

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
 Data File : BM020257.D
 Acq On : 11 May 2019 02:06
 Operator : JU/SJ
 Sample : K2801-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT-3456

Quant Time: May 11 06:03:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

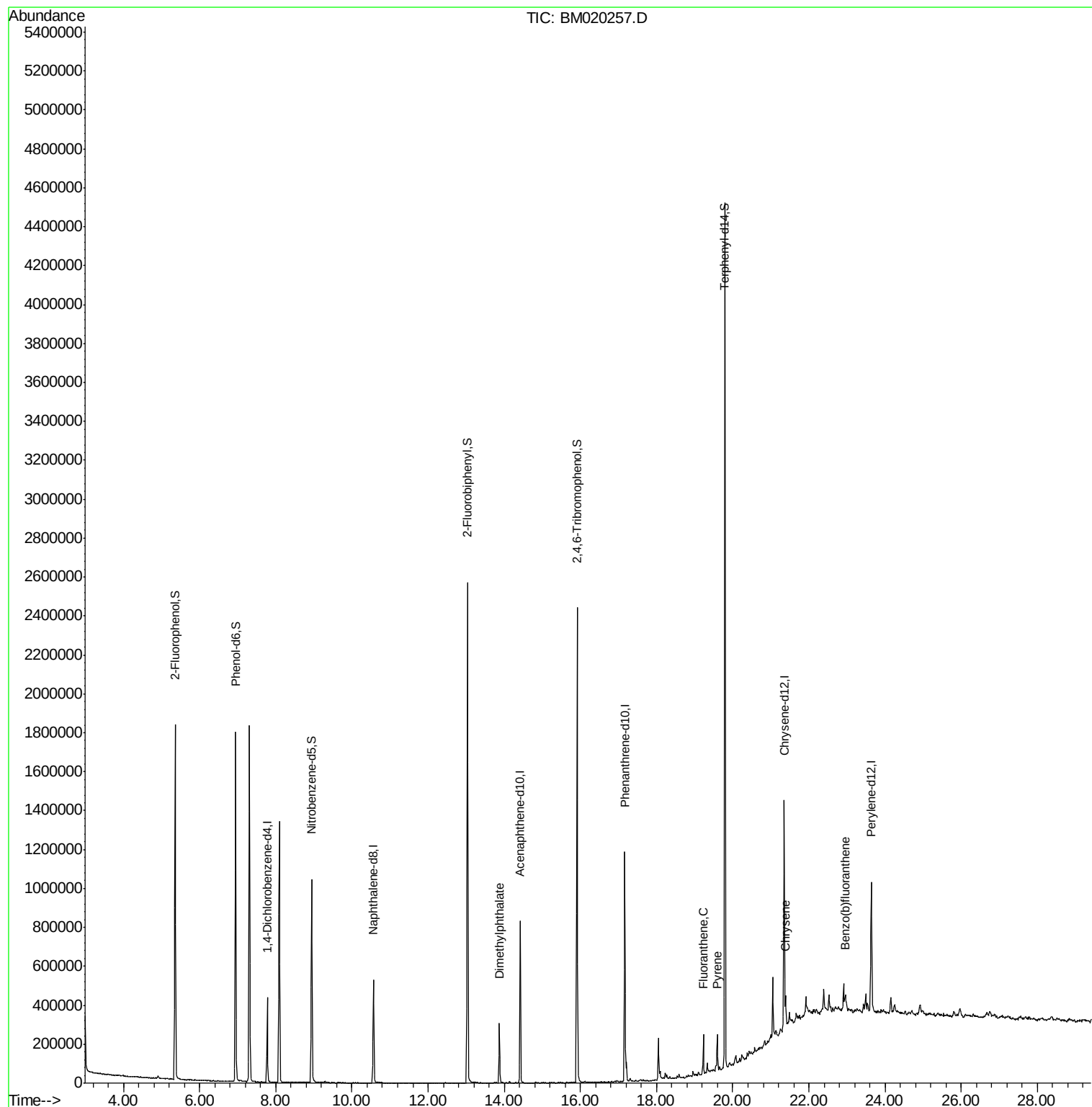
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	111333	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	427978	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	277395	20.00	ng	-0.02
64) Phenanthrene-d10	17.17	188	664858	20.00	ng	-0.01
76) Chrysene-d12	21.35	240	517500	20.00	ng	-0.02
87) Perylene-d12	23.64	264	506474	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	708527	104.03	ng	-0.01
7) Phenol-d6	6.95	99	1000129	107.48	ng	0.00
23) Nitrobenzene-d5	8.94	82	689901	63.64	ng	-0.02
42) 2,4,6-Tribromophenol	15.92	330	477965	111.01	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1347577	59.77	ng	-0.02
79) Terphenyl-d14	19.79	244	2132375	71.87	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.87	163	185249	7.857	ng	98
75) Fluoranthene	19.23	202	120229	2.589	ng	98
78) Pyrene	19.59	202	113858	3.277	ng	99
83) Chrysene	21.39	228	84341	2.396	ng	100
88) Benzo(b)fluoranthene	22.95	252	70122	2.097	ng	# 88

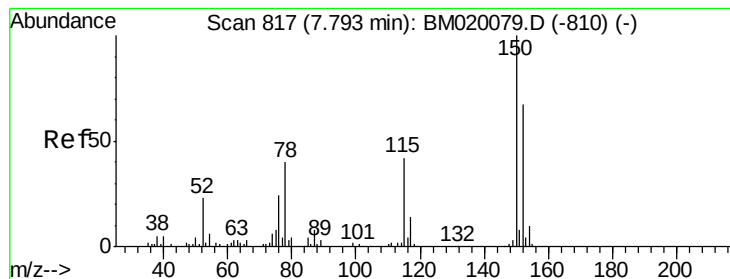
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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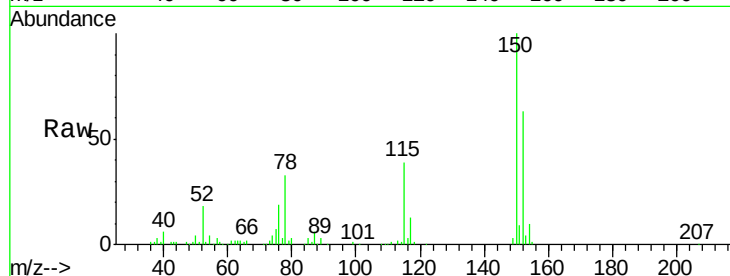


#1

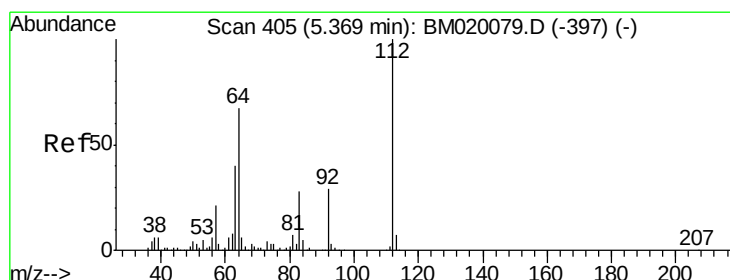
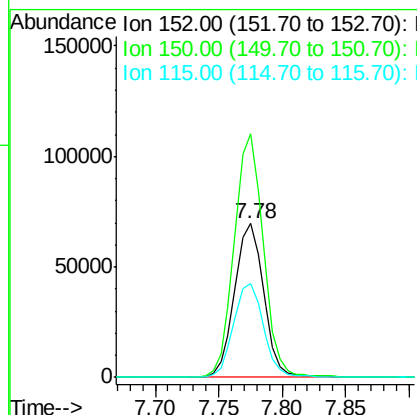
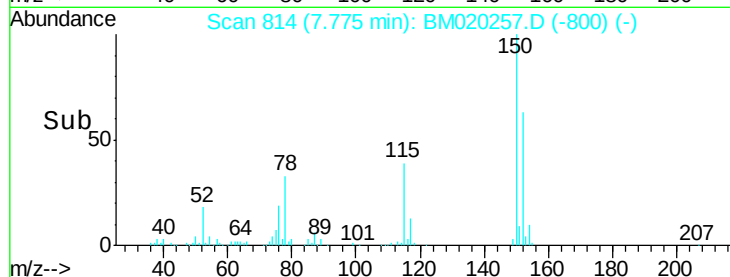
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020257.D
Acq: 11 May 2019 02:06

Instrument :
BNA_M
ClientSampleId :
RT-3456

Tgt Ion:152 Resp: 111333
Ion Ratio Lower Upper
152 100
150 158.3 119.8 179.8
115 61.1 50.8 76.2



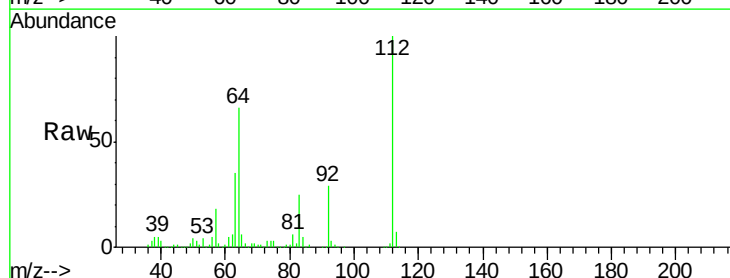
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



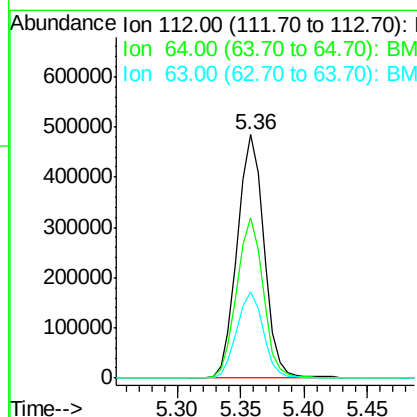
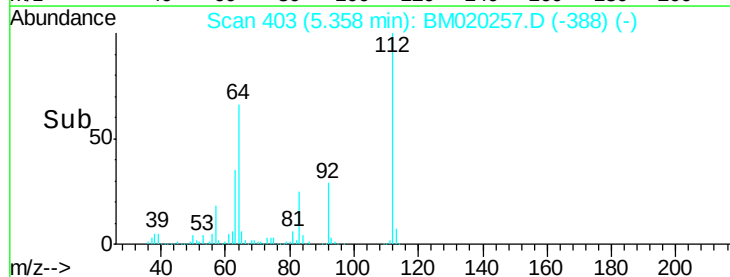
#5

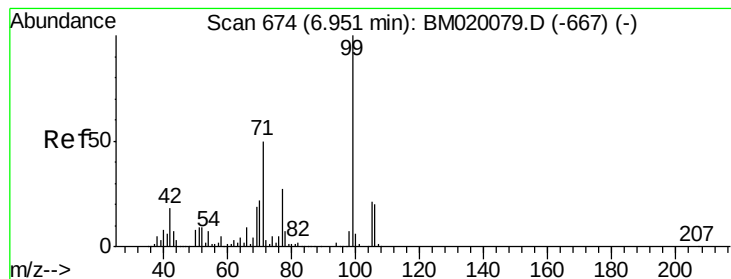
2-Fluorophenol
Concen: 104.026 ng
RT: 5.36 min Scan# 403
Delta R.T. -0.01 min
Lab File: BM020257.D
Acq: 11 May 2019 02:06

Tgt Ion:112 Resp: 708527
Ion Ratio Lower Upper
112 100
64 65.9 53.8 80.6
63 35.2 32.3 48.5



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: 107.485 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020257.D

Acq: 11 May 2019 02:06

Instrument :

BNA_M

ClientSampleId :

RT-3456

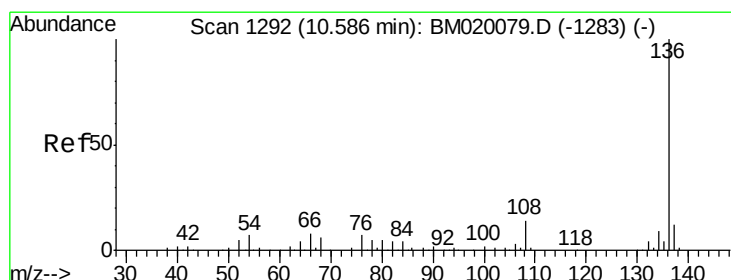
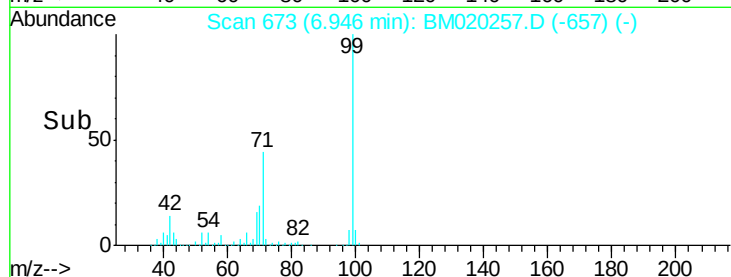
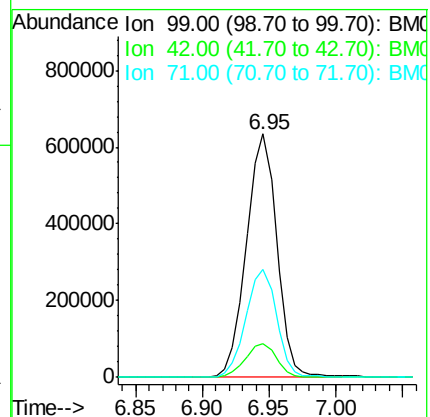
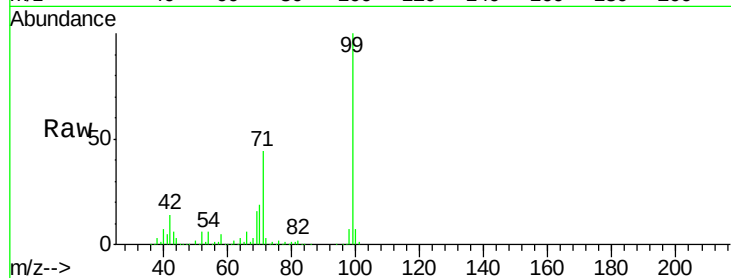
Tgt Ion: 99 Resp: 1000129

Ion Ratio Lower Upper

99 100

42 14.1 14.2 21.2#

71 44.1 40.3 60.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BM020257.D

Acq: 11 May 2019 02:06

Tgt Ion: 136 Resp: 427978

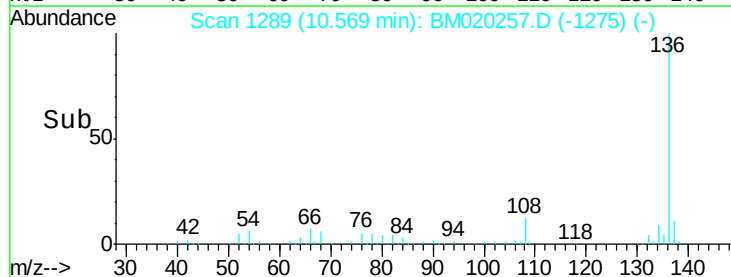
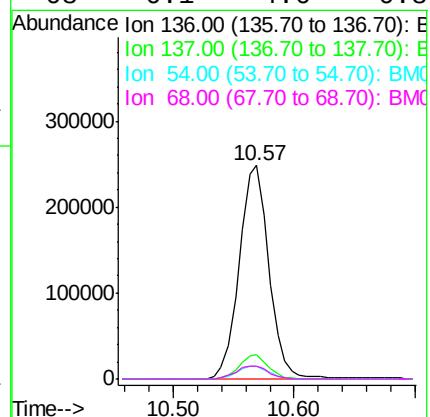
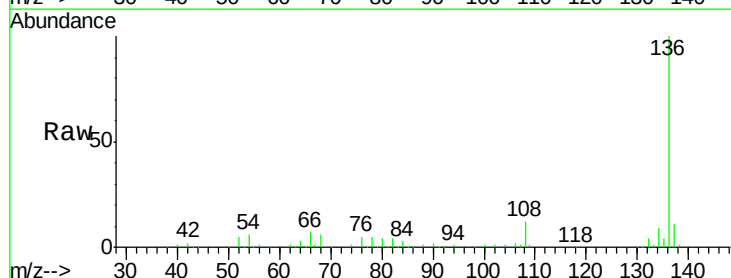
Ion Ratio Lower Upper

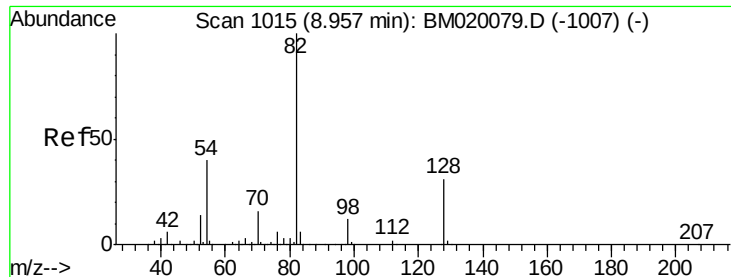
136 100

137 11.2 9.6 14.4

54 6.0 5.5 8.3

68 6.1 4.6 6.8

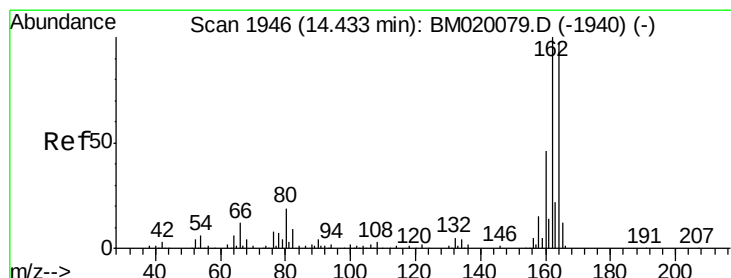
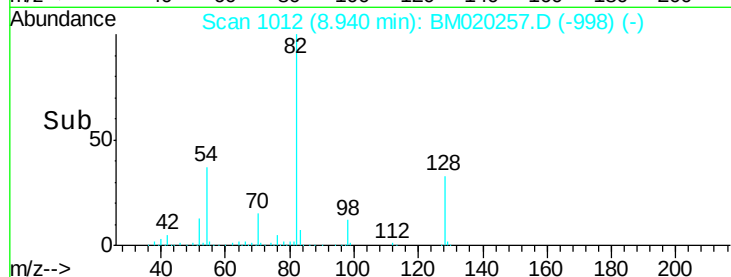
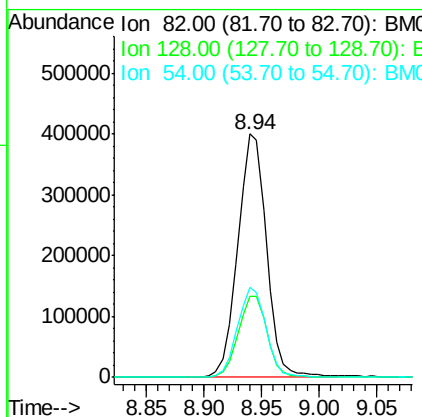
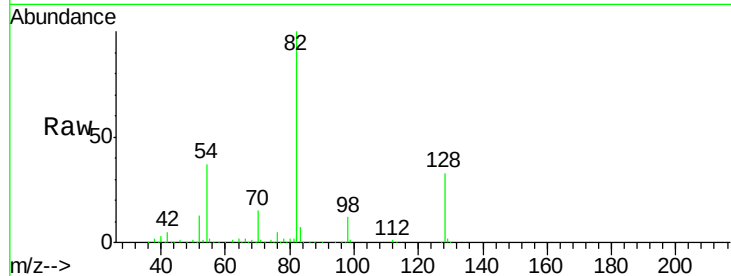




#23
 Nitrobenzene-d5
 Concen: 63.642 ng
 RT: 8.94 min Scan# 1012
 Delta R.T. -0.02 min
 Lab File: BM020257.D
 Acq: 11 May 2019 02:06

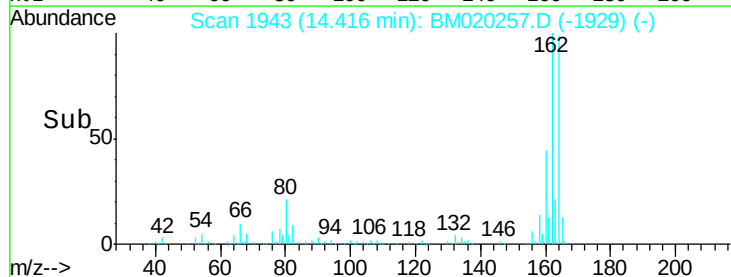
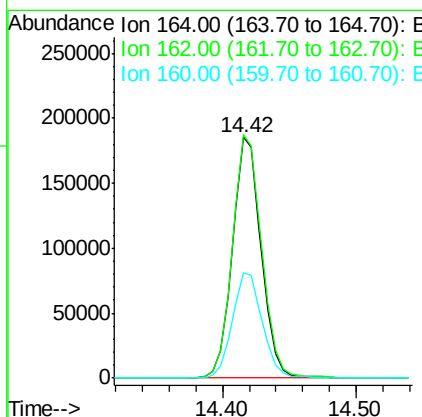
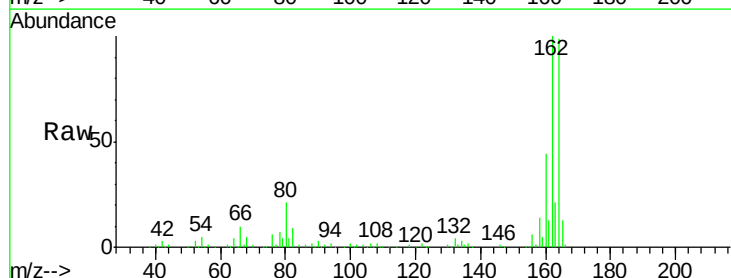
Instrument :
 BNA_M
 ClientSampleId :
 RT-3456

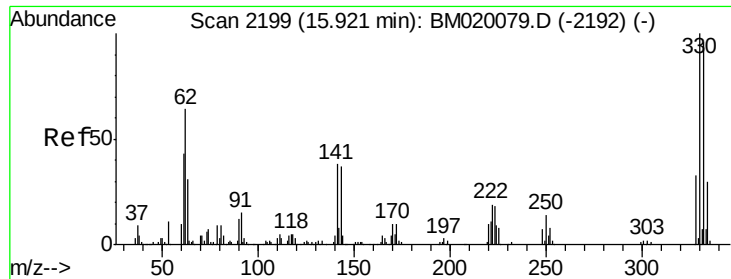
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.4	25.2	37.8
54	36.8	31.9	47.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.42 min Scan# 1943
 Delta R.T. -0.02 min
 Lab File: BM020257.D
 Acq: 11 May 2019 02:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.2	123.2
160	44.0	37.6	56.4

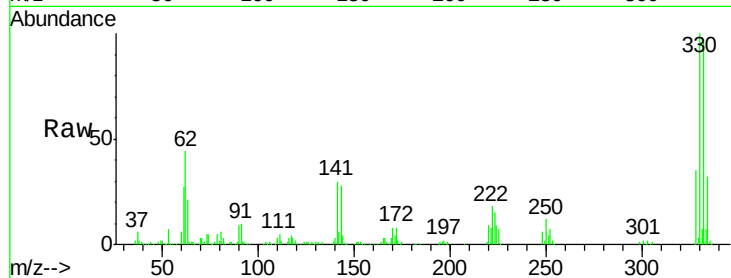




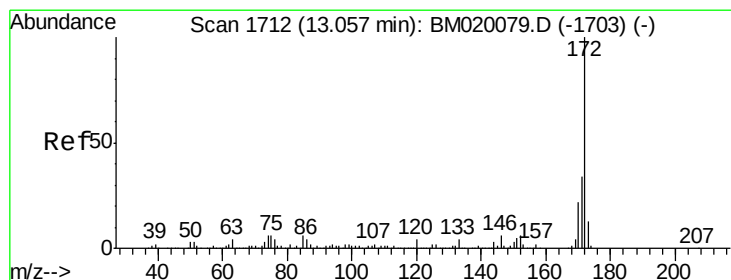
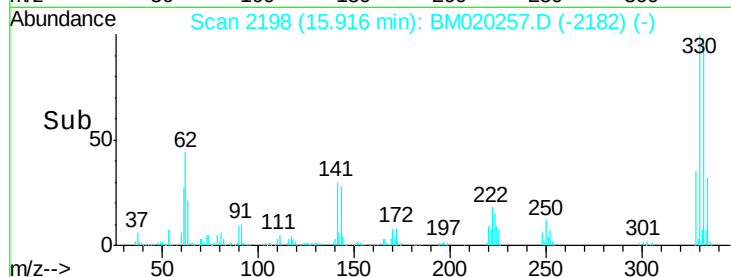
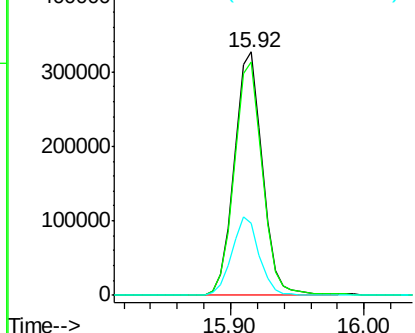
#42
 2,4,6-Tribromophenol
 Concen: 111.008 ng
 RT: 15.92 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BM020257.D
 Acq: 11 May 2019 02:06

Instrument :
 BNA_M
 ClientSampleId :
 RT-3456

Tgt Ion:330 Resp: 477965
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.8 115.2
 141 31.8 29.2 43.8

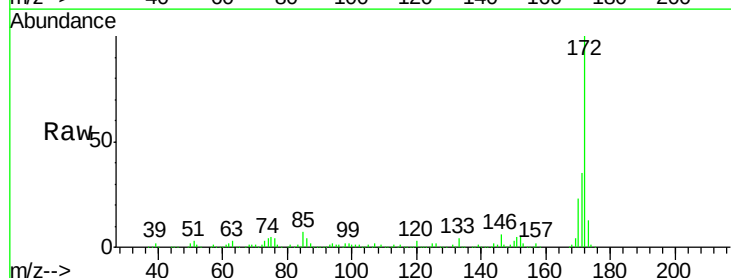


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

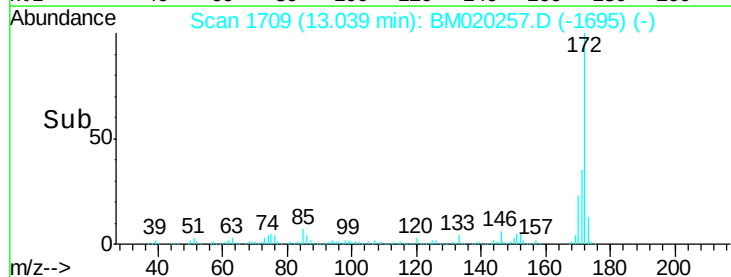
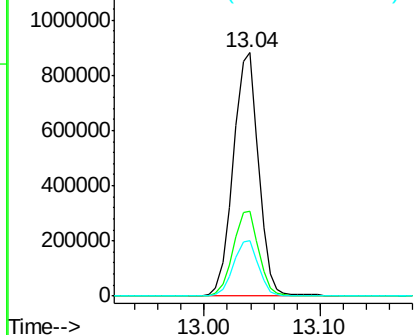


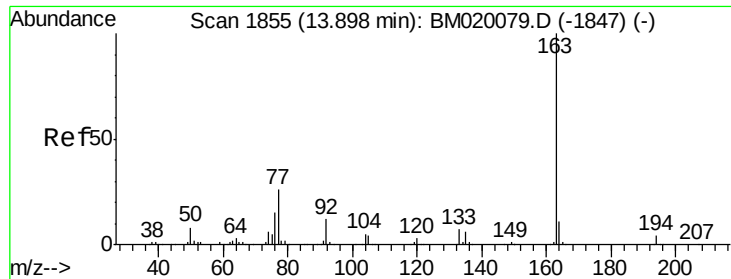
#45
 2-Fluorobiphenyl
 Concen: 59.771 ng
 RT: 13.04 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BM020257.D
 Acq: 11 May 2019 02:06

Tgt Ion:172 Resp: 1347577
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.3 40.9
 170 22.9 17.9 26.9



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: 7.857 ng

RT: 13.87 min Scan# 1851

Delta R.T. -0.02 min

Lab File: BM020257.D

Acq: 11 May 2019 02:06

Instrument :

BNA_M

ClientSampleId :

RT-3456

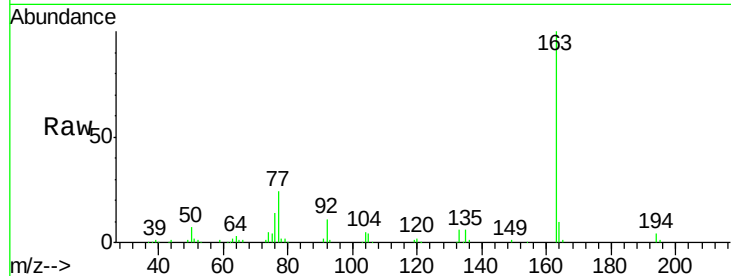
Tgt Ion:163 Resp: 185249

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

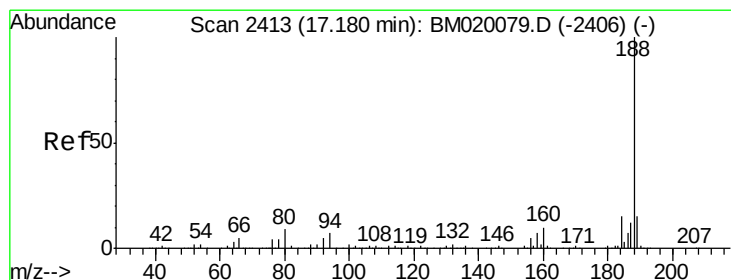
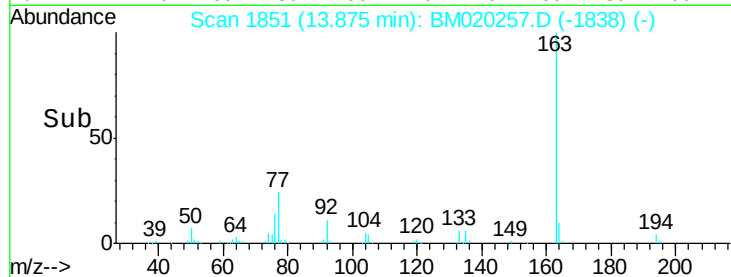
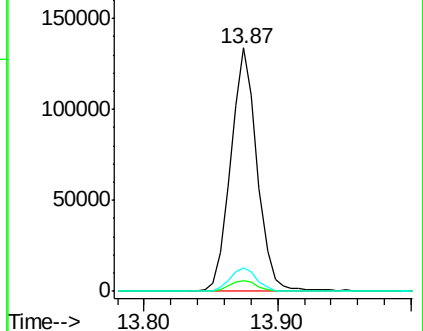
164 9.7 8.4 12.6



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: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM020257.D

Acq: 11 May 2019 02:06

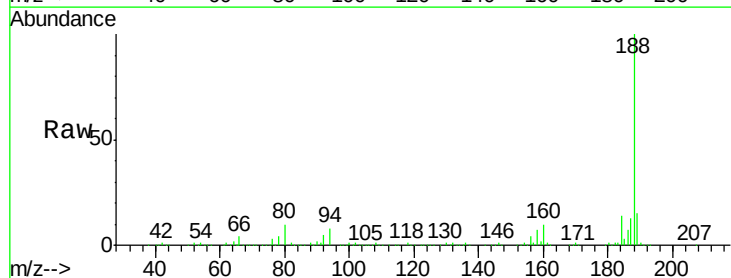
Tgt Ion:188 Resp: 664858

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.6

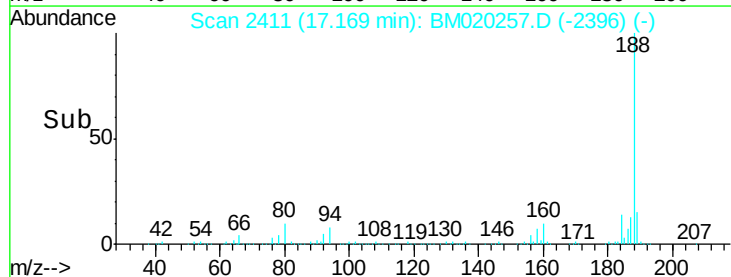
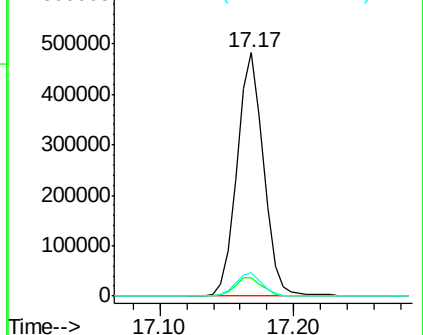
80 9.6 7.4 11.2

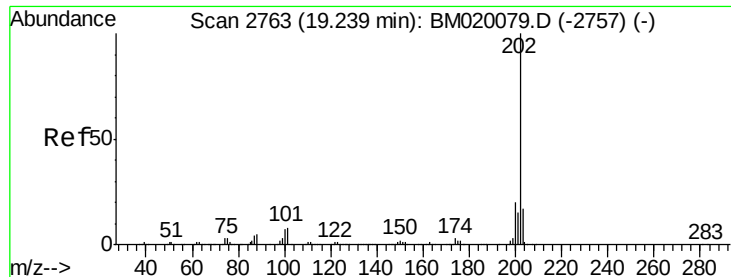


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Fluoranthene

Concen: 2.589 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BM020257.D

Acq: 11 May 2019 02:06

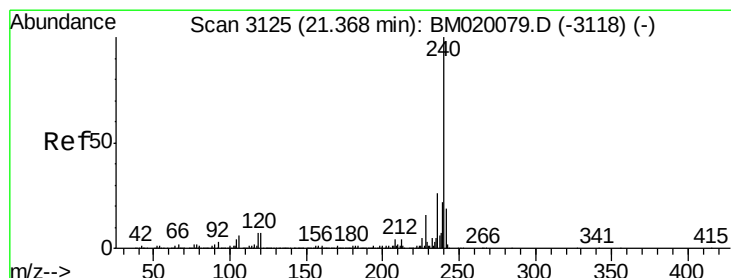
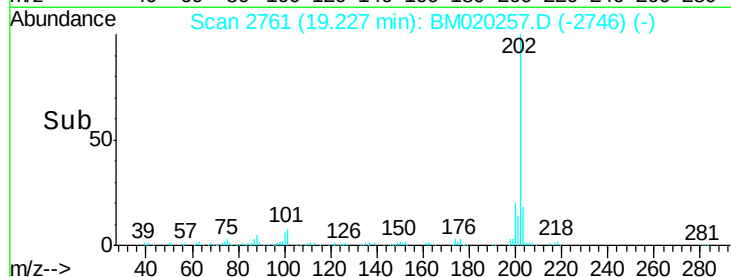
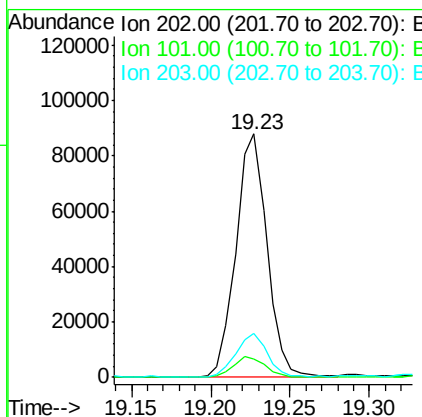
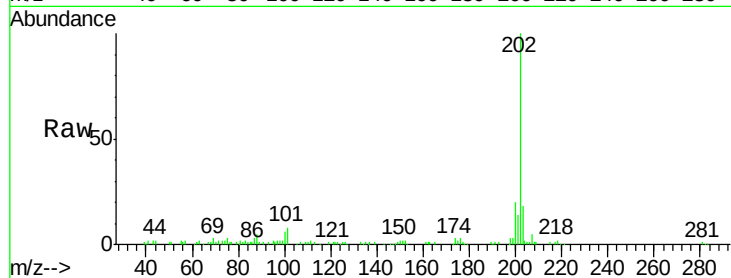
Instrument :

BNA_M

ClientSampleId :

RT-3456

Tgt Ion:	202	Resp:	120229
Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	28.4
203	18.3	0.0	37.4



#76

Chrysene-d12

Concen: 20.000 ng

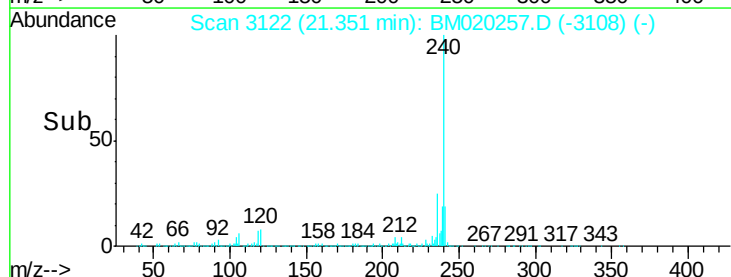
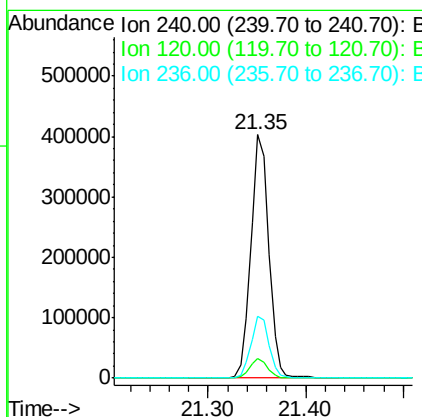
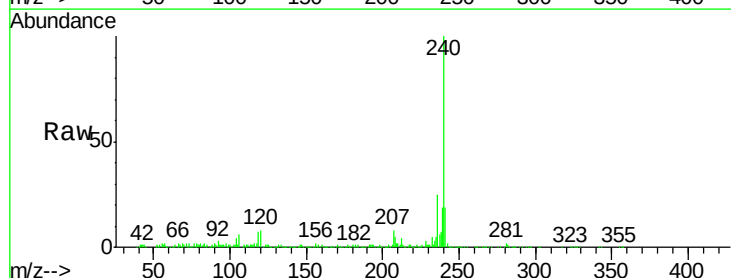
RT: 21.35 min Scan# 3122

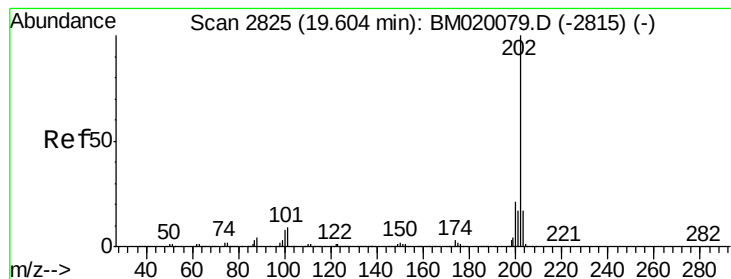
Delta R.T. -0.02 min

Lab File: BM020257.D

Acq: 11 May 2019 02:06

Tgt Ion:	240	Resp:	517500
Ion	Ratio	Lower	Upper
240	100		
120	8.2	5.6	8.4
236	25.2	20.9	31.3





#78

Pyrene

Concen: 3.277 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM020257.D

Acq: 11 May 2019 02:06

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RT-3456

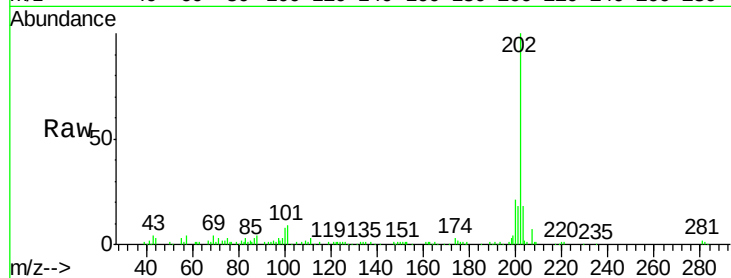
Tgt Ion:202 Resp: 113858

Ion Ratio Lower Upper

202 100

200 21.0 16.5 24.7

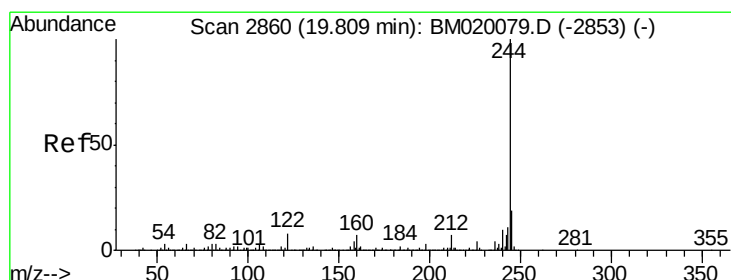
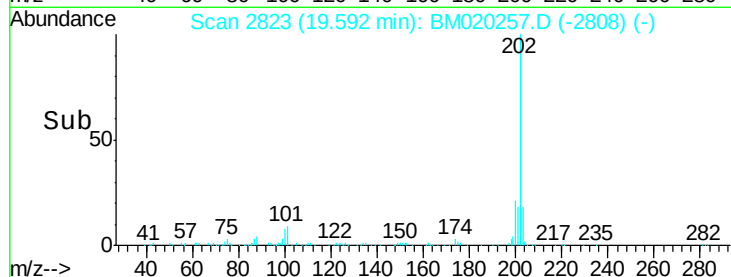
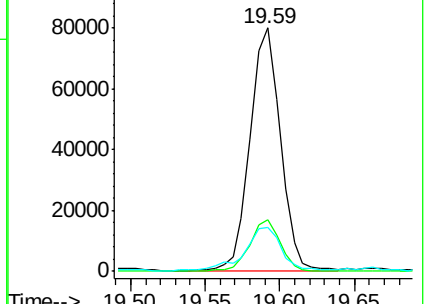
203 18.0 13.9 20.9



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: 71.871 ng

RT: 19.79 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BM020257.D

Acq: 11 May 2019 02:06

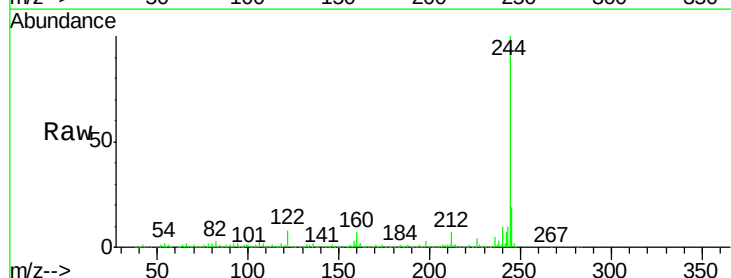
Tgt Ion:244 Resp: 2132375

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

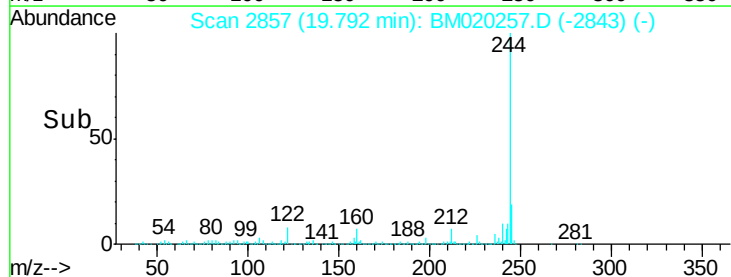
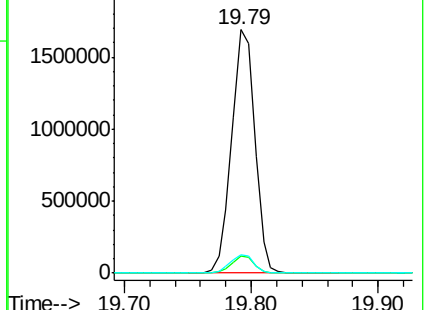
122 7.7 6.2 9.2

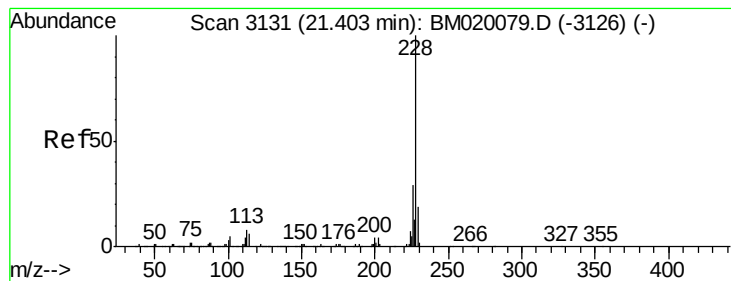


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Chrysene

Concen: 2.396 ng

RT: 21.39 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BM020257.D

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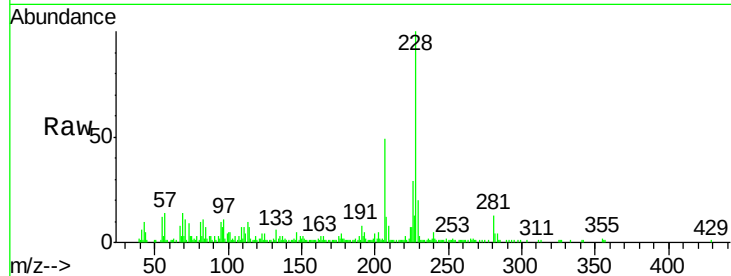
Tgt Ion:228 Resp: 84341

Ion Ratio Lower Upper

228 100

226 28.5 23.0 34.6

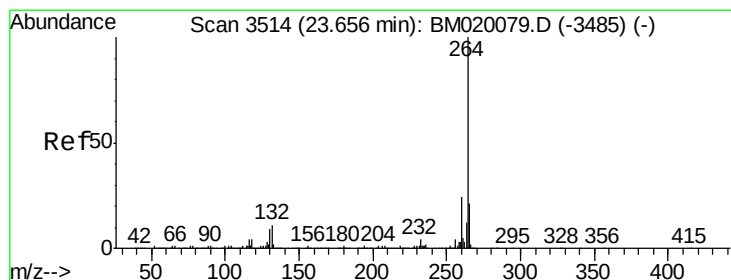
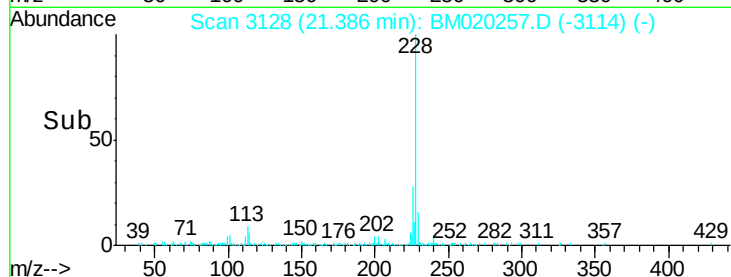
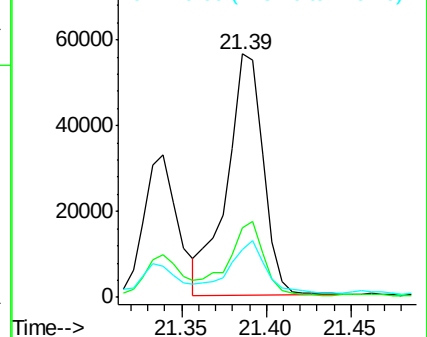
229 19.6 15.5 23.3



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: 23.64 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BM020257.D

Acq: 11 May 2019 02:06

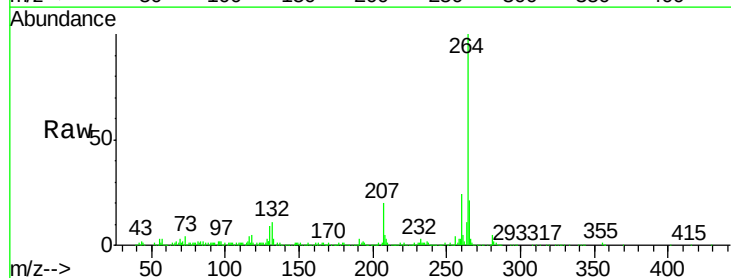
Tgt Ion:264 Resp: 506474

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

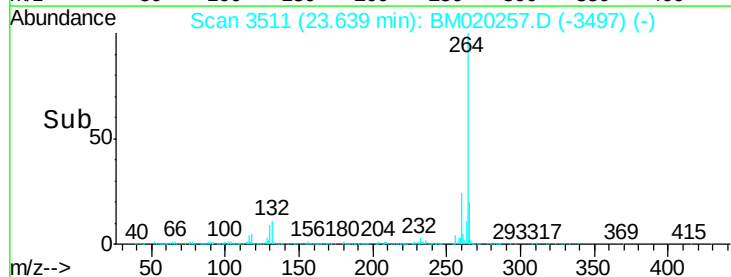
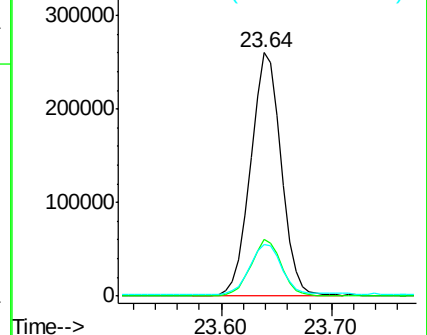
265 21.0 16.9 25.3

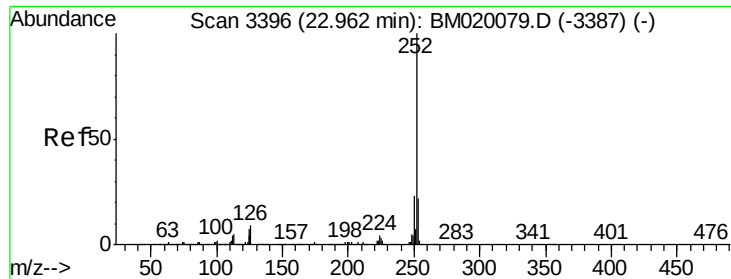


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.097 ng

RT: 22.95 min Scan# 3394

Delta R.T. -0.01 min

Lab File: BM020257.D

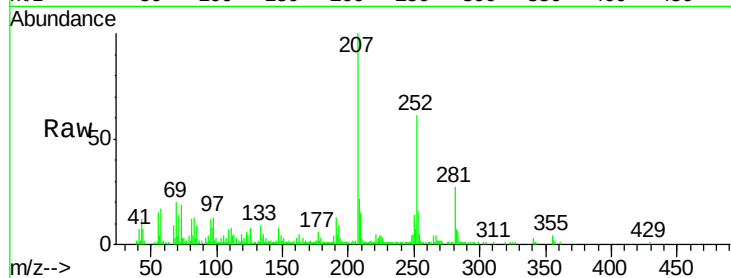
Acq: 11 May 2019 02:06

Instrument :

BNA_M

ClientSampleId :

RT-3456



Tgt Ion: 252 Resp: 70122

Ion Ratio Lower Upper

252 100

253 26.6 17.5 26.3#

125 13.5 5.4 8.2#

