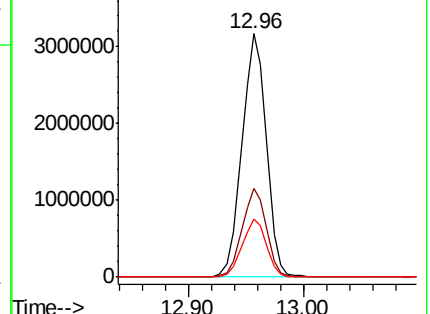
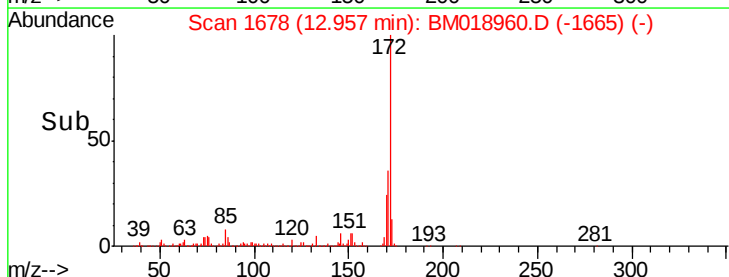


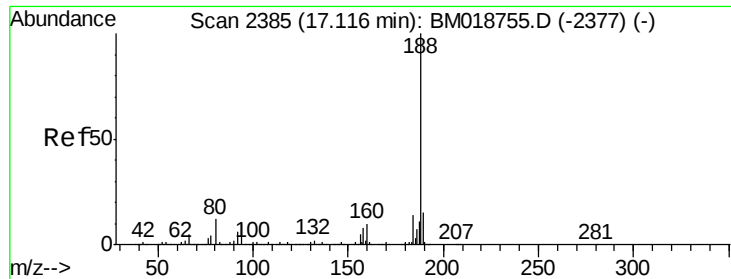
Abundance

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. -0.02 min

Lab File: BM018960.D

Acq: 27 Feb 2019 21:37

Instrument :

BNA_M

ClientSampleId :

WV-D

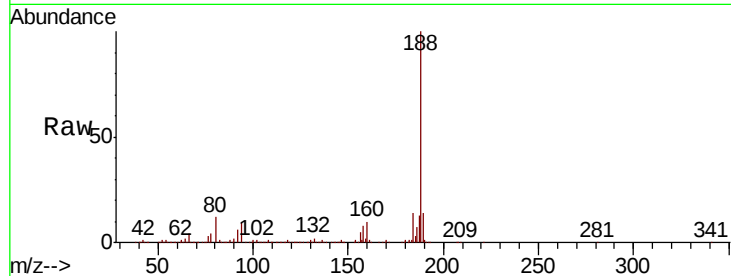
Tgt Ion:188 Resp: 1524202

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

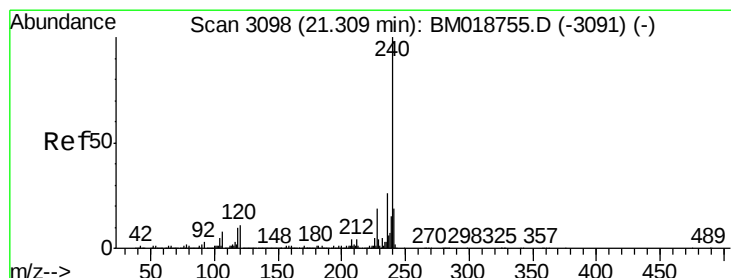
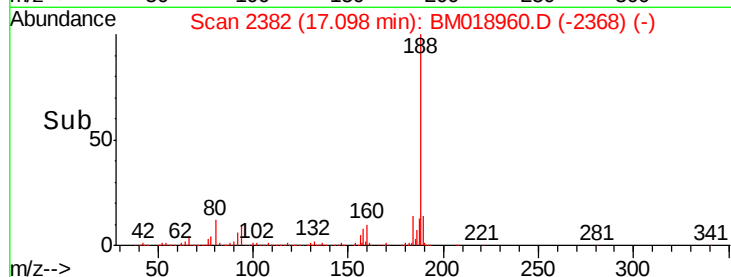
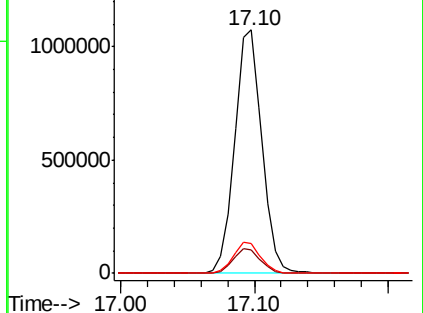
80 12.0 9.7 14.5



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: BM018960.D

Acq: 27 Feb 2019 21:37

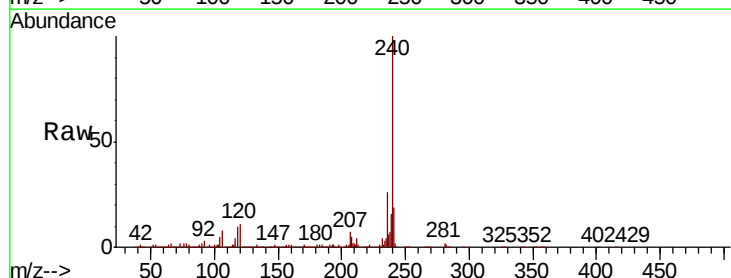
Tgt Ion:240 Resp: 1395468

Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

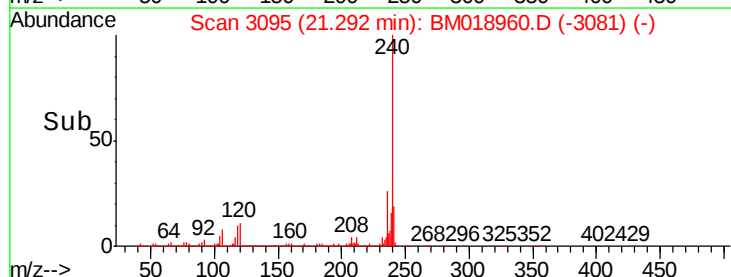
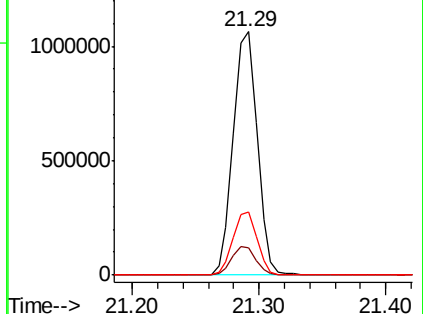
236 26.0 20.9 31.3

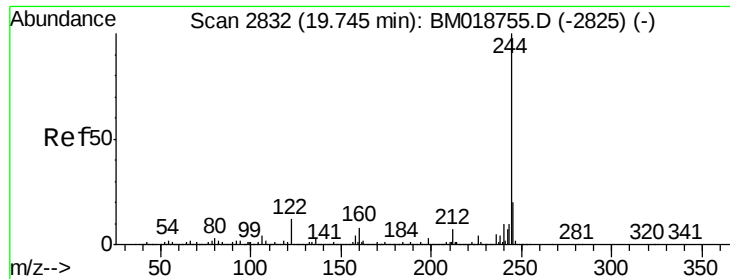


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

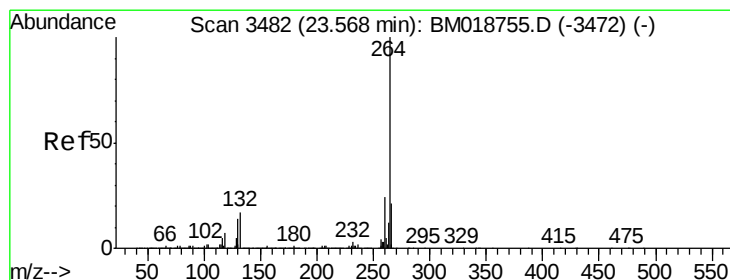
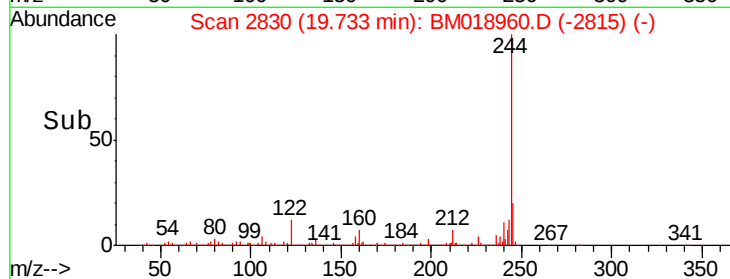
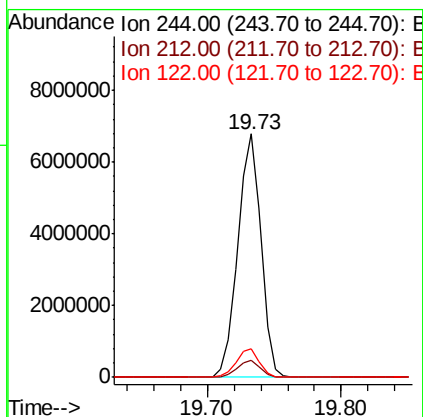
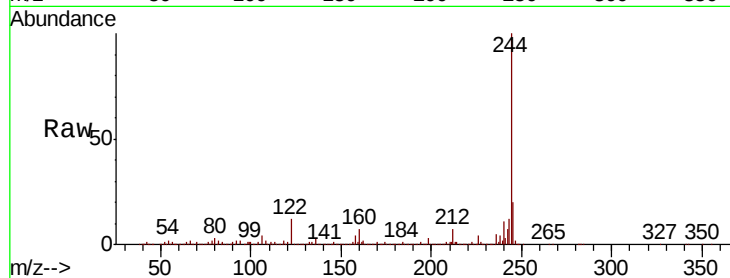




#79
 Terphenyl-d14
 Concen: 120.703 ng
 RT: 19.73 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BM018960.D
 Acq: 27 Feb 2019 21:37

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Tgt Ion:244 Resp: 8165098
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.6 9.3 13.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.54 min Scan# 3477
 Delta R.T. -0.03 min
 Lab File: BM018960.D
 Acq: 27 Feb 2019 21:37

Tgt Ion:264 Resp: 1191226
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.9 28.3
 265 22.3 17.3 25.9

