

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031221\
 Data File : BM029123.D
 Acq On : 12 Mar 2021 22:27
 Operator : CG/JU
 Sample : M1650-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 12 23:44:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 12 12:30:15 2021
 Response via : Initial Calibration

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

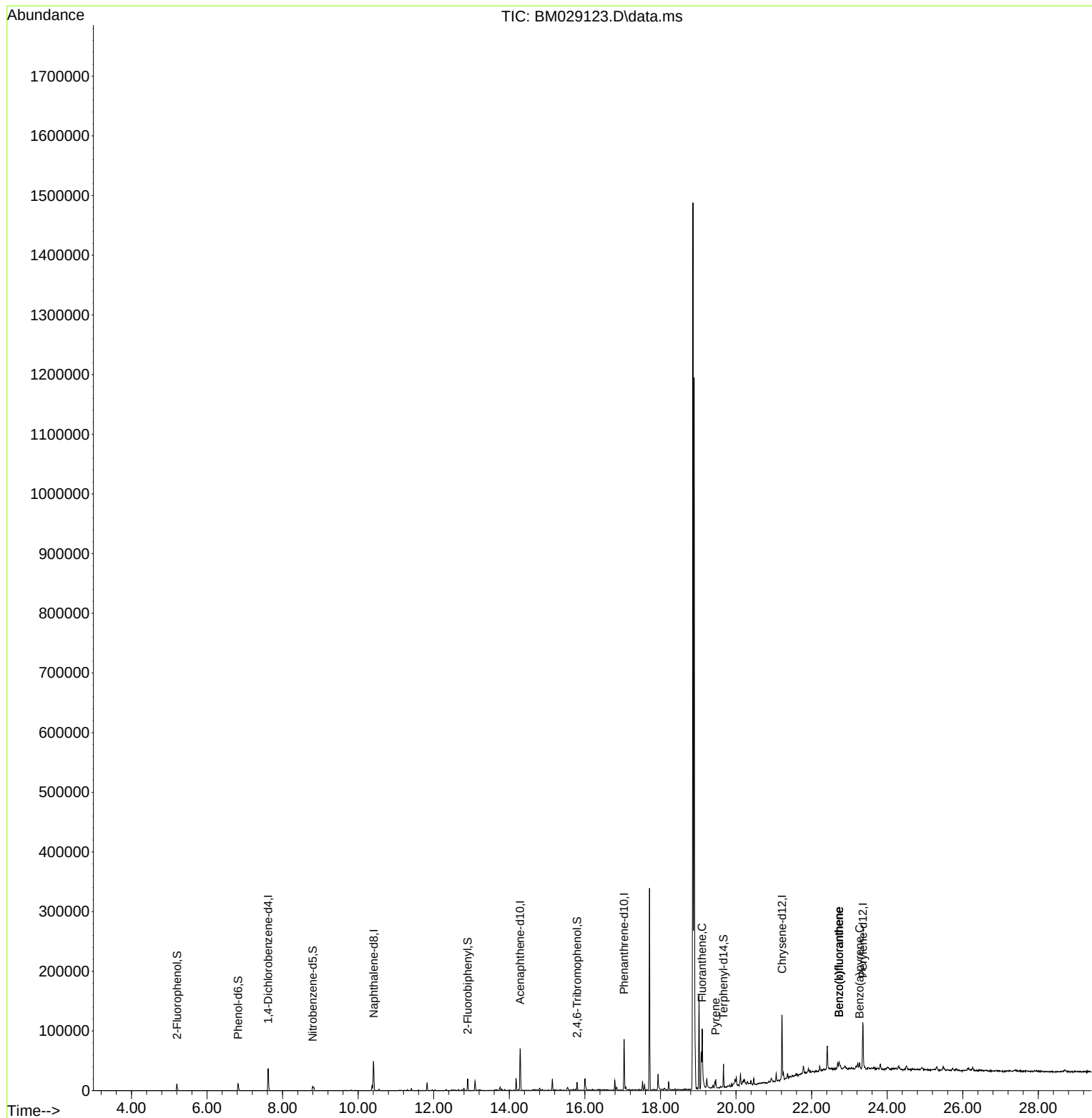
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	9888	20.00	ng	0.00
21) Naphthalene-d8	10.410	136	39545	20.00	ng	# 0.00
39) Acenaphthene-d10	14.286	164	23006	20.00	ng	-0.01
64) Phenanthrene-d10	17.039	188	46439	20.00	ng	0.00
76) Chrysene-d12	21.221	240	42787	20.00	ng	# 0.00
86) Perylene-d12	23.356	264	45334	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.204	112	5749	9.64	ng	0.00
7) Phenol-d6	6.822	99	7030	8.92	ng	0.00
23) Nitrobenzene-d5	8.798	82	4647	6.34	ng	0.00
42) 2,4,6-Tribromophenol	15.792	330	2379	8.72	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	11015	6.37	ng	0.00
79) Terphenyl-d14	19.668	244	14953	6.45	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.098	202	8613	2.83	ng	95
78) Pyrene	19.462	202	8487	2.70	ng	98
88) Benzo(b)fluoranthene	22.727	252	8079	2.52	ng	# 94
89) Benzo(k)fluoranthene	22.727	252	8079	2.66	ng	# 94
90) Benzo(a)pyrene	23.268	252	6150	2.10	ng	# 88

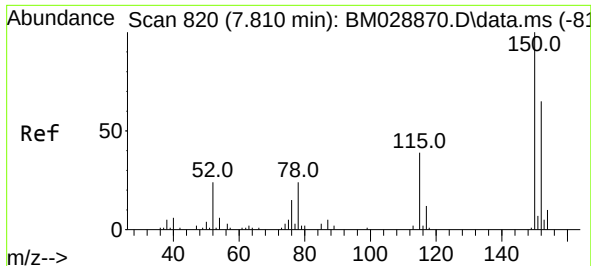
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Mar 12 23:44:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
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QLast Update : Fri Mar 12 12:30:15 2021
Response via : Initial Calibration

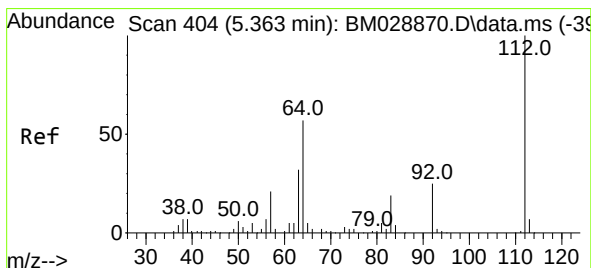
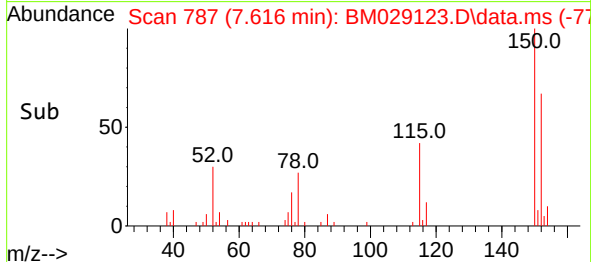
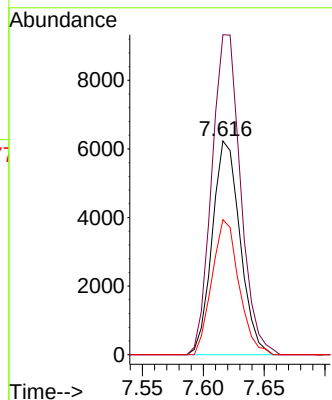
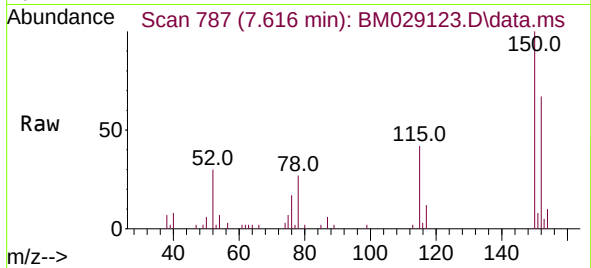




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 787
Delta R.T. -0.006 min
Lab File: BM029123.D
Acq: 12 Mar 2021 22:27

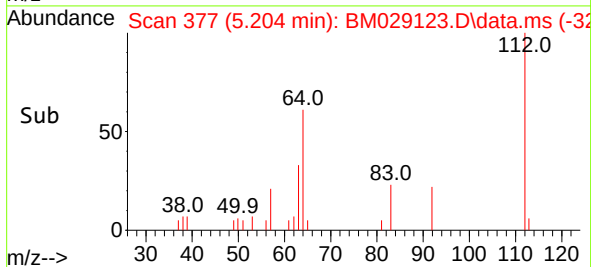
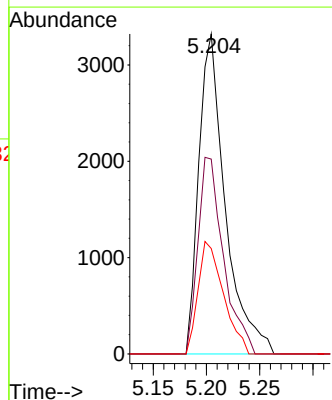
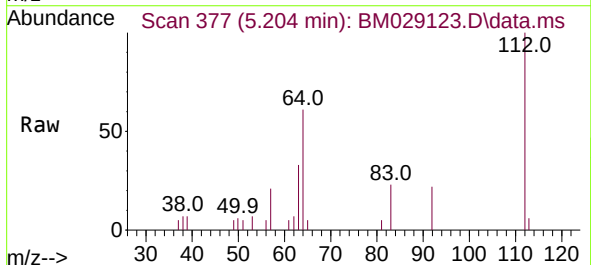
Instrument :
BNA_M
ClientSampleId :

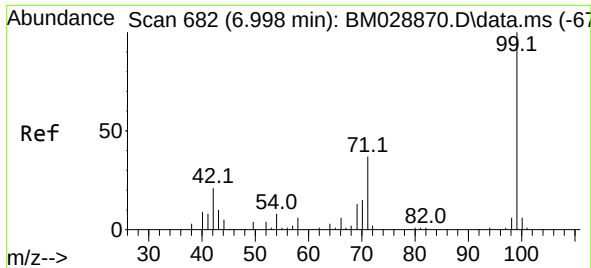
Tgt Ion:152 Resp: 9888
Ion Ratio Lower Upper
152 100
150 149.7 120.6 181.0
115 63.2 47.2 70.8



#5
2-Fluorophenol
Concen: 9.64 ng
RT: 5.204 min Scan# 377
Delta R.T. 0.006 min
Lab File: BM029123.D
Acq: 12 Mar 2021 22:27

Tgt Ion:112 Resp: 5749
Ion Ratio Lower Upper
112 100
64 60.9 50.6 76.0
63 33.0 31.0 46.6

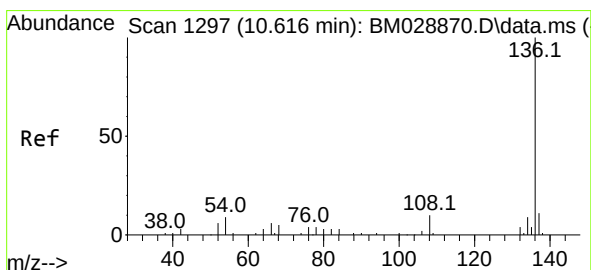
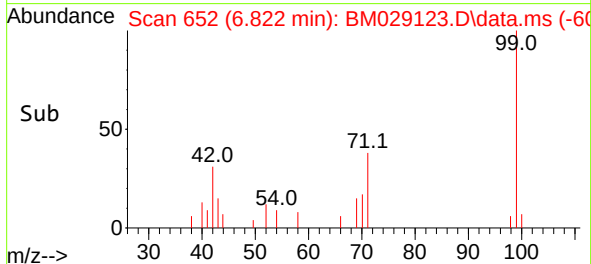
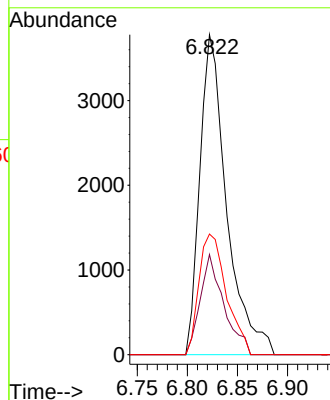
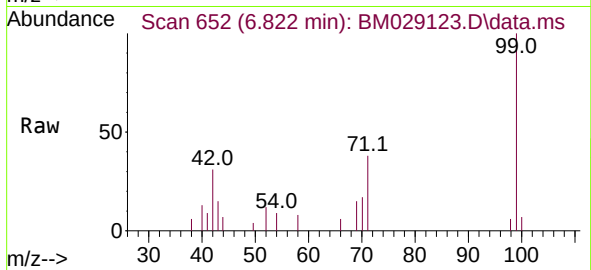




#7
Phenol-d6
Concen: 8.92 ng
RT: 6.822 min Scan# 652
Delta R.T. 0.000 min
Lab File: BM029123.D
Acq: 12 Mar 2021 22:27

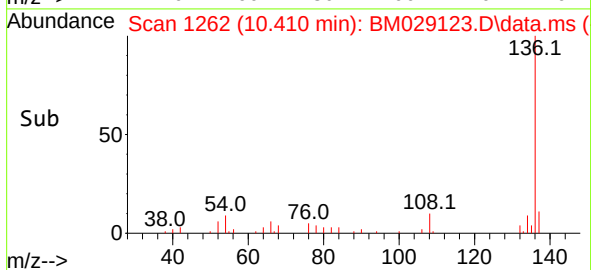
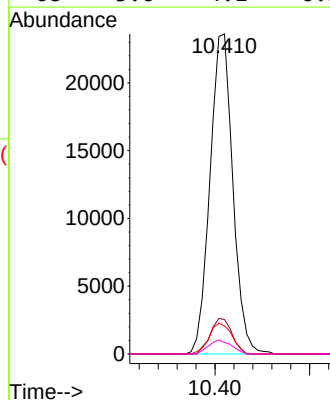
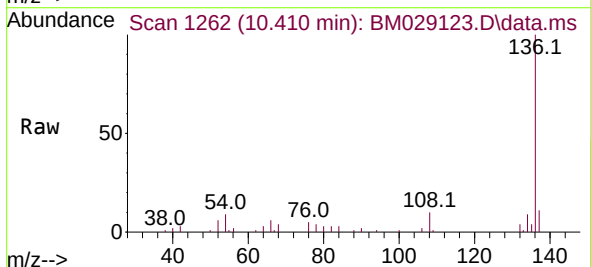
Instrument :
BNA_M
ClientSampleId :

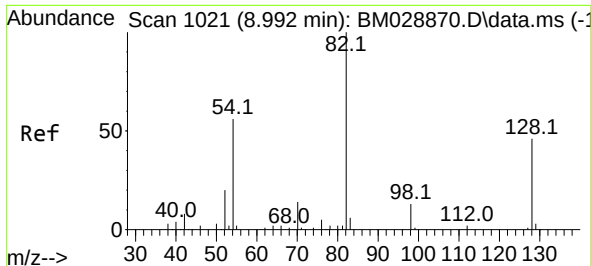
Tgt Ion: 99 Resp: 7030
Ion Ratio Lower Upper
99 100
42 31.3 13.5 20.3#
71 37.7 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.410 min Scan# 1262
Delta R.T. -0.006 min
Lab File: BM029123.D
Acq: 12 Mar 2021 22:27

Tgt Ion: 136 Resp: 39545
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.8 4.6 7.0#
68 3.6 4.1 6.1#

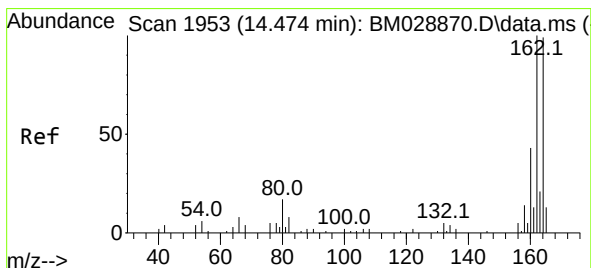
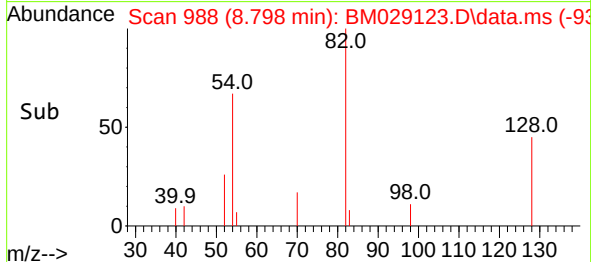
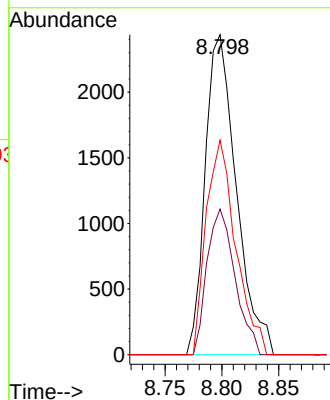
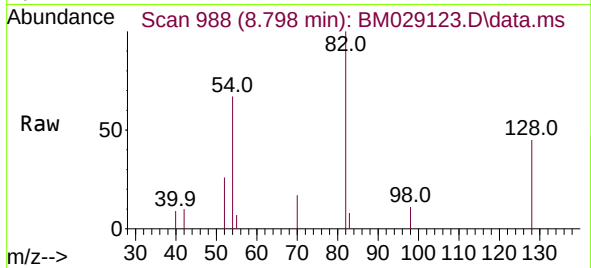




#23
Nitrobenzene-d5
Concen: 6.34 ng
RT: 8.798 min Scan# 988
Delta R.T. 0.000 min
Lab File: BM029123.D
Acq: 12 Mar 2021 22:27

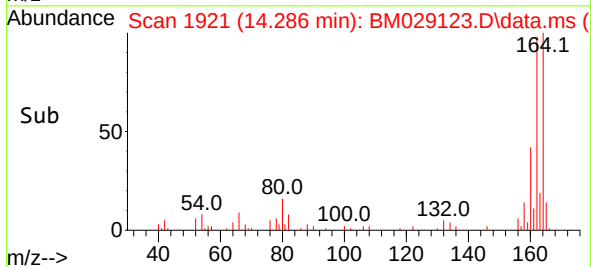
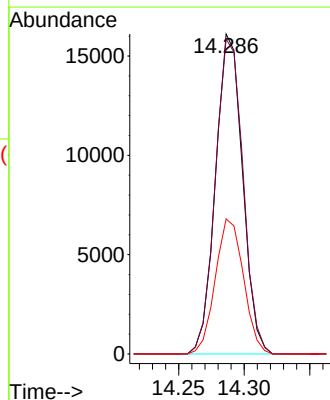
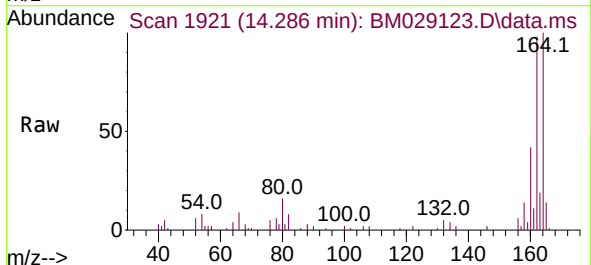
Instrument :
BNA_M
ClientSampled :

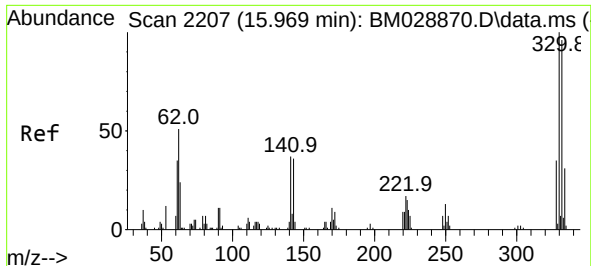
Tgt Ion: 82 Resp: 4647
Ion Ratio Lower Upper
82 100
128 45.5 27.4 41.0#
54 67.0 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.286 min Scan# 1921
Delta R.T. -0.012 min
Lab File: BM029123.D
Acq: 12 Mar 2021 22:27

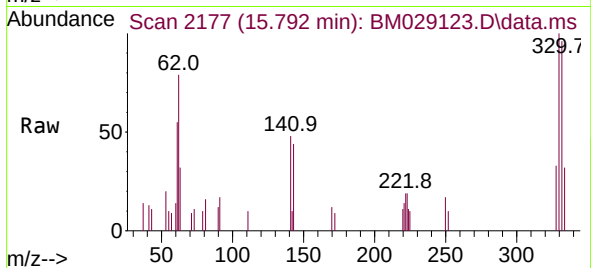
Tgt Ion:164 Resp: 23006
Ion Ratio Lower Upper
164 100
162 98.4 80.4 120.6
160 42.2 35.9 53.9



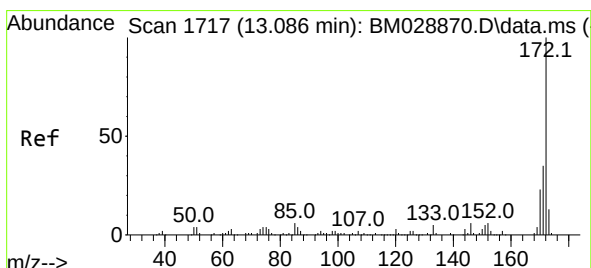
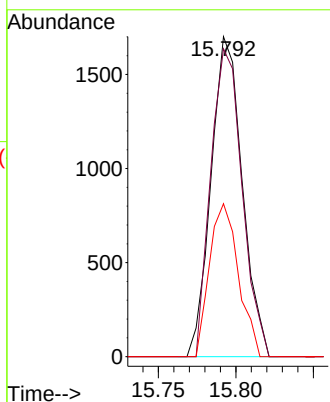
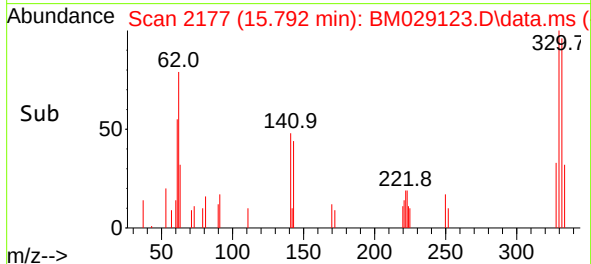


#42
2,4,6-Tribromophenol
Concen: 8.72 ng
RT: 15.792 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM029123.D
Acq: 12 Mar 2021 22:27

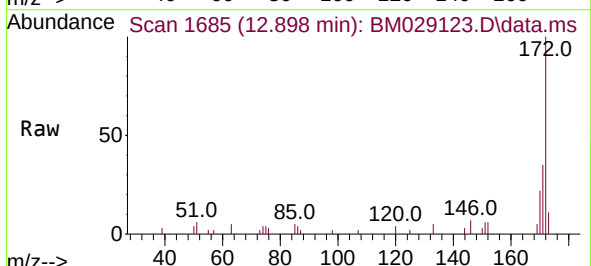
Instrument :
BNA_M
ClientSampleId :



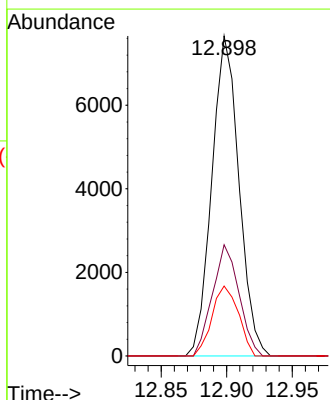
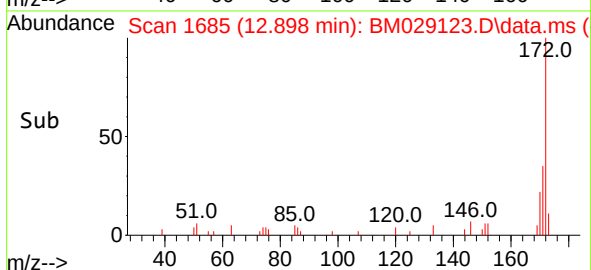
Tgt Ion:330 Resp: 2379
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 44.3 28.4 42.6#

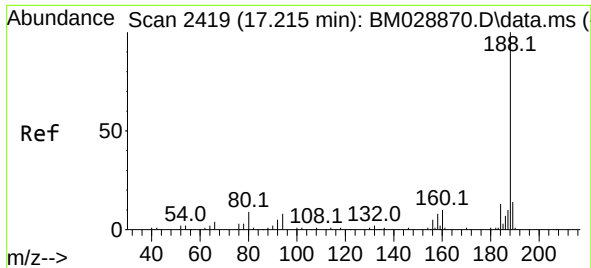


#45
2-Fluorobiphenyl
Concen: 6.37 ng
RT: 12.898 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BM029123.D
Acq: 12 Mar 2021 22:27



Tgt Ion:172 Resp: 11015
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 21.8 18.6 27.8

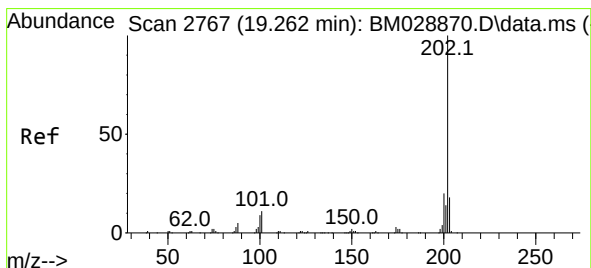
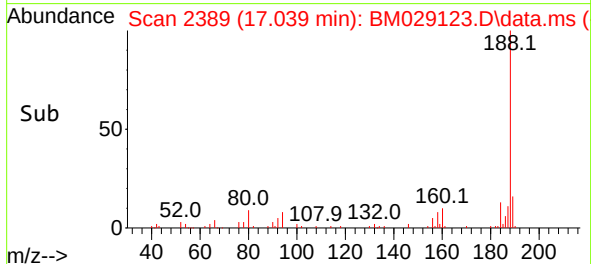
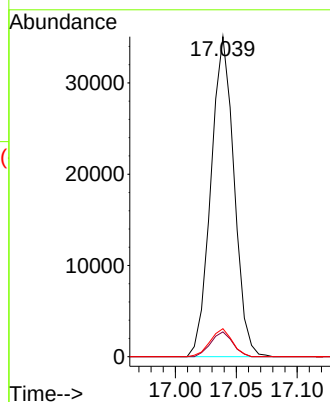
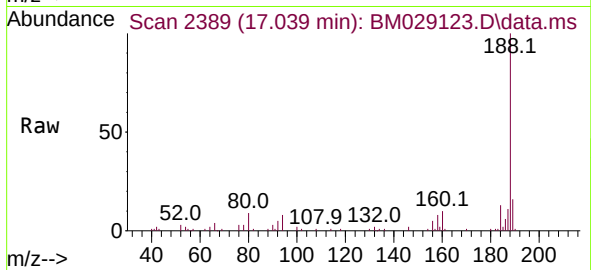




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.039 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BM029123.D
Acq: 12 Mar 2021 22:27

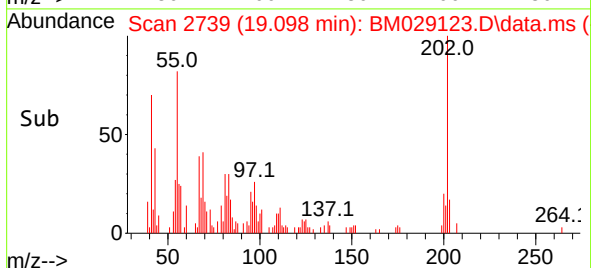
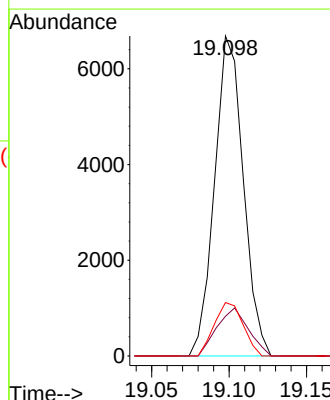
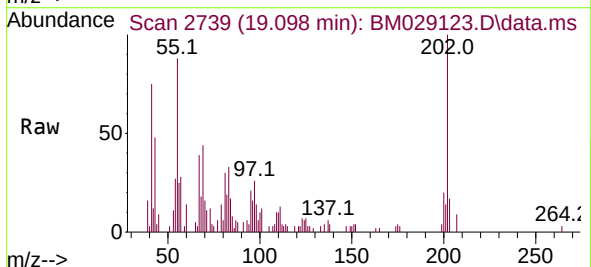
Instrument :
BNA_M
ClientSampleId :

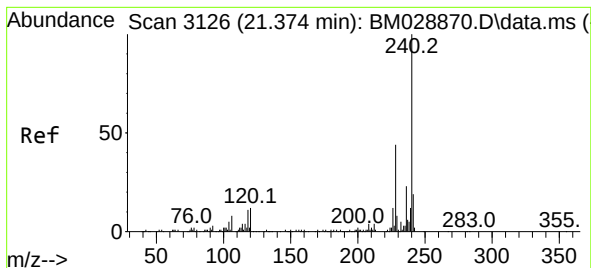
Tgt Ion:188 Resp: 46439
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.4
80 8.8 7.5 11.3



#75
Fluoranthene
Concen: 2.83 ng
RT: 19.098 min Scan# 2739
Delta R.T. -0.006 min
Lab File: BM029123.D
Acq: 12 Mar 2021 22:27

Tgt Ion:202 Resp: 8613
Ion Ratio Lower Upper
202 100
101 12.4 0.0 28.5
203 16.7 0.0 37.3





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.221 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BM029123.D

Acq: 12 Mar 2021 22:27

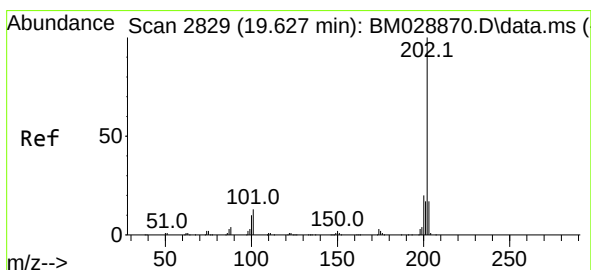
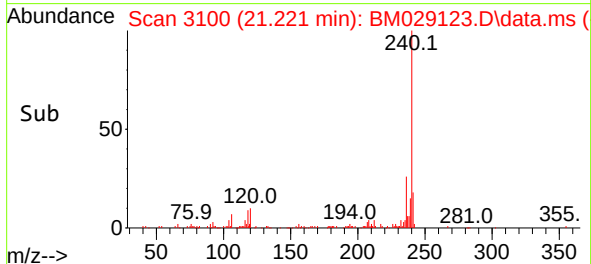
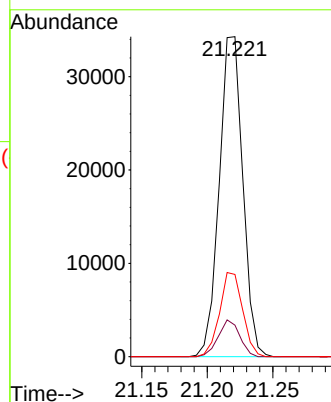
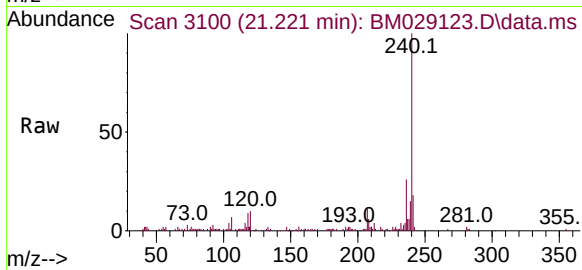
Tgt Ion:240 Resp: 42787

Ion Ratio Lower Upper

240 100

120 9.9 6.4 9.6#

236 25.7 20.1 30.1



#78

Pyrene

Concen: 2.70 ng

RT: 19.462 min Scan# 2801

Delta R.T. -0.006 min

Lab File: BM029123.D

Acq: 12 Mar 2021 22:27

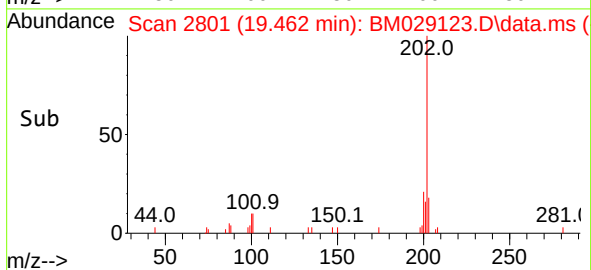
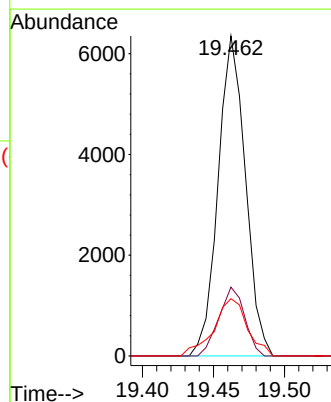
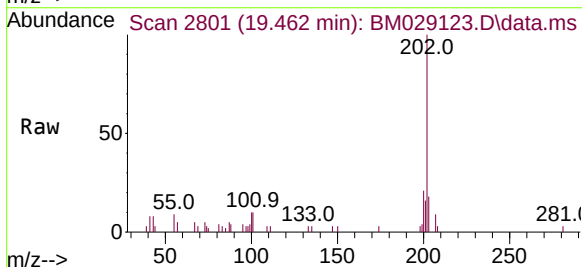
Tgt Ion:202 Resp: 8487

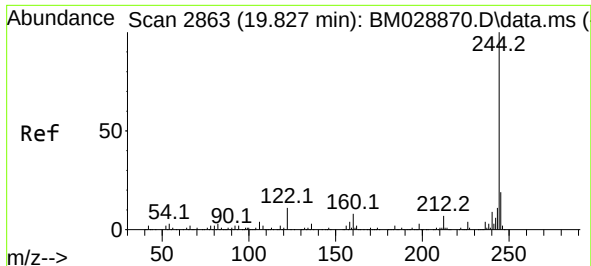
Ion Ratio Lower Upper

202 100

200 21.5 16.6 24.8

203 17.9 13.8 20.6

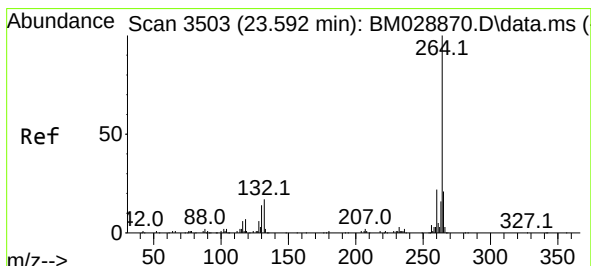
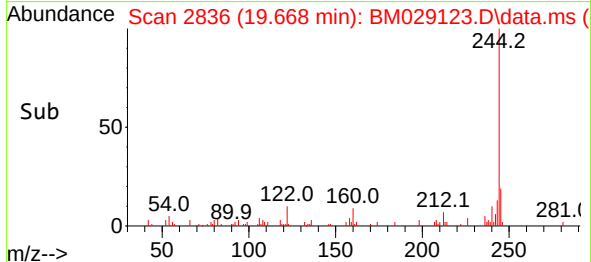
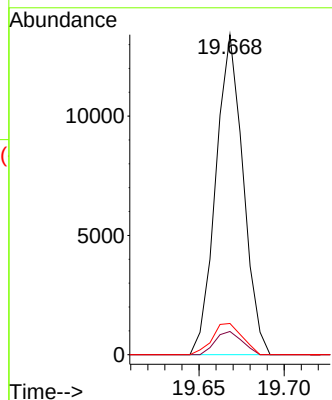
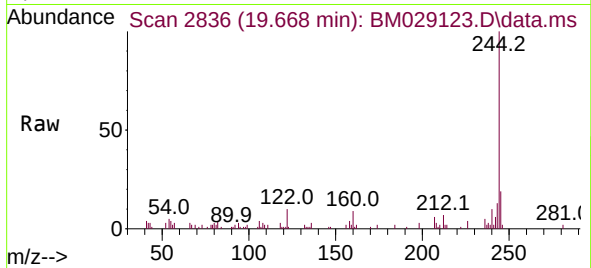




#79
 Terphenyl-d14
 Concen: 6.45 ng
 RT: 19.668 min Scan# 2836
 Delta R.T. -0.006 min
 Lab File: BM029123.D
 Acq: 12 Mar 2021 22:27

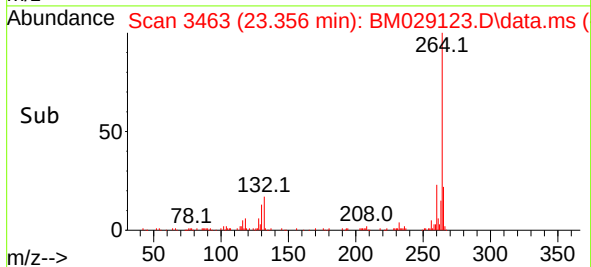
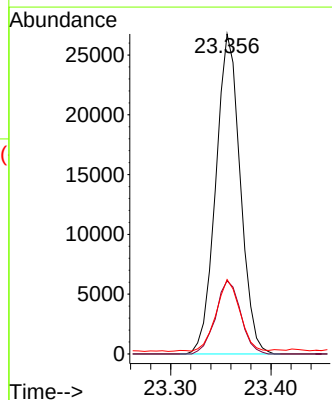
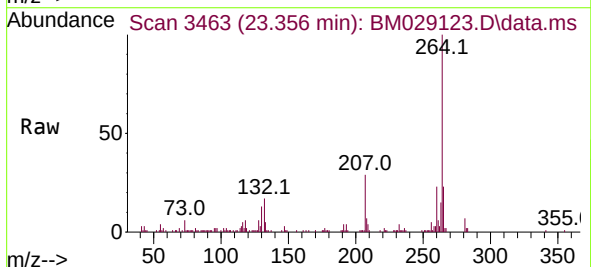
Instrument :
 BNA_M
 ClientSampled :

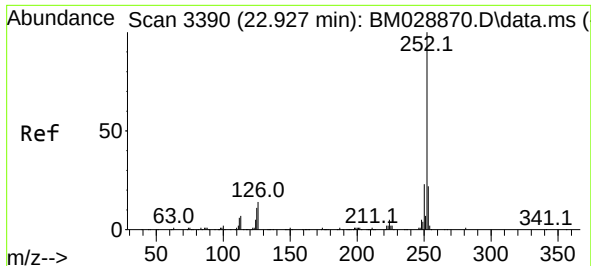
Tgt Ion:244 Resp: 14953
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.8 6.5 9.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.356 min Scan# 3463
 Delta R.T. -0.012 min
 Lab File: BM029123.D
 Acq: 12 Mar 2021 22:27

Tgt Ion:264 Resp: 45334
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.4
 265 23.2 17.7 26.5

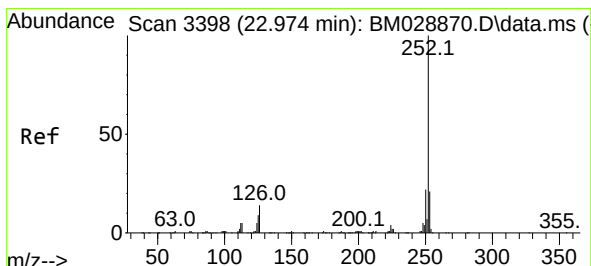
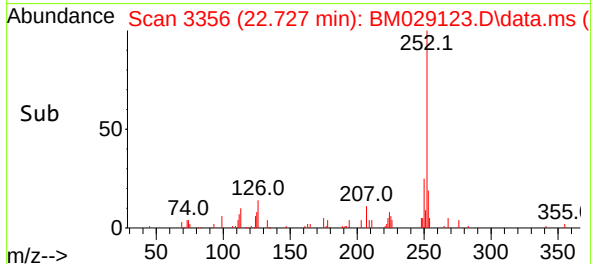
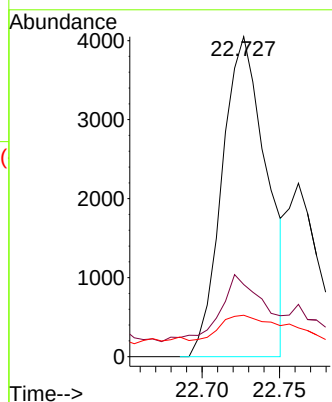
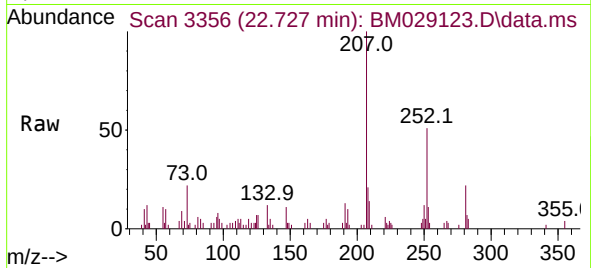




#88
Benzo(b)fluoranthene
Concen: 2.52 ng
RT: 22.727 min Scan# 3356
Delta R.T. -0.006 min
Lab File: BM029123.D
Acq: 12 Mar 2021 22:27

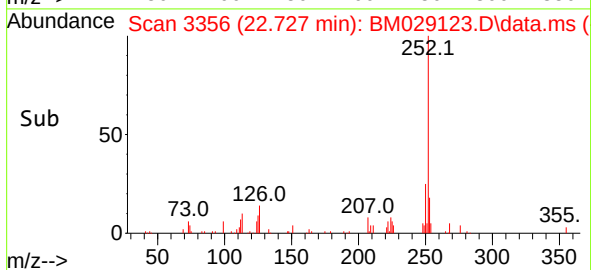
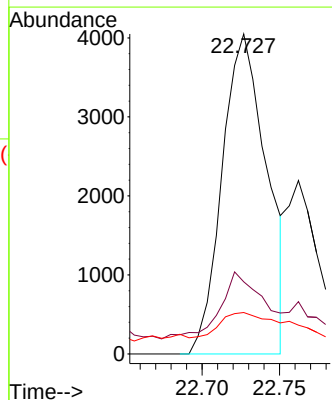
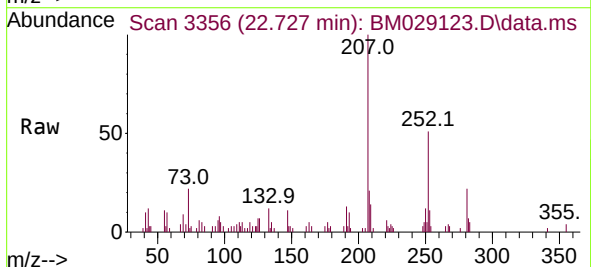
Instrument :
BNA_M
ClientSampled :

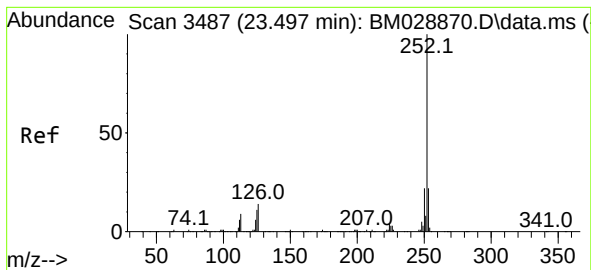
Tgt Ion:252 Resp: 8079
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 13.0 5.7 8.5#



#89
Benzo(k)fluoranthene
Concen: 2.66 ng
RT: 22.727 min Scan# 3356
Delta R.T. -0.047 min
Lab File: BM029123.D
Acq: 12 Mar 2021 22:27

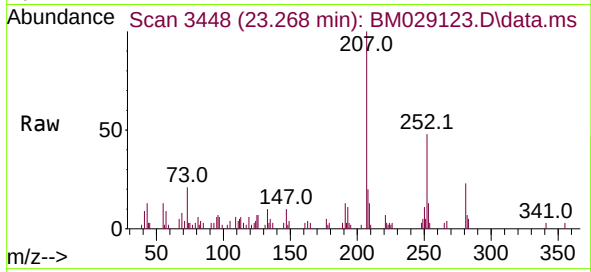
Tgt Ion:252 Resp: 8079
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 13.0 5.6 8.4#





#90
 Benzo(a)pyrene
 Concen: 2.10 ng
 RT: 23.268 min Scan# 3448
 Delta R.T. -0.012 min
 Lab File: BM029123.D
 Acq: 12 Mar 2021 22:27

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:252 Resp: 6150
 Ion Ratio Lower Upper
 252 100
 253 26.8 17.4 26.2#
 125 14.5 6.6 9.8#

