

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
 Data File : BM028577.D
 Acq On : 27 Jan 2021 19:45
 Operator : CG/JU
 Sample : M1236-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2922

Quant Time: Jan 27 23:34:41 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 27 13:20:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

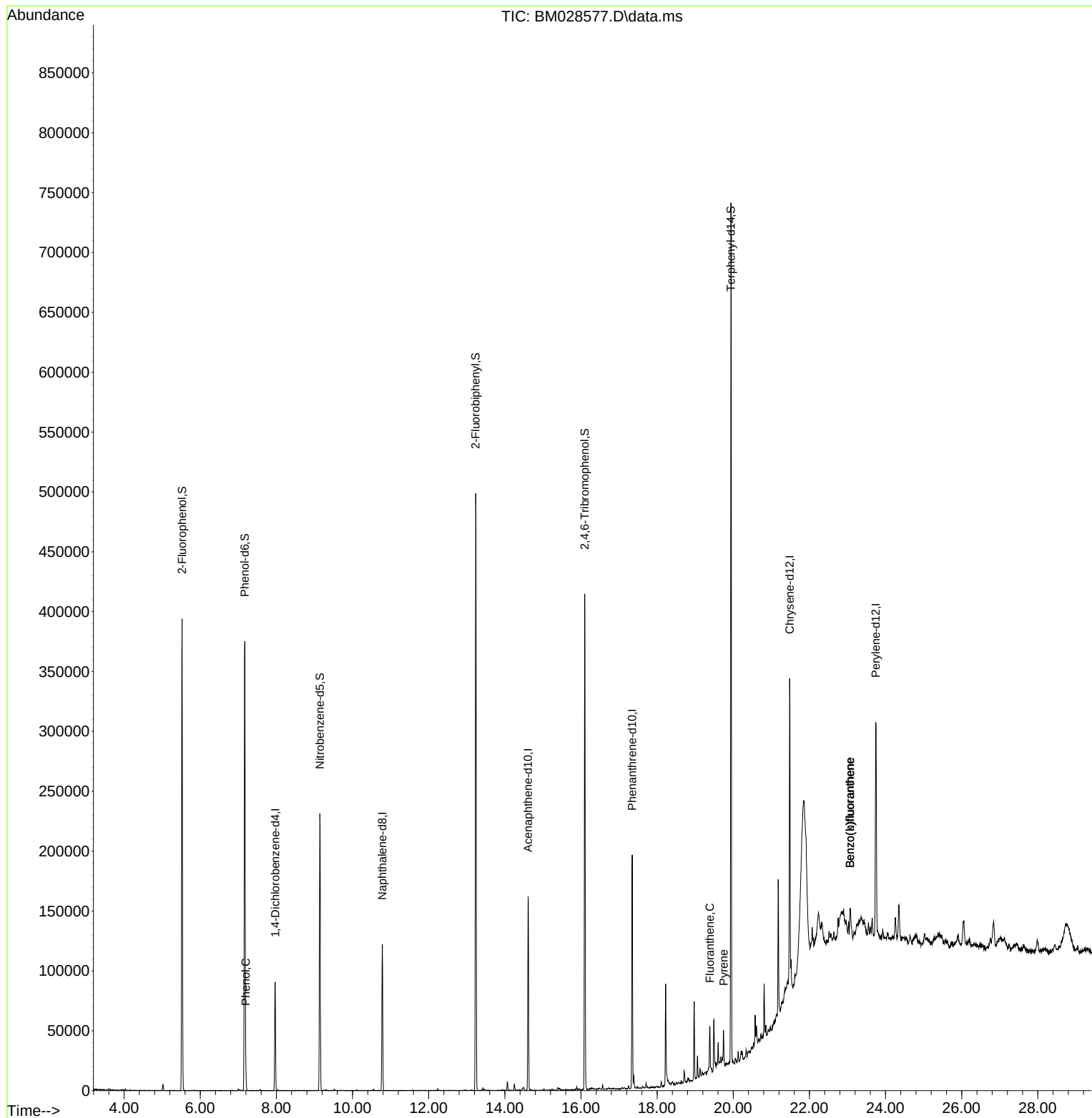
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	24853	20.00	ng	0.00
21) Naphthalene-d8	10.781	136	98390	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	54020	20.00	ng	-0.01
64) Phenanthrene-d10	17.345	188	108526	20.00	ng	# 0.00
76) Chrysene-d12	21.480	240	109488	20.00	ng	# 0.00
86) Perylene-d12	23.744	264	117106	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	161476	102.63	ng	-0.01
7) Phenol-d6	7.169	99	207389	96.81	ng	-0.02
23) Nitrobenzene-d5	9.140	82	125316	60.41	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	70625	98.67	ng	-0.01
45) 2-Fluorobiphenyl	13.233	172	250222	58.11	ng	0.00
79) Terphenyl-d14	19.939	244	291964	48.15	ng	0.00
Target Compounds						
10) Phenol	7.193	94	5831	2.89	ng	Qvalue 97
75) Fluoranthene	19.386	202	17984	2.40	ng	98
78) Pyrene	19.745	202	16172	2.06	ng	100
88) Benzo(b)fluoranthene	23.062	252	20364	2.56	ng	# 86
89) Benzo(k)fluoranthene	23.062	252	20364	2.62	ng	# 86

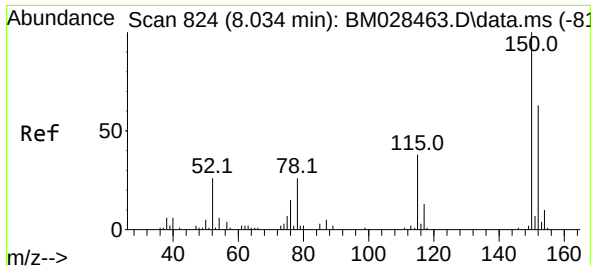
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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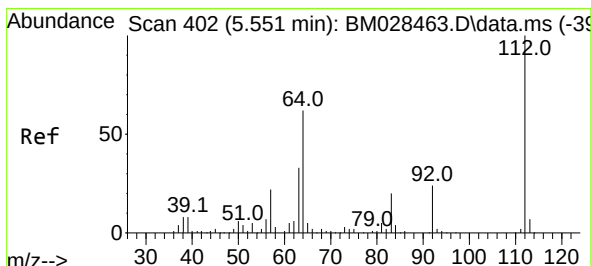
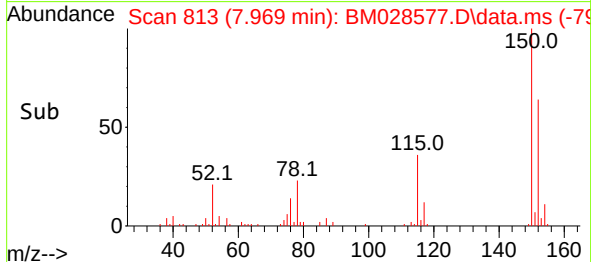
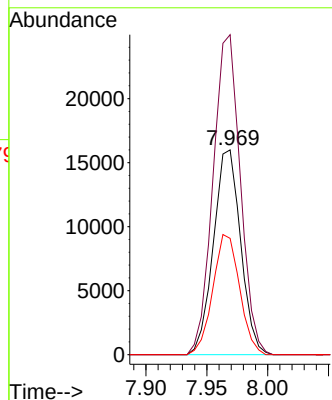
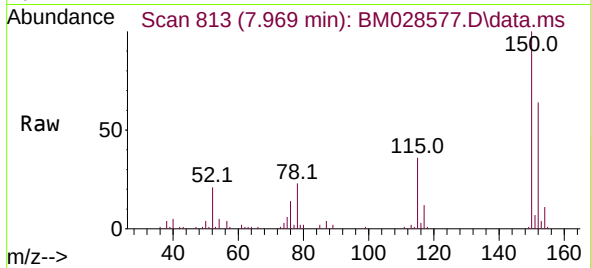




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.969 min Scan# 813
Delta R.T. 0.000 min
Lab File: BM028577.D
Acq: 27 Jan 2021 19:45

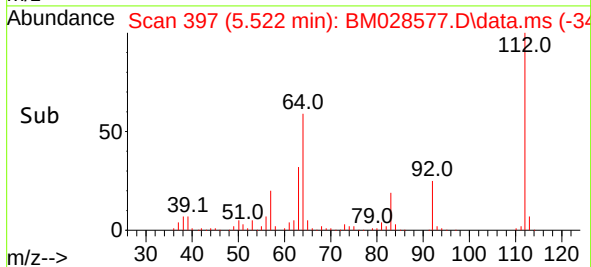
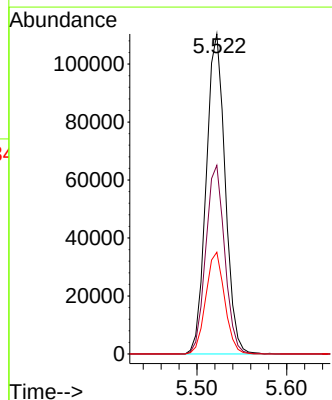
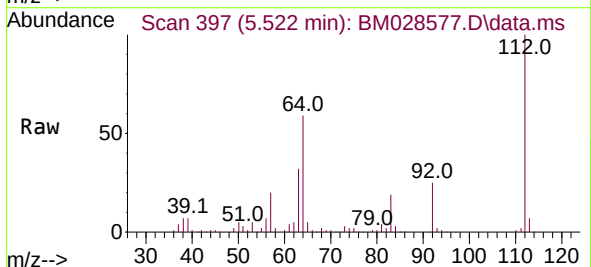
Instrument :
BNA_M
ClientSampleId :
2922

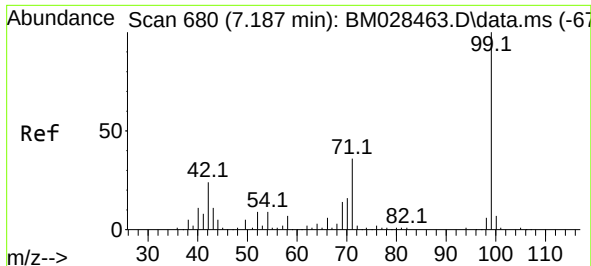
Tgt Ion:152 Resp: 24853
Ion Ratio Lower Upper
152 100
150 156.2 120.6 181.0
115 56.8 47.2 70.8



#5
2-Fluorophenol
Concen: 102.63 ng
RT: 5.522 min Scan# 397
Delta R.T. -0.012 min
Lab File: BM028577.D
Acq: 27 Jan 2021 19:45

Tgt Ion:112 Resp: 161476
Ion Ratio Lower Upper
112 100
64 58.9 50.6 76.0
63 31.8 31.0 46.6

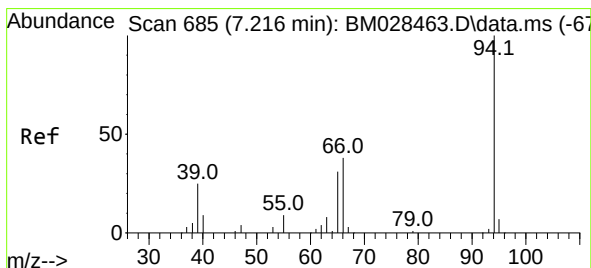
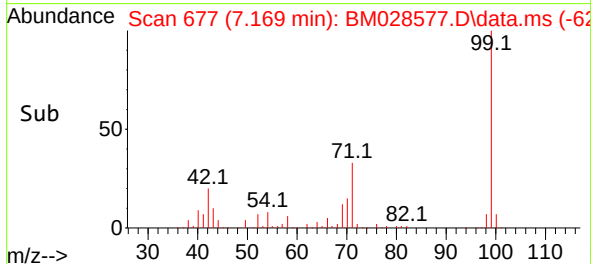
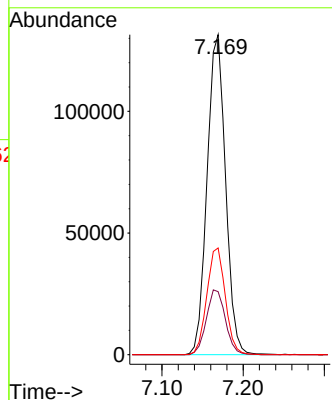
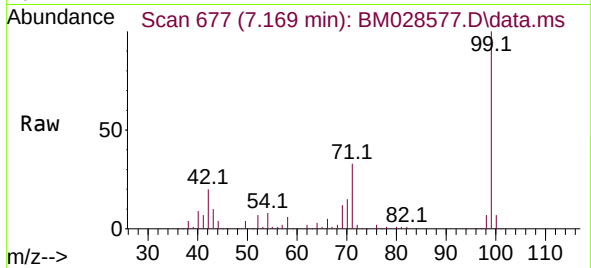




#7
Phenol-d6
Concen: 96.81 ng
RT: 7.169 min Scan# 677
Delta R.T. -0.018 min
Lab File: BM028577.D
Acq: 27 Jan 2021 19:45

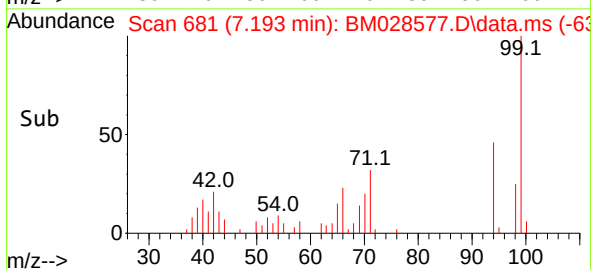
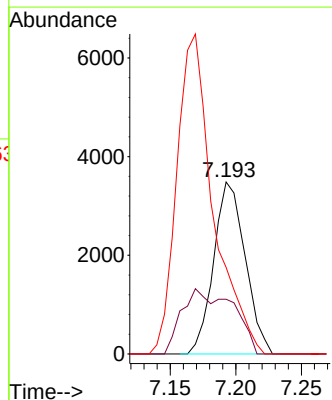
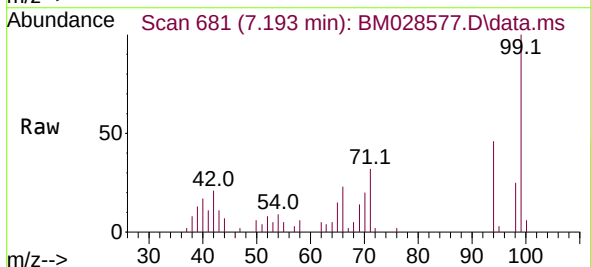
Instrument :
BNA_M
ClientSampleId :
2922

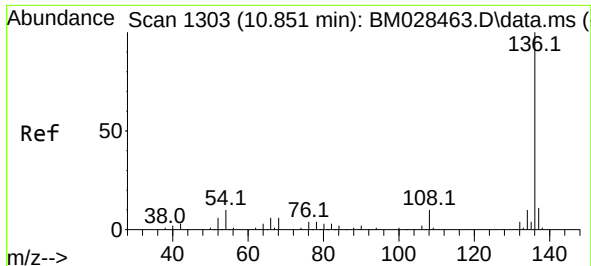
Tgt Ion: 99 Resp: 207389
Ion Ratio Lower Upper
99 100
42 19.7 13.5 20.3
71 33.3 39.4 59.0#



#10
Phenol
Concen: 2.89 ng
RT: 7.193 min Scan# 681
Delta R.T. -0.018 min
Lab File: BM028577.D
Acq: 27 Jan 2021 19:45

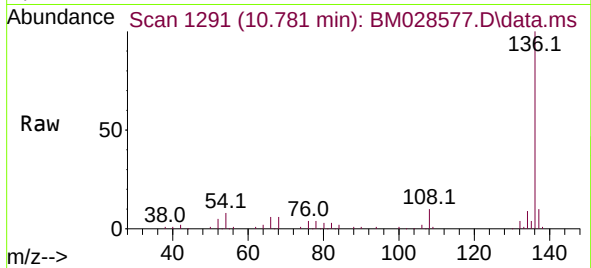
Tgt Ion: 94 Resp: 5831
Ion Ratio Lower Upper
94 100
65 31.8 16.4 56.4
66 50.4 30.2 70.2



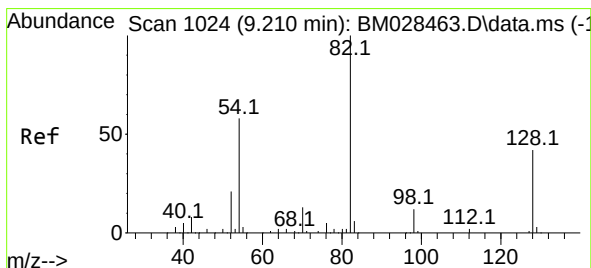
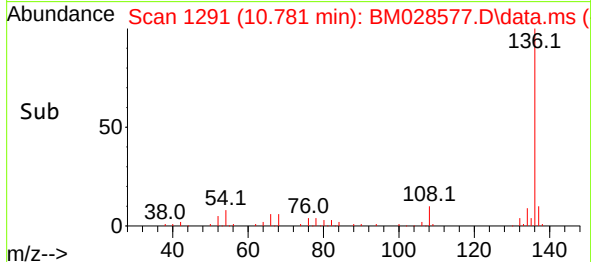
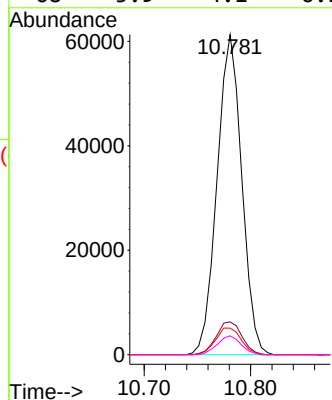


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM028577.D
Acq: 27 Jan 2021 19:45

Instrument :
BNA_M
ClientSampleId :
2922

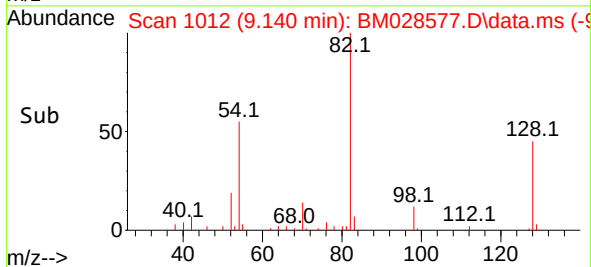
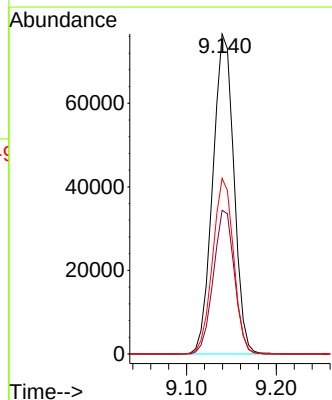
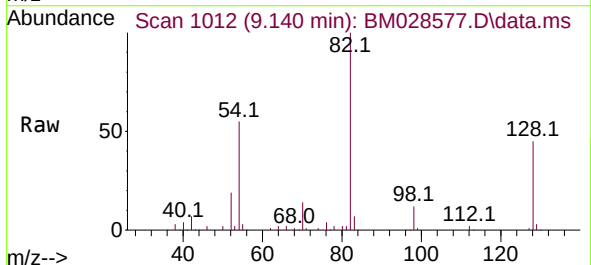


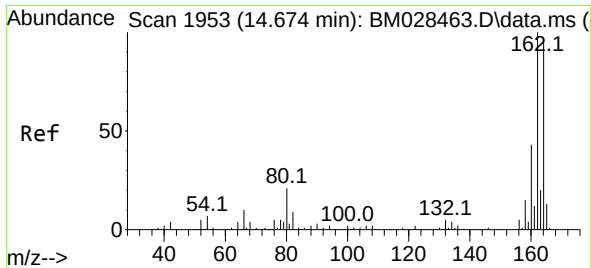
Tgt Ion:136 Resp: 98390
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 8.3 4.6 7.0#
68 5.9 4.1 6.1



#23
Nitrobenzene-d5
Concen: 60.41 ng
RT: 9.140 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BM028577.D
Acq: 27 Jan 2021 19:45

Tgt Ion: 82 Resp: 125316
Ion Ratio Lower Upper
82 100
128 44.9 27.4 41.0#
54 54.9 31.4 47.0#

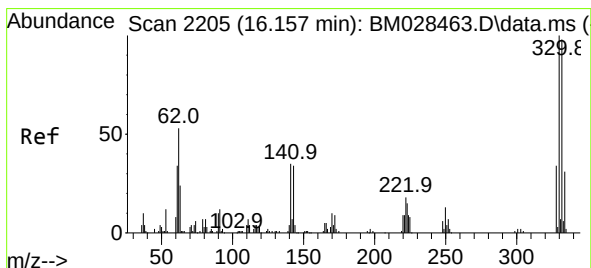
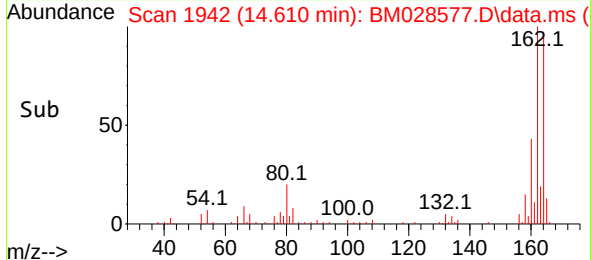
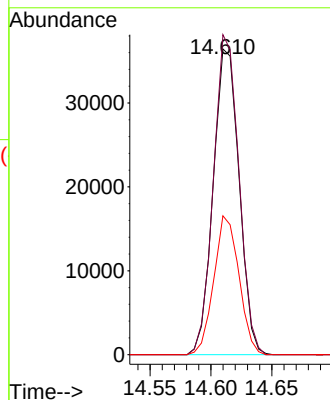
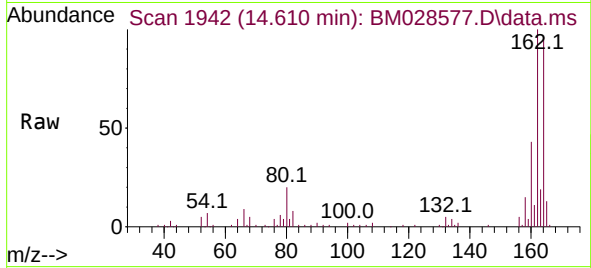




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM028577.D
Acq: 27 Jan 2021 19:45

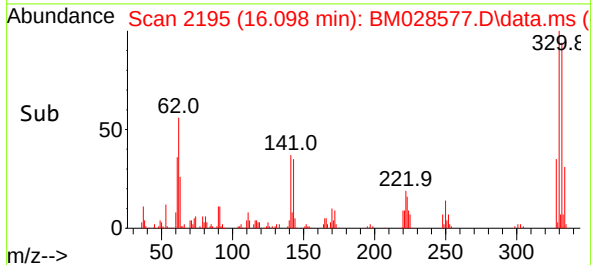
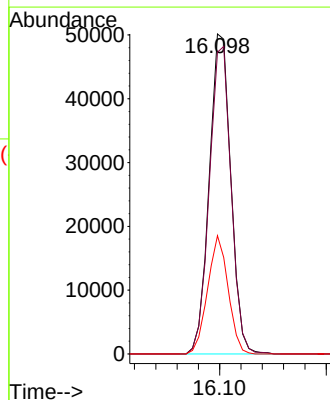
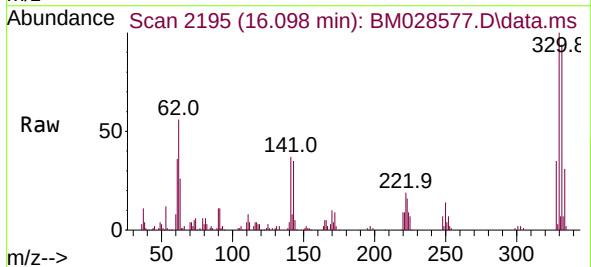
Instrument :
BNA_M
ClientSampleId :
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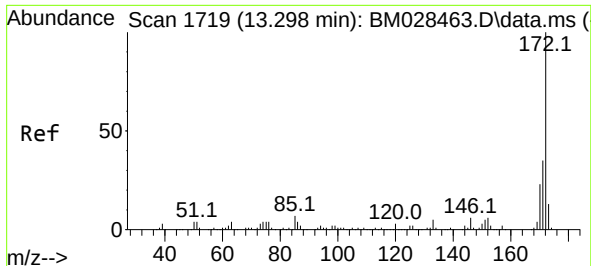
Tgt Ion:164	Resp:	54020
Ion Ratio	Lower	Upper
164	100	
162	104.7	80.4 120.6
160	45.4	35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 98.67 ng
RT: 16.098 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM028577.D
Acq: 27 Jan 2021 19:45

Tgt Ion:330	Resp:	70625
Ion Ratio	Lower	Upper
330	100	
332	96.6	77.8 116.8
141	35.1	28.4 42.6

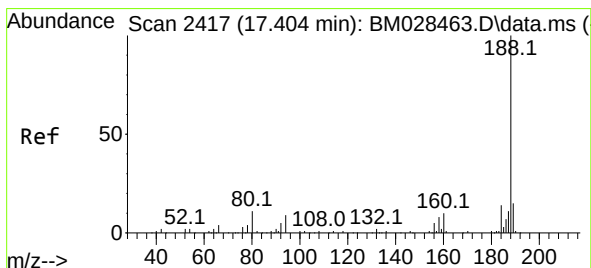
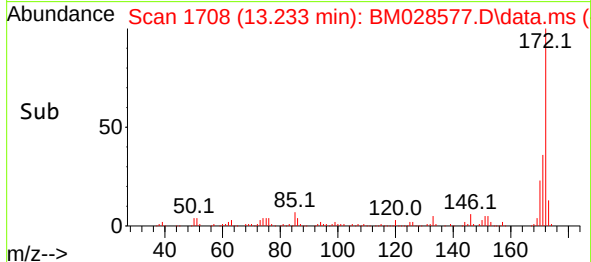
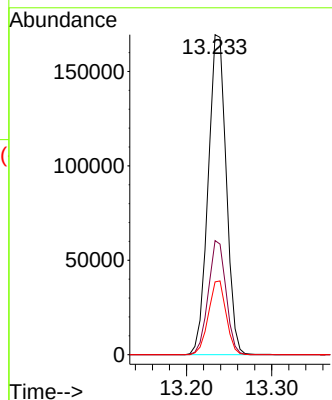
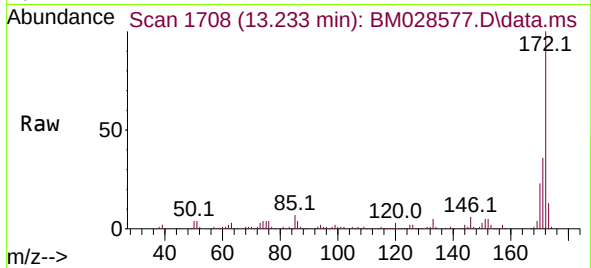




#45
2-Fluorobiphenyl
Concen: 58.11 ng
RT: 13.233 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM028577.D
Acq: 27 Jan 2021 19:45

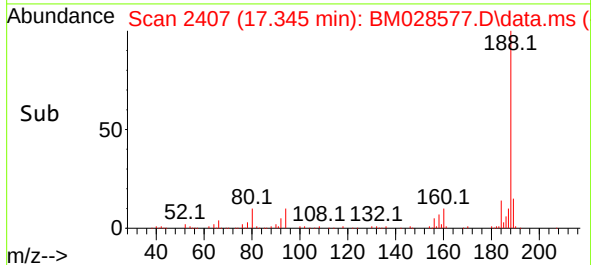
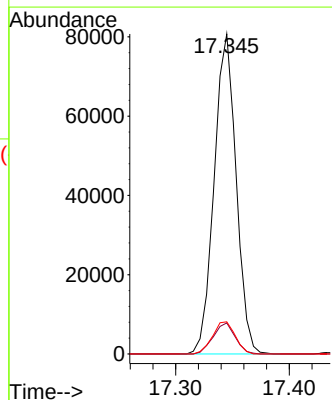
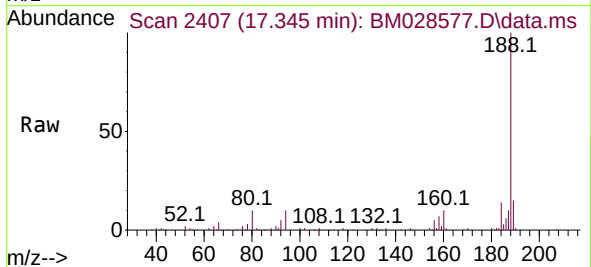
Instrument :
BNA_M
ClientSampleId :
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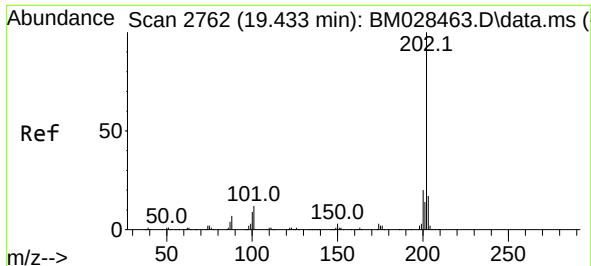
Tgt Ion:172 Resp: 250222
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.8
170 22.7 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM028577.D
Acq: 27 Jan 2021 19:45

Tgt Ion:188 Resp: 108526
Ion Ratio Lower Upper
188 100
94 9.7 6.2 9.4#
80 10.1 7.5 11.3

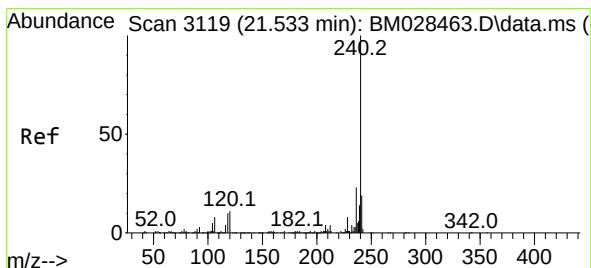
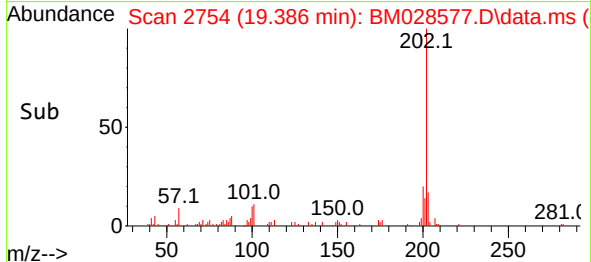
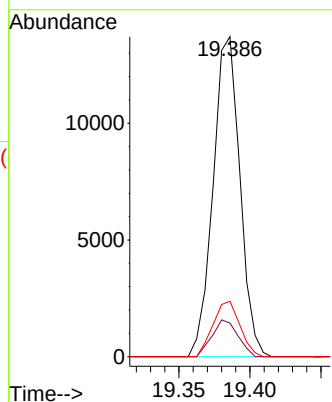
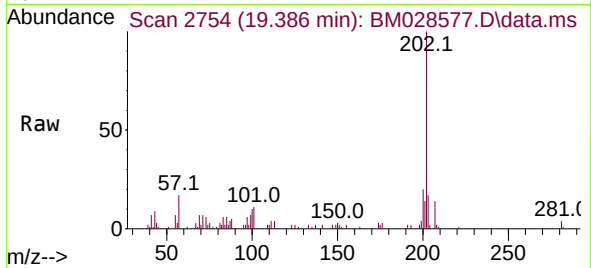




#75
Fluoranthene
Concen: 2.40 ng
RT: 19.386 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BM028577.D
Acq: 27 Jan 2021 19:45

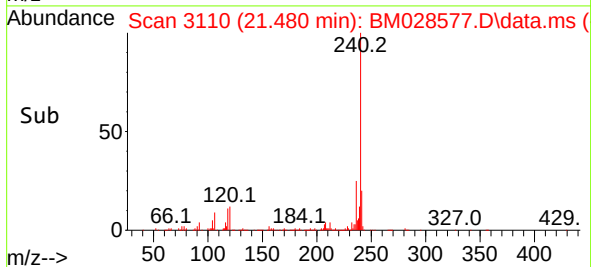
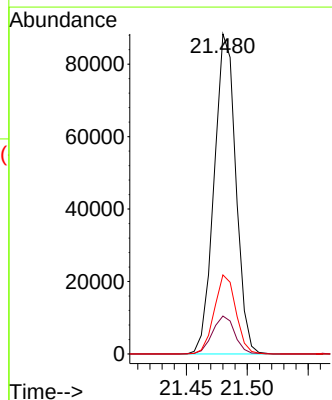
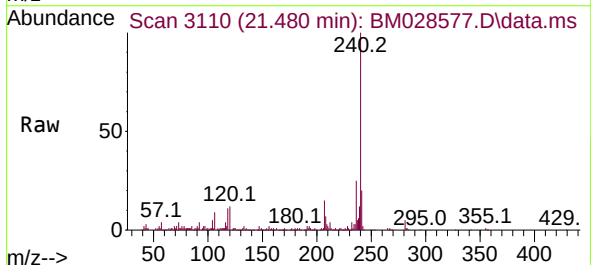
Instrument :
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ClientSampleId :
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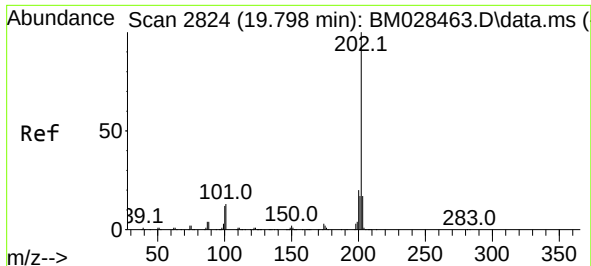
Tgt Ion:	202	Resp:	17984
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	28.5
203	17.3	0.0	37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.480 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM028577.D
Acq: 27 Jan 2021 19:45

Tgt Ion:	240	Resp:	109488
Ion Ratio	Lower	Upper	
240	100		
120	11.9	6.4	9.6#
236	24.7	20.1	30.1

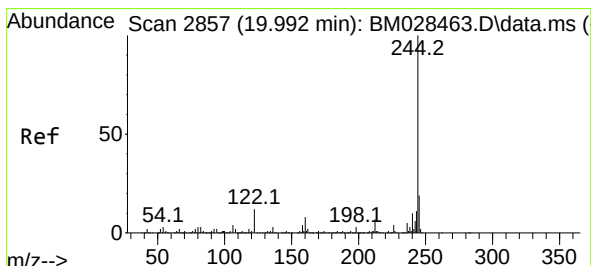
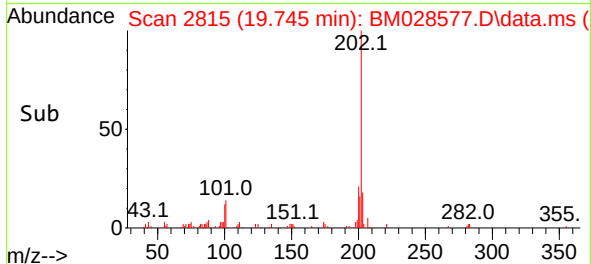
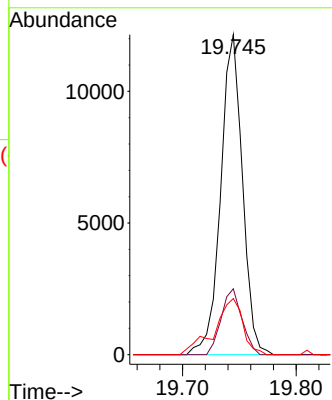
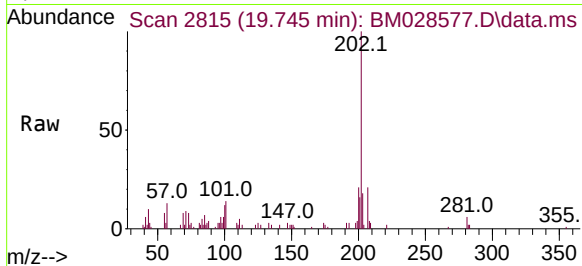




#78
Pyrene
Concen: 2.06 ng
RT: 19.745 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BM028577.D
Acq: 27 Jan 2021 19:45

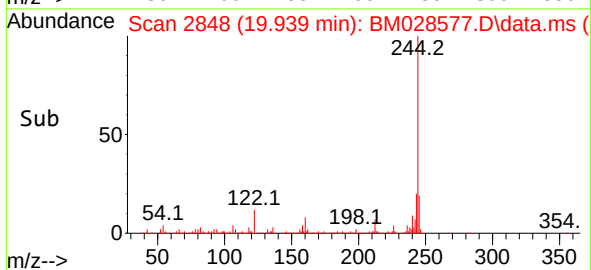
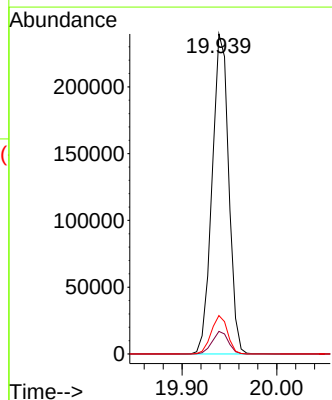
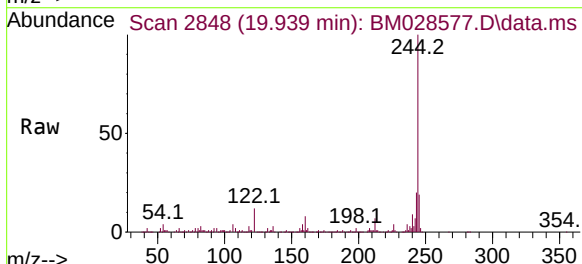
Instrument :
BNA_M
ClientSampleId :
2922

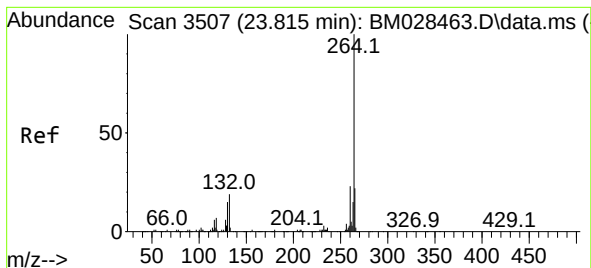
Tgt Ion:	202	Resp:	16172
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.6	24.8
203	17.6	13.8	20.6



#79
Terphenyl-d14
Concen: 48.15 ng
RT: 19.939 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BM028577.D
Acq: 27 Jan 2021 19:45

Tgt Ion:	244	Resp:	291964
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.8	8.8
122	12.0	6.5	9.7#





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.744 min Scan# 3495

Delta R.T. -0.006 min

Lab File: BM028577.D

Acq: 27 Jan 2021 19:45

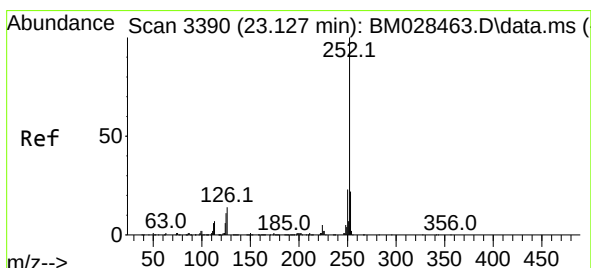
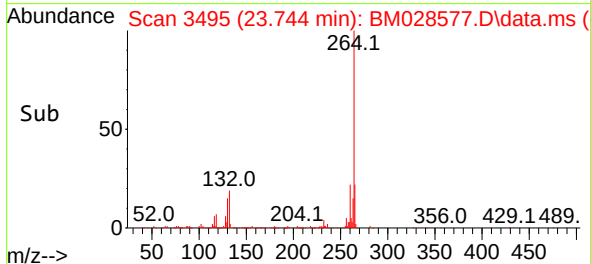
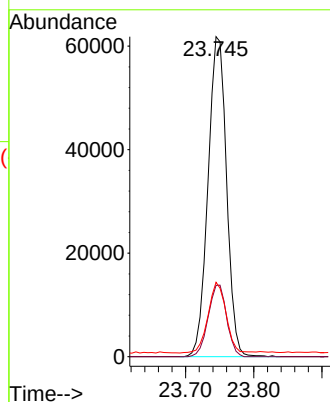
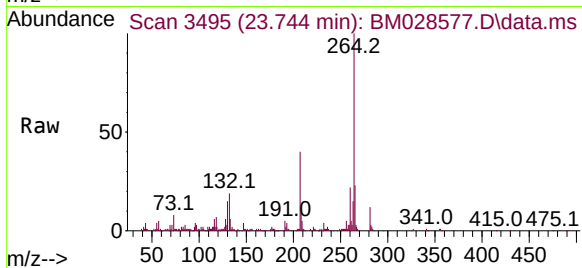
Tgt Ion:264 Resp: 117106

Ion Ratio Lower Upper

264 100

260 22.3 19.0 28.4

265 23.2 17.7 26.5



#88

Benzo(b)fluoranthene

Concen: 2.56 ng

RT: 23.062 min Scan# 3379

Delta R.T. -0.012 min

Lab File: BM028577.D

Acq: 27 Jan 2021 19:45

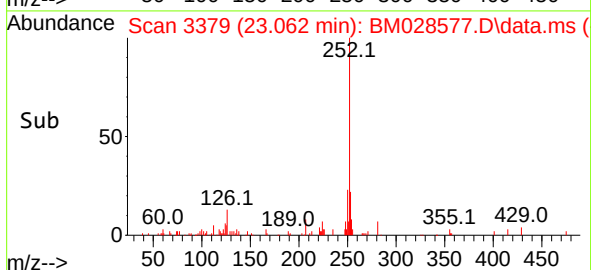
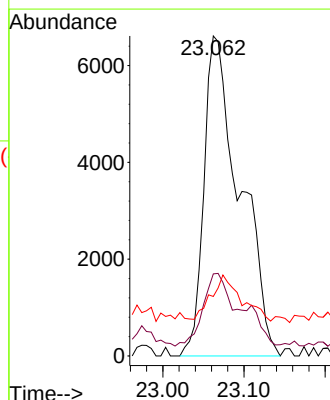
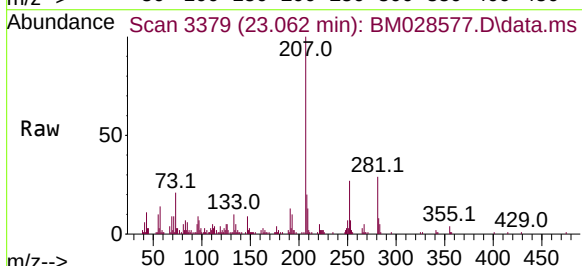
Tgt Ion:252 Resp: 20364

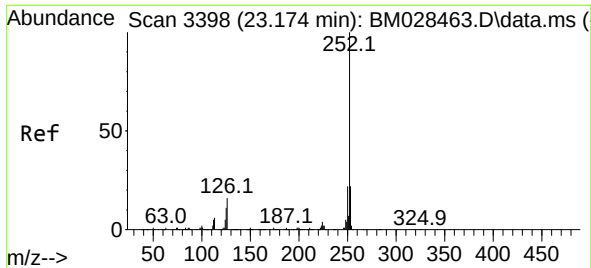
Ion Ratio Lower Upper

252 100

253 25.6 17.4 26.0

125 18.6 5.7 8.5#





#89
Benzo(k)fluoranthene
Concen: 2.62 ng
RT: 23.062 min Scan# 3379
Delta R.T. -0.053 min
Lab File: BM028577.D
Acq: 27 Jan 2021 19:45

Instrument :
BNA_M
ClientSampleId :
2922

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.4	26.0
125	18.6	5.6	8.4#

