

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030119\
 Data File : BM018996.D
 Acq On : 01 Mar 2019 20:44
 Operator : JU/SJ
 Sample : K1655-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 200053

Quant Time: Mar 01 22:27:00 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

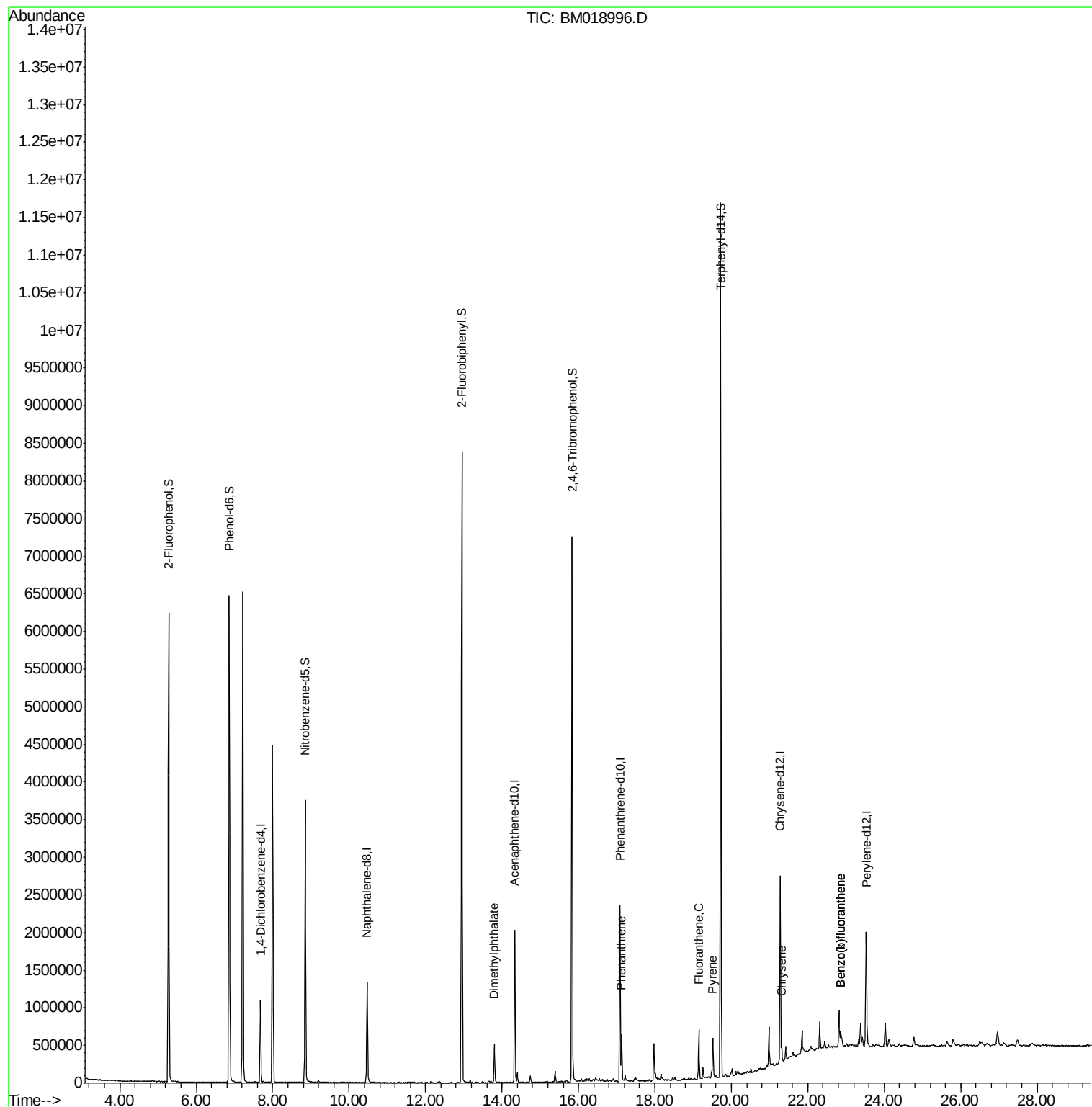
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	275012	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1108069	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	617978	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1275643	20.00	ng	-0.03
76) Chrysene-d12	21.28	240	1018000	20.00	ng	-0.03
87) Perylene-d12	23.53	264	1040905	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2578524	153.62	ng	-0.02
7) Phenol-d6	6.86	99	3729877	157.74	ng	-0.02
23) Nitrobenzene-d5	8.85	82	2337089	97.52	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	1325702	148.82	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	4157161	89.30	ng	-0.03
79) Terphenyl-d14	19.72	244	5082886	103.00	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.86	77	8424	Below Cal		Qvalue # 12
50) Dimethylphthalate	13.80	163	334642	6.498	ng	99
71) Phenanthrene	17.13	178	337405	4.922	ng	99
75) Fluoranthene	19.15	202	366695	4.631	ng	98
78) Pyrene	19.52	202	299390	5.064	ng	100
83) Chrysene	21.32	228	146639	2.578	ng	98
88) Benzo(b)fluoranthene	22.85	252	184659	3.101	ng	97
89) Benzo(k)fluoranthene	22.85	252	184707	3.115	ng	# 96

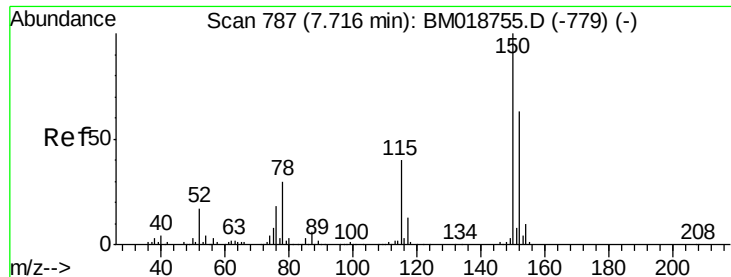
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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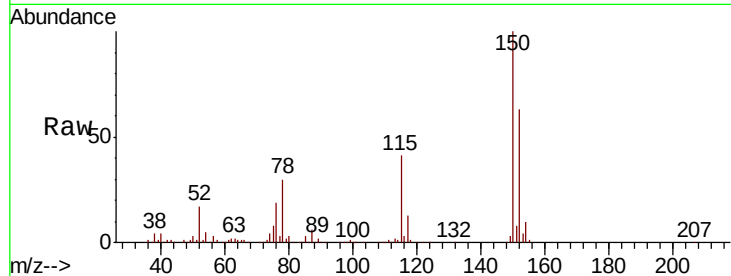


#1

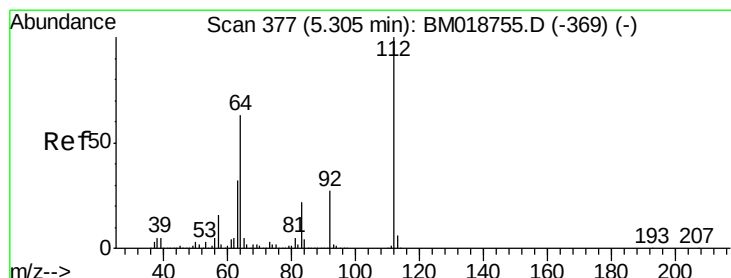
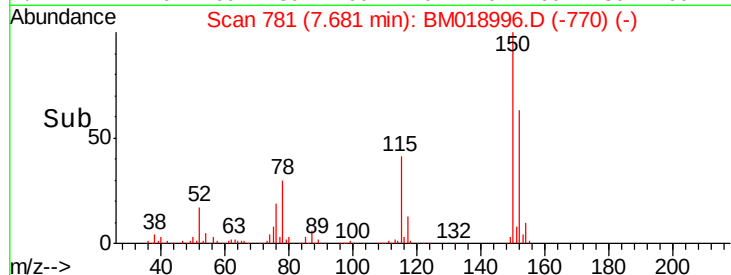
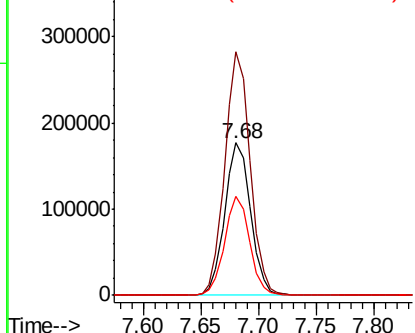
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Instrument :
BNA_M
ClientSampleId :
200053

Tgt Ion:152 Resp: 275012
Ion Ratio Lower Upper
152 100
150 159.6 127.3 190.9
115 64.8 50.8 76.2



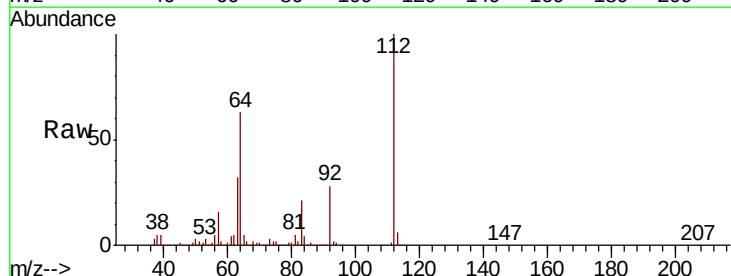
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



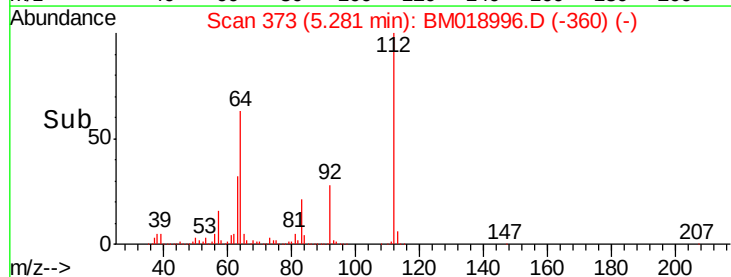
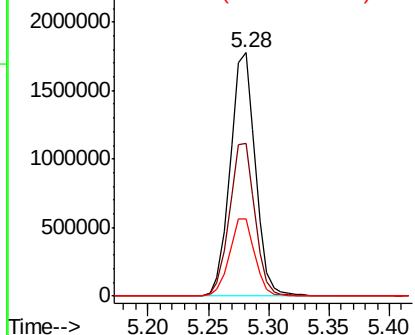
#5

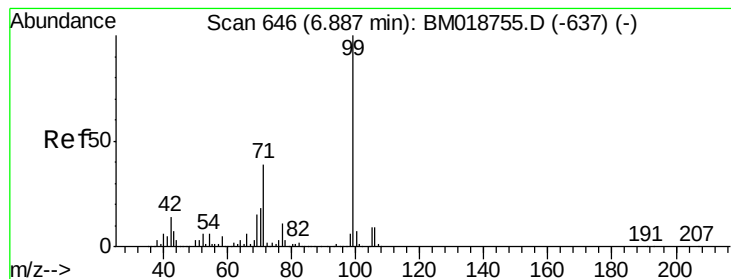
2-Fluorophenol
Concen: 153.624 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Tgt Ion:112 Resp: 2578524
Ion Ratio Lower Upper
112 100
64 62.5 50.6 75.8
63 31.7 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: 157.742 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018996.D

Acq: 01 Mar 2019 20:44

Instrument :

BNA_M

ClientSampleId :

200053

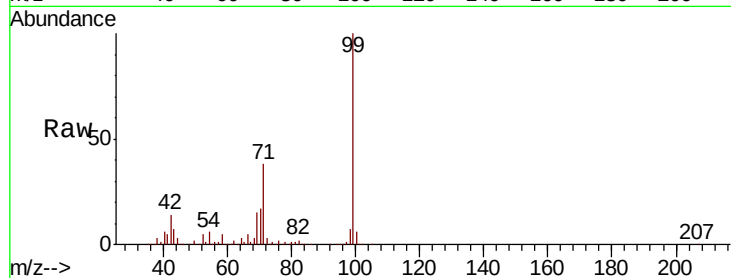
Tgt Ion: 99 Resp: 3729877

Ion Ratio Lower Upper

99 100

42 13.6 11.0 16.6

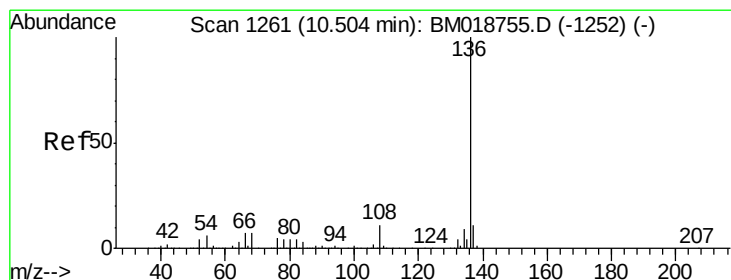
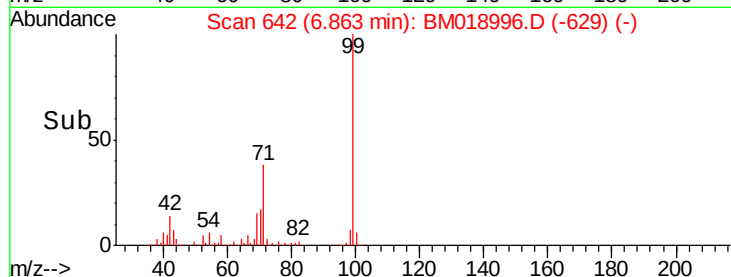
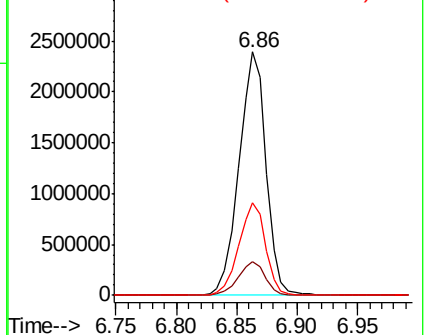
71 37.9 31.3 46.9



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: BM018996.D

Acq: 01 Mar 2019 20:44

Tgt Ion: 136 Resp: 1108069

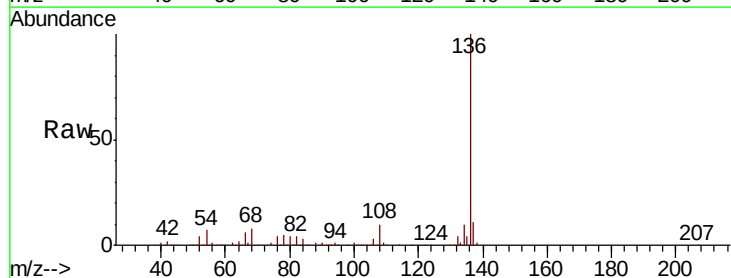
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.8 5.0 7.6

68 7.5 5.5 8.3

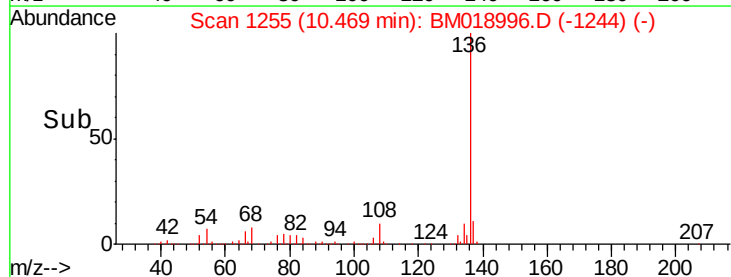
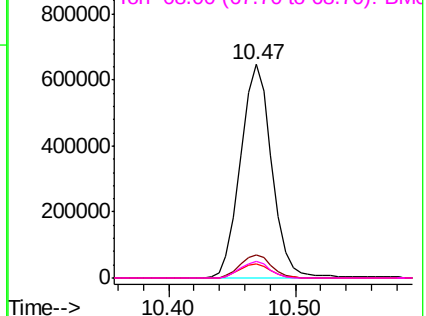


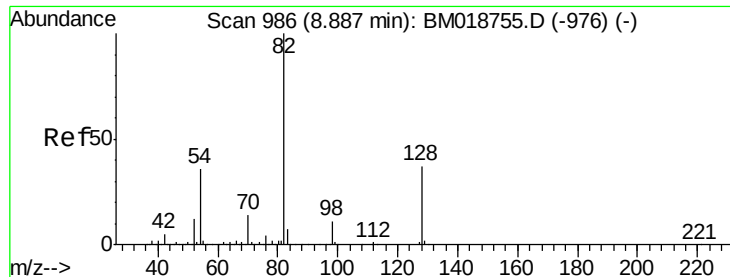
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

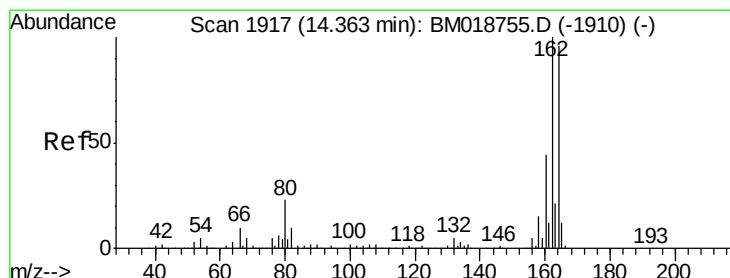
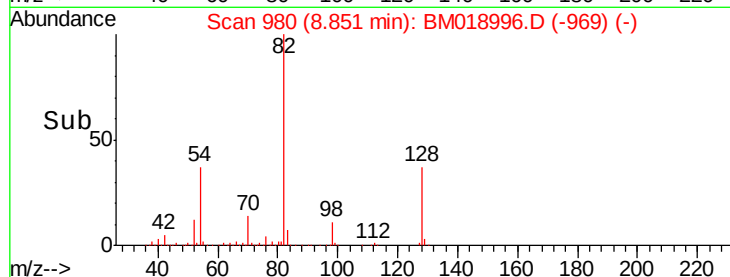
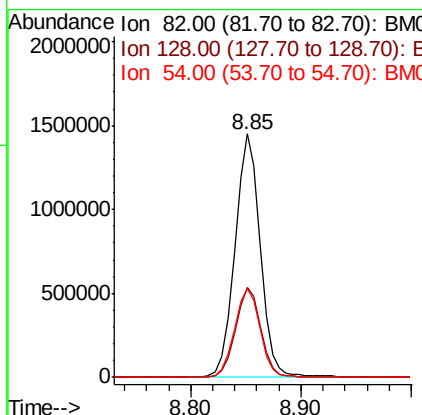
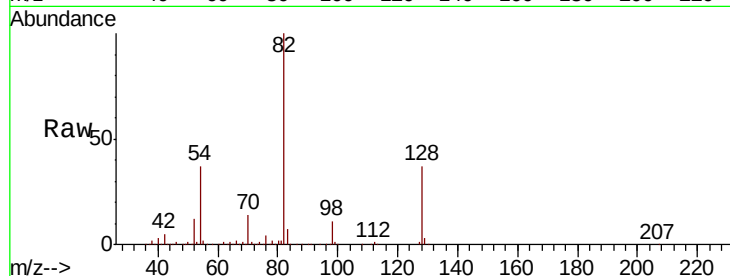




#23
 Nitrobenzene-d5
 Concen: 97.524 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.04 min
 Lab File: BM018996.D
 Acq: 01 Mar 2019 20:44

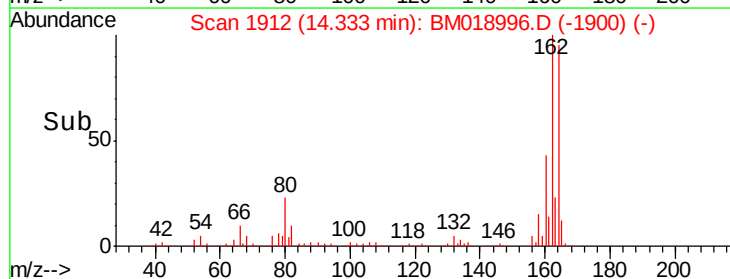
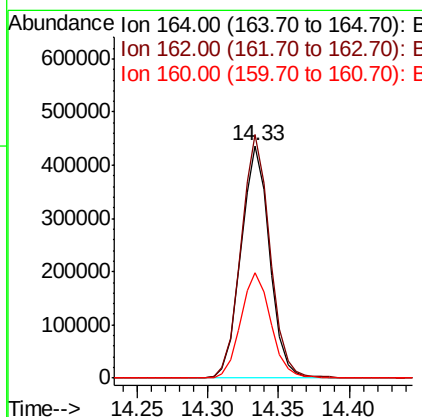
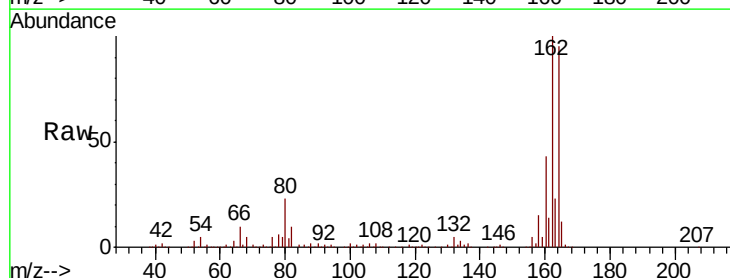
Instrument :
 BNA_M
 ClientSampleId :
 200053

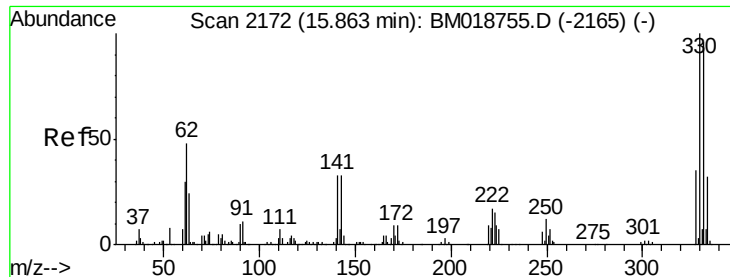
Tgt Ion: 82 Resp: 2337089
 Ion Ratio Lower Upper
 82 100
 128 37.1 29.9 44.9
 54 36.6 29.1 43.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1912
 Delta R.T. -0.03 min
 Lab File: BM018996.D
 Acq: 01 Mar 2019 20:44

Tgt Ion: 164 Resp: 617978
 Ion Ratio Lower Upper
 164 100
 162 104.7 83.4 125.0
 160 45.4 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 148.822 ng

RT: 15.83 min Scan# 2167

Delta R.T. -0.03 min

Lab File: BM018996.D

Acq: 01 Mar 2019 20:44

Instrument :

BNA_M

ClientSampleId :

200053

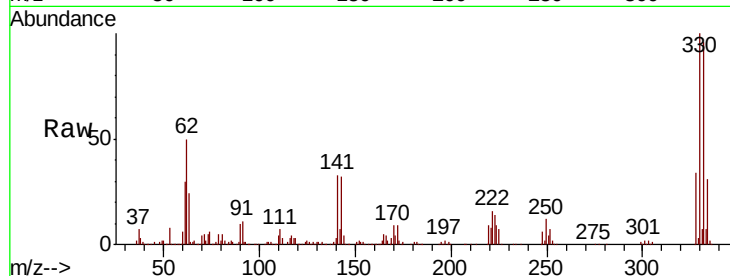
Tgt Ion:330 Resp: 1325702

Ion Ratio Lower Upper

330 100

332 97.0 76.9 115.3

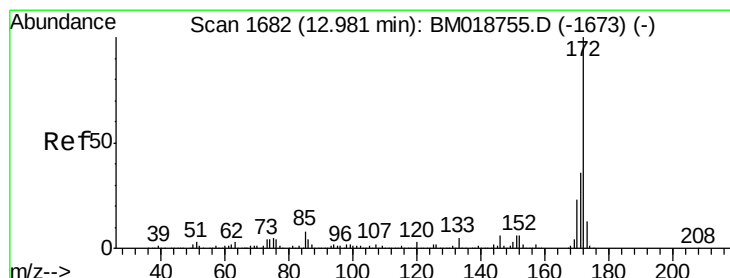
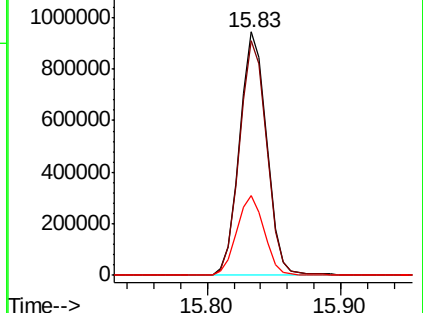
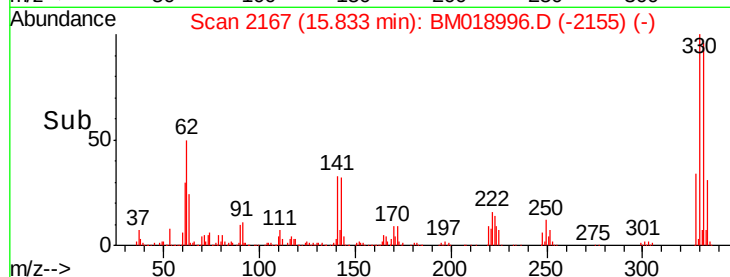
141 33.5 28.7 43.1



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: 89.300 ng

RT: 12.95 min Scan# 1677

Delta R.T. -0.03 min

Lab File: BM018996.D

Acq: 01 Mar 2019 20:44

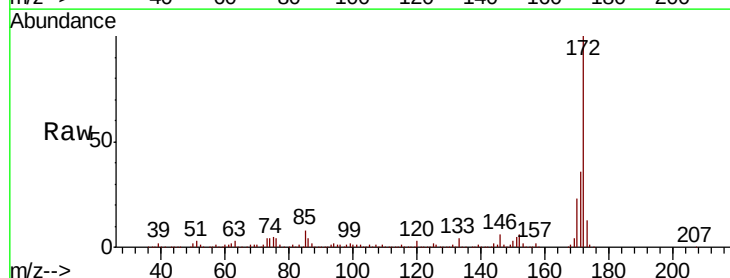
Tgt Ion:172 Resp: 4157161

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

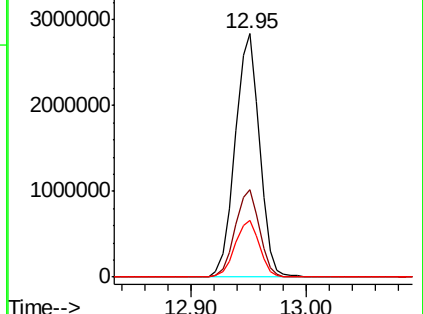
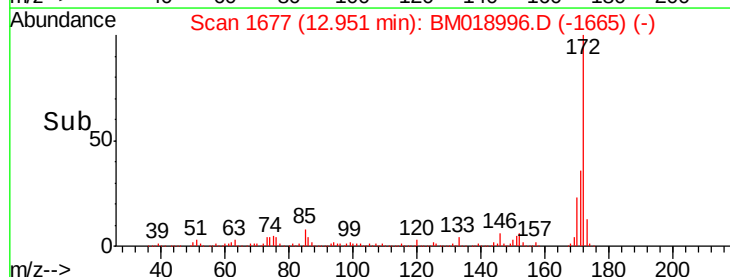
170 23.4 18.6 28.0

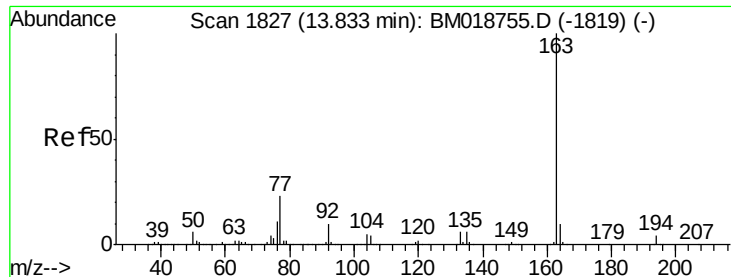


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

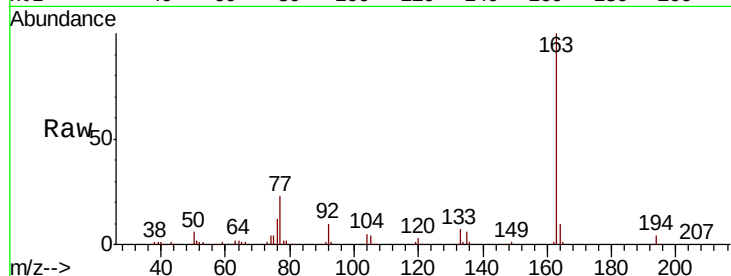




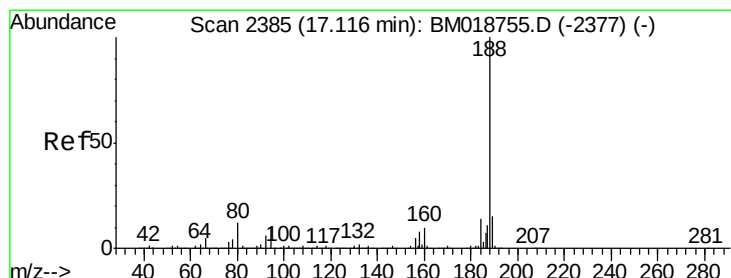
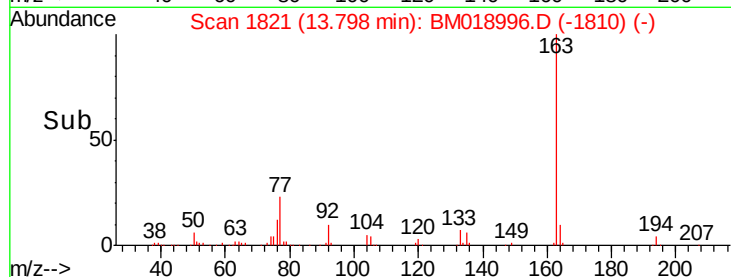
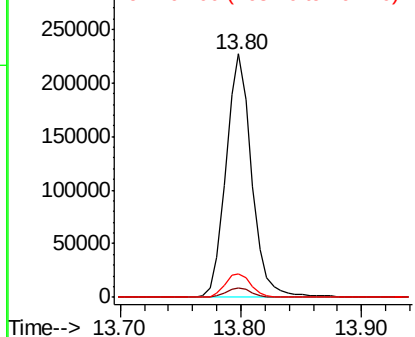
#50
Dimethylphthalate
Concen: 6.498 ng
RT: 13.80 min Scan# 1821
Delta R.T. -0.04 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

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Tgt Ion:163 Resp: 334642
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.6 7.8 11.8

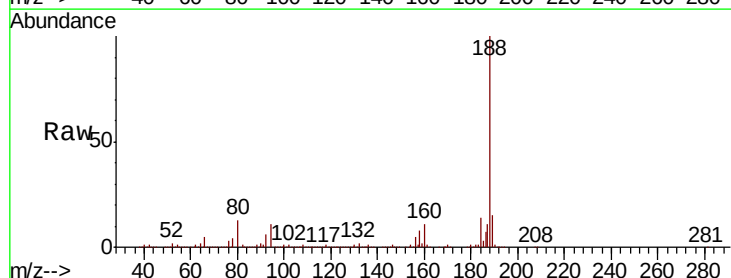


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

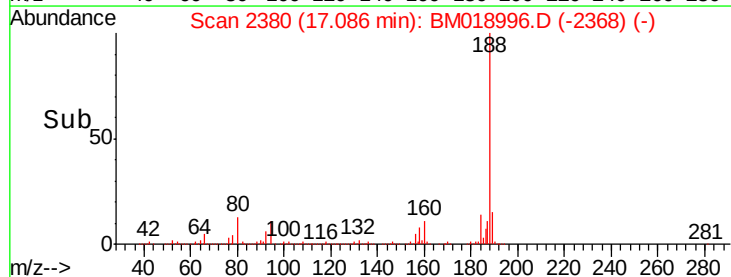
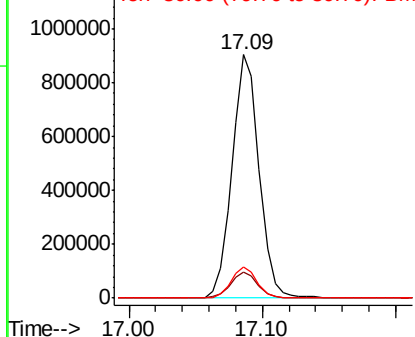


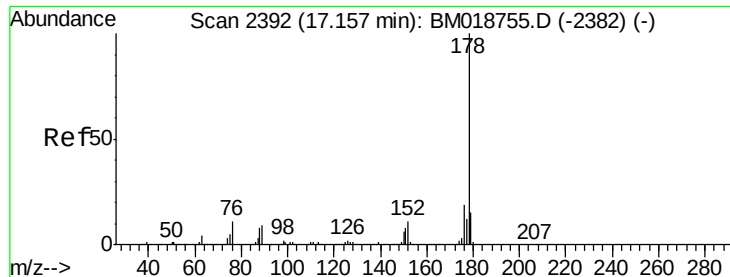
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Tgt Ion:188 Resp: 1275643
Ion Ratio Lower Upper
188 100
94 10.6 8.2 12.2
80 13.0 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





#71

Phenanthrene

Concen: 4.922 ng

RT: 17.13 min Scan# 2387

Delta R.T. -0.03 min

Lab File: BM018996.D

Acq: 01 Mar 2019 20:44

Instrument :

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ClientSampleId :

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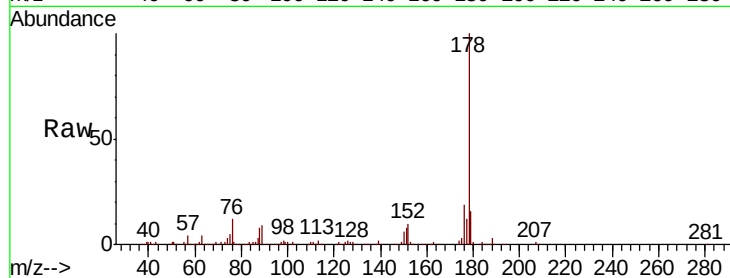
Tgt Ion:178 Resp: 337405

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

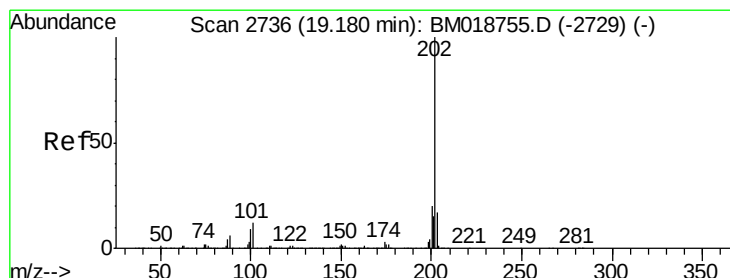
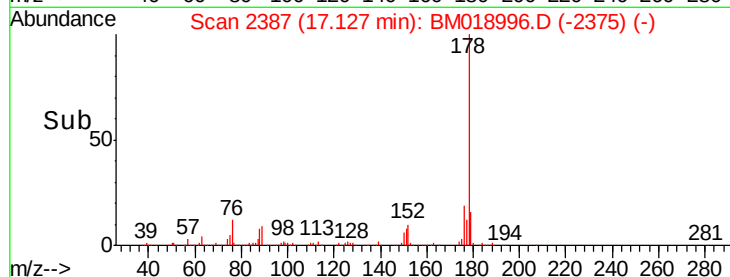
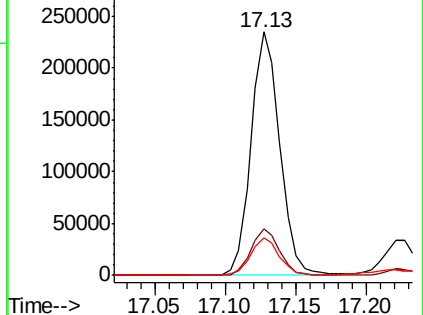
179 15.5 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 4.631 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.03 min

Lab File: BM018996.D

Acq: 01 Mar 2019 20:44

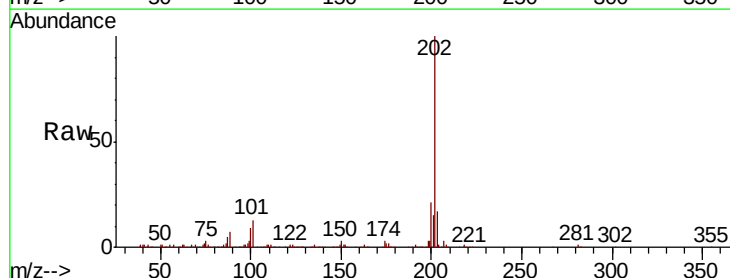
Tgt Ion:202 Resp: 366695

Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.5

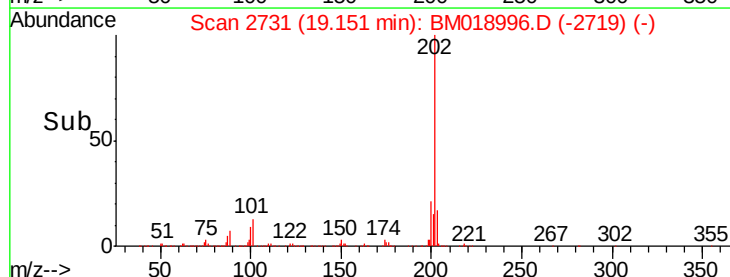
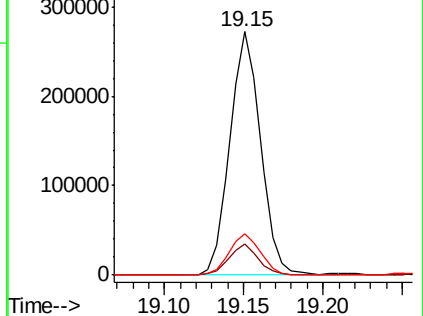
203 16.9 0.0 37.3

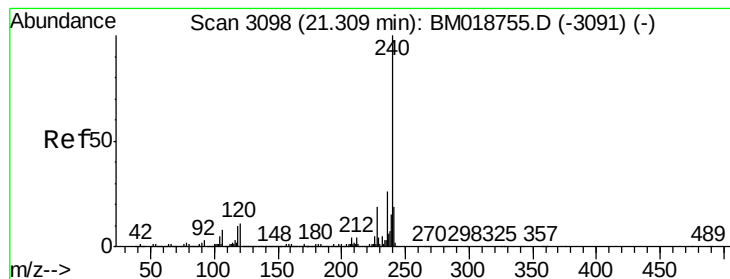


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM018996.D

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Instrument :

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ClientSampled :

200053

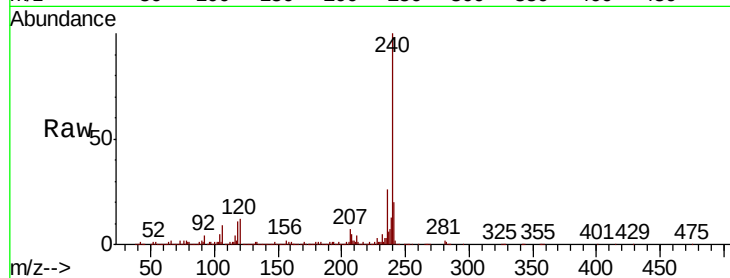
Tgt Ion:240 Resp: 1018000

Ion Ratio Lower Upper

240 100

120 11.9 8.9 13.3

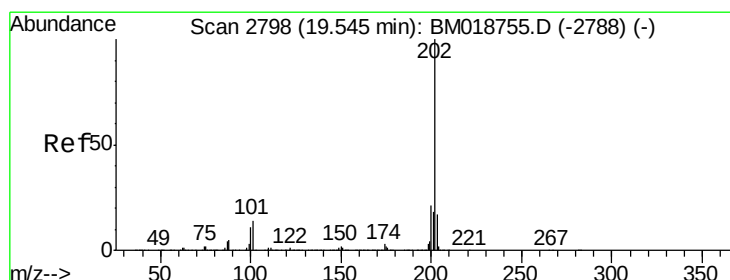
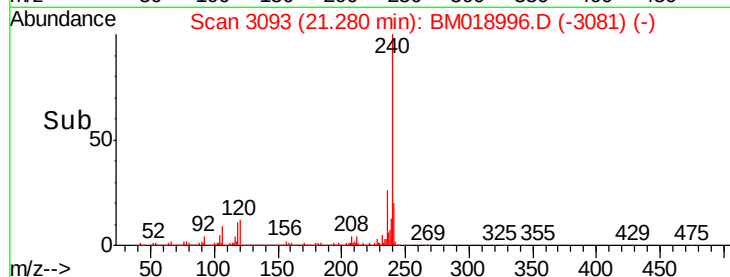
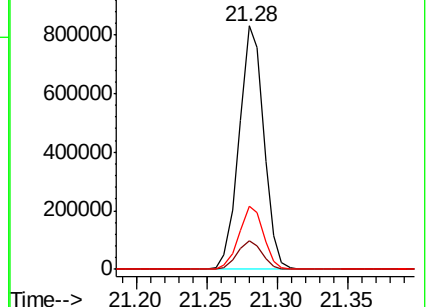
236 25.7 20.9 31.3



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



#78

Pyrene

Concen: 5.064 ng

RT: 19.52 min Scan# 2793

Delta R.T. -0.03 min

Lab File: BM018996.D

Acq: 01 Mar 2019 20:44

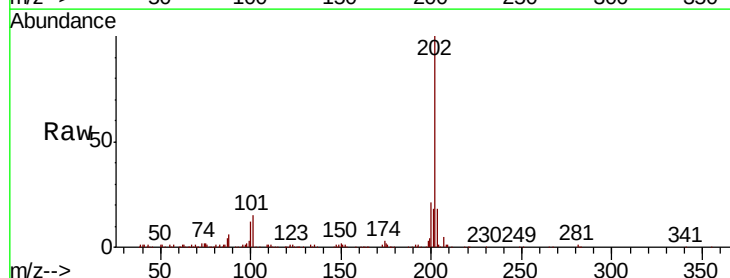
Tgt Ion:202 Resp: 299390

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

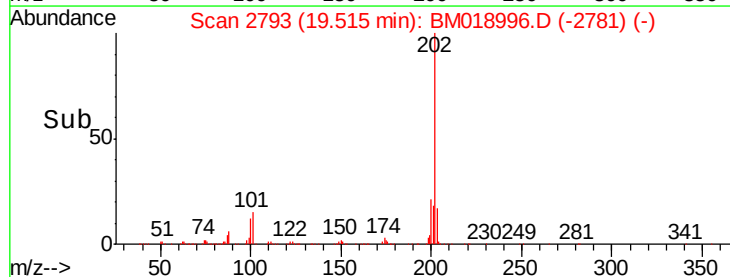
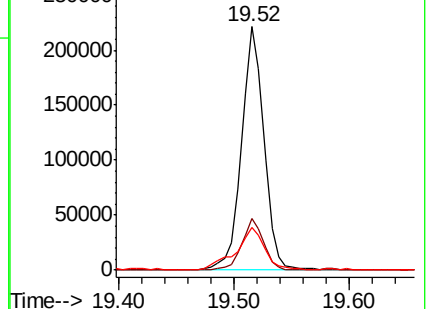
203 17.6 13.8 20.8

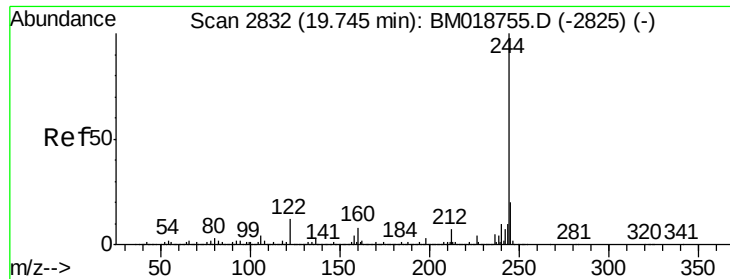


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

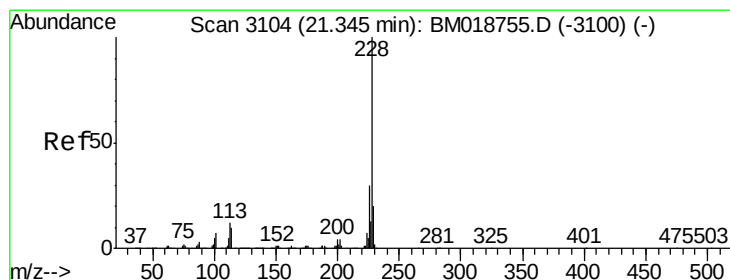
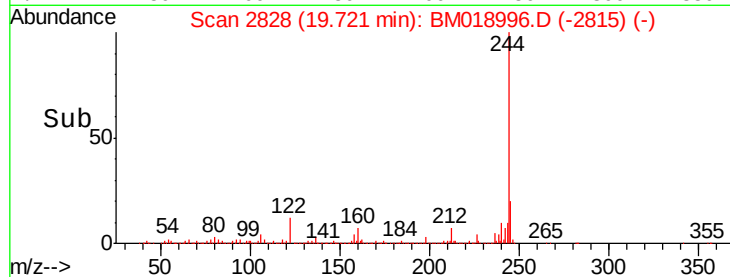
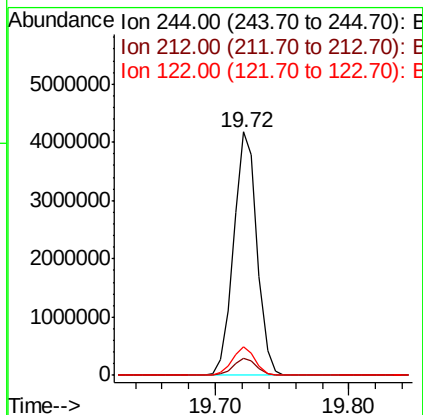
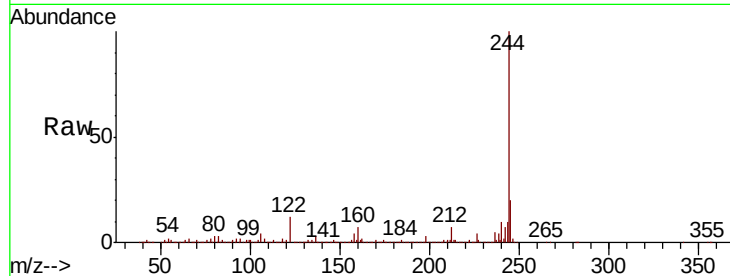




#79
 Terphenyl-d14
 Concen: 103.001 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.02 min
 Lab File: BM018996.D
 Acq: 01 Mar 2019 20:44

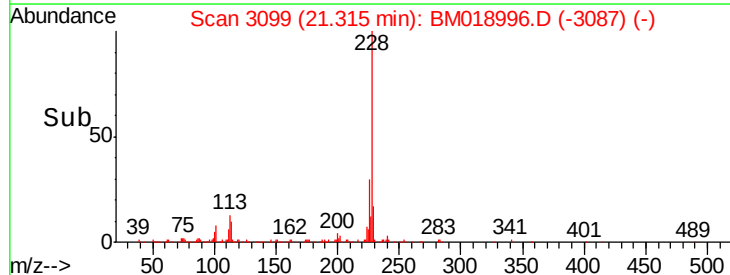
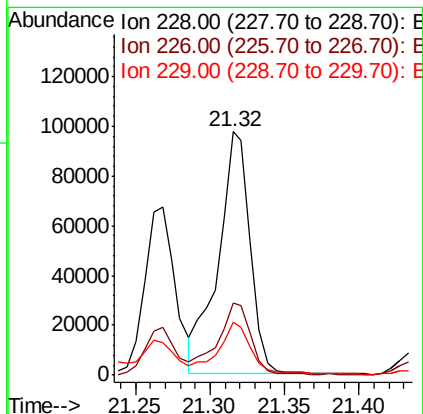
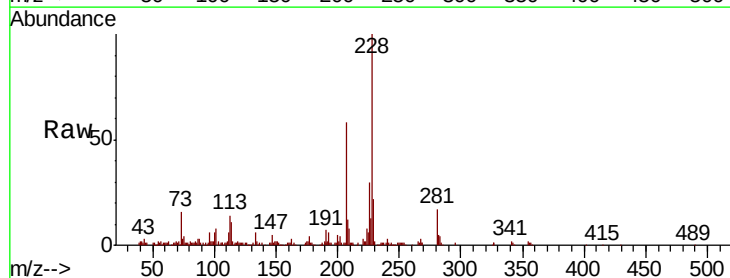
Instrument :
 BNA_M
 ClientSampleId :
 200053

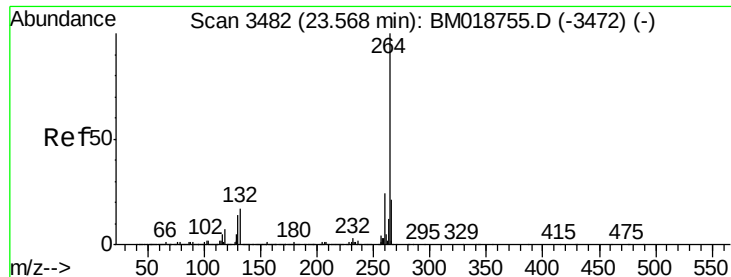
Tgt Ion:244 Resp: 5082886
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.7 9.3 13.9



#83
 Chrysene
 Concen: 2.578 ng
 RT: 21.32 min Scan# 3099
 Delta R.T. -0.03 min
 Lab File: BM018996.D
 Acq: 01 Mar 2019 20:44

Tgt Ion:228 Resp: 146639
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.1 36.1
 229 21.8 16.0 24.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.53 min Scan# 3475

Delta R.T. -0.04 min

Lab File: BM018996.D

Acq: 01 Mar 2019 20:44

Instrument :

BNA_M

ClientSampleId :

200053

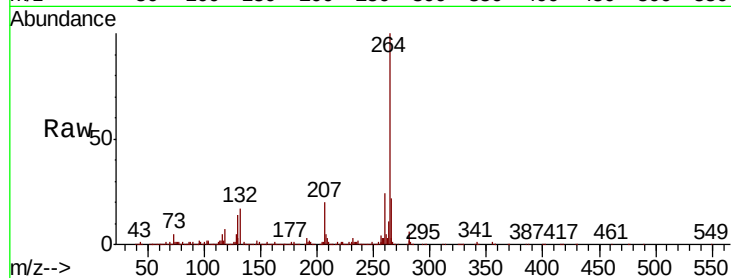
Tgt Ion:264 Resp: 1040905

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

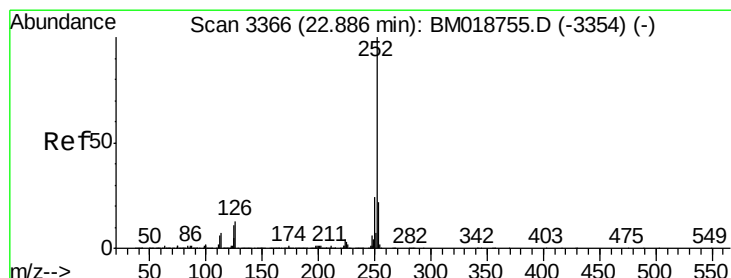
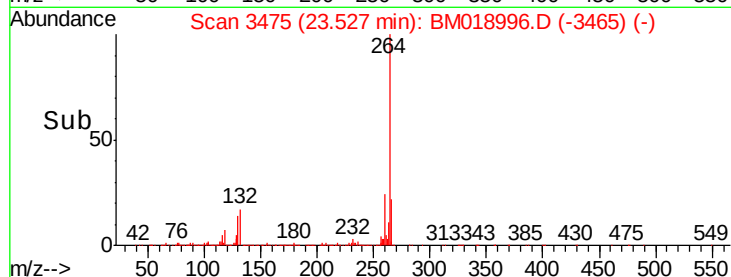
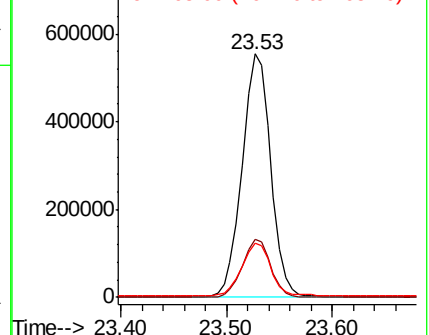
265 22.2 17.3 25.9



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: 3.101 ng

RT: 22.85 min Scan# 3360

Delta R.T. -0.04 min

Lab File: BM018996.D

Acq: 01 Mar 2019 20:44

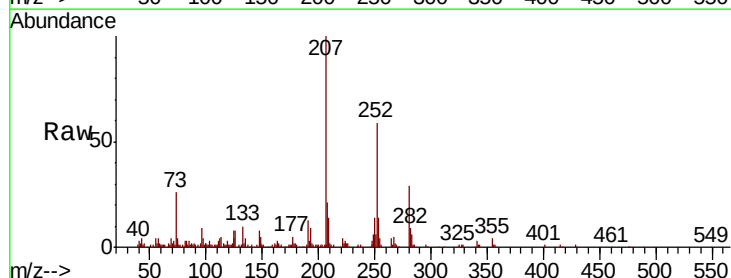
Tgt Ion:252 Resp: 184659

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

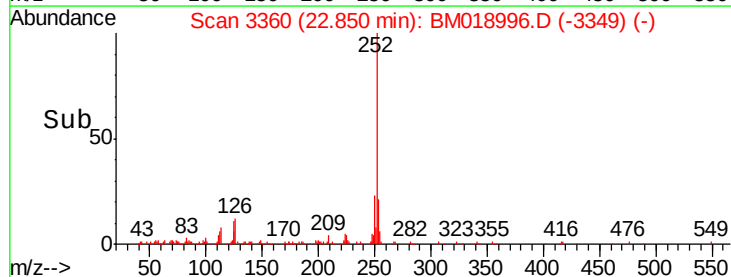
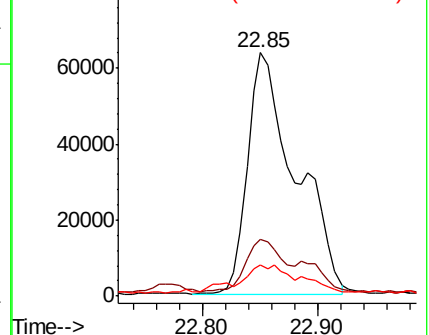
125 12.7 8.6 12.8

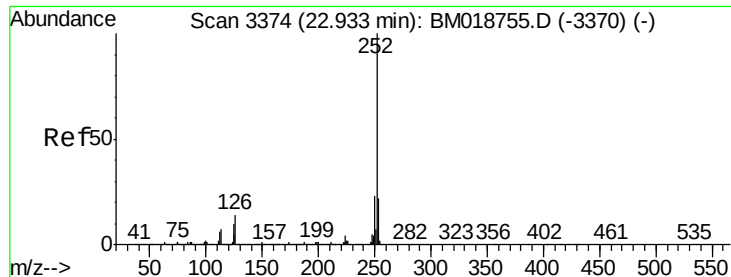


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.115 ng

RT: 22.85 min Scan# 3360

Delta R.T. -0.08 min

Lab File: BM018996.D

Acq: 01 Mar 2019 20:44

Instrument :

BNA_M

ClientSampleId :

200053

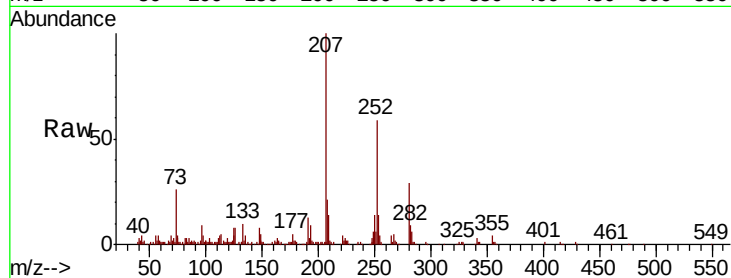
Tgt Ion: 252 Resp: 184707

Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

125 12.7 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

