

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
 Data File : BM020169.D
 Acq On : 07 May 2019 17:38
 Operator : JU/SJ
 Sample : K2635-03RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AU-05-050219-BRE

Quant Time: May 07 18:16:21 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

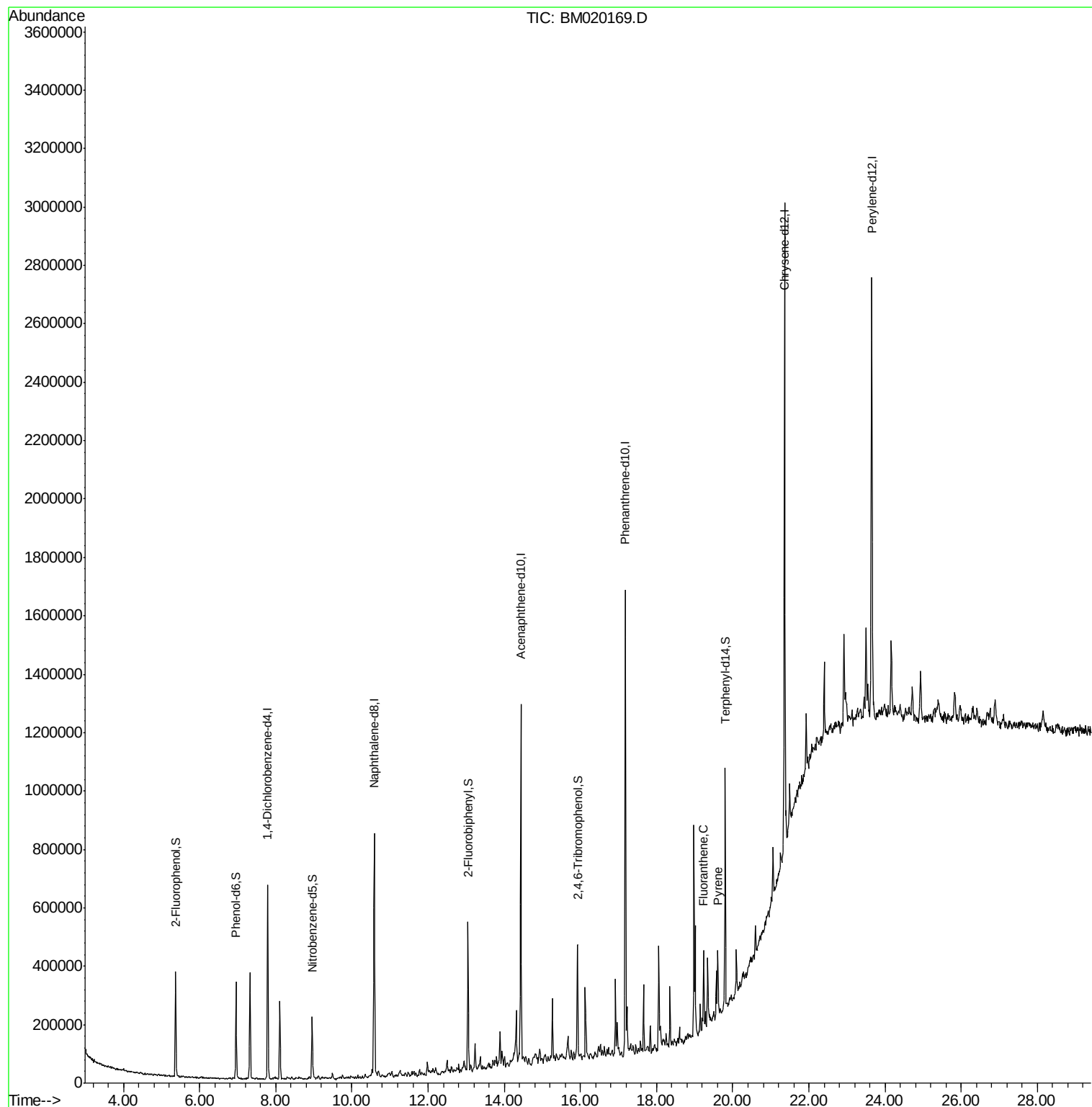
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	170054	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	644816	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	387499	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	896934	20.00	ng	0.00
76) Chrysene-d12	21.36	240	945533	20.00	ng	0.00
87) Perylene-d12	23.65	264	1150157	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	131462	12.64	ng	0.00
7) Phenol-d6	6.96	99	179469	12.63	ng	0.00
23) Nitrobenzene-d5	8.96	82	129823	7.95	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	73308	12.19	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	243291	7.72	ng	0.00
79) Terphenyl-d14	19.80	244	371445	6.85	ng	0.00
Target Compounds						
75) Fluoranthene	19.24	202	141403	2.257	ng	99
78) Pyrene	19.60	202	132329	2.085	ng	97

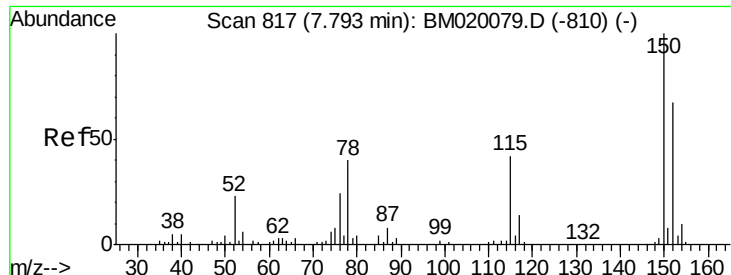
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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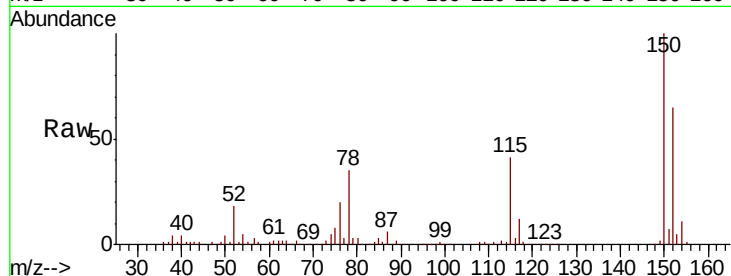


#1

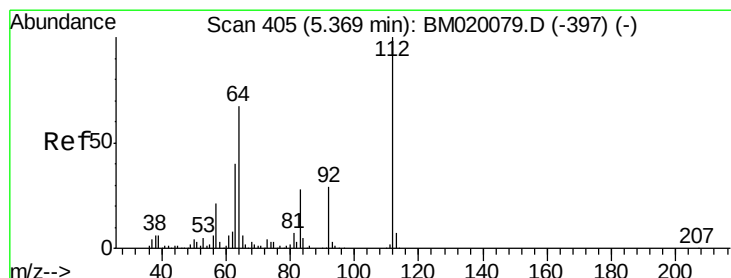
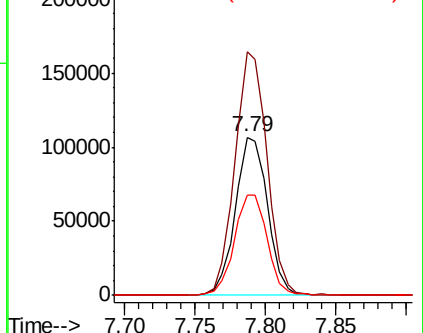
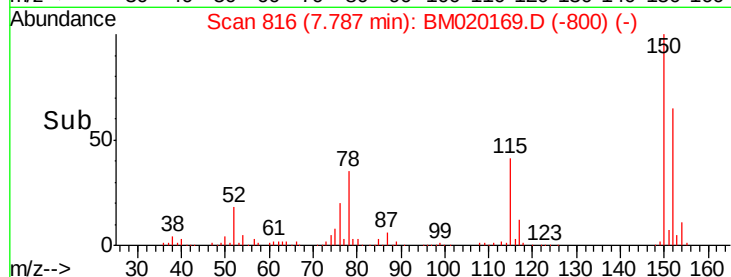
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020169.D
Acq: 07 May 2019 17:38

Instrument :
BNA_M
ClientSampleId :
AU-05-050219-BRE

Tot Ion:152 Resp: 170054
Ion Ratio Lower Upper
152 100
150 154.0 119.8 179.8
115 63.5 50.8 76.2



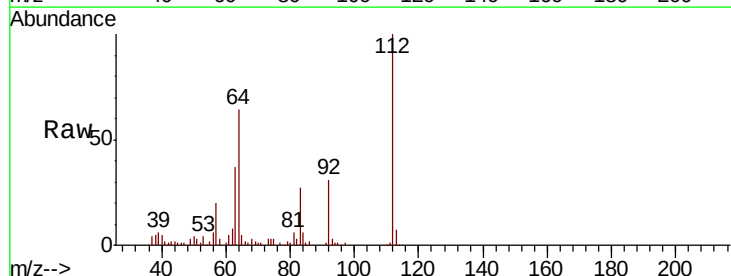
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



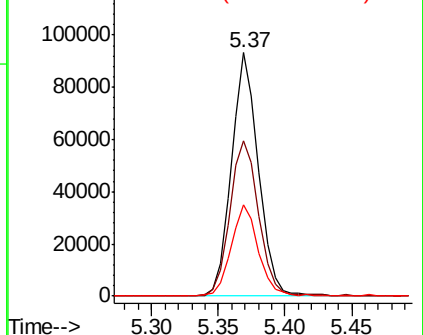
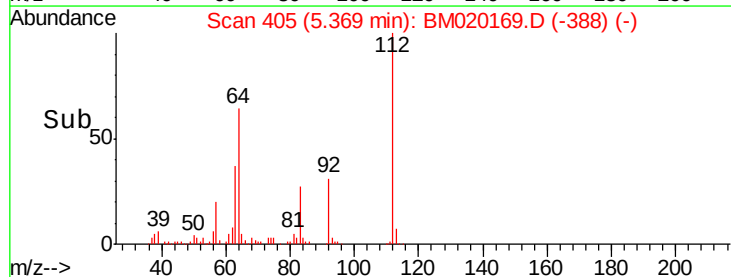
#5

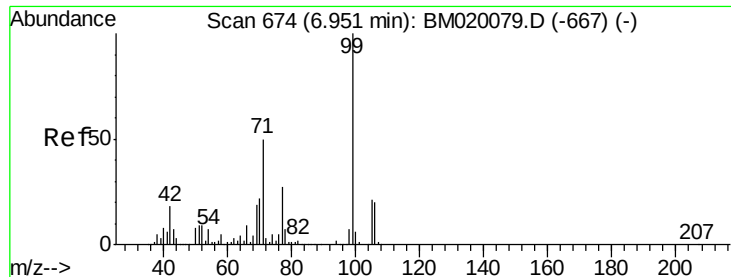
2-Fluorophenol
Concen: 12.636 ng
RT: 5.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM020169.D
Acq: 07 May 2019 17:38

Tgt Ion:112 Resp: 131462
Ion Ratio Lower Upper
112 100
64 64.0 53.8 80.6
63 37.4 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: 12.627 ng

RT: 6.96 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM020169.D

Acq: 07 May 2019 17:38

Instrument :

BNA_M

ClientSampleId :

AU-05-050219-BRE

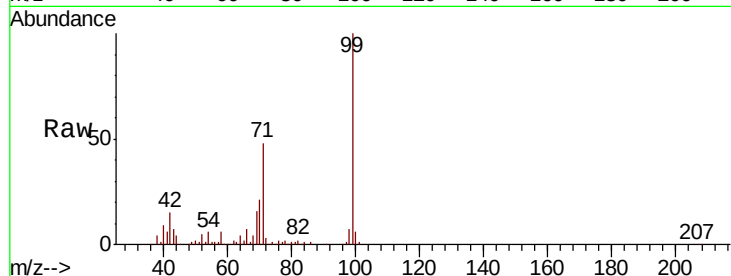
Tot Ion: 99 Resp: 179469

Ion Ratio Lower Upper

99 100

42 14.5 14.2 21.2

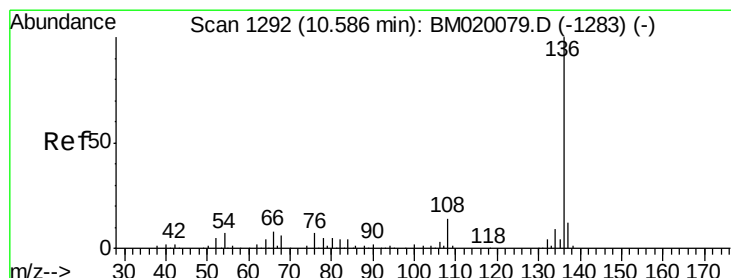
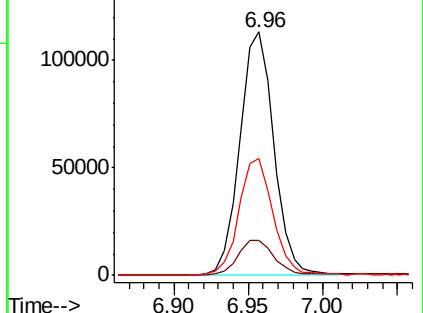
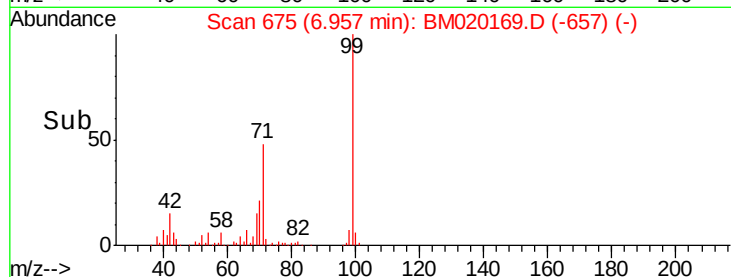
71 48.2 40.3 60.5



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: 10.59 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BM020169.D

Acq: 07 May 2019 17:38

Tgt Ion: 136 Resp: 644816

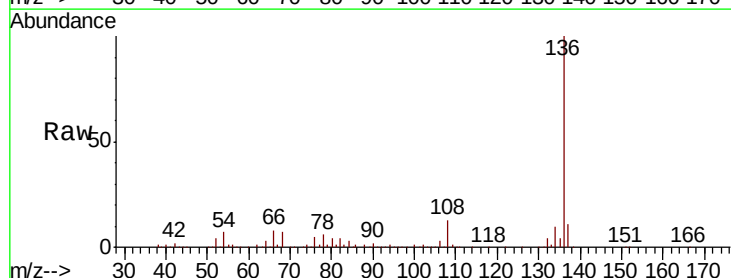
Ion Ratio Lower Upper

136 100

137 10.5 9.6 14.4

54 6.9 5.5 8.3

68 6.8 4.6 6.8#

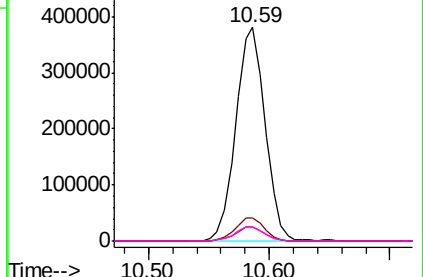
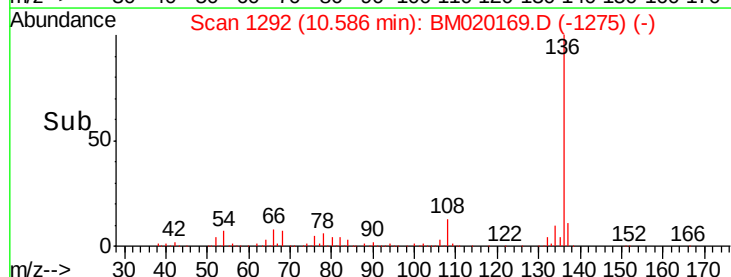


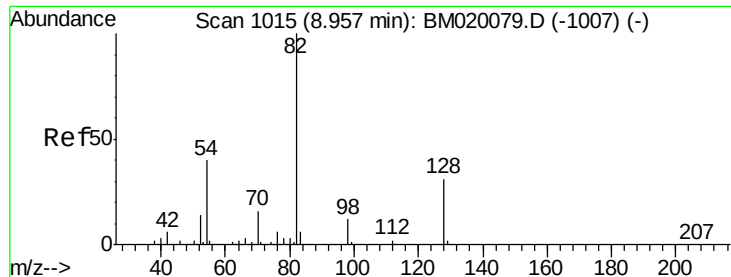
Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

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) (-)

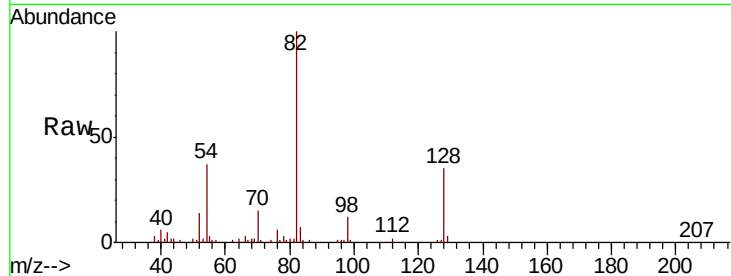




#23
Nitrobenzene-d5
Concen: 7.949 ng
RT: 8.96 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BM020169.D
Acq: 07 May 2019 17:38

Instrument :
BNA_M
ClientSampleId :
AU-05-050219-BRE

Tot Ion	82	Resp	129823
Ion Ratio	100	Lower	Upper
128	35.1	25.2	37.8
54	37.0	31.9	47.9

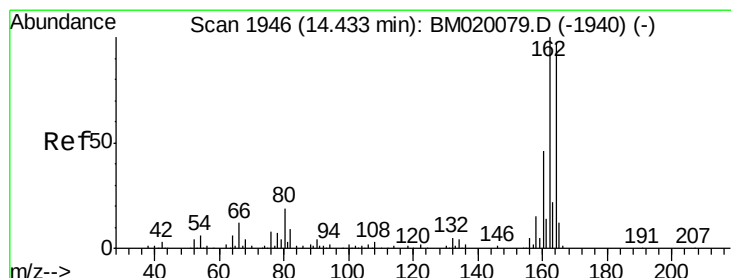
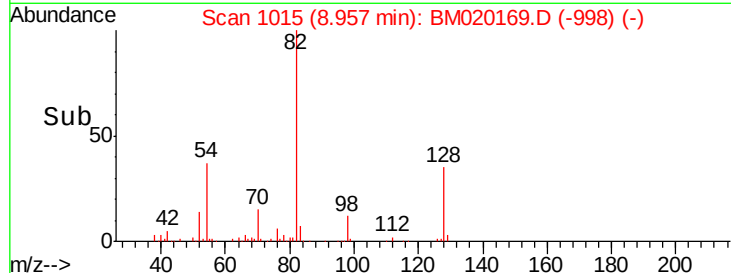
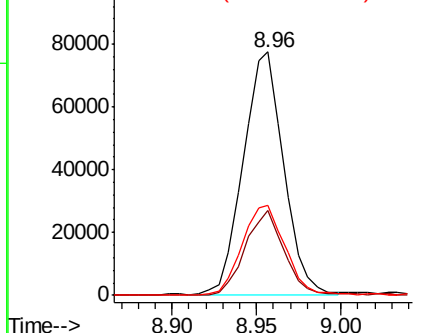


Abundance

Ion 82.00 (81.70 to 82.70): BM020169.D (-998) (-)

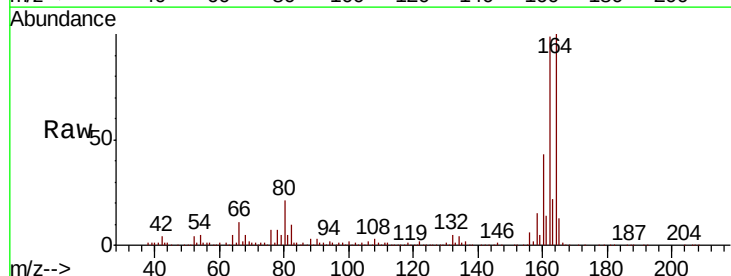
Ion 128.00 (127.70 to 128.70): BM020169.D (-998) (-)

Ion 54.00 (53.70 to 54.70): BM020169.D (-998) (-)



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BM020169.D
Acq: 07 May 2019 17:38

Tgt Ion	164	Resp	387499
Ion Ratio	100	Lower	Upper
162	98.5	82.2	123.2
160	42.9	37.6	56.4

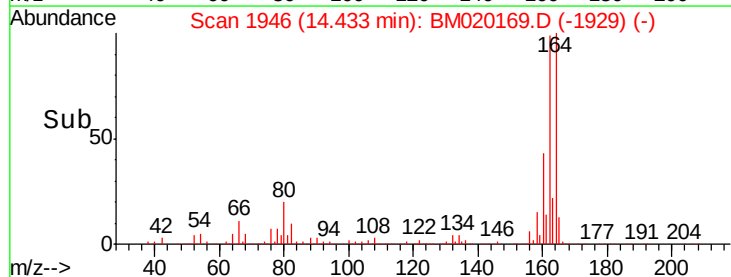
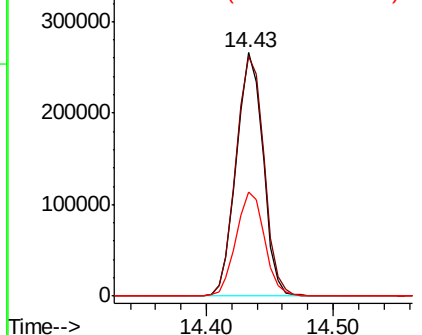


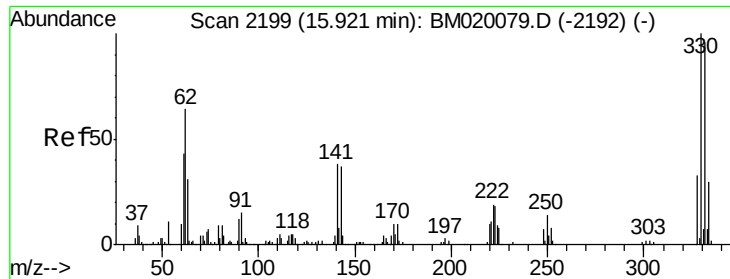
Abundance

Ion 164.00 (163.70 to 164.70): BM020169.D (-1929) (-)

Ion 162.00 (161.70 to 162.70): BM020169.D (-1929) (-)

Ion 160.00 (159.70 to 160.70): BM020169.D (-1929) (-)

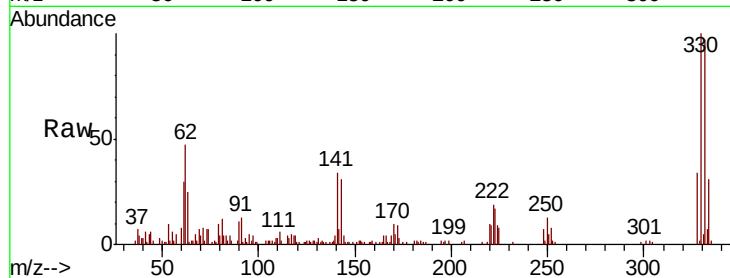




#42
 2,4,6-Tribromophenol
 Concen: 12.188 ng
 RT: 15.93 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BM020169.D
 Acq: 07 May 2019 17:38

Instrument :
 BNA_M
 ClientSampleId :
 AU-05-050219-BRE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	34.8	29.2	43.8

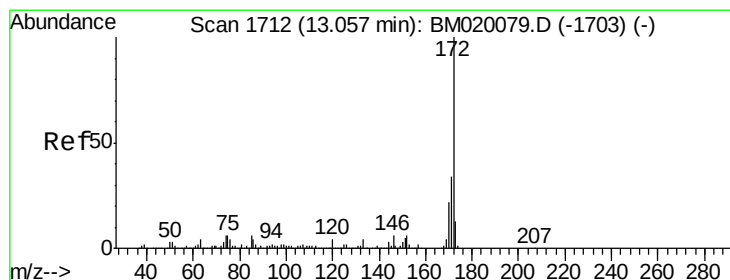
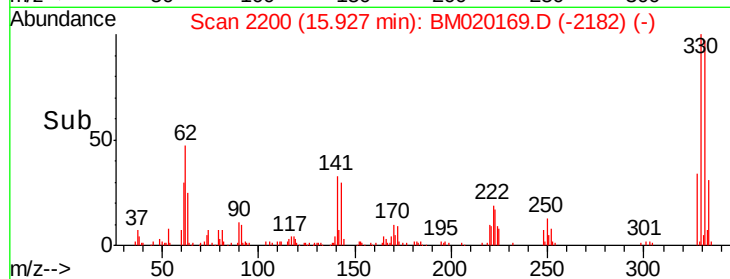
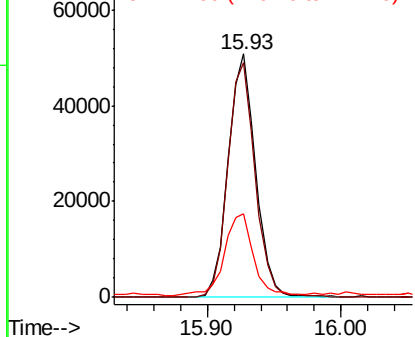


Abundance

Ion 329.80 (329.50 to 330.50): E

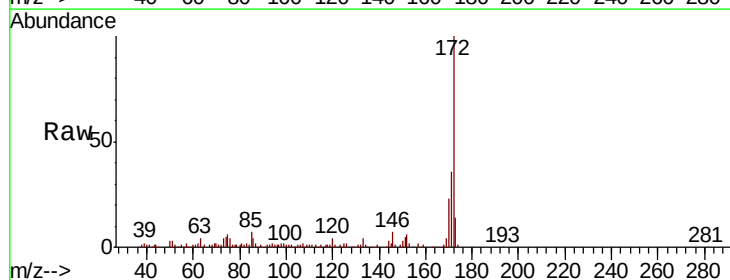
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 7.725 ng
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM020169.D
 Acq: 07 May 2019 17:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.3	40.9
170	23.2	17.9	26.9

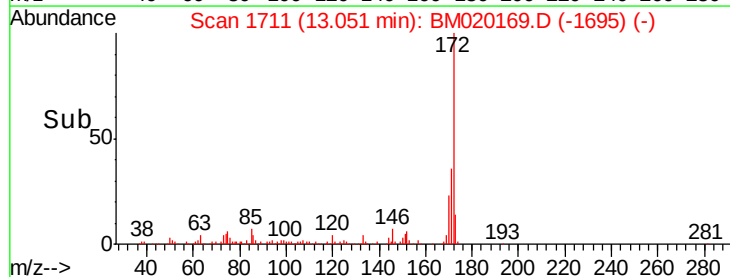
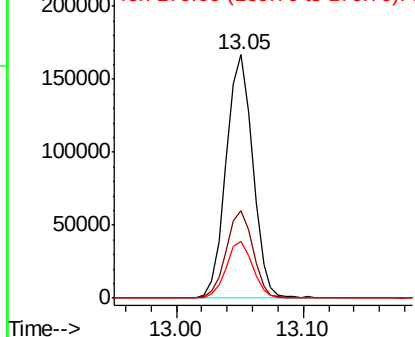


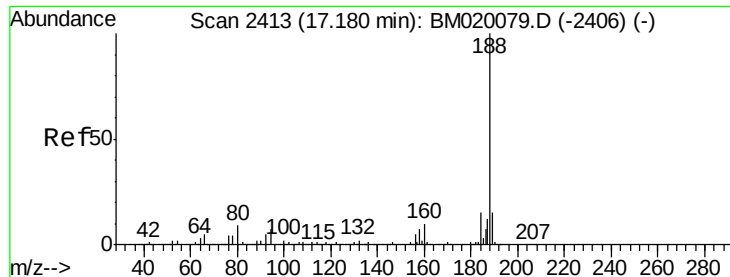
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.18 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BM020169.D

Acq: 07 May 2019 17:38

Instrument :

BNA_M

ClientSampleId :

AU-05-050219-BRE

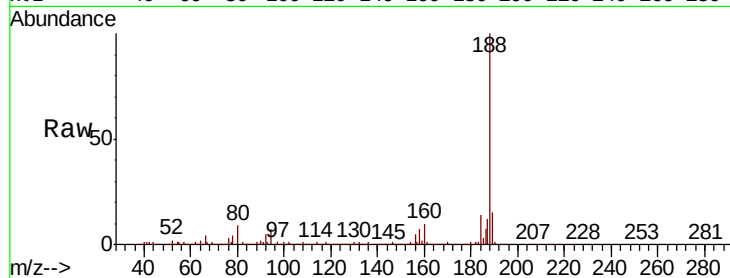
Tot Ion:188 Resp: 896934

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.6

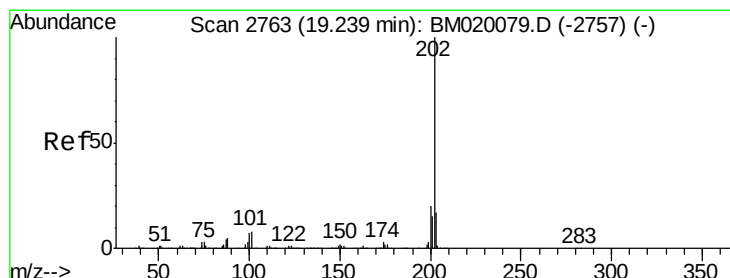
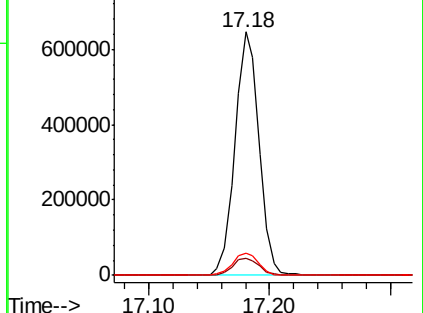
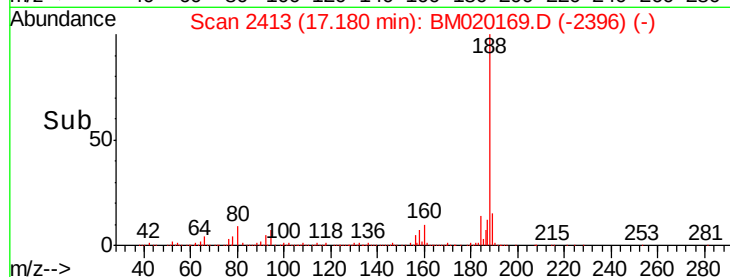
80 9.3 7.4 11.2



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: 2.257 ng

RT: 19.24 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BM020169.D

Acq: 07 May 2019 17:38

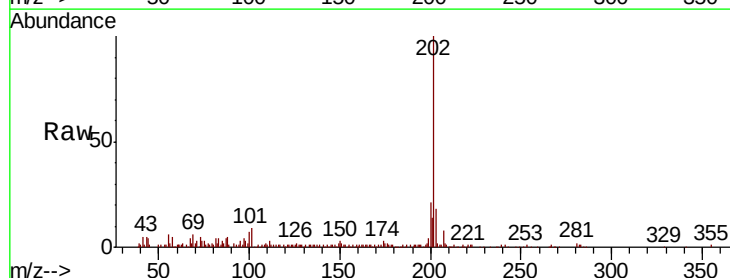
Tgt Ion:202 Resp: 141403

Ion Ratio Lower Upper

202 100

101 9.0 0.0 28.4

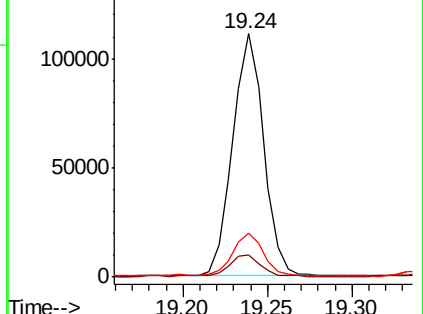
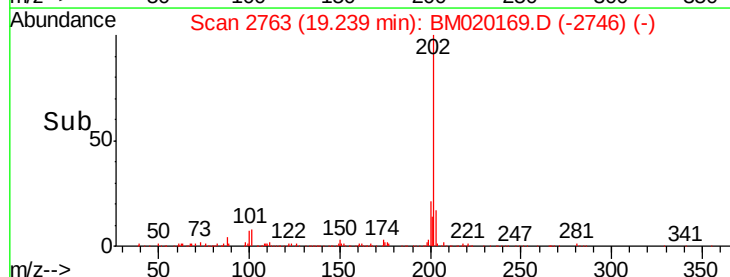
203 17.8 0.0 37.4

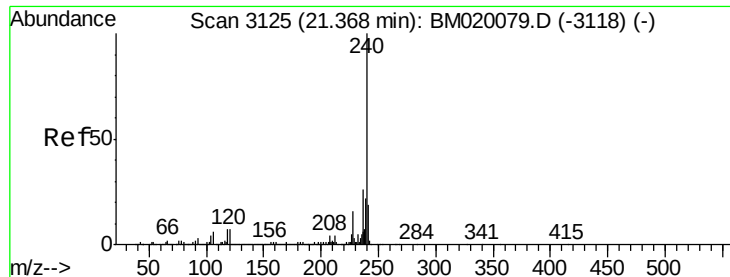


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM020169.D

Acq: 07 May 2019 17:38

Instrument :

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AU-05-050219-BRE

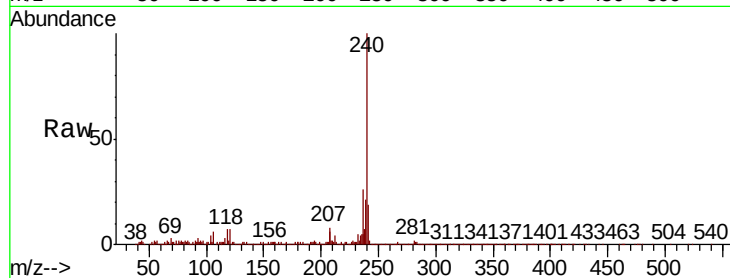
Tot Ion:240 Resp: 945533

Ion Ratio Lower Upper

240 100

120 7.2 5.6 8.4

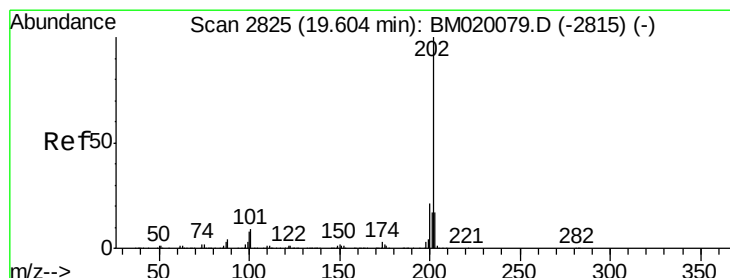
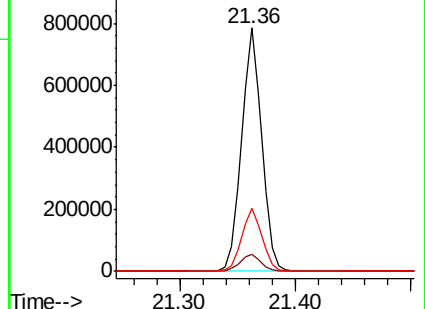
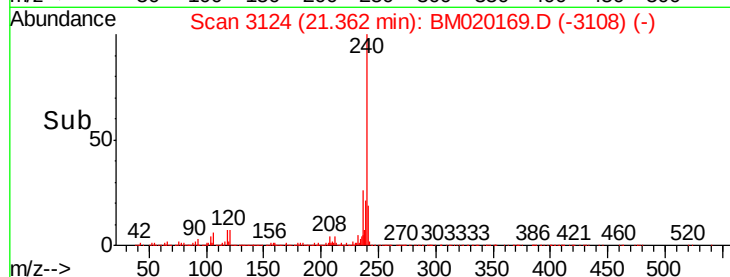
236 26.2 20.9 31.3



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: 2.085 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM020169.D

Acq: 07 May 2019 17:38

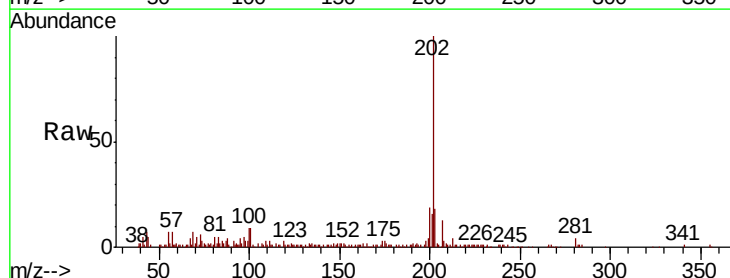
Tgt Ion:202 Resp: 132329

Ion Ratio Lower Upper

202 100

200 18.9 16.5 24.7

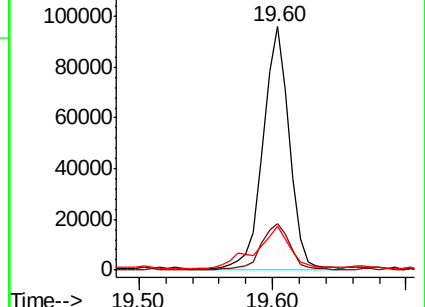
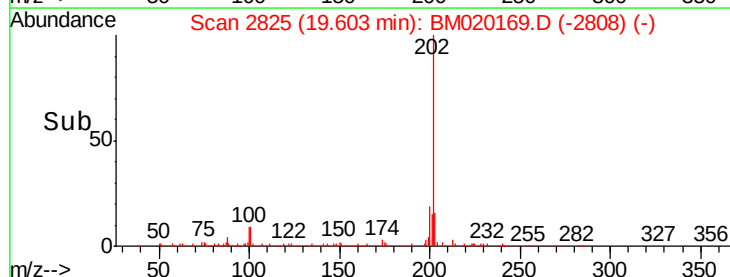
203 18.0 13.9 20.9

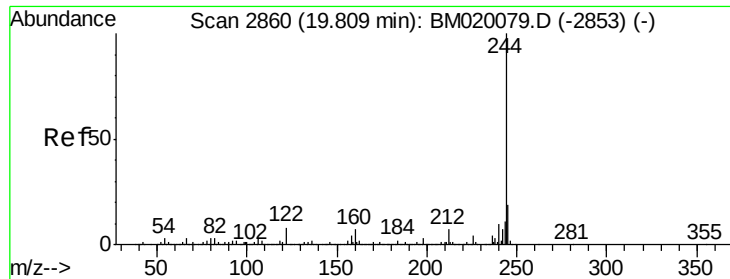


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 6.852 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020169.D

Acq: 07 May 2019 17:38

Instrument :

BNA_M

ClientSampleId :

AU-05-050219-BRE

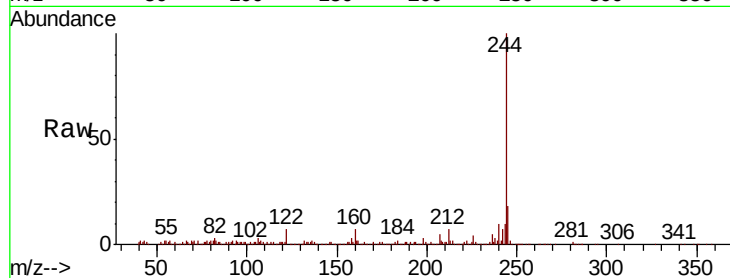
Tot Ion:244 Resp: 371445

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

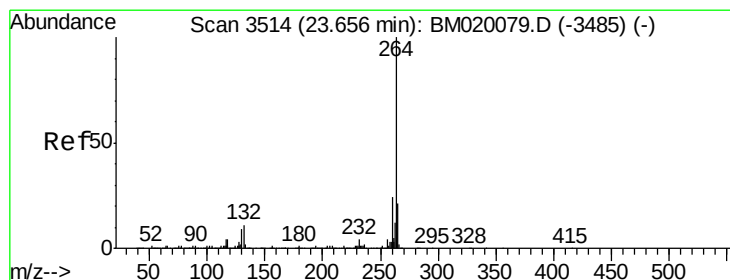
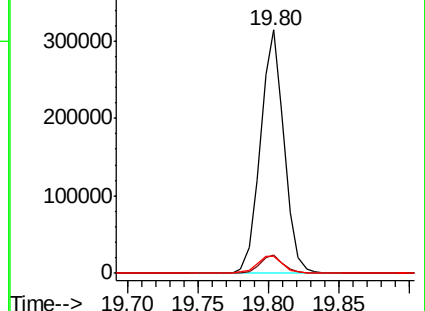
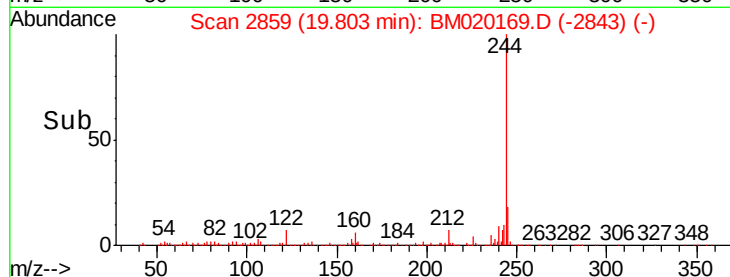
122 6.8 6.2 9.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM020169.D

Acq: 07 May 2019 17:38

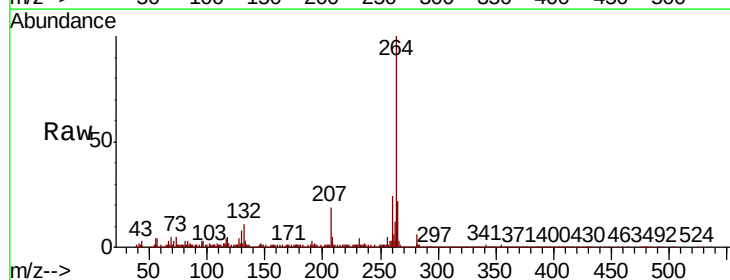
Tgt Ion:264 Resp: 1150157

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.3 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

