

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051119\
 Data File : BM020283.D
 Acq On : 11 May 2019 21:32
 Operator : JU/SJ
 Sample : K2801-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT-3456

Quant Time: May 12 04:21:41 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

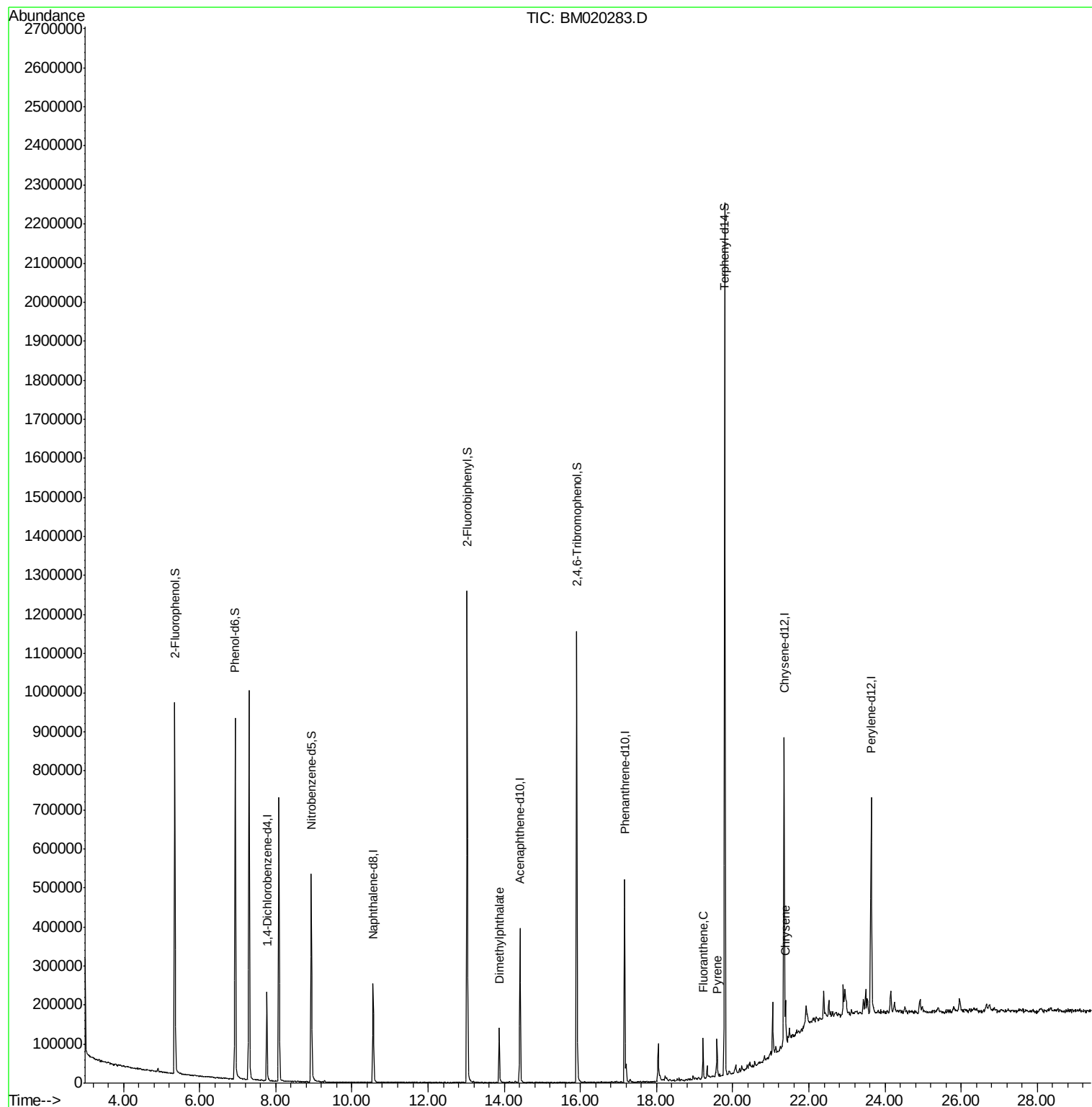
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	61822	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	212299	20.00	ng	-0.03
39) Acenaphthene-d10	14.41	164	130375	20.00	ng	-0.02
64) Phenanthrene-d10	17.16	188	315265	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	351373	20.00	ng	-0.02
87) Perylene-d12	23.64	264	416796	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	383175	101.31	ng	-0.02
7) Phenol-d6	6.93	99	515412	99.75	ng	-0.02
23) Nitrobenzene-d5	8.93	82	351128	65.30	ng	-0.02
42) 2,4,6-Tribromophenol	15.90	330	220758	109.09	ng	-0.02
45) 2-Fluorobiphenyl	13.03	172	648340	61.18	ng	-0.03
79) Terphenyl-d14	19.79	244	1107131	54.96	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.87	163	87722	7.917	ng	99
75) Fluoranthene	19.22	202	62052	2.818	ng	98
78) Pyrene	19.59	202	60940	2.583	ng	97
83) Chrysene	21.39	228	57757	2.417	ng	97

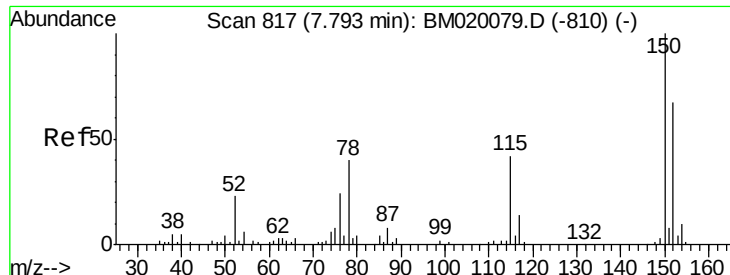
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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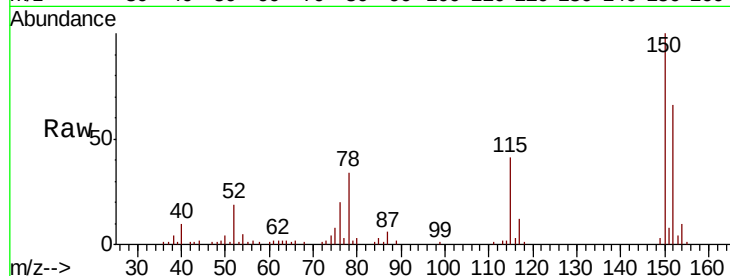


#1

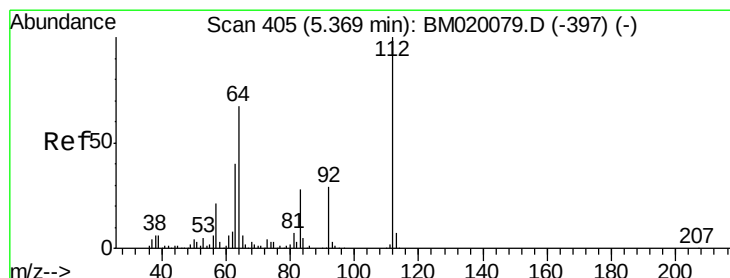
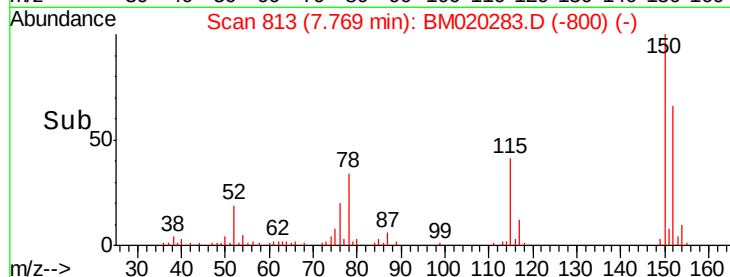
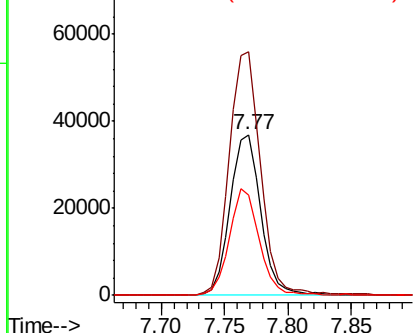
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 813
Delta R.T. -0.02 min
Lab File: BM020283.D
Acq: 11 May 2019 21:32

Instrument :
BNA_M
ClientSampleId :
RT-3456

Tot Ion:152 Resp: 61822
Ion Ratio Lower Upper
152 100
150 151.4 119.8 179.8
115 62.5 50.8 76.2



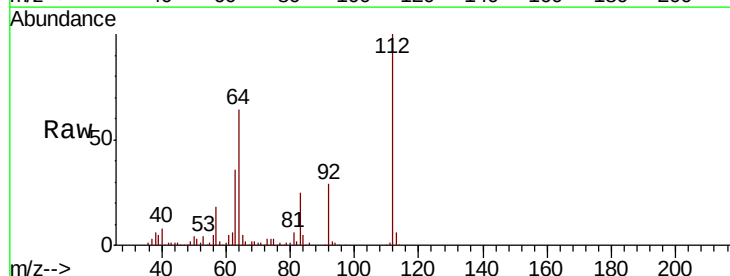
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



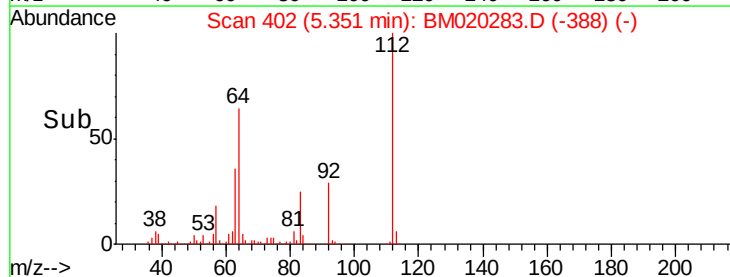
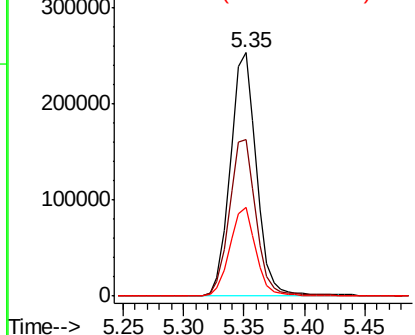
#5

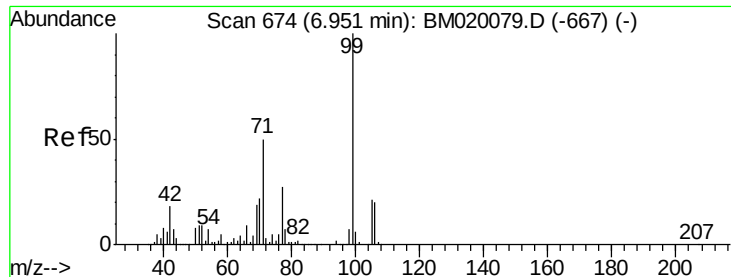
2-Fluorophenol
Concen: 101.313 ng
RT: 5.35 min Scan# 402
Delta R.T. -0.02 min
Lab File: BM020283.D
Acq: 11 May 2019 21:32

Tgt Ion:112 Resp: 383175
Ion Ratio Lower Upper
112 100
64 64.5 53.8 80.6
63 36.2 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: 99.753 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM020283.D

Acq: 11 May 2019 21:32

Instrument :

BNA_M

ClientSampleId :

RT-3456

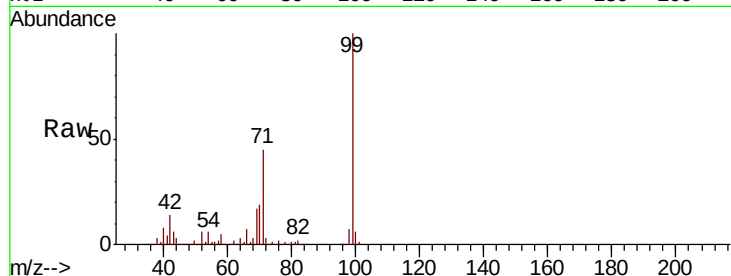
Tot Ion: 99 Resp: 515412

Ion Ratio Lower Upper

99 100

42 13.9 14.2 21.2#

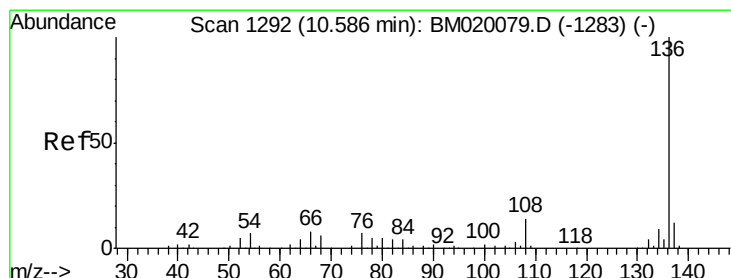
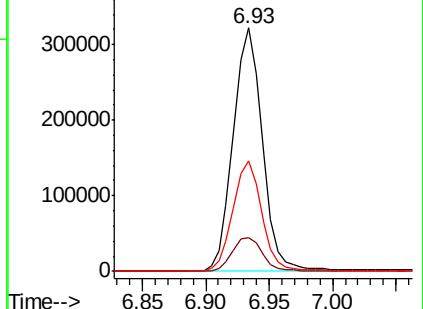
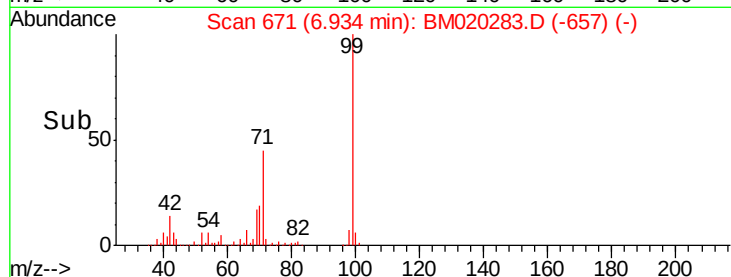
71 45.4 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.56 min Scan# 1287

Delta R.T. -0.03 min

Lab File: BM020283.D

Acq: 11 May 2019 21:32

Tgt Ion: 136 Resp: 212299

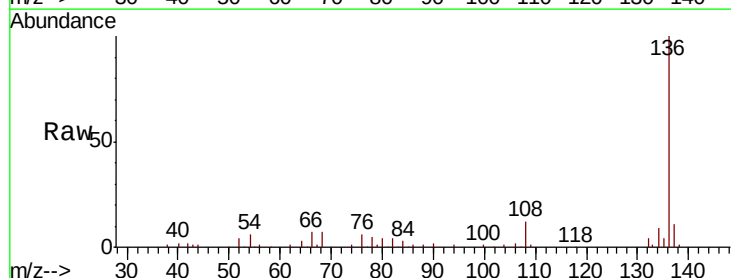
Ion Ratio Lower Upper

136 100

137 10.8 9.6 14.4

54 6.5 5.5 8.3

68 6.8 4.6 6.8#

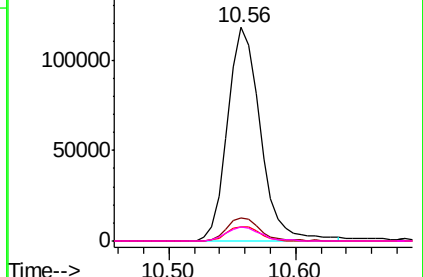
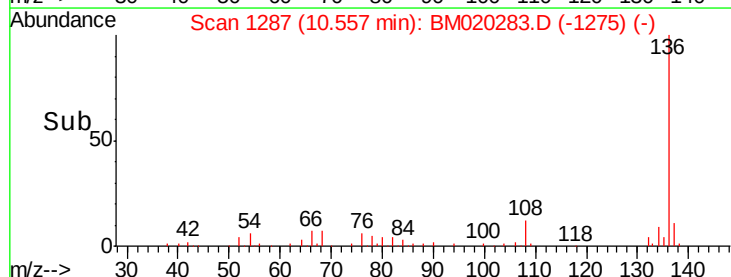


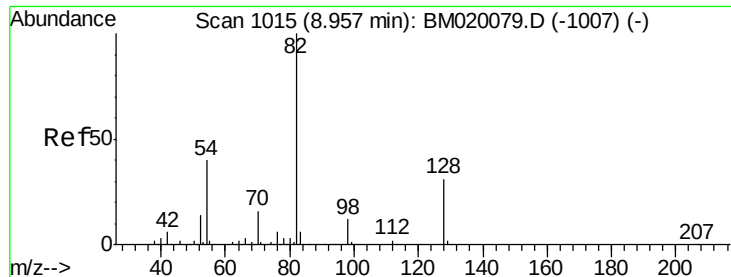
Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

Ion 137.00 (136.70 to 137.70): BM020079.D (-1283) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020079.D (-1283) (-)

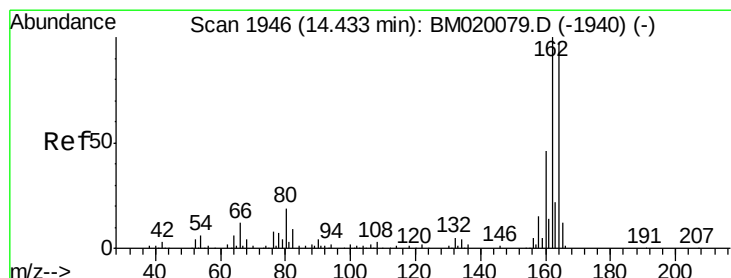
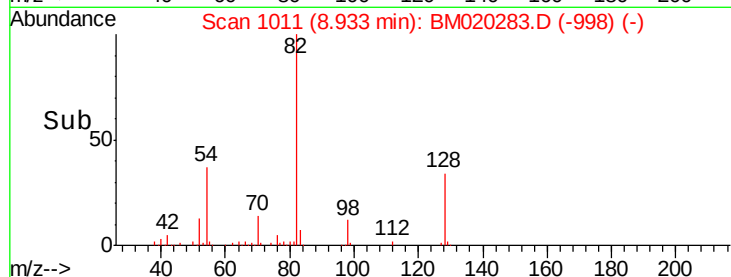
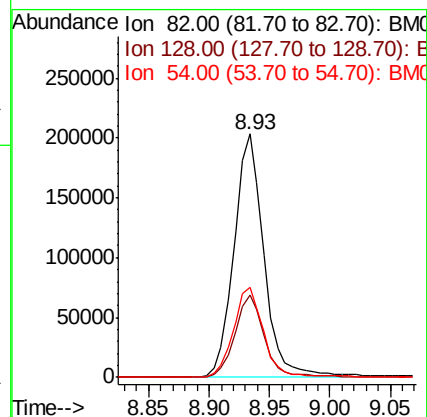
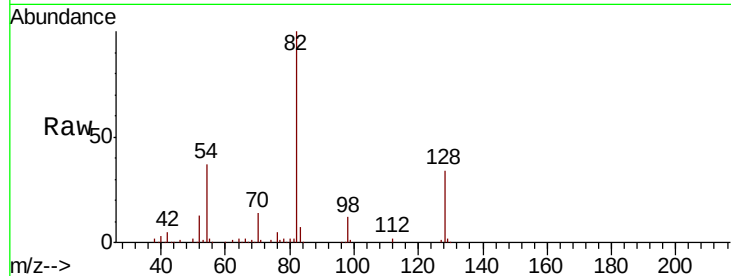




#23
Nitrobenzene-d5
Concen: 65.297 ng
RT: 8.93 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BM020283.D
Acq: 11 May 2019 21:32

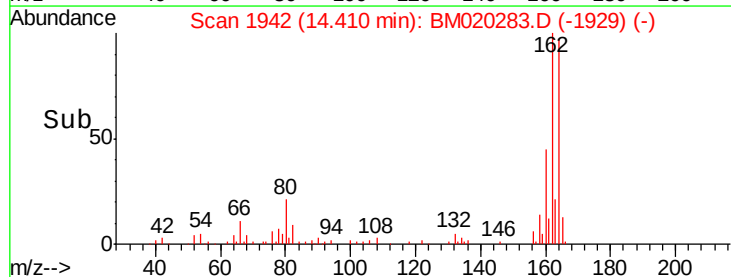
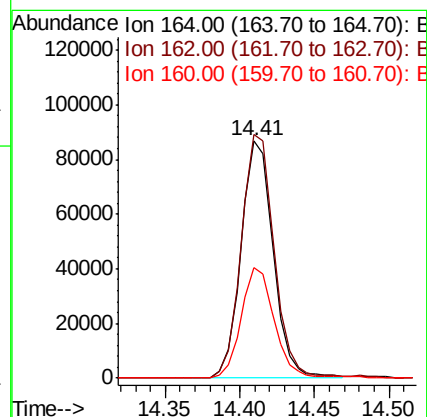
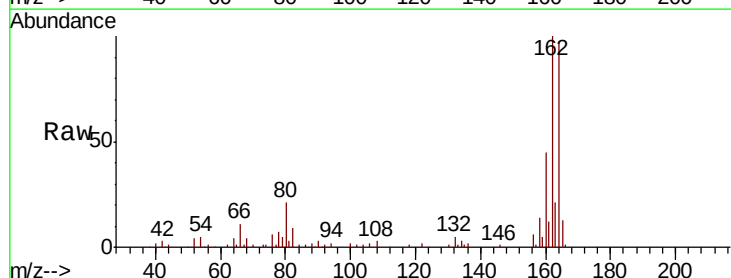
Instrument :
BNA_M
ClientSampled :
RT-3456

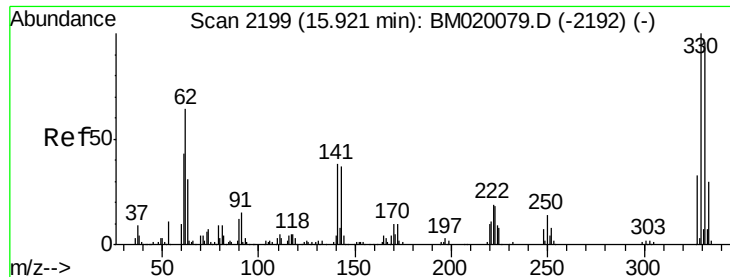
Tot Ion	82	Resp	351128
Ion Ratio	100	Lower	Upper
128	33.6	25.2	37.8
54	36.8	31.9	47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BM020283.D
Acq: 11 May 2019 21:32

Tgt Ion	164	Resp	130375
Ion Ratio	100	Lower	Upper
162	102.6	82.2	123.2
160	46.6	37.6	56.4

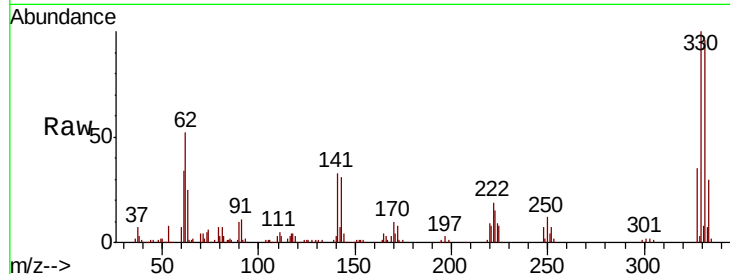




#42
 2,4,6-Tribromophenol
 Concen: 109.088 ng
 RT: 15.90 min Scan# 2196
 Delta R.T. -0.02 min
 Lab File: BM020283.D
 Acq: 11 May 2019 21:32

Instrument :
 BNA_M
 ClientSampleId :
 RT-3456

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.8	115.2
141	33.1	29.2	43.8

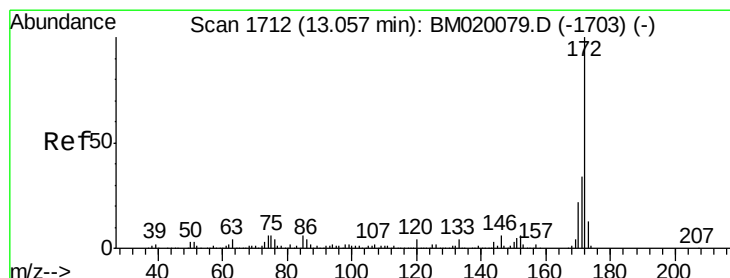
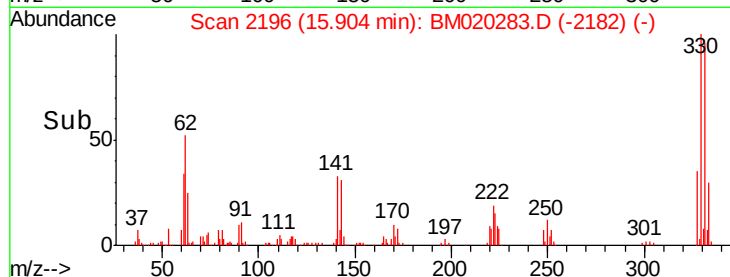
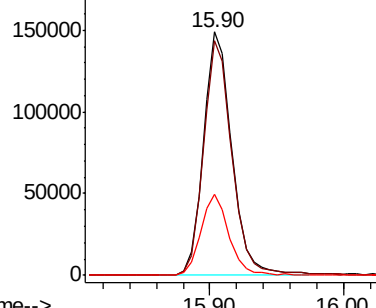


Abundance

Ion 329.80 (329.50 to 330.50): E

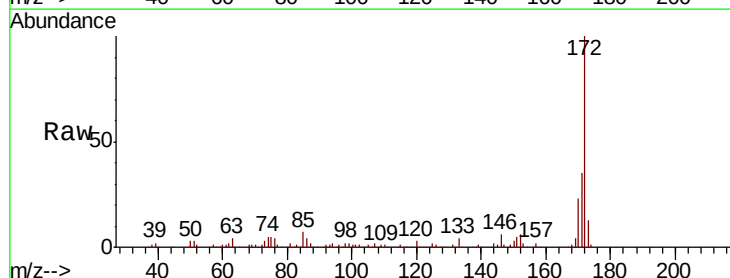
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 61.185 ng
 RT: 13.03 min Scan# 1707
 Delta R.T. -0.03 min
 Lab File: BM020283.D
 Acq: 11 May 2019 21:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.3	40.9
170	23.1	17.9	26.9

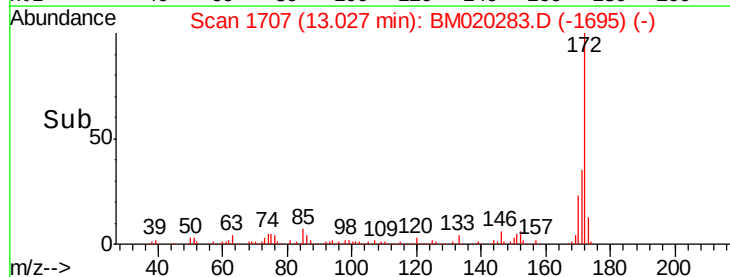
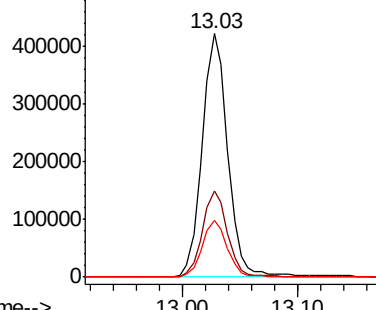


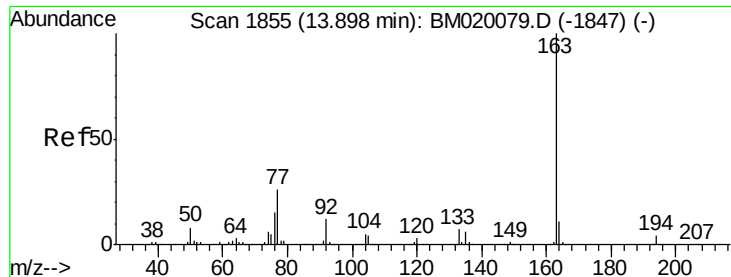
Abundance

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: 7.917 ng

RT: 13.87 min Scan# 1850

Delta R.T. -0.03 min

Lab File: BM020283.D

Acq: 11 May 2019 21:32

Instrument :

BNA_M

ClientSampleId :

RT-3456

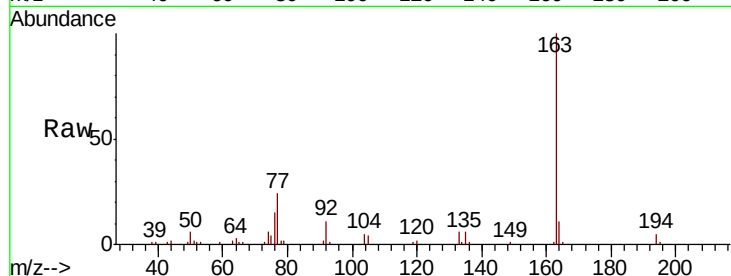
Tot Ion:163 Resp: 87722

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

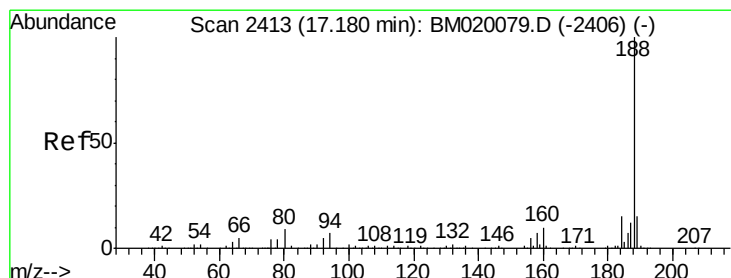
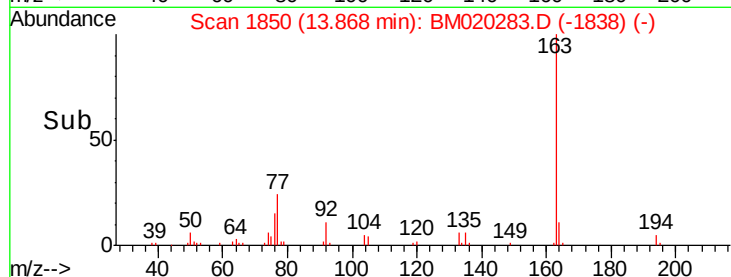
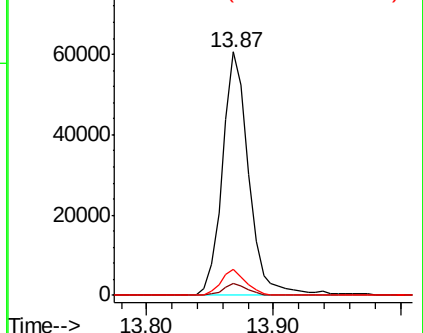
164 10.8 8.4 12.6



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: 17.16 min Scan# 2410

Delta R.T. -0.02 min

Lab File: BM020283.D

Acq: 11 May 2019 21:32

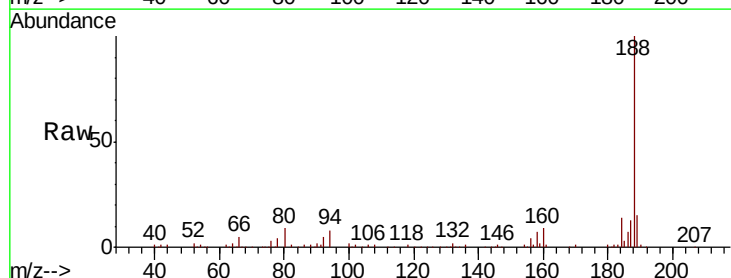
Tgt Ion:188 Resp: 315265

Ion Ratio Lower Upper

188 100

94 7.8 5.8 8.6

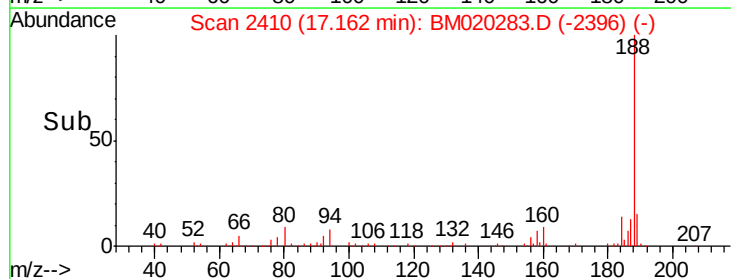
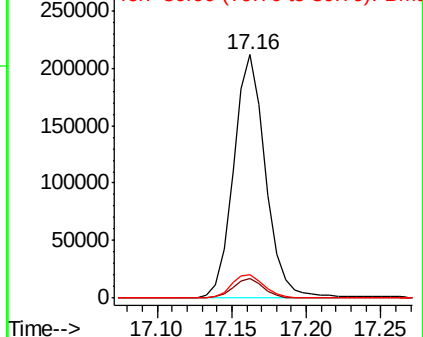
80 9.5 7.4 11.2

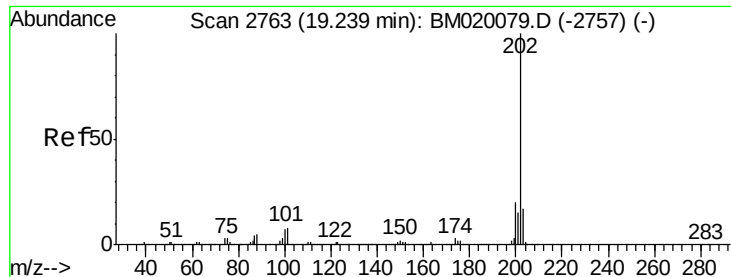


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Fluoranthene

Concen: 2.818 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BM020283.D

Acq: 11 May 2019 21:32

Instrument :

BNA_M

ClientSampleId :

RT-3456

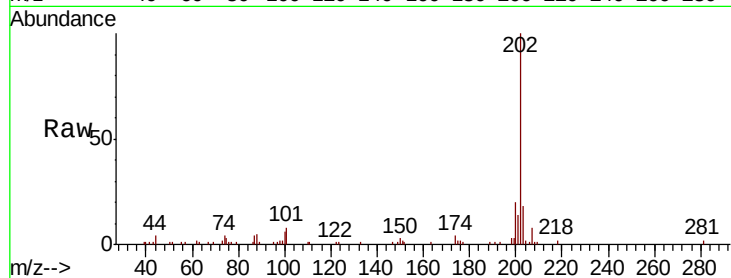
Tot Ion:202 Resp: 62052

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.4

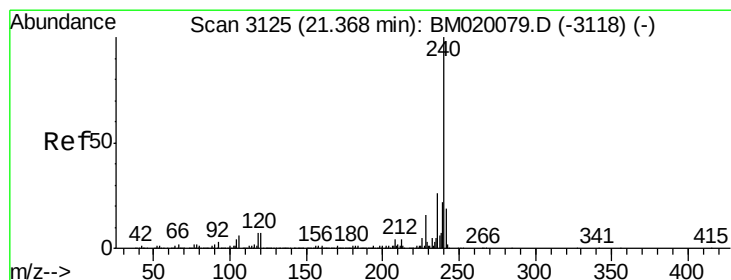
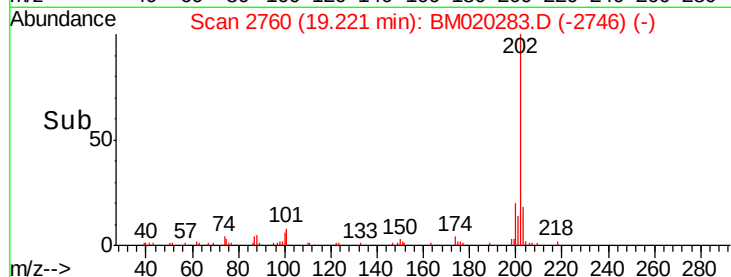
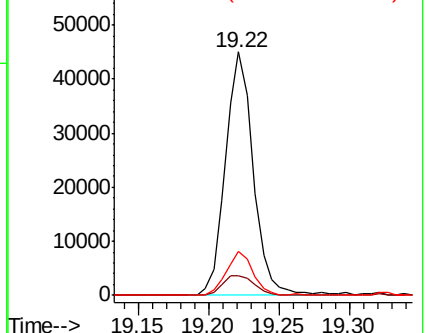
203 18.3 0.0 37.4



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: 21.35 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BM020283.D

Acq: 11 May 2019 21:32

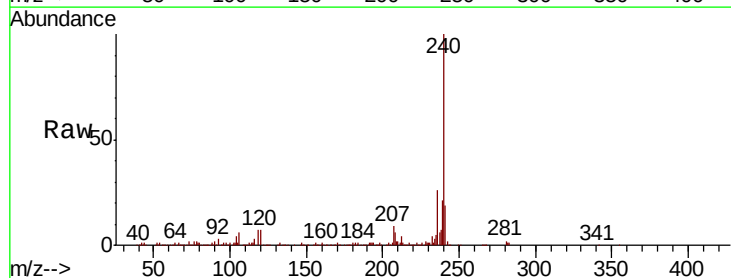
Tgt Ion:240 Resp: 351373

Ion Ratio Lower Upper

240 100

120 7.5 5.6 8.4

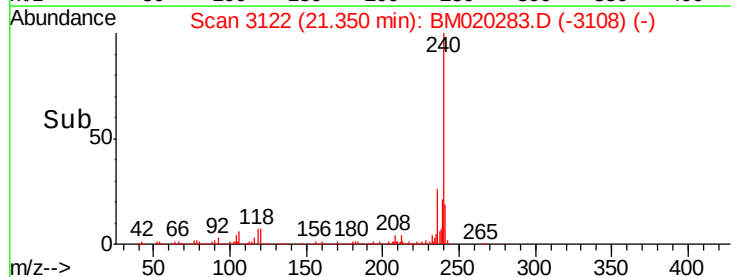
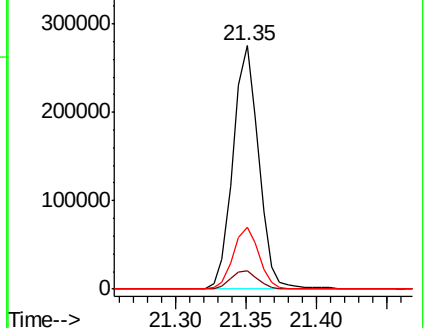
236 25.5 20.9 31.3

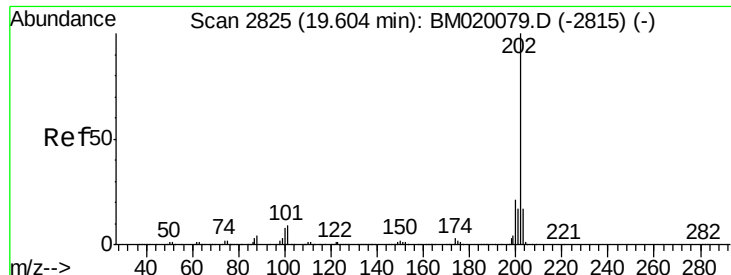


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.583 ng

RT: 19.59 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM020283.D

Acq: 11 May 2019 21:32

Instrument :

BNA_M

ClientSampleId :

RT-3456

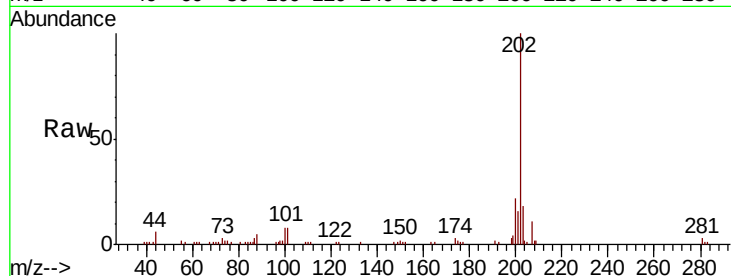
Tot Ion:202 Resp: 60940

Ion Ratio Lower Upper

202 100

200 22.3 16.5 24.7

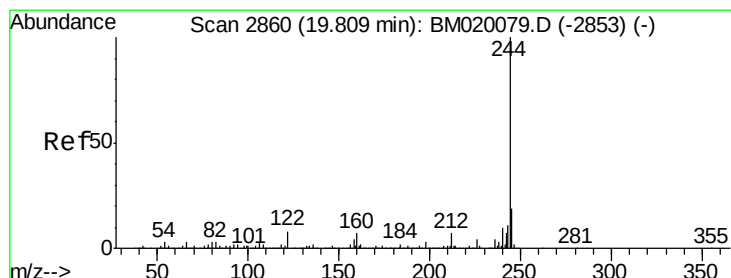
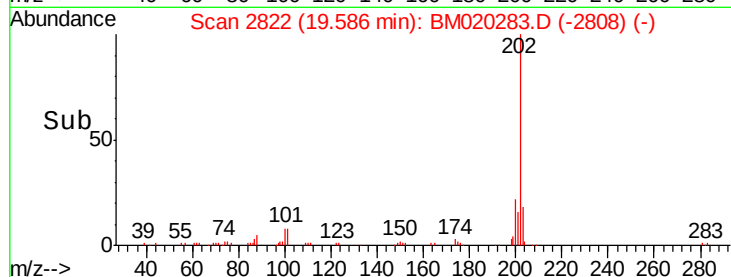
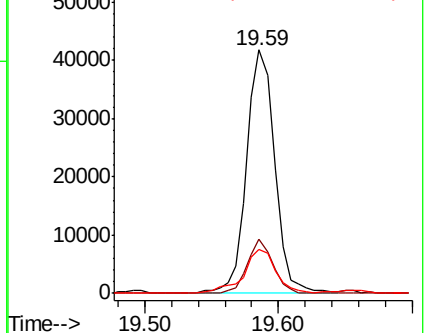
203 18.0 13.9 20.9



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: 54.958 ng

RT: 19.79 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BM020283.D

Acq: 11 May 2019 21:32

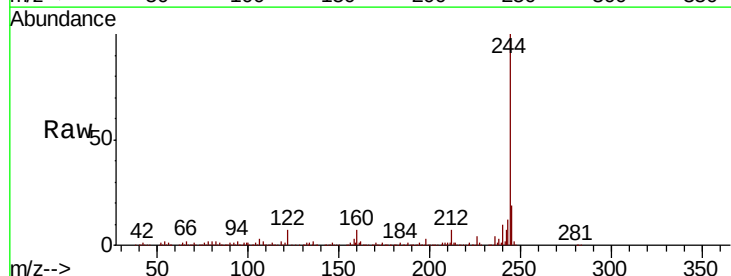
Tgt Ion:244 Resp: 1107131

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

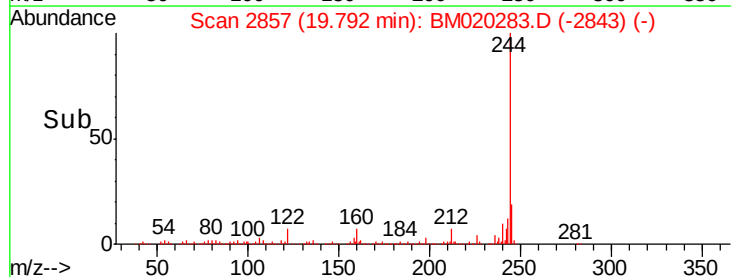
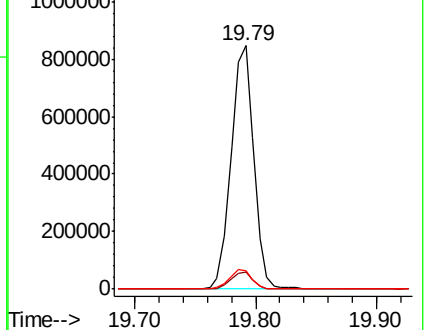
122 7.3 6.2 9.2

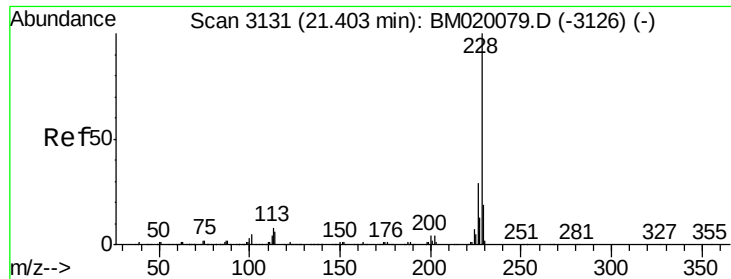


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

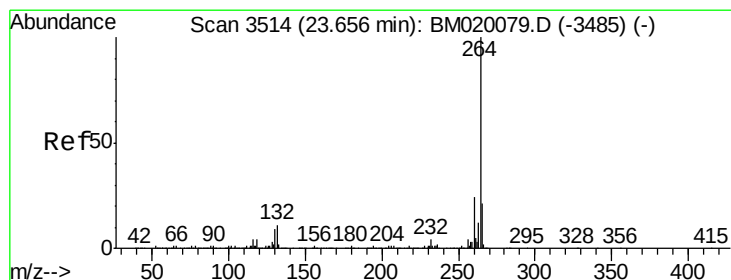
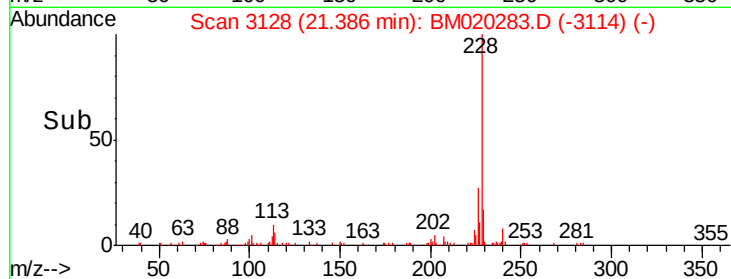
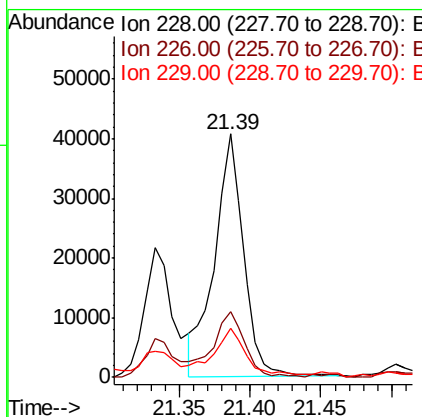
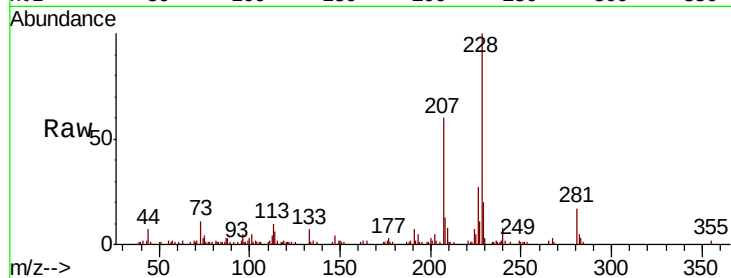




#83
Chrysene
Concen: 2.417 ng
RT: 21.39 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BM020283.D
Acq: 11 May 2019 21:32

Instrument :
BNA_M
ClientSampled :
RT-3456

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	23.0	34.6
229	20.4	15.5	23.3



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM020283.D
Acq: 11 May 2019 21:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.5	16.9	25.3

