

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030119\
 Data File : BM018995.D
 Acq On : 01 Mar 2019 20:08
 Operator : JU/SJ
 Sample : K1655-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 200031

Quant Time: Mar 01 22:26:49 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

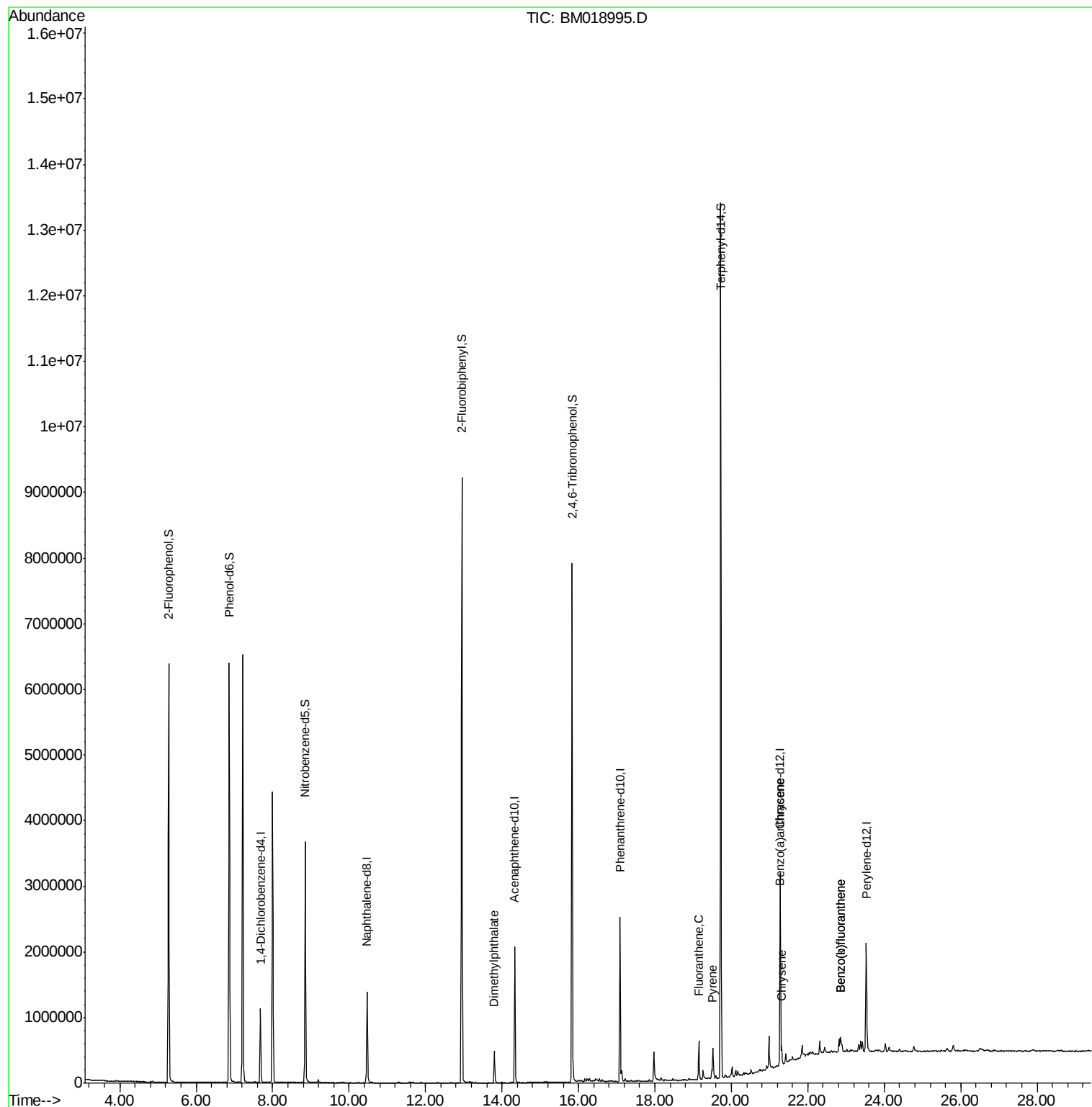
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	287434	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1149008	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	659589	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1420118	20.00	ng	-0.03
76) Chrysene-d12	21.28	240	1182068	20.00	ng	-0.03
87) Perylene-d12	23.53	264	1120749	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2578483	146.98	ng	-0.02
7) Phenol-d6	6.86	99	3709502	150.10	ng	-0.02
23) Nitrobenzene-d5	8.85	82	2304412	92.73	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	1425341	149.91	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	4575200	92.08	ng	-0.03
79) Terphenyl-d14	19.73	244	6013089	104.94	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.86	77	7919	Below Cal		Qvalue # 12
50) Dimethylphthalate	13.80	163	311867	5.673	ng	99
75) Fluoranthene	19.15	202	324125	3.677	ng	98
78) Pyrene	19.52	202	290119	4.226	ng	99
81) Benzo(a)anthracene	21.27	228	187794	2.725	ng	98
83) Chrysene	21.32	228	152816	2.314	ng	97
88) Benzo(b)fluoranthene	22.85	252	235006	3.665	ng	98
89) Benzo(k)fluoranthene	22.85	252	235771	3.693	ng	97

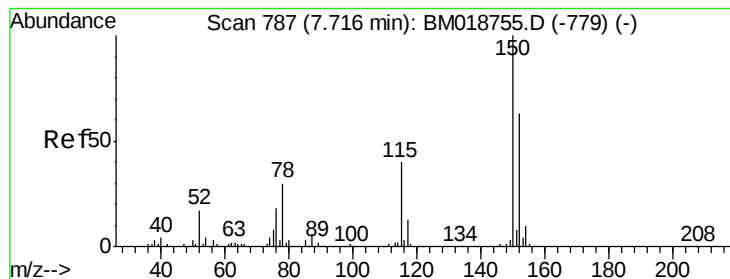
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030119\
Data File : BM018995.D
Acq On : 01 Mar 2019 20:08
Operator : JU/SJ
Sample : K1655-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
200031

Quant Time: Mar 01 22:26:49 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

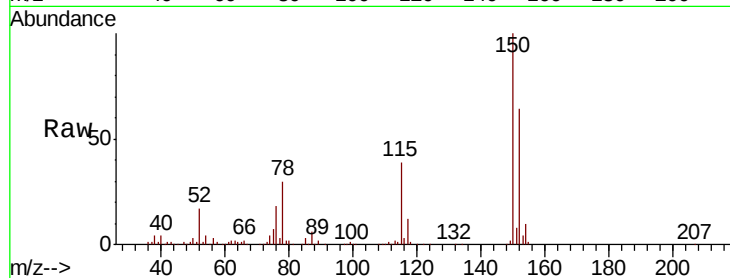




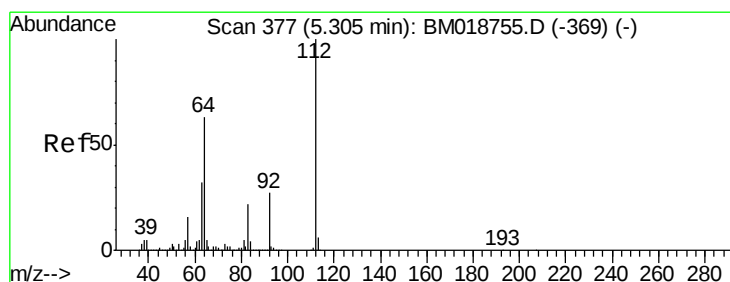
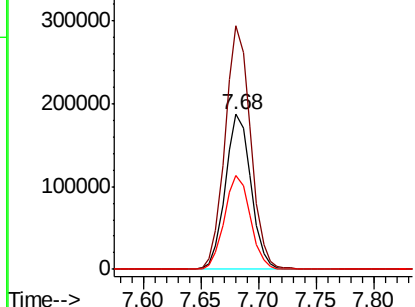
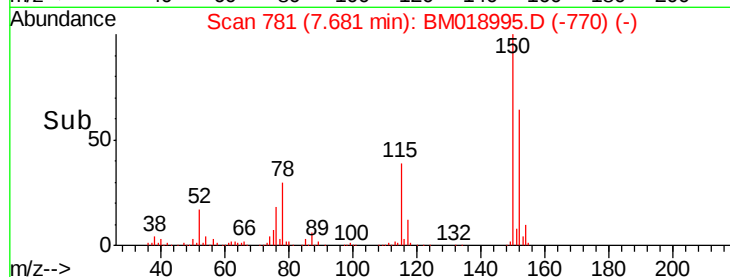
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.68 min Scan# 781
 Delta R.T. -0.04 min
 Lab File: BM018995.D
 Acq: 01 Mar 2019 20:08

Instrument :
 BNA_M
 ClientSampleId :
 200031

Tgt Ion:152 Resp: 287434
 Ion Ratio Lower Upper
 152 100
 150 156.8 127.3 190.9
 115 60.8 50.8 76.2

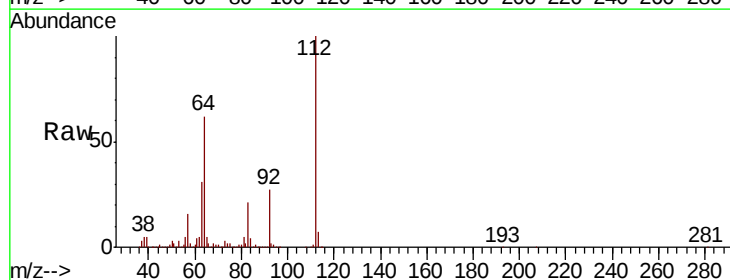


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

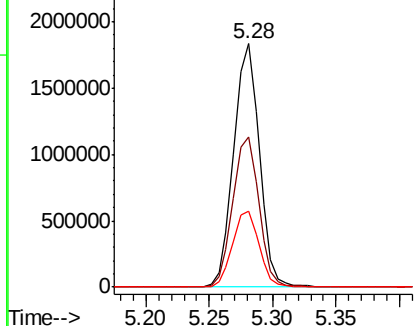
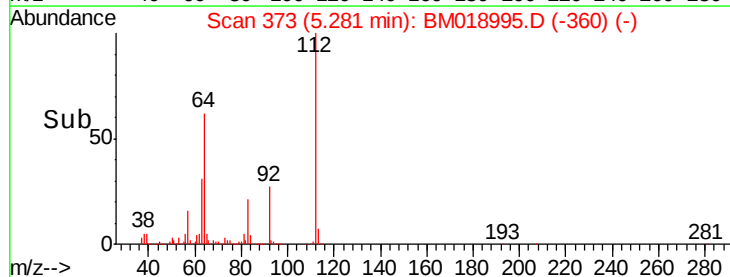


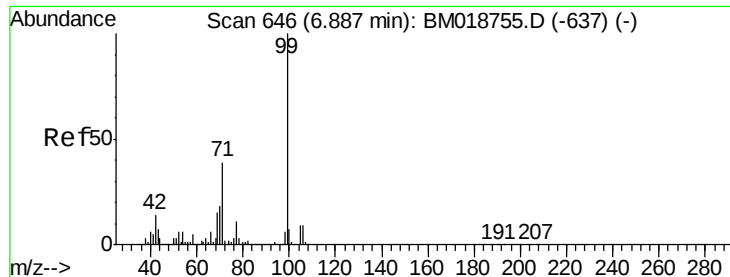
#5
 2-Fluorophenol
 Concen: 146.983 ng
 RT: 5.28 min Scan# 373
 Delta R.T. -0.02 min
 Lab File: BM018995.D
 Acq: 01 Mar 2019 20:08

Tgt Ion:112 Resp: 2578483
 Ion Ratio Lower Upper
 112 100
 64 61.5 50.6 75.8
 63 31.3 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: 150.100 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018995.D

Acq: 01 Mar 2019 20:08

Instrument :

BNA_M

ClientSampleId :

200031

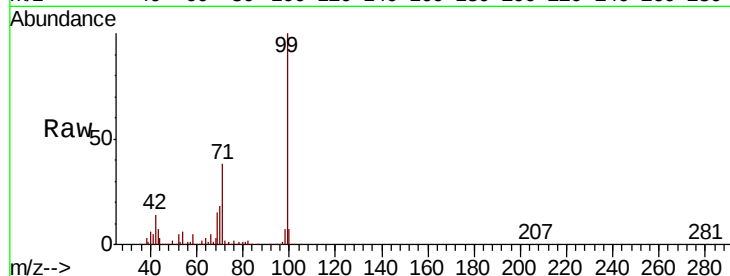
Tgt Ion: 99 Resp: 3709502

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.6

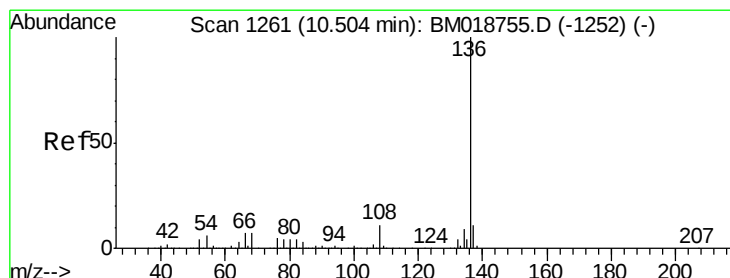
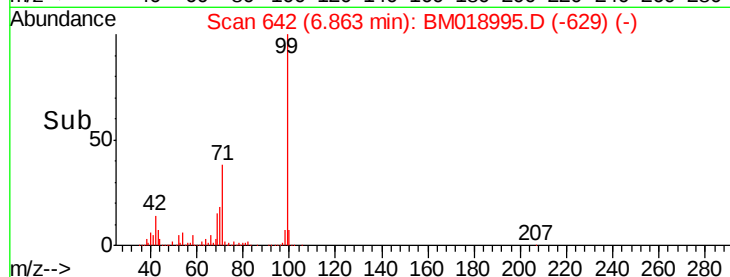
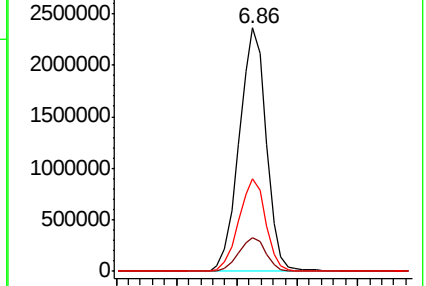
71 38.0 31.3 46.9



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# 1255

Delta R.T. -0.04 min

Lab File: BM018995.D

Acq: 01 Mar 2019 20:08

Tgt Ion: 136 Resp: 1149008

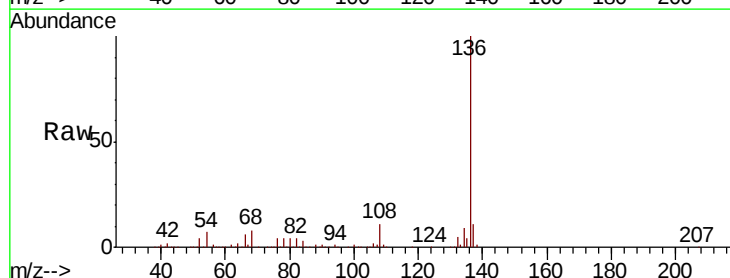
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.8 5.0 7.6

68 7.6 5.5 8.3

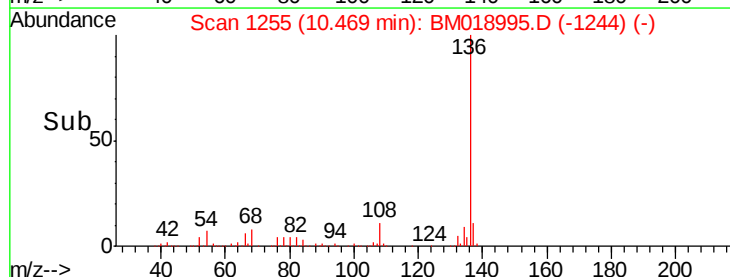
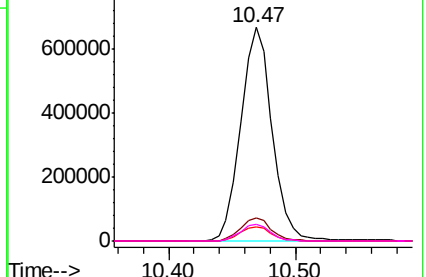


Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

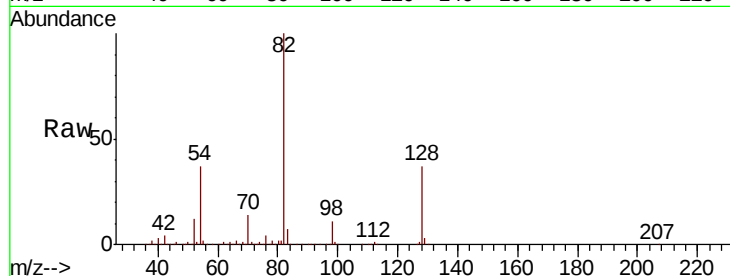




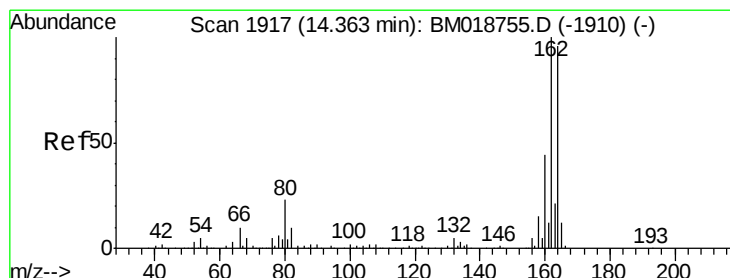
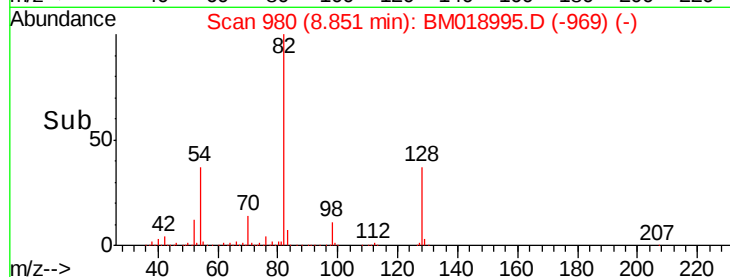
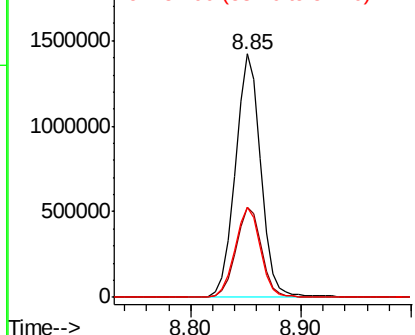
#23
Nitrobenzene-d5
Concen: 92.735 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.04 min
Lab File: BM018995.D
Acq: 01 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
200031

Tgt Ion: 82 Resp: 2304412
Ion Ratio Lower Upper
82 100
128 37.0 29.9 44.9
54 37.0 29.1 43.7

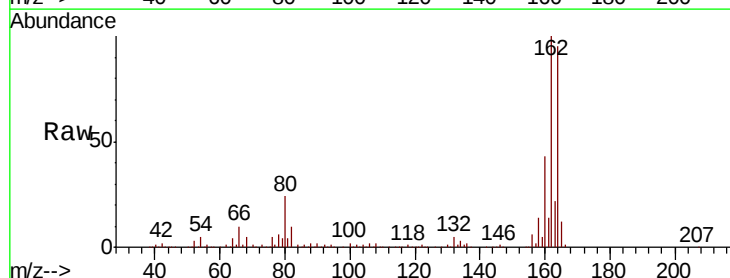


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

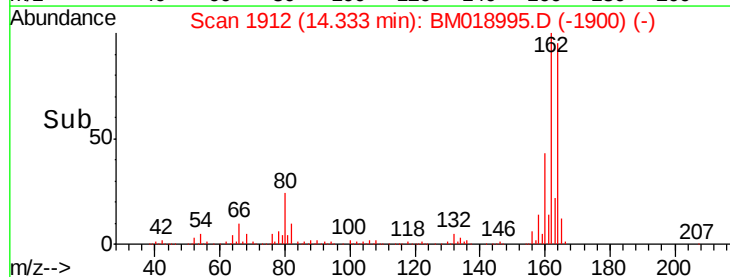
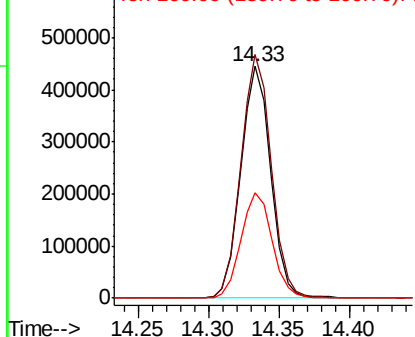


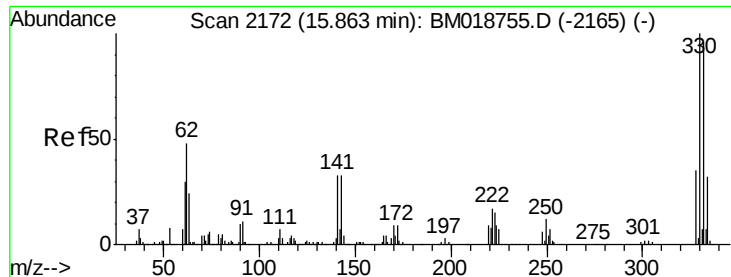
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.03 min
Lab File: BM018995.D
Acq: 01 Mar 2019 20:08

Tgt Ion: 164 Resp: 659589
Ion Ratio Lower Upper
164 100
162 105.1 83.4 125.0
160 45.7 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: 149.913 ng

RT: 15.83 min Scan# 2167

Delta R.T. -0.03 min

Lab File: BM018995.D

Acq: 01 Mar 2019 20:08

Instrument :

BNA_M

ClientSampleId :

200031

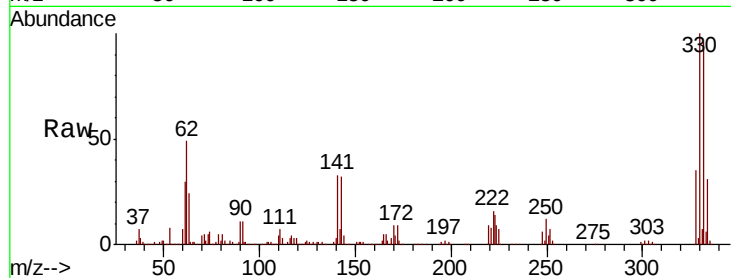
Tgt Ion:330 Resp: 1425341

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

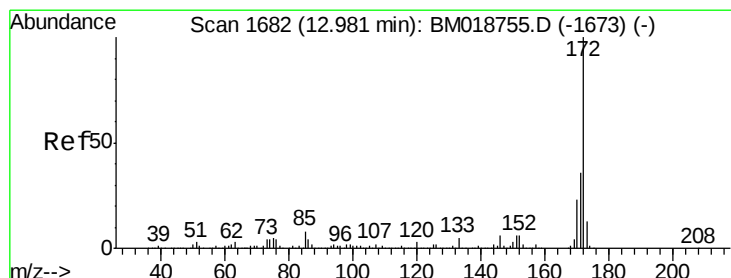
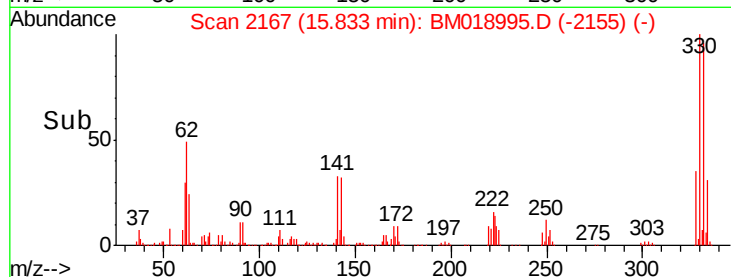
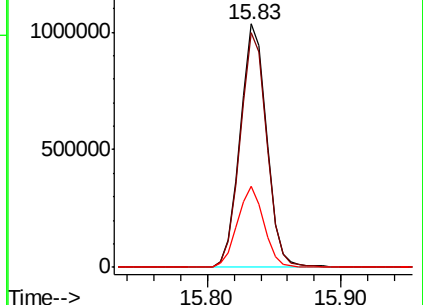
141 33.3 28.7 43.1



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: 92.080 ng

RT: 12.95 min Scan# 1677

Delta R.T. -0.03 min

Lab File: BM018995.D

Acq: 01 Mar 2019 20:08

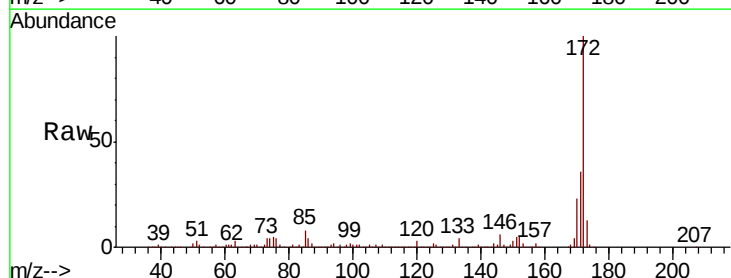
Tgt Ion:172 Resp: 4575200

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

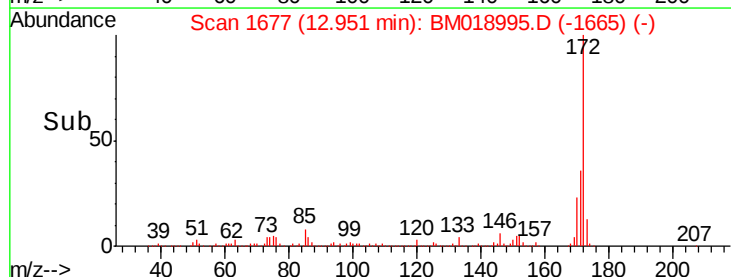
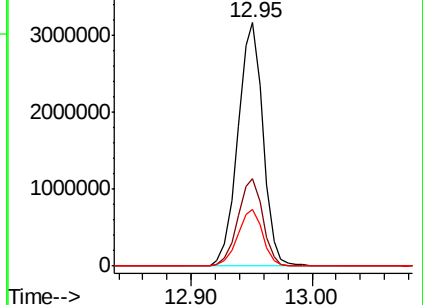
170 23.2 18.6 28.0

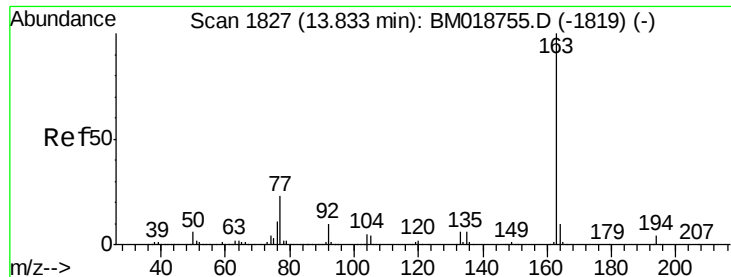


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.673 ng

RT: 13.80 min Scan# 1821

Delta R.T. -0.04 min

Lab File: BM018995.D

Acq: 01 Mar 2019 20:08

Instrument :

BNA_M

ClientSampled :

200031

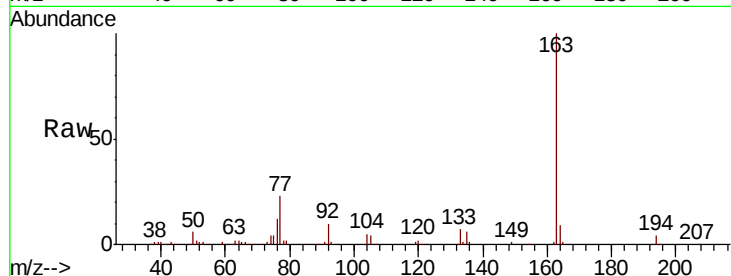
Tgt Ion:163 Resp: 311867

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

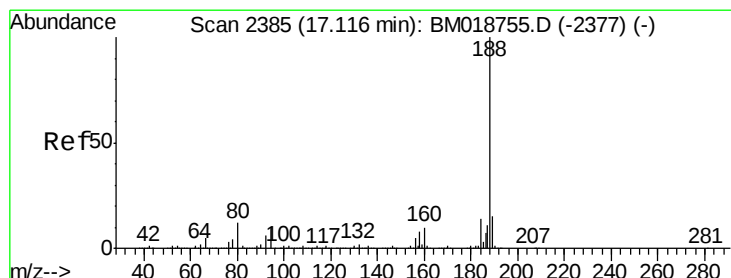
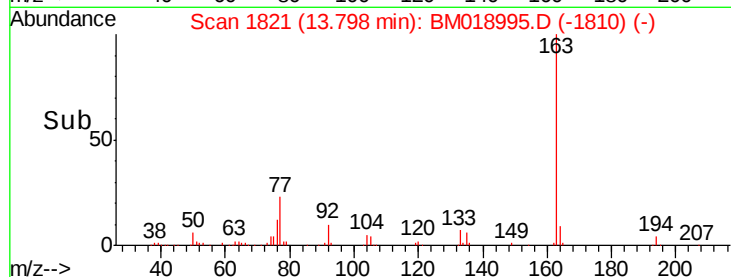
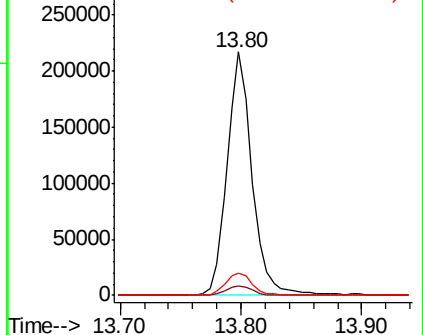
164 9.2 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2380

Delta R.T. -0.03 min

Lab File: BM018995.D

Acq: 01 Mar 2019 20:08

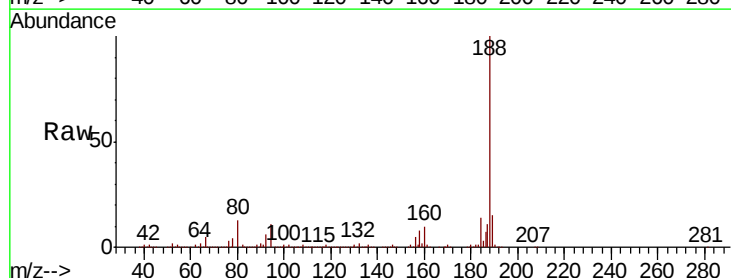
Tgt Ion:188 Resp: 1420118

Ion Ratio Lower Upper

188 100

94 10.7 8.2 12.2

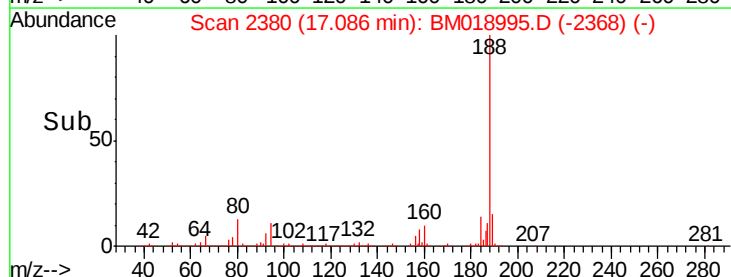
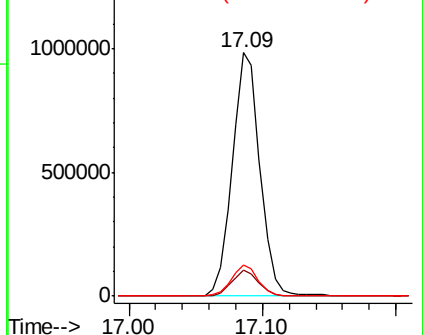
80 12.9 9.7 14.5

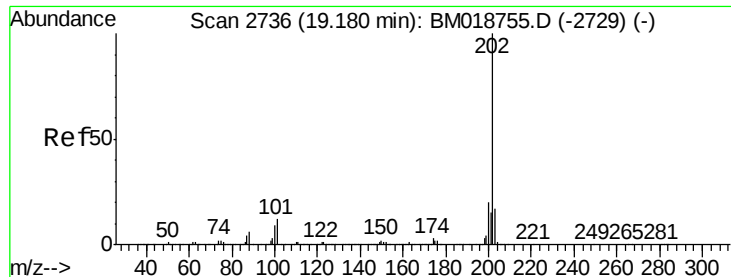


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Fluoranthene

Concen: 3.677 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.03 min

Lab File: BM018995.D

Acq: 01 Mar 2019 20:08

Instrument :

BNA_M

ClientSampleId :

200031

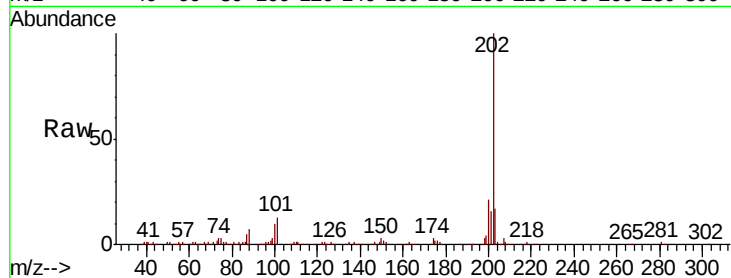
Tgt Ion: 202 Resp: 324125

Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.5

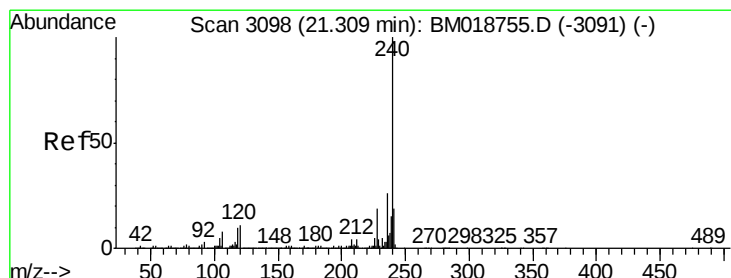
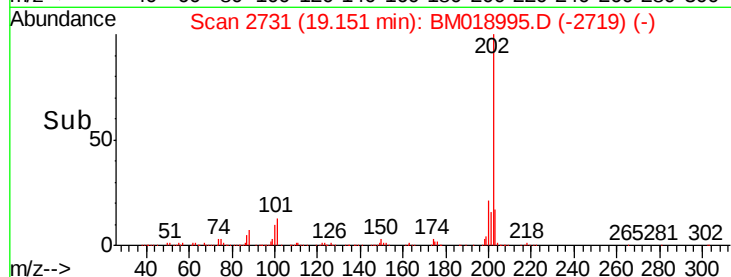
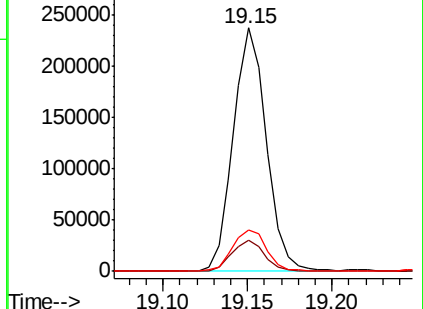
203 17.1 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.28 min Scan# 3093

Delta R.T. -0.03 min

Lab File: BM018995.D

Acq: 01 Mar 2019 20:08

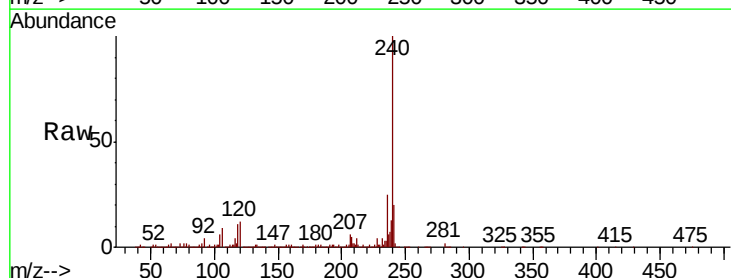
Tgt Ion: 240 Resp: 1182068

Ion Ratio Lower Upper

240 100

120 11.7 8.9 13.3

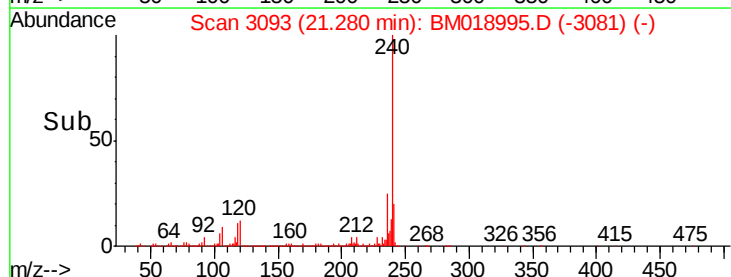
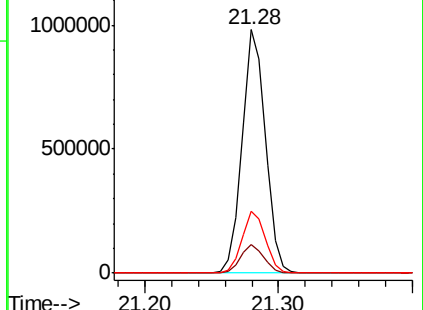
236 25.5 20.9 31.3

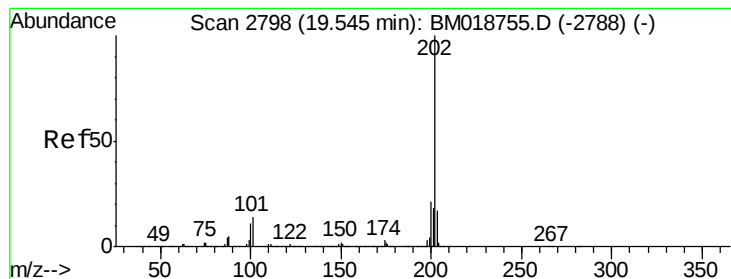


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 4.226 ng

RT: 19.52 min Scan# 2793

Delta R.T. -0.03 min

Lab File: BM018995.D

Acq: 01 Mar 2019 20:08

Instrument :

BNA_M

ClientSampleId :

200031

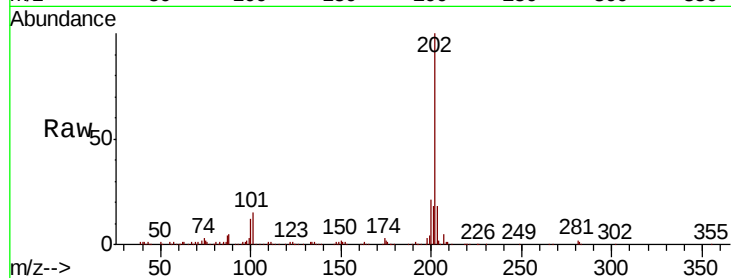
Tgt Ion:202 Resp: 290119

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 18.1 13.8 20.8

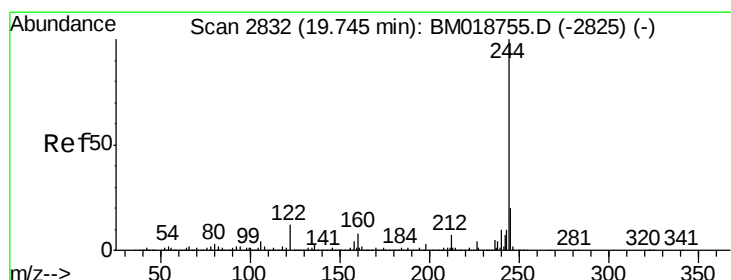
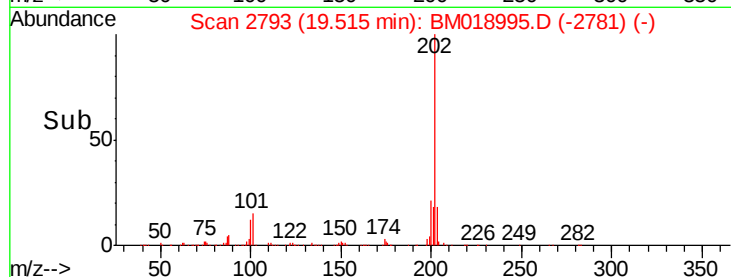
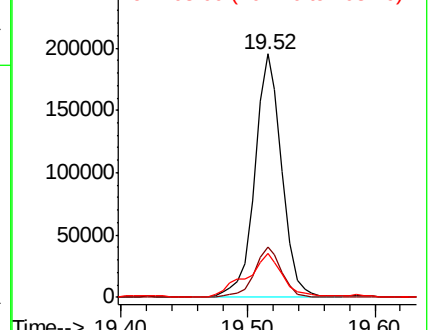


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 104.938 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BM018995.D

Acq: 01 Mar 2019 20:08

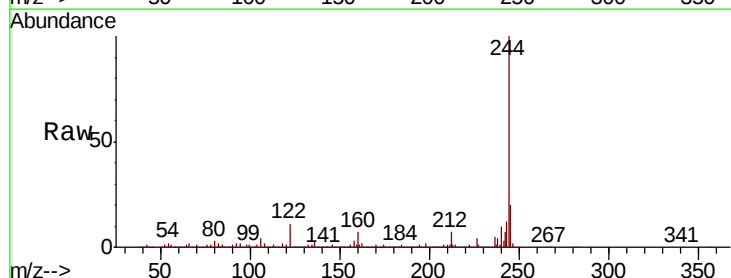
Tgt Ion:244 Resp: 6013089

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.6 9.3 13.9

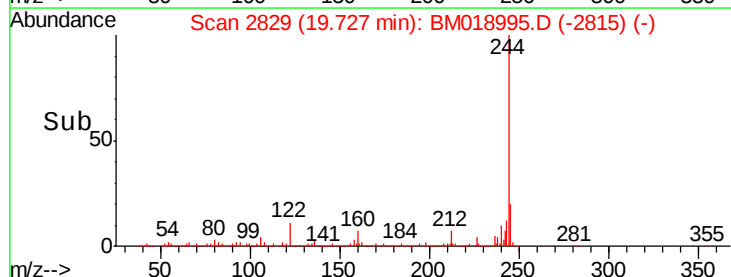
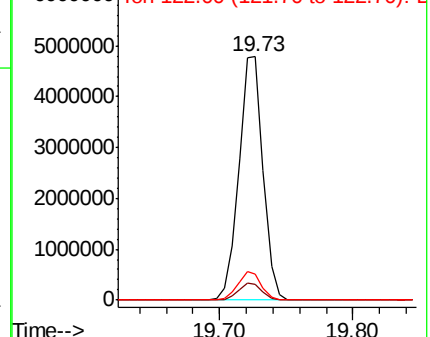


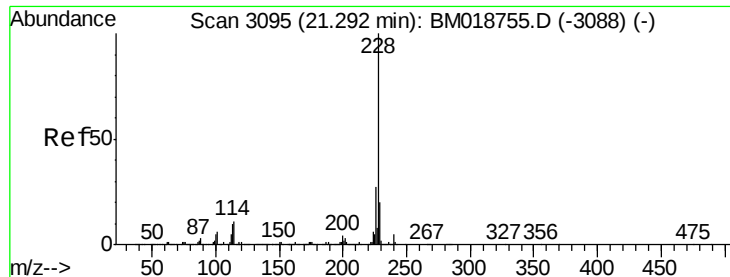
Abundance

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





#81

Benzo(a)anthracene

Concen: 2.725 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM018995.D

Acq: 01 Mar 2019 20:08

Instrument :

BNA_M

ClientSampleId :

200031

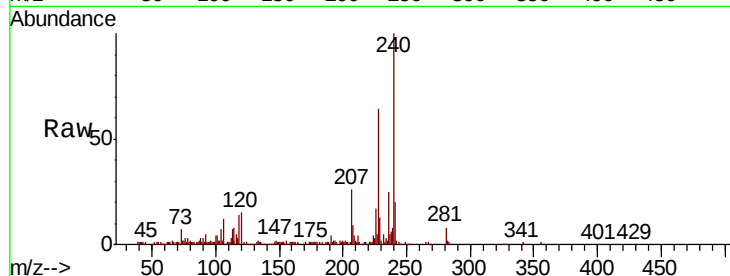
Tgt Ion:228 Resp: 187794

Ion Ratio Lower Upper

228 100

226 26.2 21.9 32.9

229 19.6 15.9 23.9

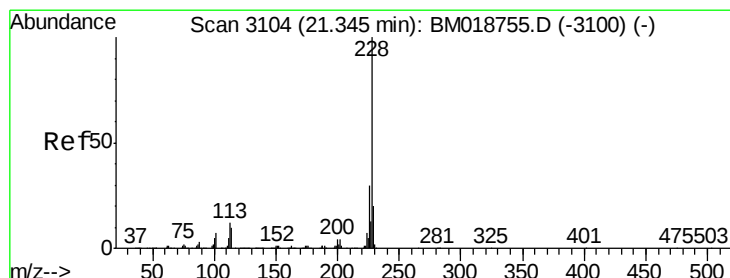
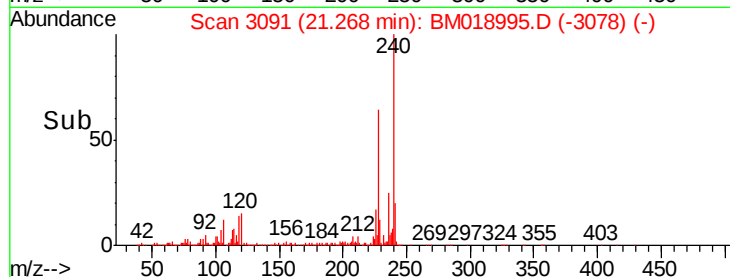
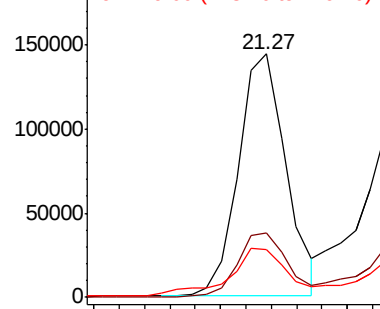


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 2.314 ng

RT: 21.32 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BM018995.D

Acq: 01 Mar 2019 20:08

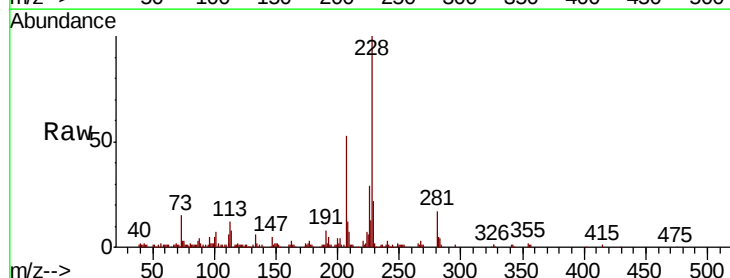
Tgt Ion:228 Resp: 152816

Ion Ratio Lower Upper

228 100

226 28.7 24.1 36.1

229 22.2 16.0 24.0

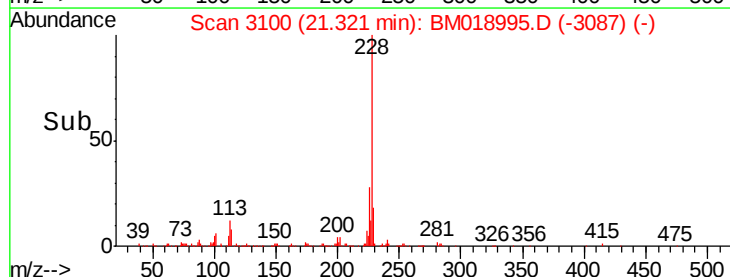
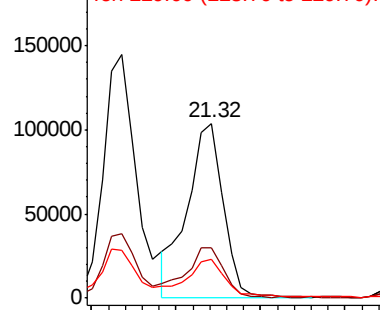


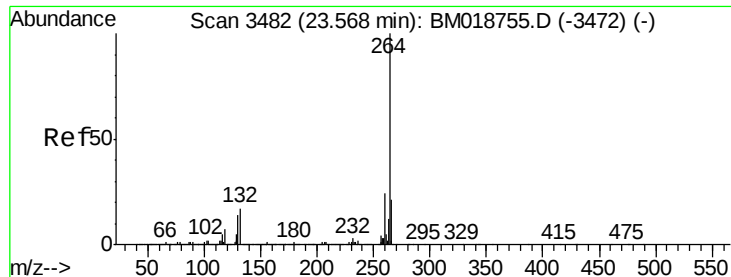
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.53 min Scan# 3475

Delta R.T. -0.04 min

Lab File: BM018995.D

Acq: 01 Mar 2019 20:08

Instrument :

BNA_M

ClientSampleId :

200031

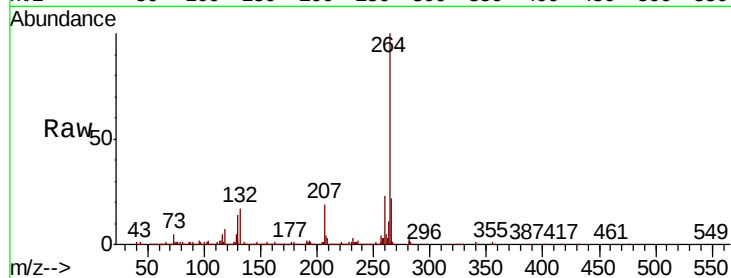
Tgt Ion:264 Resp: 1120749

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 22.2 17.3 25.9

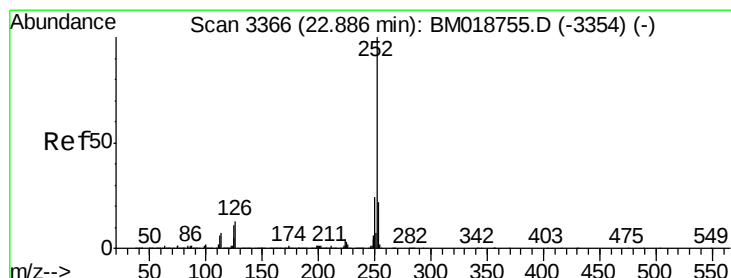
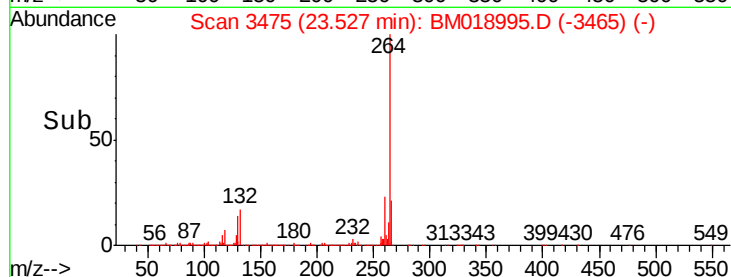
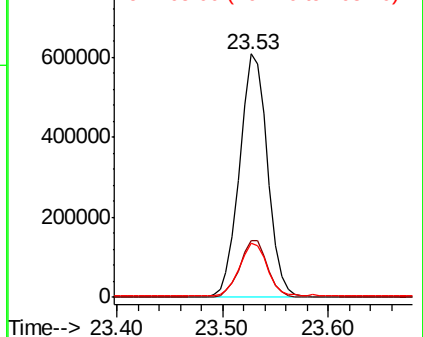


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 3.665 ng

RT: 22.85 min Scan# 3360

Delta R.T. -0.04 min

Lab File: BM018995.D

Acq: 01 Mar 2019 20:08

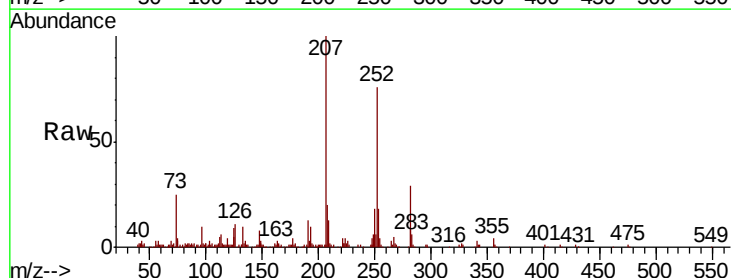
Tgt Ion:252 Resp: 235006

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

125 12.1 8.6 12.8

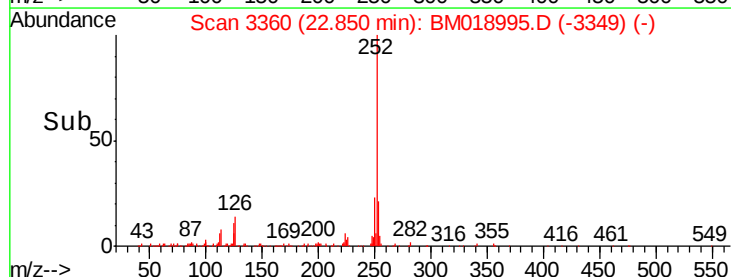
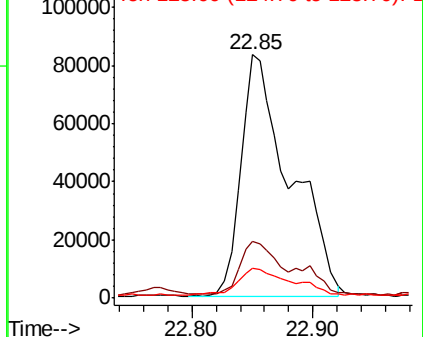


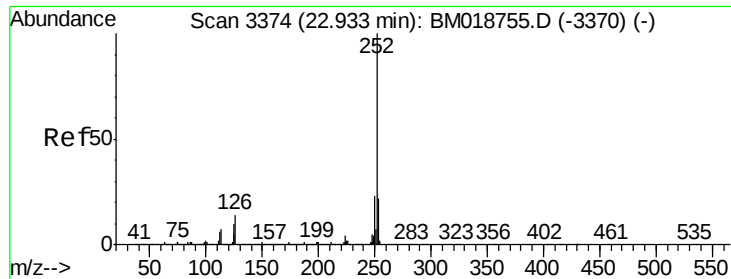
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.693 ng

RT: 22.85 min Scan# 3360

Delta R.T. -0.08 min

Lab File: BM018995.D

Acq: 01 Mar 2019 20:08

Instrument :

BNA_M

ClientSampleId :

200031

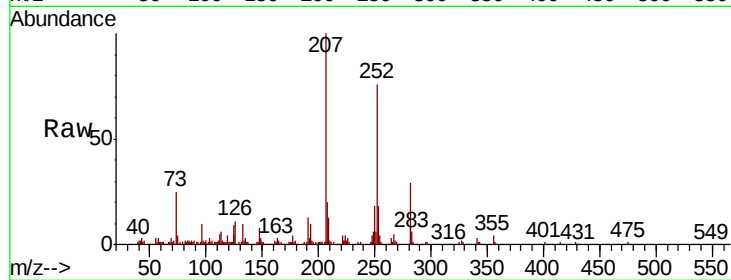
Tgt Ion: 252 Resp: 235771

Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

125 12.1 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

