

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051319\
 Data File : BM020317.D
 Acq On : 13 May 2019 15:45
 Operator : JU/SJ
 Sample : K6823-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 12-B2

Quant Time: May 14 03:48:52 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

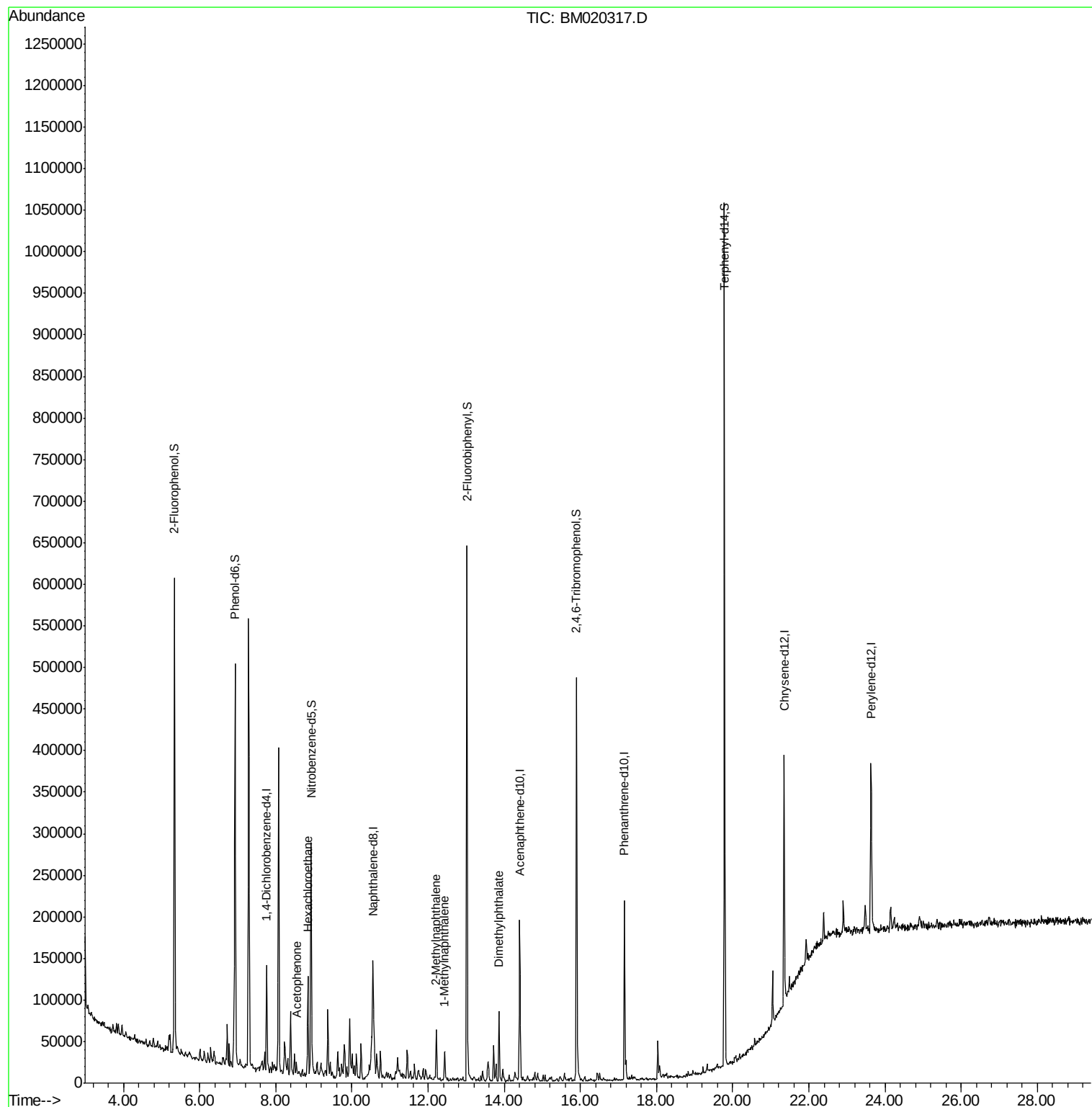
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	33899	20.00	ng	-0.04
21) Naphthalene-d8	10.55	136	113998	20.00	ng	-0.04
39) Acenaphthene-d10	14.40	164	66322	20.00	ng	-0.03
64) Phenanthrene-d10	17.16	188	146588	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	151219	20.00	ng	-0.02
87) Perylene-d12	23.63	264	168473	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	226947	109.43	ng	-0.03
7) Phenol-d6	6.93	99	280096	98.86	ng	-0.02
23) Nitrobenzene-d5	8.93	82	188588	65.31	ng	-0.03
42) 2,4,6-Tribromophenol	15.90	330	105141	102.13	ng	-0.02
45) 2-Fluorobiphenyl	13.02	172	339492	62.98	ng	-0.04
79) Terphenyl-d14	19.79	244	529756	61.10	ng	-0.02
Target Compounds						
18) Hexachloroethane	8.85	117	8112	7.330	ng	# 1
22) Acetophenone	8.55	105	11241	3.608	ng	# 61
37) 2-Methylnaphthalene	12.22	142	32352	7.501	ng	97
38) 1-Methylnaphthalene	12.44	142	17091	4.053	ng	# 99
50) Dimethylphthalate	13.86	163	53192	9.436	ng	98

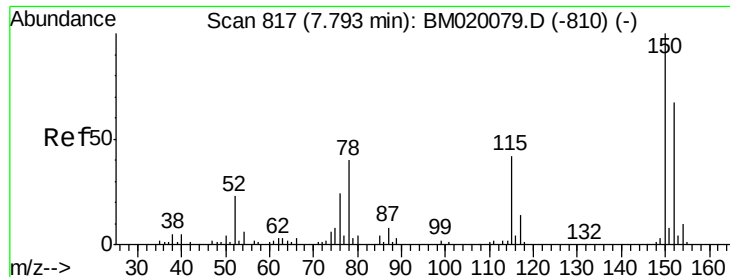
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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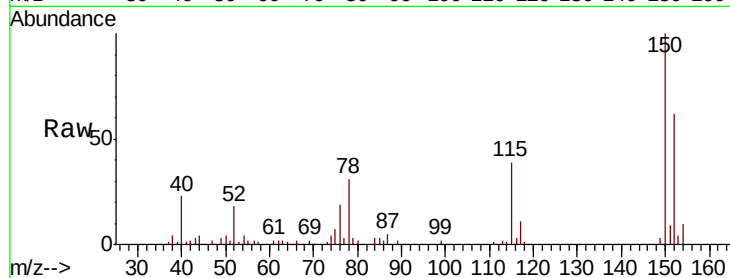


#1

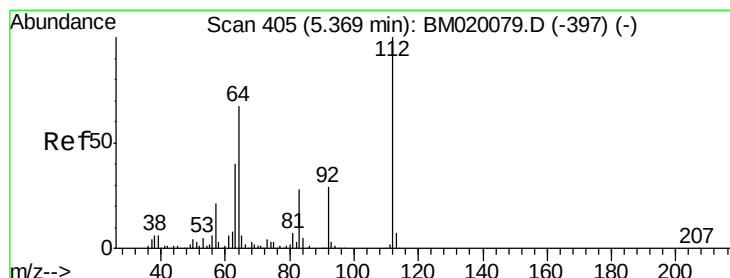
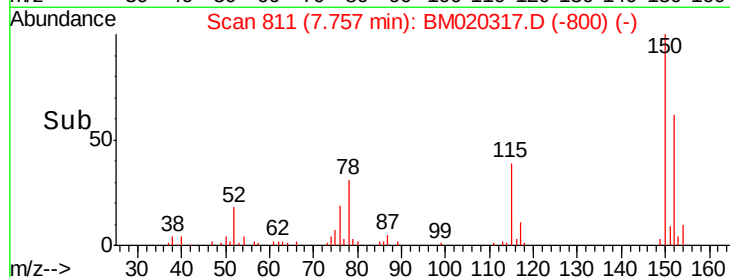
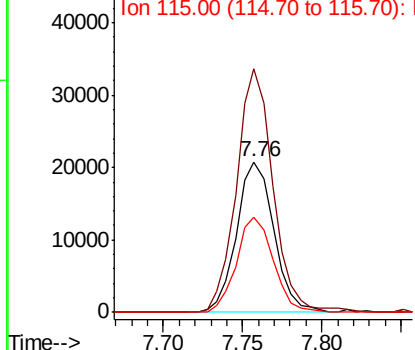
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 811
Delta R.T. -0.04 min
Lab File: BM020317.D
Acq: 13 May 2019 15:45

Instrument :
BNA_M
ClientSampleId :
12-B2

Tgt Ion:152 Resp: 33899
Ion Ratio Lower Upper
152 100
150 161.5 119.8 179.8
115 63.2 50.8 76.2



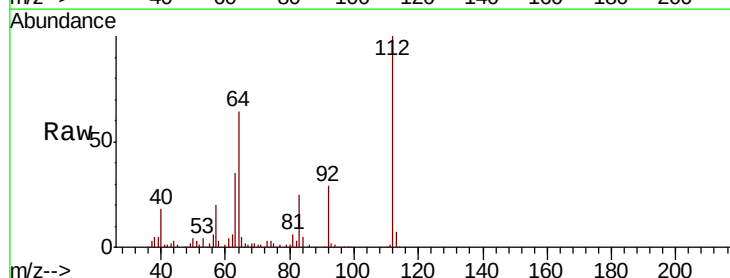
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



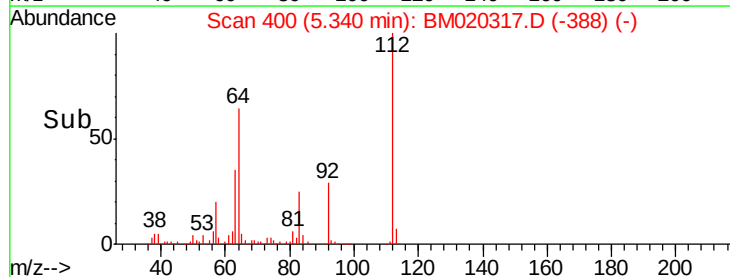
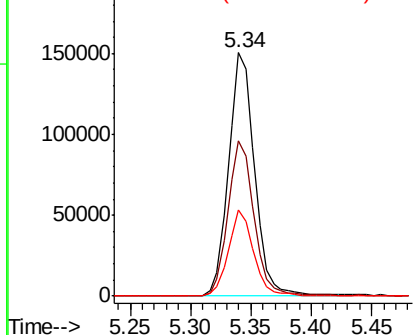
#5

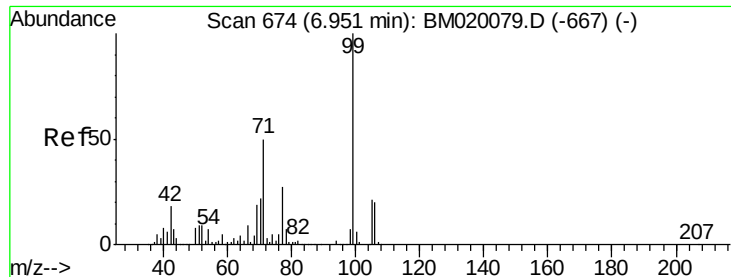
2-Fluorophenol
Concen: 109.433 ng
RT: 5.34 min Scan# 400
Delta R.T. -0.03 min
Lab File: BM020317.D
Acq: 13 May 2019 15:45

Tgt Ion:112 Resp: 226947
Ion Ratio Lower Upper
112 100
64 64.0 53.8 80.6
63 35.3 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: 98.863 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.02 min

Lab File: BM020317.D

Acq: 13 May 2019 15:45

Instrument :

BNA_M

ClientSampleId :

12-B2

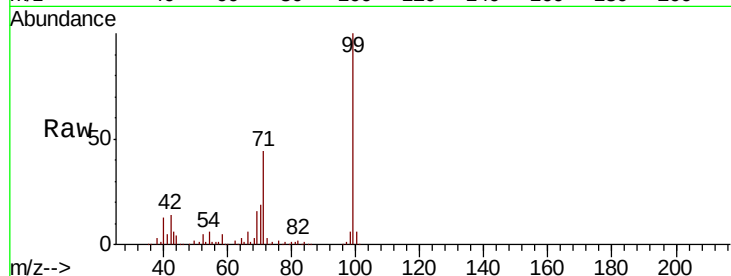
Tgt Ion: 99 Resp: 280096

Ion Ratio Lower Upper

99 100

42 14.0 14.2 21.2#

71 44.0 40.3 60.5

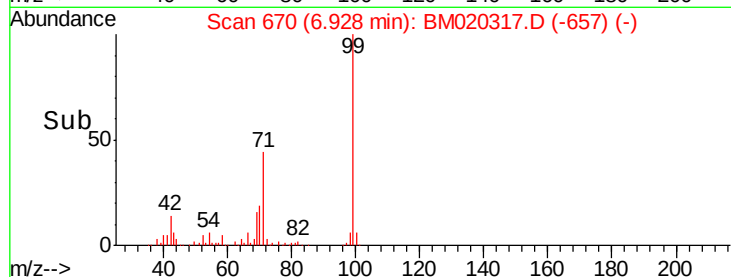


Abundance Ion 99.00 (98.70 to 99.70): BM020317.D (-657) (-)

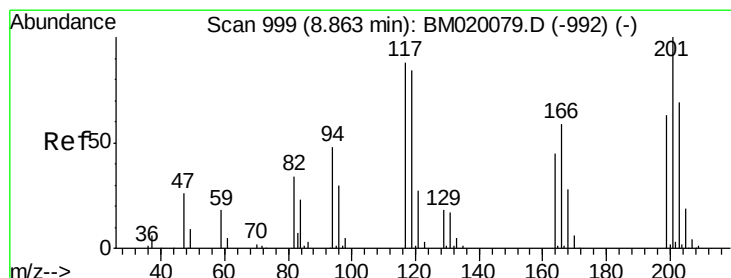
Ion 42.00 (41.70 to 42.70): BM020317.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020317.D (-657) (-)

6.93



Time-->



#18

Hexachloroethane

Concen: 7.330 ng

RT: 8.85 min Scan# 997

Delta R.T. -0.01 min

Lab File: BM020317.D

Acq: 13 May 2019 15:45

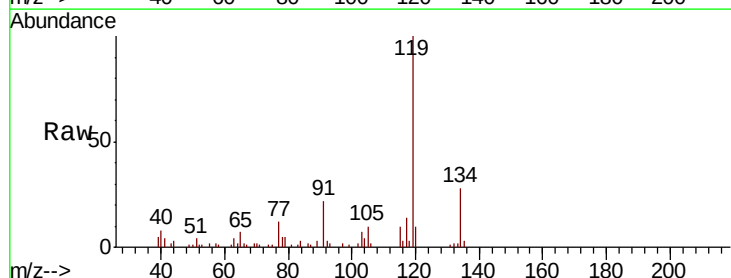
Tgt Ion: 117 Resp: 8112

Ion Ratio Lower Upper

117 100

119 735.4 76.6 114.8#

201 0.0 90.7 136.1#

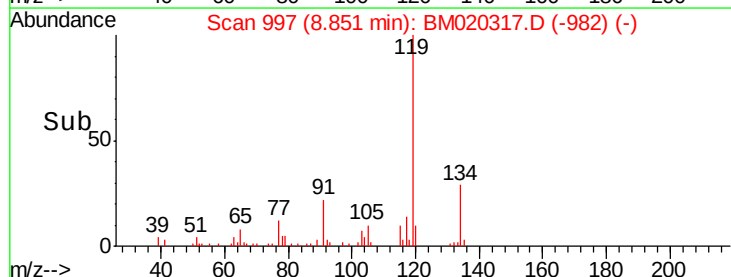


Abundance Ion 117.00 (116.70 to 117.70): BM020317.D (-982) (-)

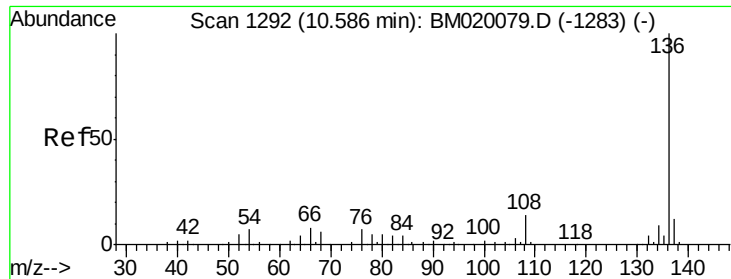
Ion 119.00 (118.70 to 119.70): BM020317.D (-982) (-)

Ion 201.00 (200.70 to 201.70): BM020317.D (-982) (-)

8.85



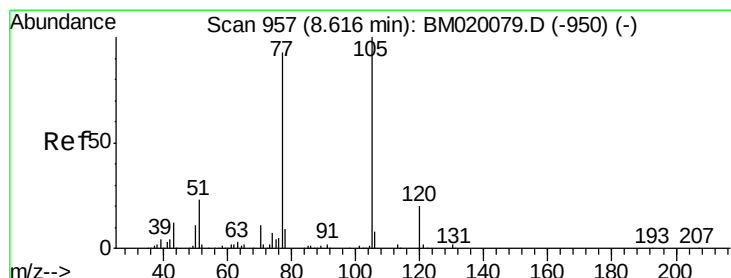
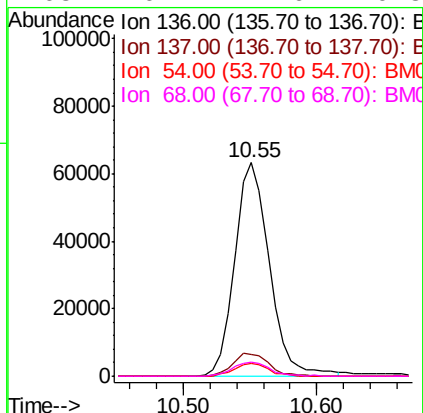
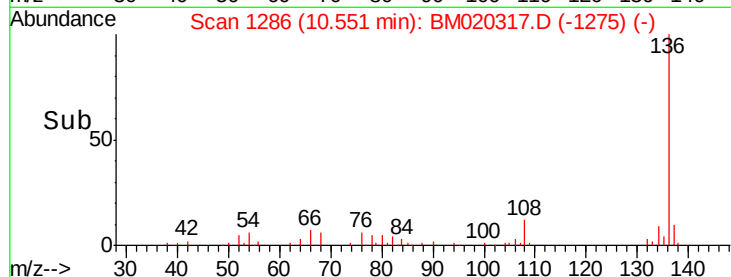
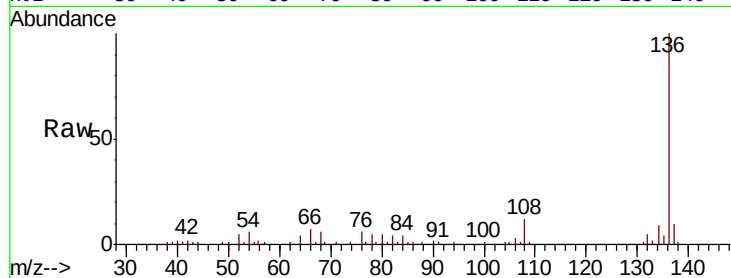
Time-->



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1286
Delta R.T. -0.04 min
Lab File: BM020317.D
Acq: 13 May 2019 15:45

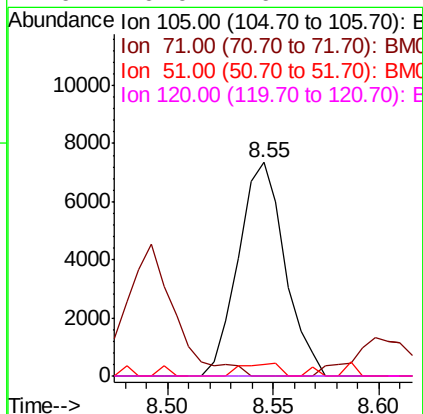
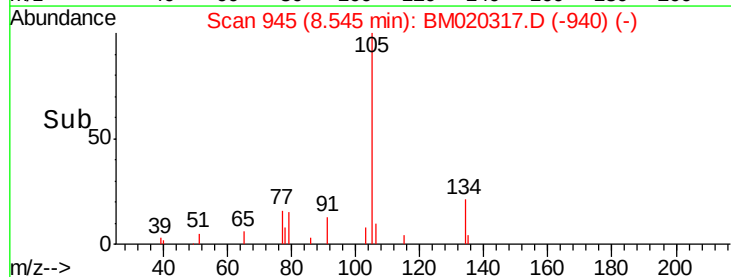
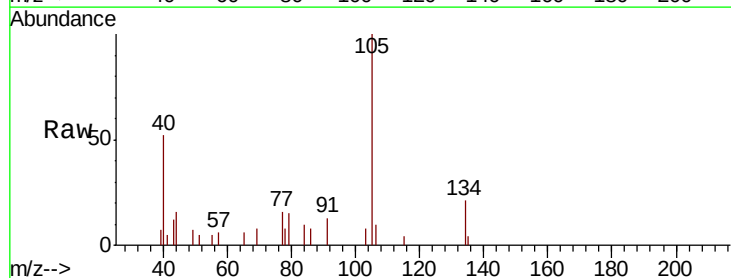
Instrument :
BNA_M
ClientSampled :
12-B2

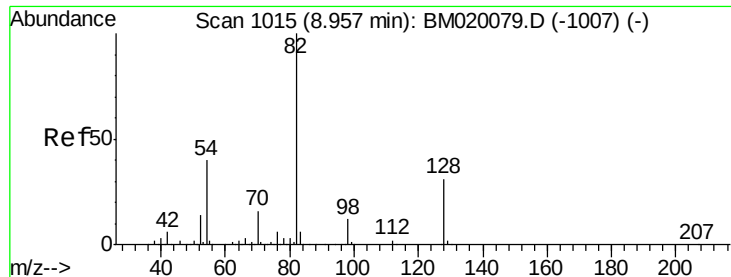
Tgt Ion:	136	Resp:	113998
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.6	14.4
54	5.9	5.5	8.3
68	6.4	4.6	6.8



#22
Acetophenone
Concen: 3.608 ng
RT: 8.55 min Scan# 945
Delta R.T. -0.07 min
Lab File: BM020317.D
Acq: 13 May 2019 15:45

Tgt Ion:	105	Resp:	11241
Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.2	3.2#
51	5.4	19.3	28.9#
120	0.0	16.2	24.4#

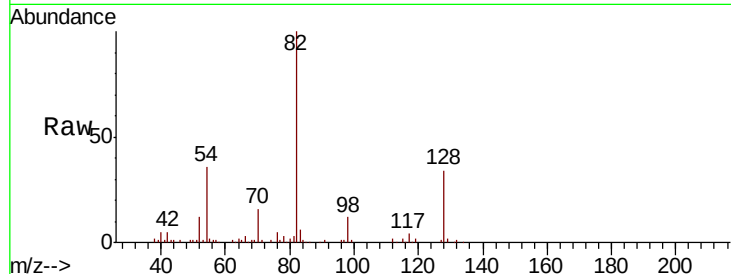




#23
 Nitrobenzene-d5
 Concen: 65.312 ng
 RT: 8.93 min Scan# 1010
 Delta R.T. -0.03 min
 Lab File: BM020317.D
 Acq: 13 May 2019 15:45

Instrument :
 BNA_M
 ClientSampled :
 12-B2

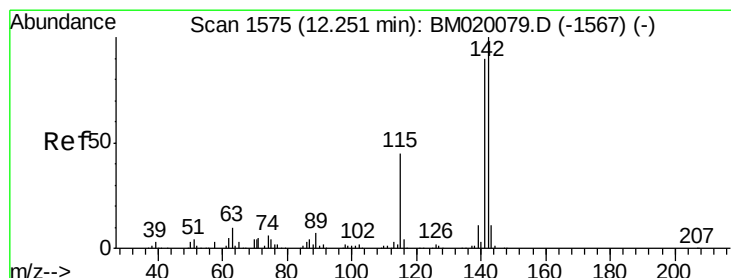
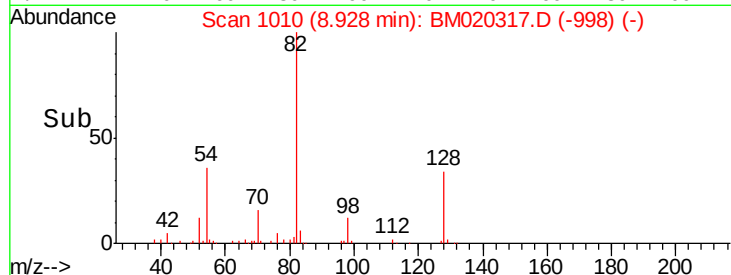
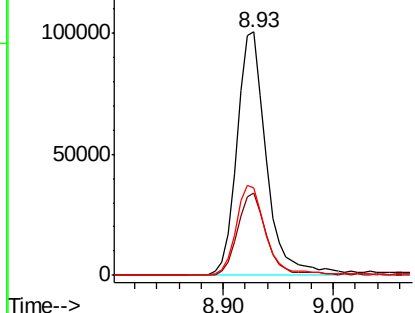
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.7	25.2	37.8
54	36.0	31.9	47.9



Abundance Ion 82.00 (81.70 to 82.70): BM020317.D (-998) (-)

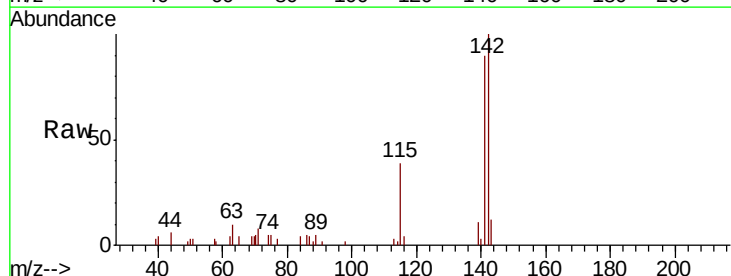
Ion 128.00 (127.70 to 128.70): BM020317.D (-998) (-)

Ion 54.00 (53.70 to 54.70): BM020317.D (-998) (-)



#37
 2-Methylnaphthalene
 Concen: 7.501 ng
 RT: 12.22 min Scan# 1569
 Delta R.T. -0.04 min
 Lab File: BM020317.D
 Acq: 13 May 2019 15:45

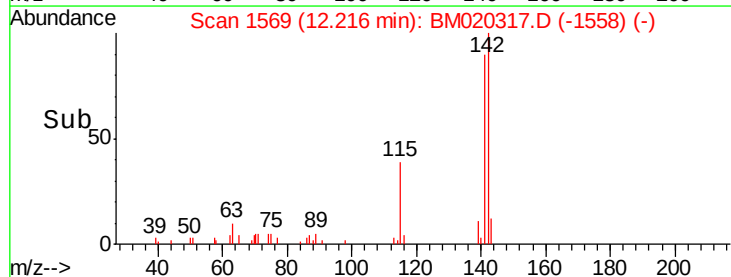
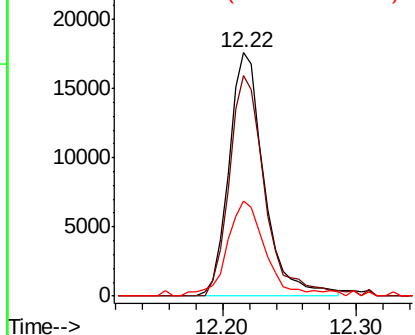
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.6	107.4
115	39.1	35.8	53.6

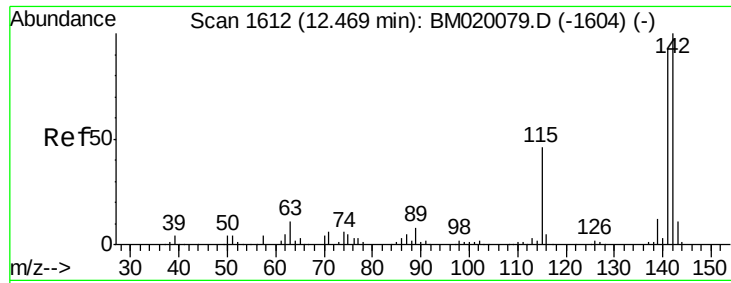


Abundance Ion 142.00 (141.70 to 142.70): BM020317.D (-1558) (-)

Ion 141.00 (140.70 to 141.70): BM020317.D (-1558) (-)

Ion 115.00 (114.70 to 115.70): BM020317.D (-1558) (-)

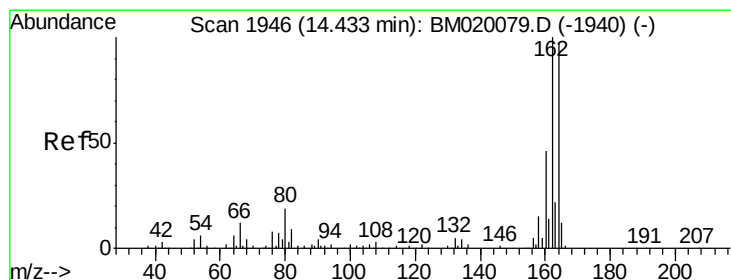
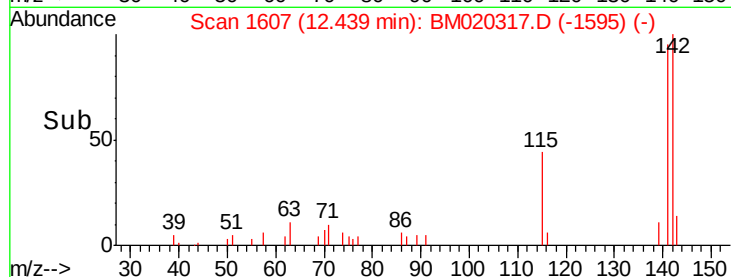
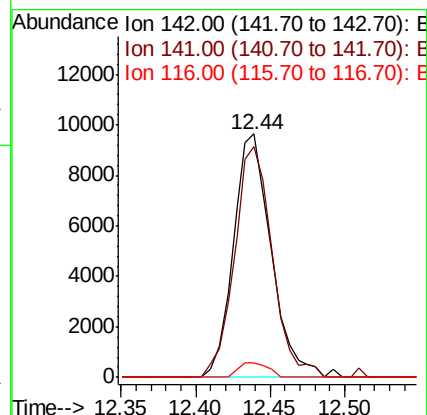
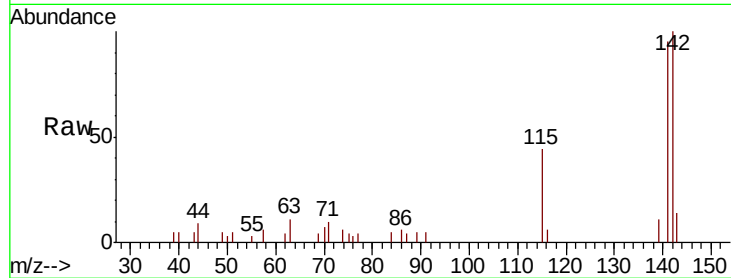




#38
 1-Methylnaphthalene
 Concen: 4.053 ng
 RT: 12.44 min Scan# 1607
 Delta R.T. -0.03 min
 Lab File: BM020317.D
 Acq: 13 May 2019 15:45

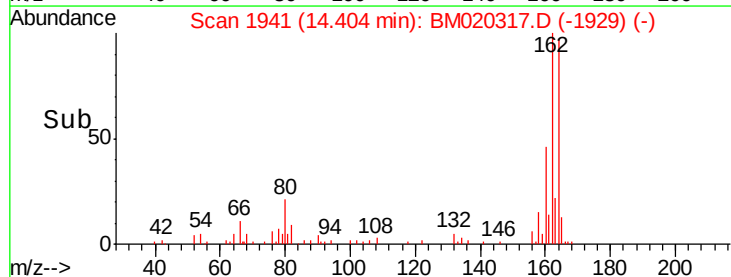
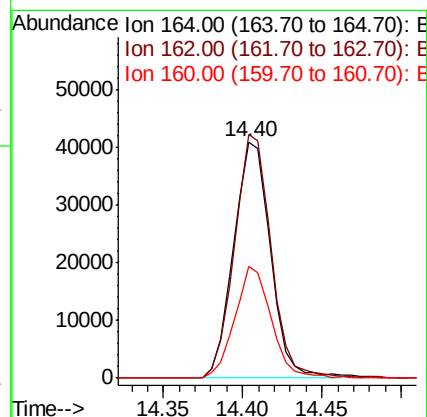
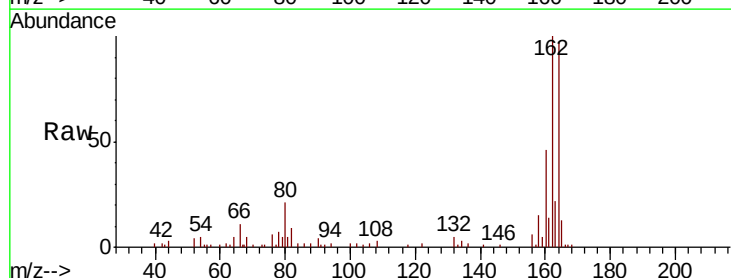
Instrument :
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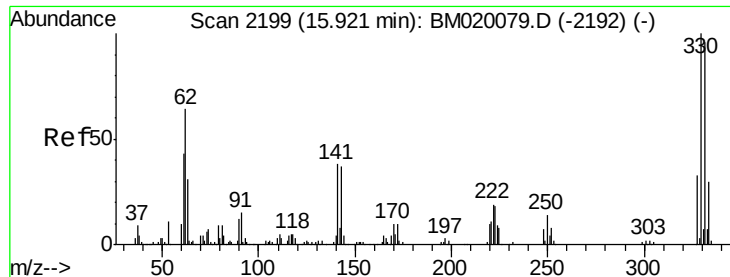
Tgt Ion:142 Resp: 17091
 Ion Ratio Lower Upper
 142 100
 141 94.6 74.8 112.2
 116 5.9 3.9 5.9#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.40 min Scan# 1941
 Delta R.T. -0.03 min
 Lab File: BM020317.D
 Acq: 13 May 2019 15:45

Tgt Ion:164 Resp: 66322
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.2 123.2
 160 47.4 37.6 56.4

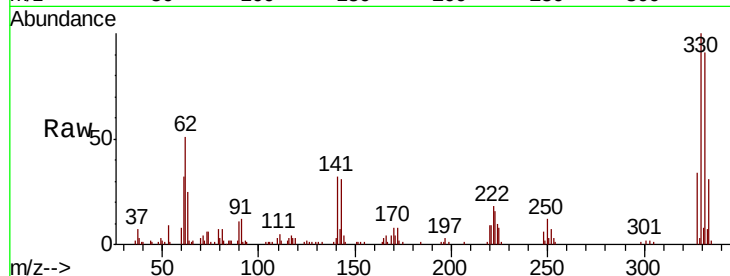




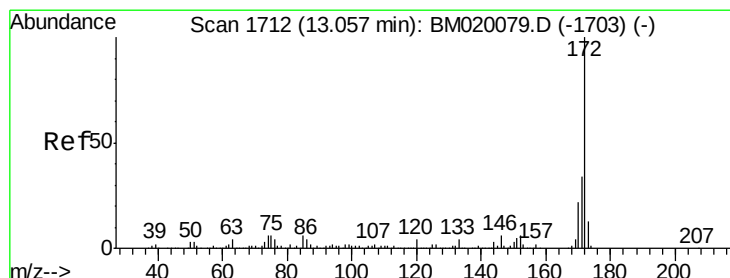
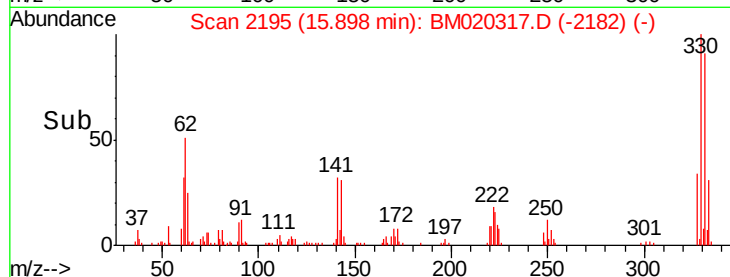
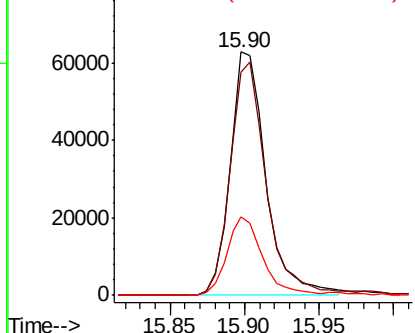
#42
 2,4,6-Tribromophenol
 Concen: 102.134 ng
 RT: 15.90 min Scan# 2195
 Delta R.T. -0.02 min
 Lab File: BM020317.D
 Acq: 13 May 2019 15:45

Instrument :
 BNA_M
 ClientSampleId :
 12-B2

Tgt Ion:330 Resp: 105141
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.8 115.2
 141 32.0 29.2 43.8

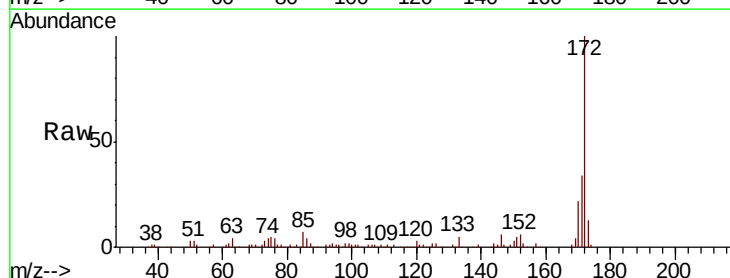


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

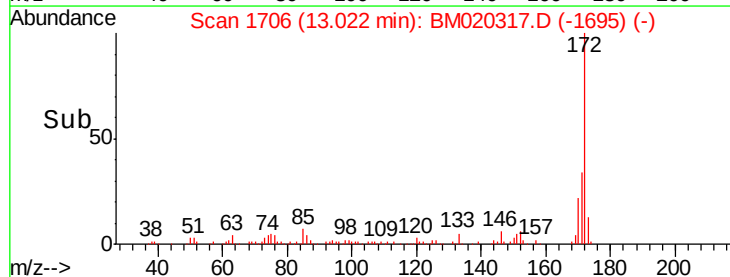
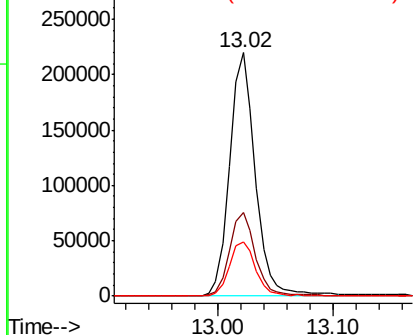


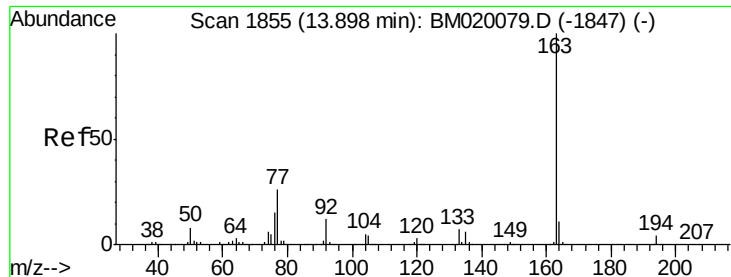
#45
 2-Fluorobiphenyl
 Concen: 62.980 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.04 min
 Lab File: BM020317.D
 Acq: 13 May 2019 15:45

Tgt Ion:172 Resp: 339492
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.3 40.9
 170 22.4 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: 9.436 ng

RT: 13.86 min Scan# 1849

Delta R.T. -0.04 min

Lab File: BM020317.D

Acq: 13 May 2019 15:45

Instrument :

BNA_M

ClientSampleId :

12-B2

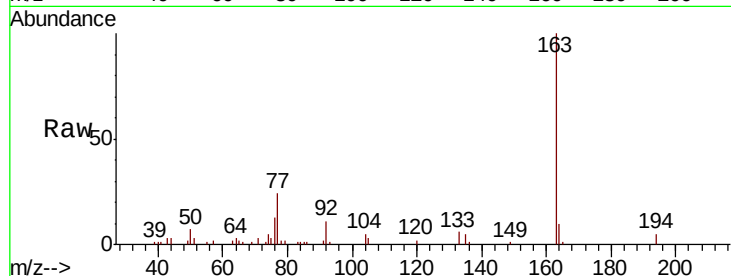
Tgt Ion:163 Resp: 53192

Ion Ratio Lower Upper

163 100

194 5.4 3.6 5.4

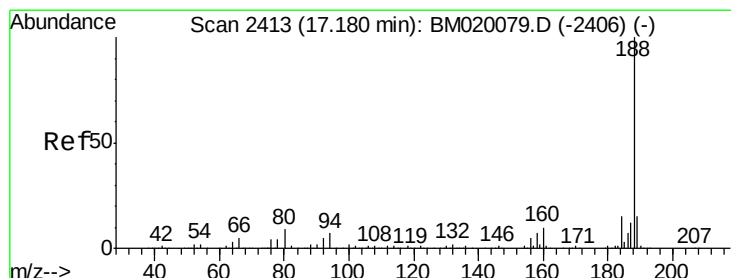
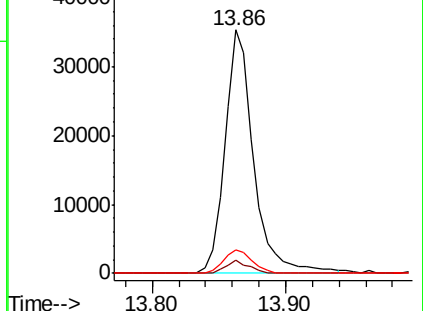
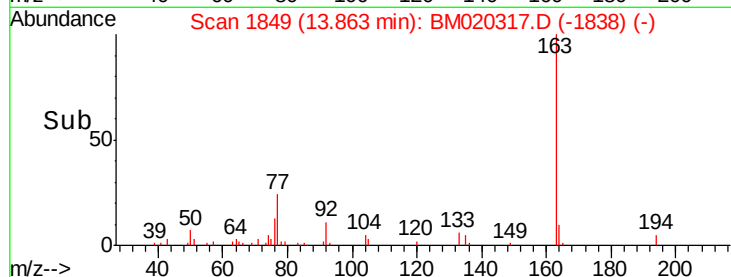
164 9.8 8.4 12.6



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# 2409

Delta R.T. -0.02 min

Lab File: BM020317.D

Acq: 13 May 2019 15:45

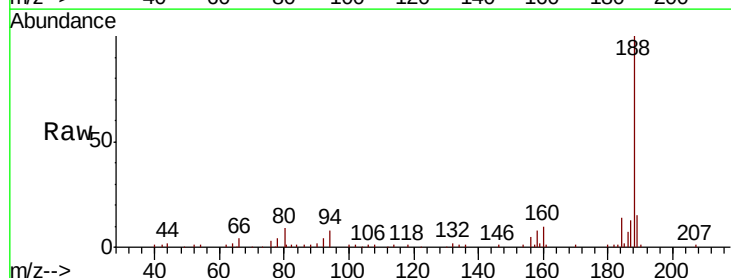
Tgt Ion:188 Resp: 146588

Ion Ratio Lower Upper

188 100

94 7.9 5.8 8.6

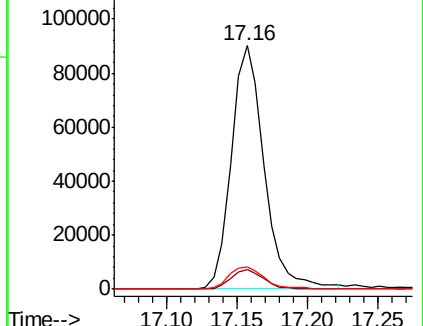
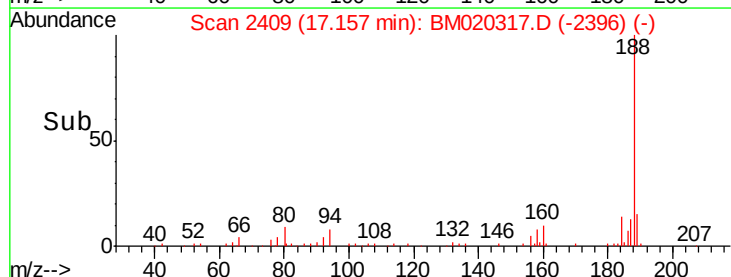
80 9.1 7.4 11.2

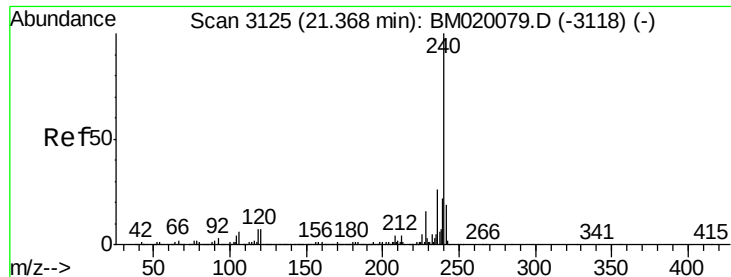


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

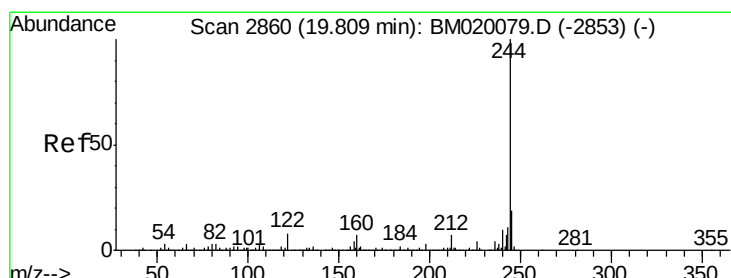
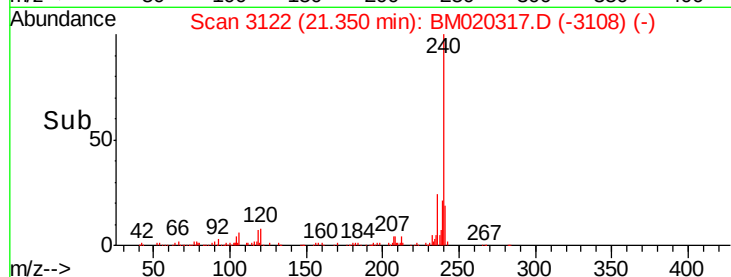
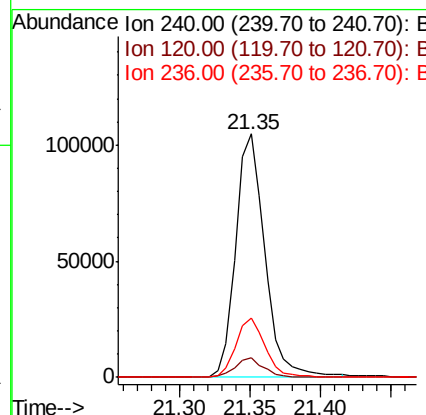
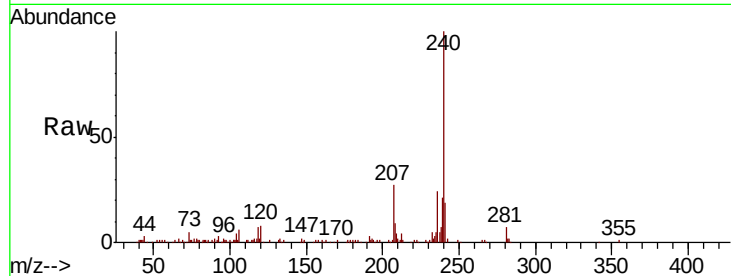




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BM020317.D
Acq: 13 May 2019 15:45

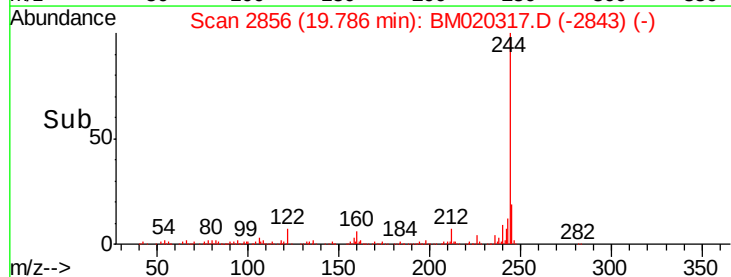
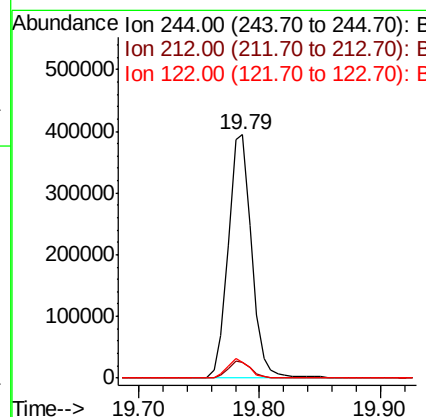
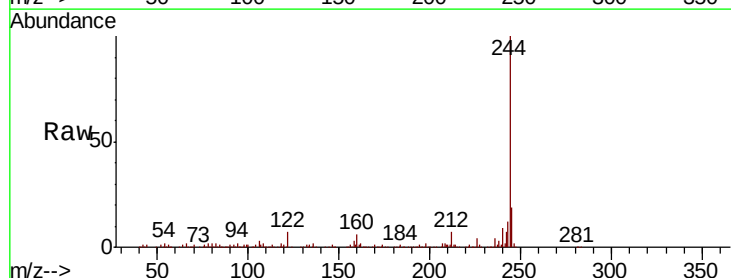
Instrument :
BNA_M
ClientSampled :
12-B2

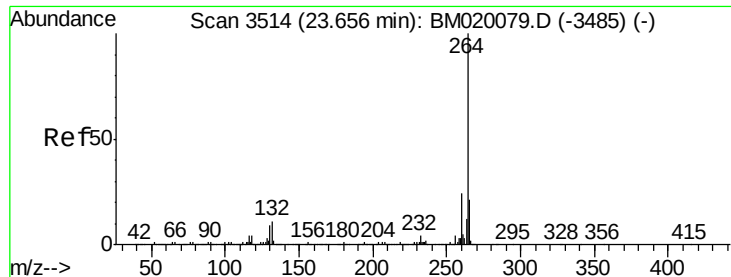
Tgt Ion:240 Resp: 151219
Ion Ratio Lower Upper
240 100
120 8.3 5.6 8.4
236 24.2 20.9 31.3



#79
Terphenyl-d14
Concen: 61.104 ng
RT: 19.79 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BM020317.D
Acq: 13 May 2019 15:45

Tgt Ion:244 Resp: 529756
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 6.6 6.2 9.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BM020317.D
Acq: 13 May 2019 15:45

Instrument :
BNA_M
ClientSampleId :
12-B2

Tgt Ion: 264 Resp: 168473

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	25.7	16.9	25.3

