

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 18:13:30 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

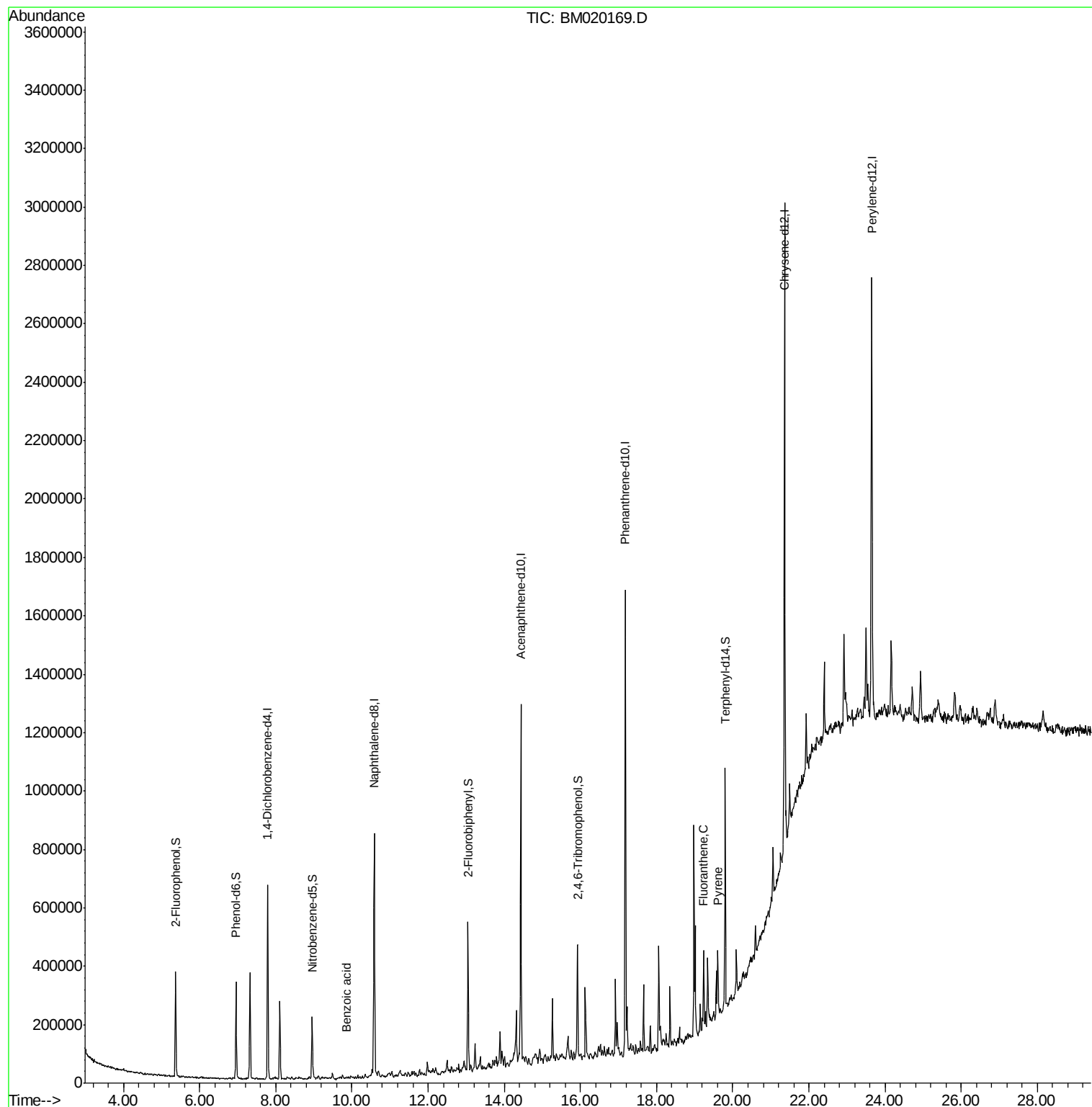
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	170054	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	644816	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	387499	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	896934	20.00	ng	0.00
76) Chrysene-d12	21.36	240	945533	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						
32) Benzoic acid	9.86	122	110	6.626	ng	Qvalue # 72
75) Fluoranthene	19.24	202	141403	2.257	ng	99
78) Pyrene	19.60	202	132329	2.085	ng	97

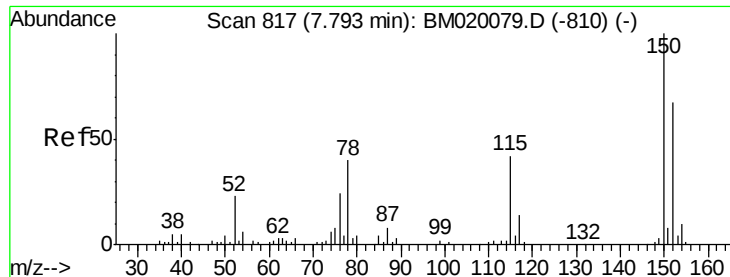
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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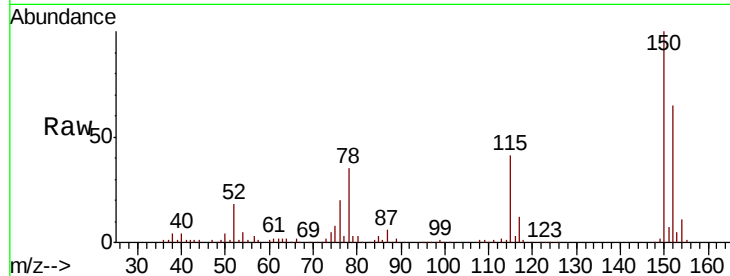


#1

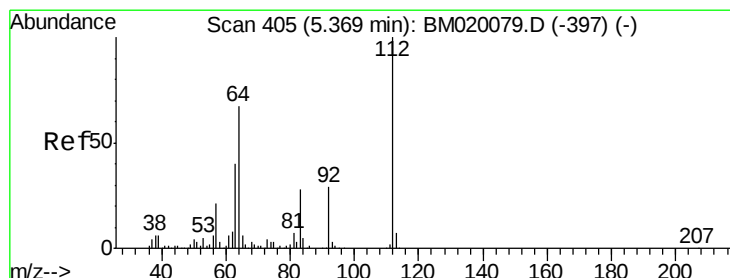
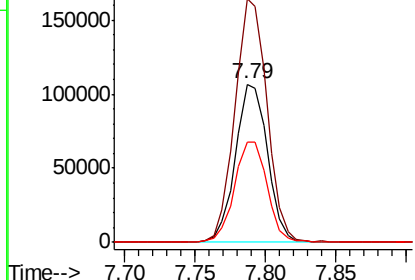
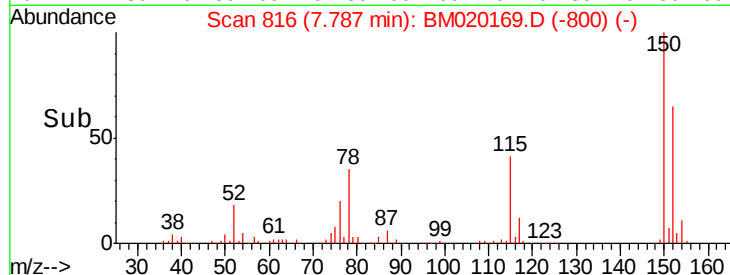
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.79 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BM020169.D
 Acq: 07 May 2019 17:38

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



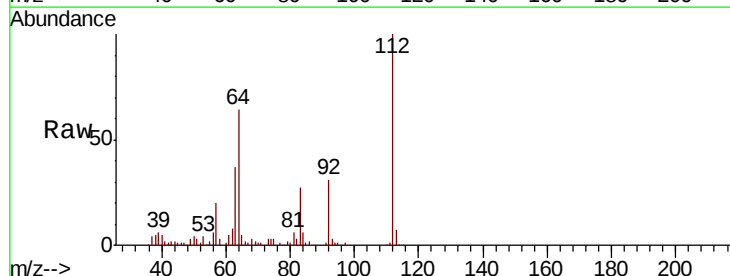
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



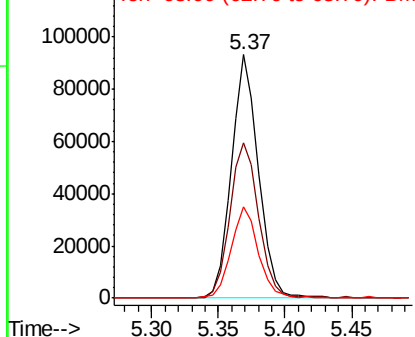
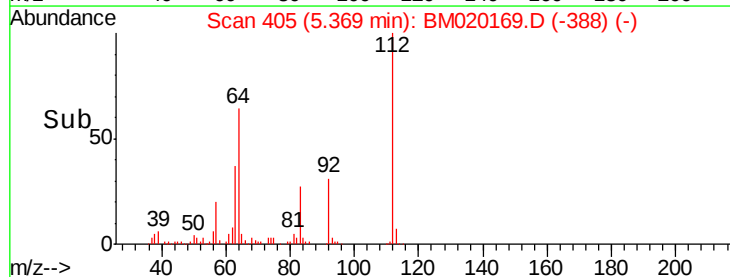
#5

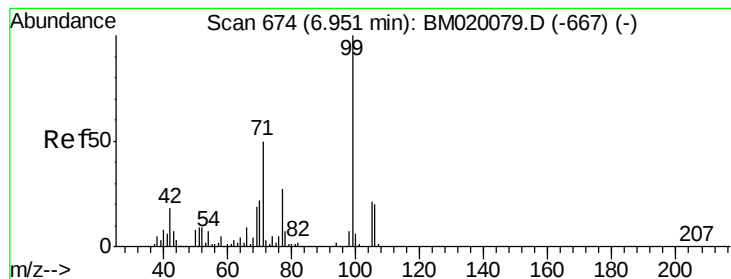
2-Fluorophenol
 Concen: 12.636 ng
 RT: 5.37 min Scan# 405
 Delta R.T. -0.00 min
 Lab File: BM020169.D
 Acq: 07 May 2019 17:38

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

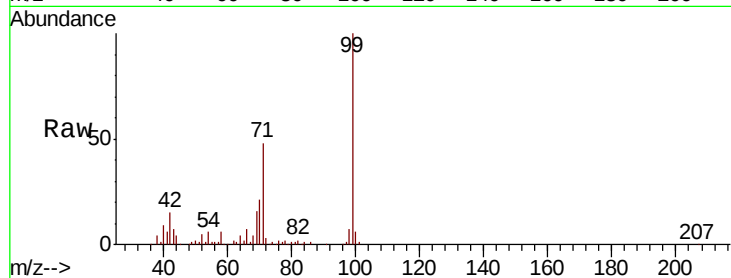
Tot Ion: 99 Resp: 179469

Ion Ratio Lower Upper

99 100

42 14.5 14.2 21.2

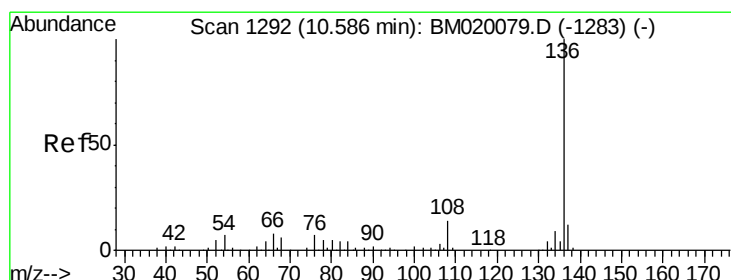
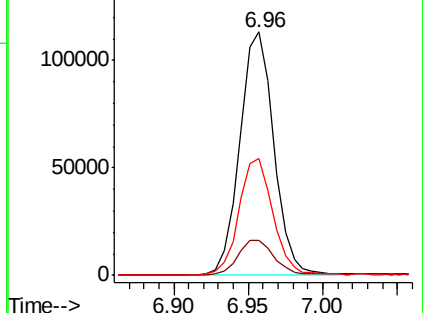
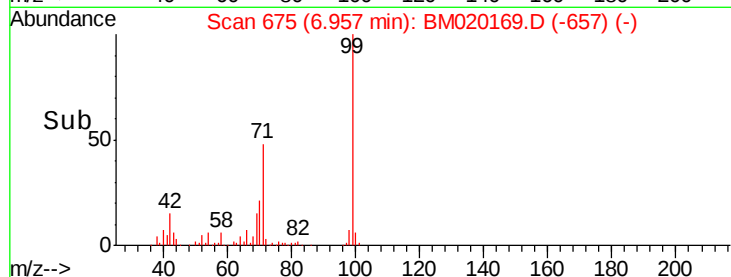
71 48.2 40.3 60.5



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

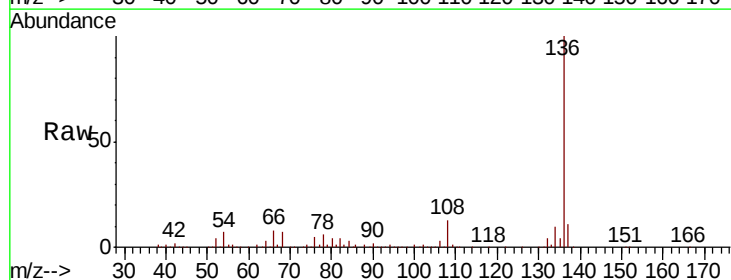
Ion Ratio Lower Upper

136 100

137 10.5 9.6 14.4

54 6.9 5.5 8.3

68 6.8 4.6 6.8#

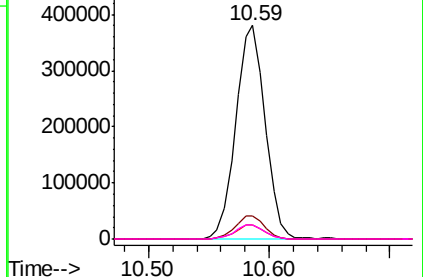
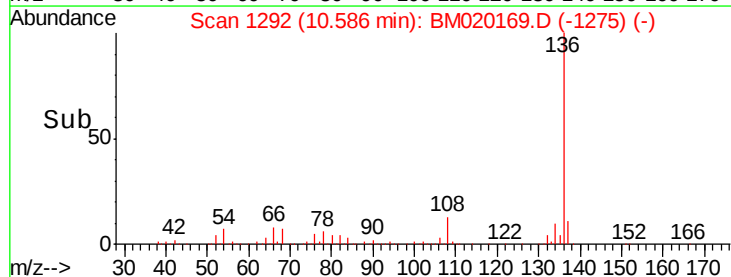


Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

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) (-)

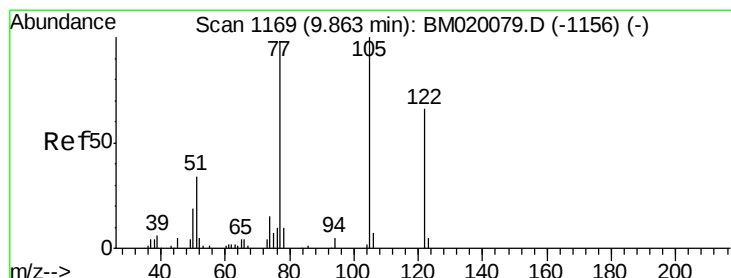
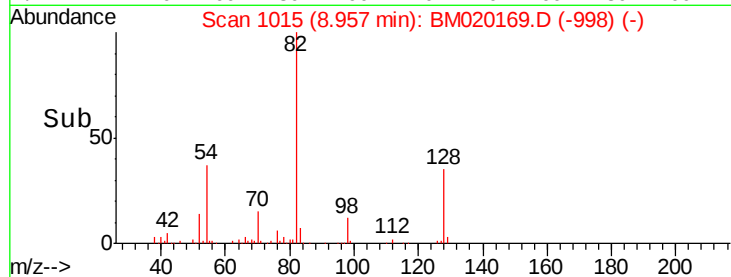
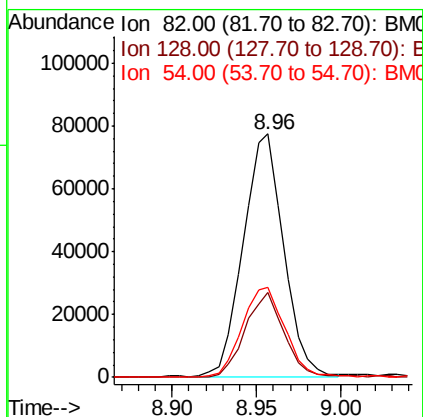
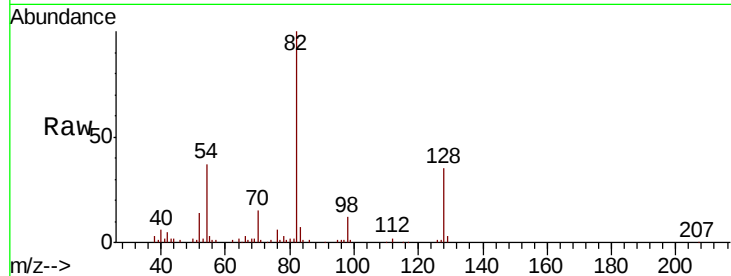




#23
Nitrobenzene-d5
Concen: 7.949 ng
RT: 8.96 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BM020169.D
Acq: 07 May 2019 17:38

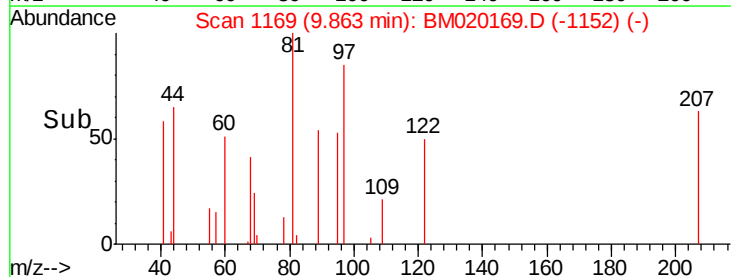
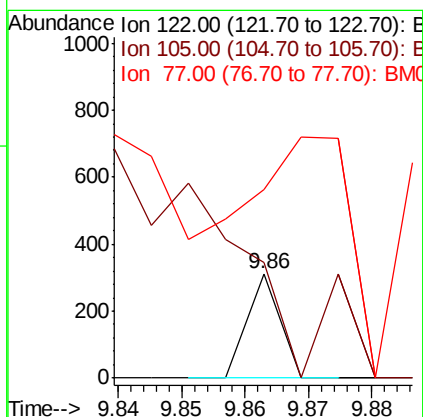
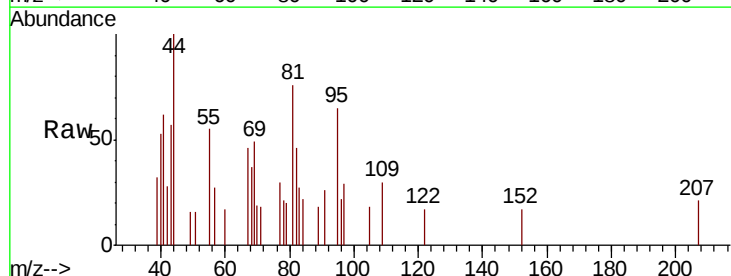
Instrument :
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ClientSampleId :
AU-05-050219-BRE

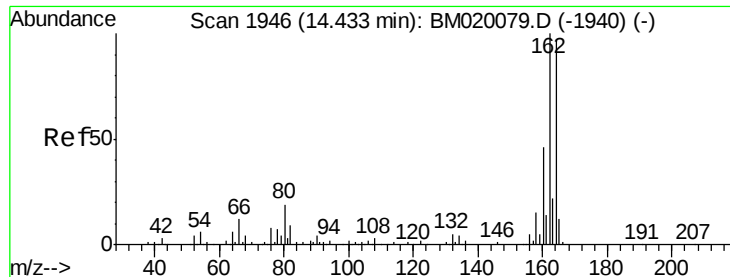
Tot Ion	82	Resp	129823
Ion Ratio	100	Lower	Upper
128	35.1	25.2	37.8
54	37.0	31.9	47.9



#32
Benzoic acid
Concen: 6.626 ng
RT: 9.86 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BM020169.D
Acq: 07 May 2019 17:38

Tgt Ion	122	Resp	110
Ion Ratio	100	Lower	Upper
105	110.3	122.5	162.5#
77	180.8	123.3	163.3#





#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

Instrument :

BNA_M

ClientSampleId :

AU-05-050219-BRE

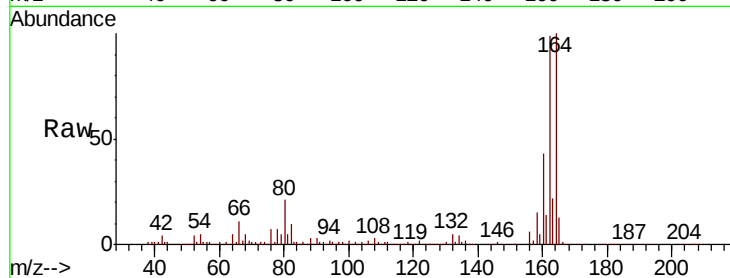
Tot Ion:164 Resp: 387499

Ion Ratio Lower Upper

164 100

162 98.5 82.2 123.2

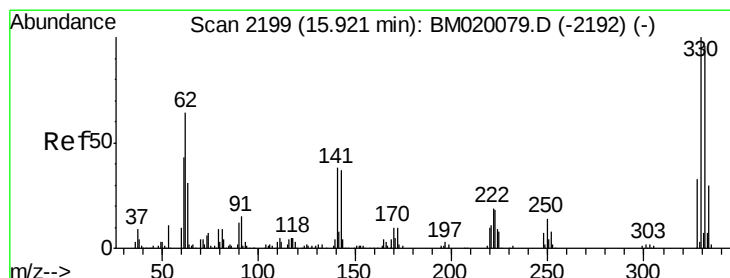
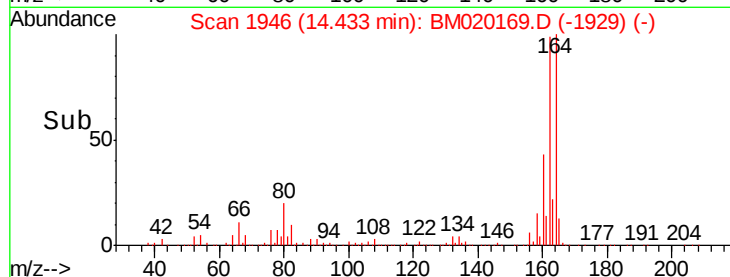
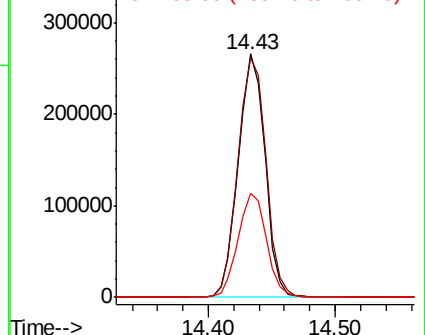
160 42.9 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#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

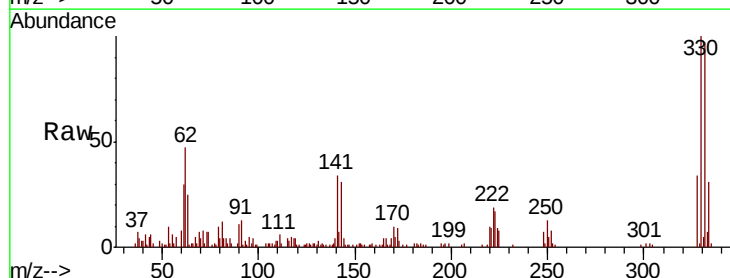
Tgt Ion:330 Resp: 73308

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

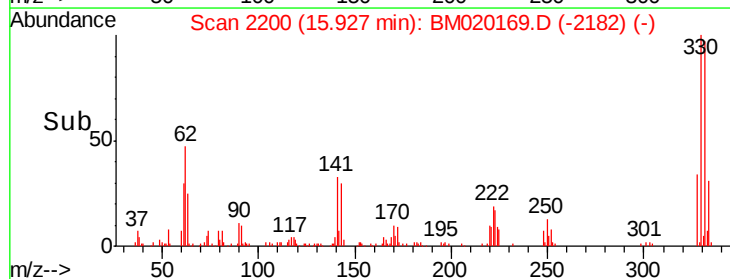
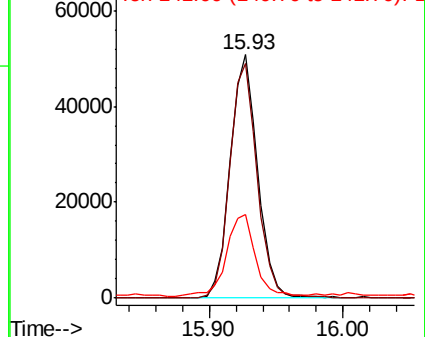
141 34.8 29.2 43.8

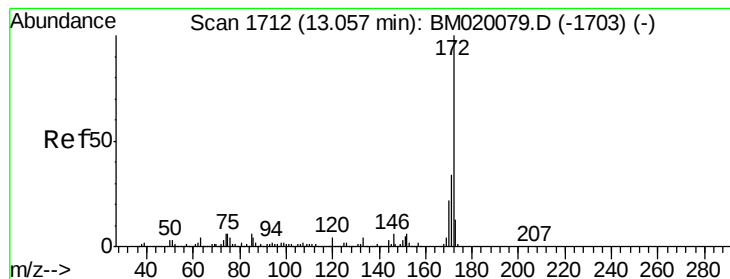


Abundance Ion 329.80 (329.50 to 330.50): E

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

Instrument :

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ClientSampleId :

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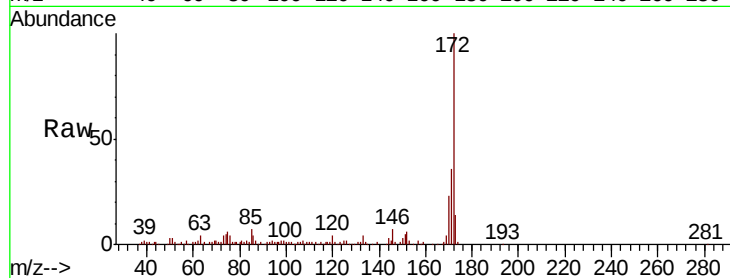
Tot Ion:172 Resp: 243291

Ion Ratio Lower Upper

172 100

171 36.0 27.3 40.9

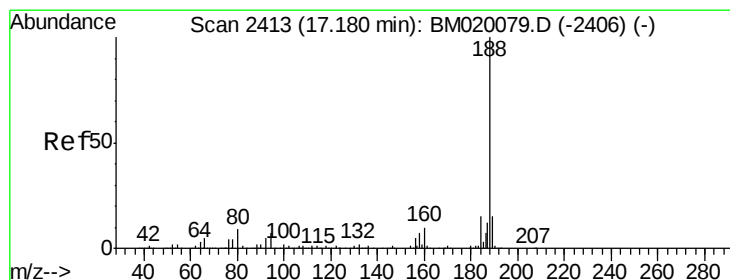
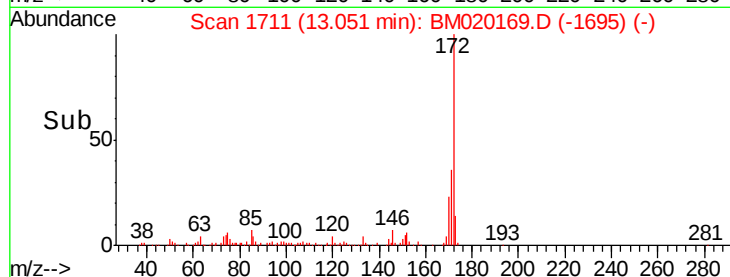
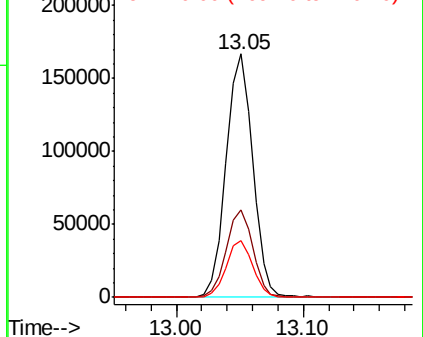
170 23.2 17.9 26.9



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

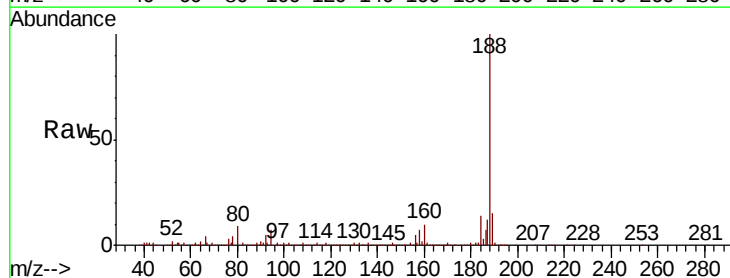
Tgt Ion:188 Resp: 896934

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.6

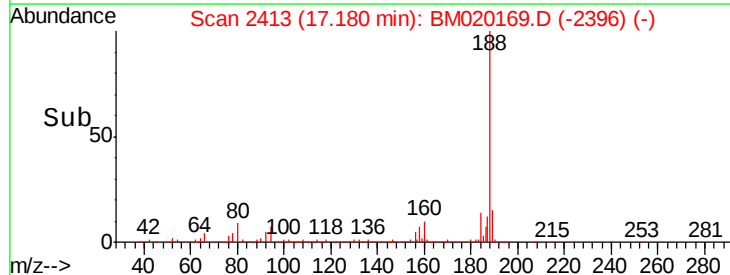
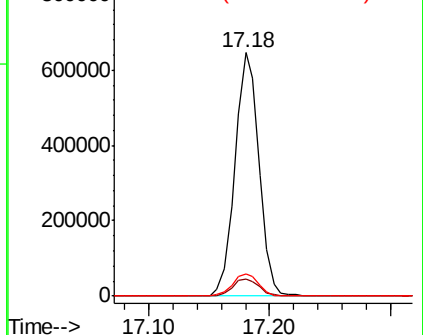
80 9.3 7.4 11.2

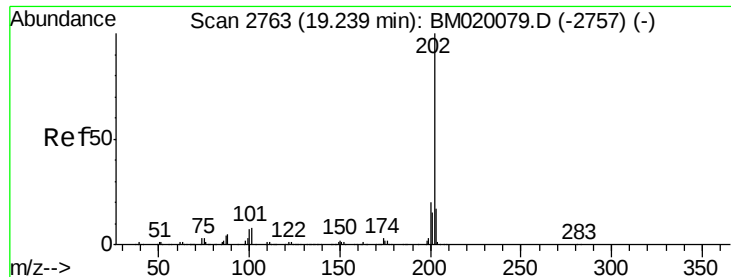


Abundance Ion 188.00 (187.70 to 188.70): E

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

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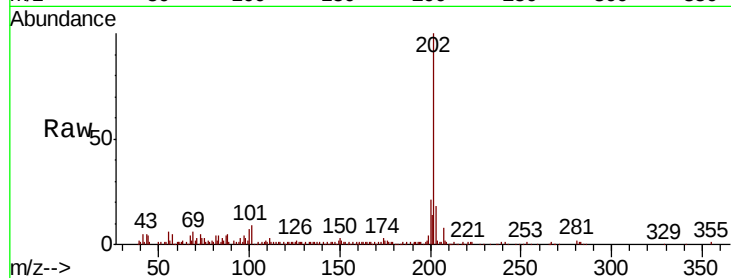
Tot Ion:202 Resp: 141403

Ion Ratio Lower Upper

202 100

101 9.0 0.0 28.4

203 17.8 0.0 37.4

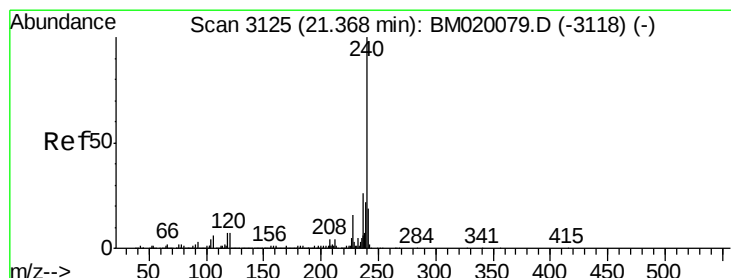
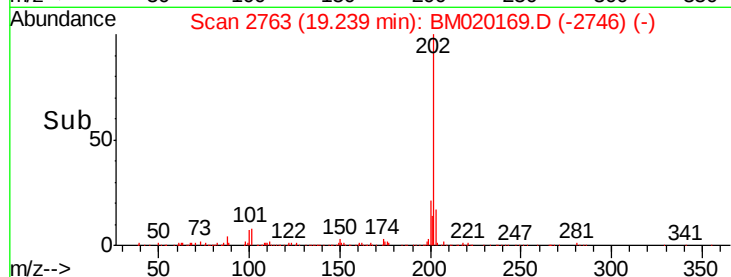
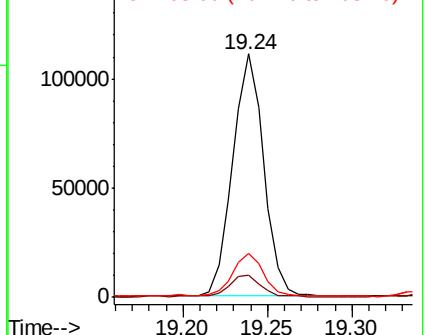


Abundance

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

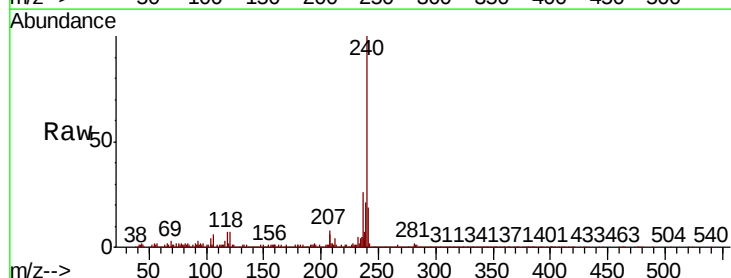
Tgt Ion:240 Resp: 945533

Ion Ratio Lower Upper

240 100

120 7.2 5.6 8.4

236 26.2 20.9 31.3

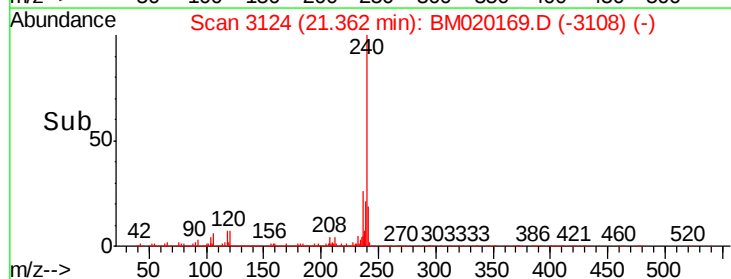
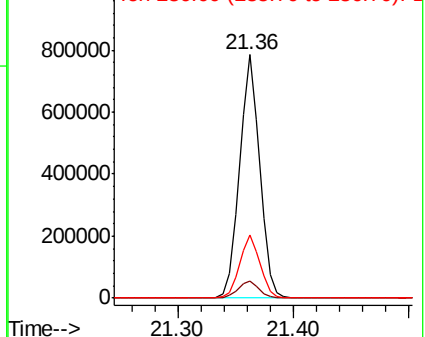


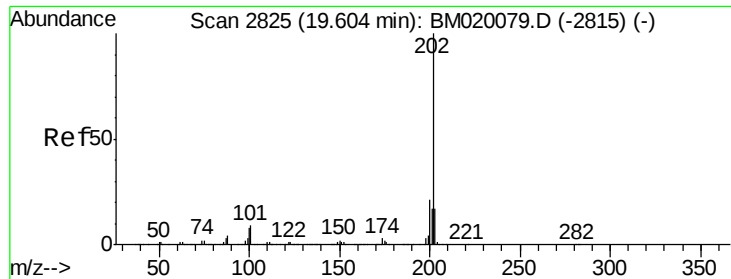
Abundance

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

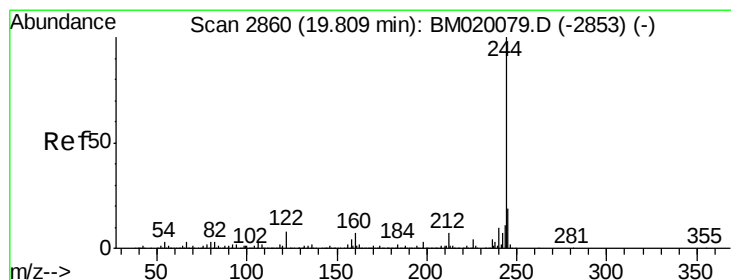
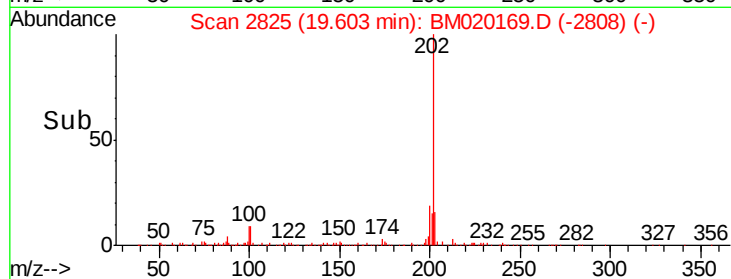
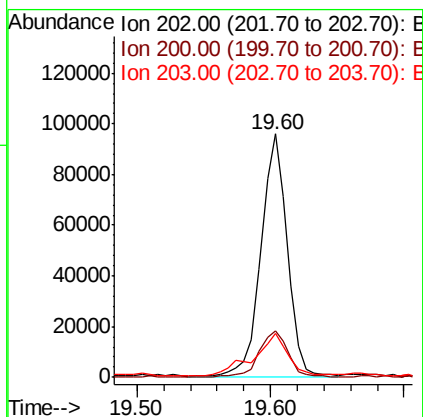
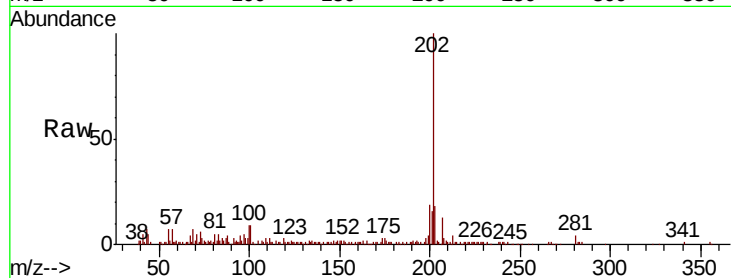




#78
Pvrene
Concen: 2.085 ng
RT: 19.60 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BM020169.D
Acq: 07 May 2019 17:38

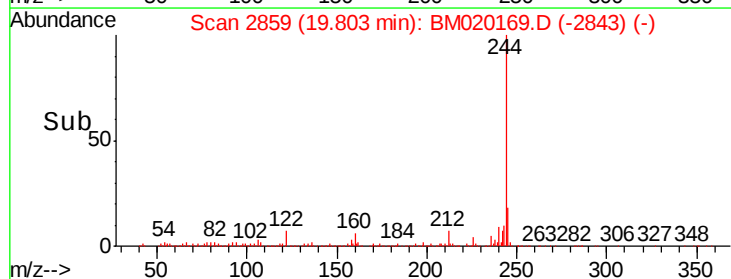
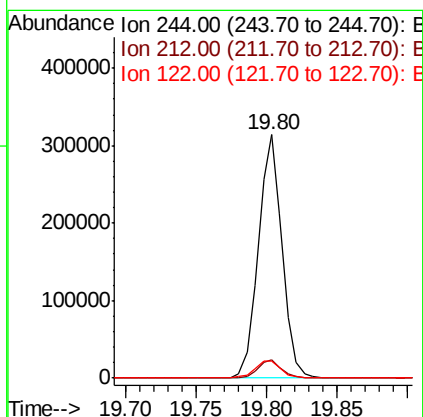
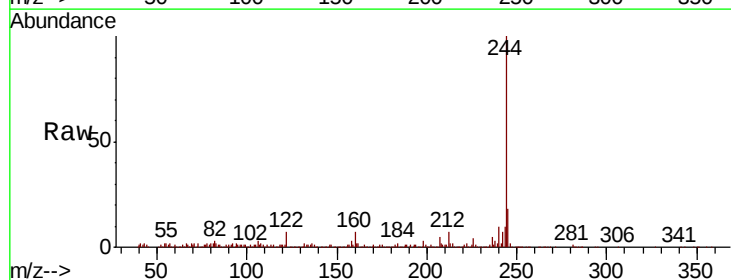
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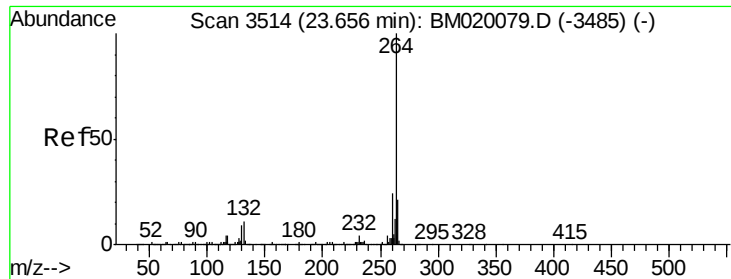
Tot Ion	Ratio	Lower	Upper
202	100		
200	18.9	16.5	24.7
203	18.0	13.9	20.9



#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

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	6.8	6.2	9.2





#87
 Pervlene-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

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.3	16.9	25.3

