

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
 Data File : BM036063.D
 Acq On : 02 Aug 2022 22:06
 Operator : CG/JU
 Sample : N3927-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-82

Quant Time: Aug 03 00:54:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 17:50:14 2022
 Response via : Initial Calibration

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

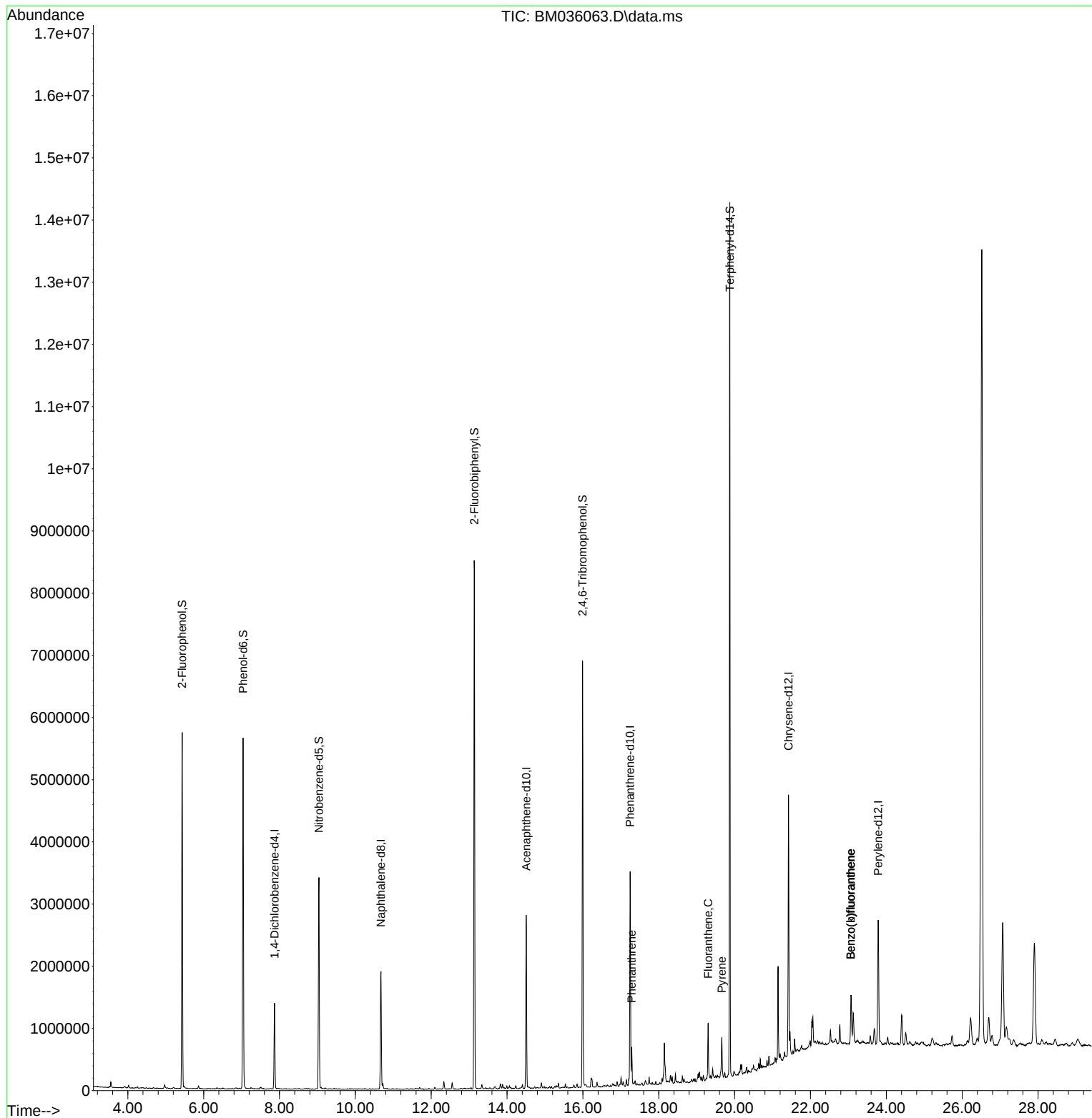
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	363453	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1556447	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	938608	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1948221	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1801480	20.000	ng	0.00
86) Perylene-d12	23.786	264	1429628	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2421482	108.015	ng	0.00
7) Phenol-d6	7.040	99	3132928	109.830	ng	0.00
23) Nitrobenzene-d5	9.040	82	1903248	68.449	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	1178164	106.998	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	4297077	67.595	ng	0.00
79) Terphenyl-d14	19.874	244	6666875	72.996	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.286	178	337943	3.405	ng	99
75) Fluoranthene	19.304	202	419194	3.773	ng	98
78) Pyrene	19.662	202	359690	3.220	ng	100
88) Benzo(b)fluoranthene	23.062	252	204678	2.444	ng #	91
89) Benzo(k)fluoranthene	23.062	252	204678	2.419	ng #	91

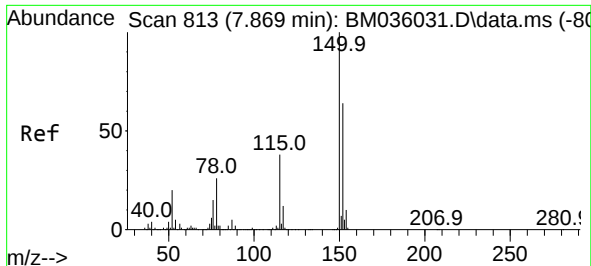
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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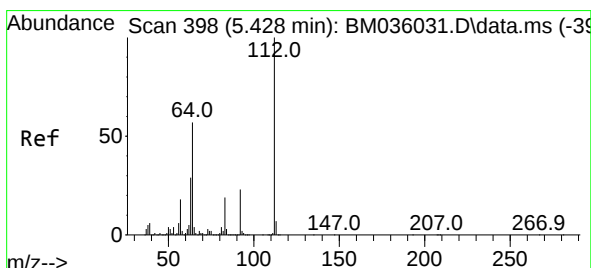
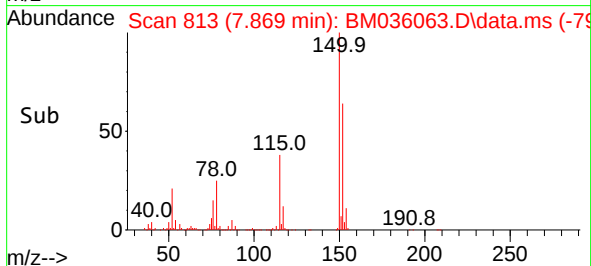
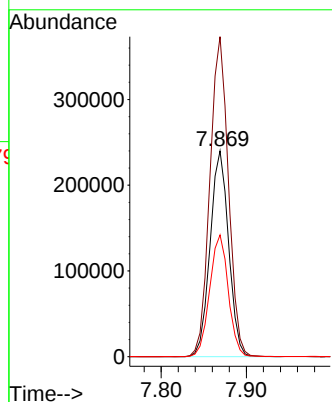
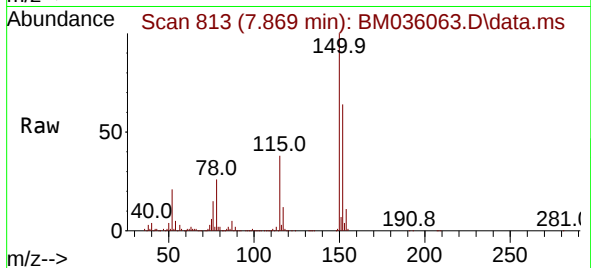




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BM036063.D
Acq: 02 Aug 2022 22:06

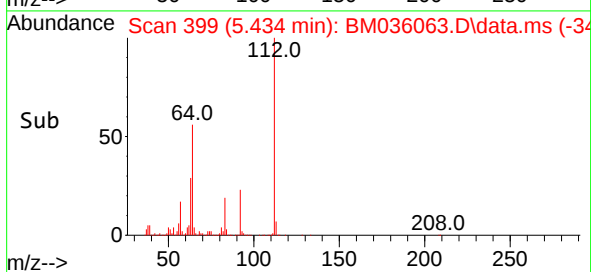
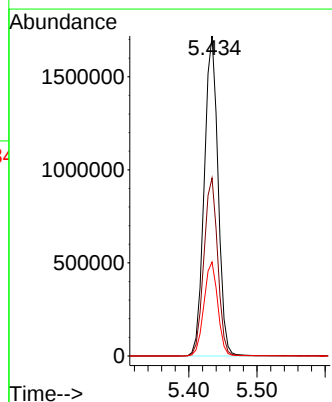
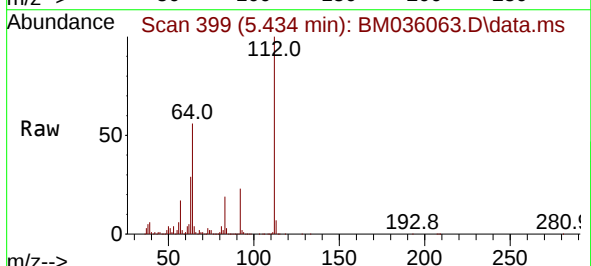
Instrument :
BNA_M
ClientSampleId :
RVE-82

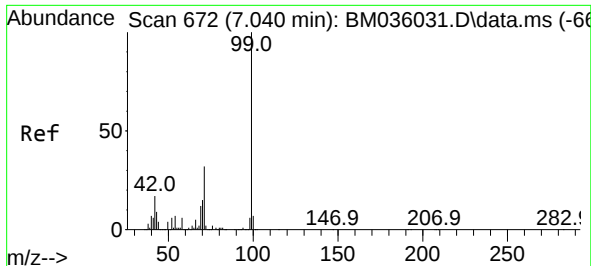
Tgt Ion:152 Resp: 363453
Ion Ratio Lower Upper
152 100
150 155.5 124.9 187.3
115 59.2 47.9 71.9



#5
2-Fluorophenol
Concen: 108.015 ng
RT: 5.434 min Scan# 399
Delta R.T. 0.006 min
Lab File: BM036063.D
Acq: 02 Aug 2022 22:06

Tgt Ion:112 Resp: 2421482
Ion Ratio Lower Upper
112 100
64 55.6 47.8 71.6
63 29.4 26.6 40.0

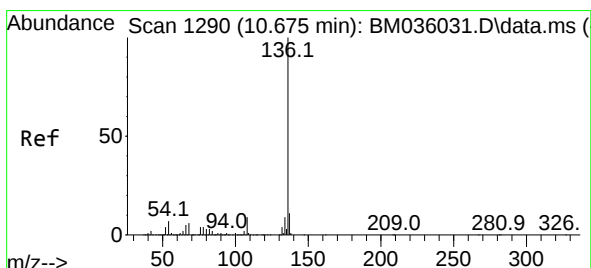
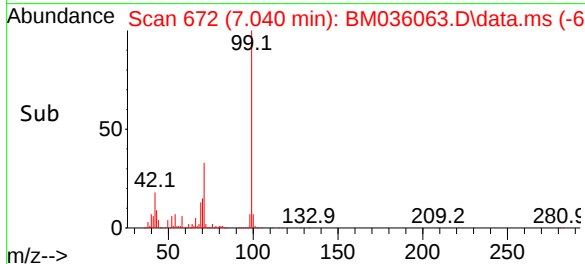
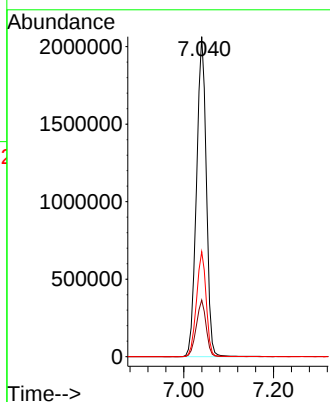
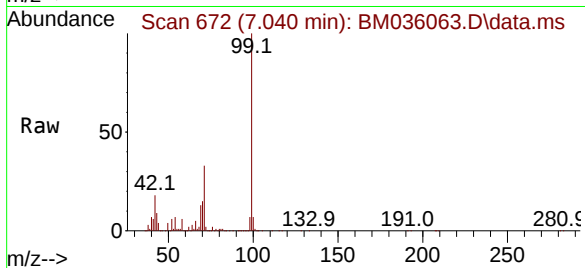




#7
Phenol-d6
Concen: 109.830 ng
RT: 7.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM036063.D
Acq: 02 Aug 2022 22:06

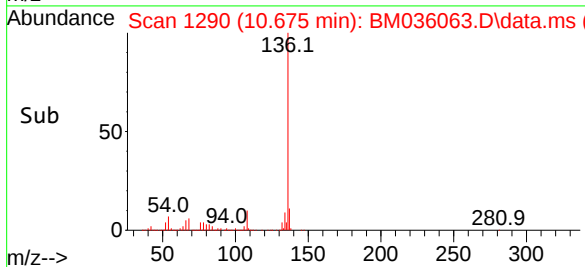
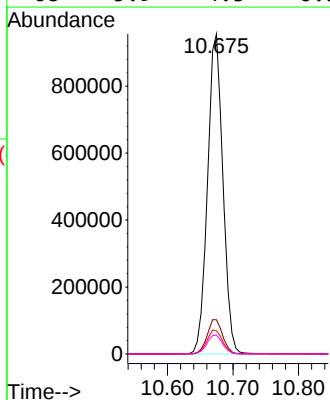
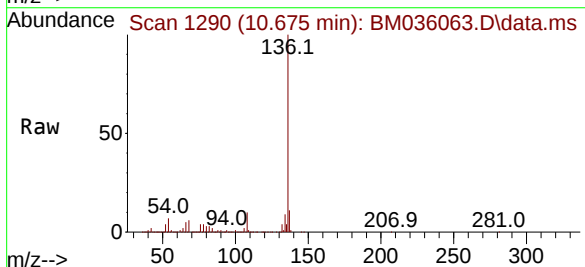
Instrument :
BNA_M
ClientSampleId :
RVE-82

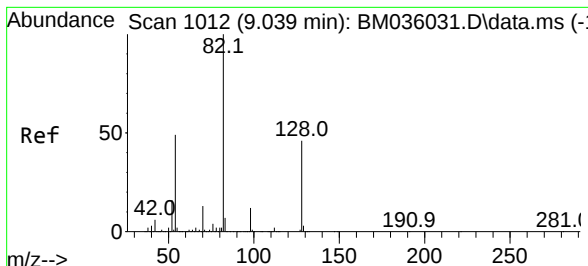
Tgt Ion: 99 Resp: 3132928
Ion Ratio Lower Upper
99 100
42 17.7 18.8 28.2#
71 32.8 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BM036063.D
Acq: 02 Aug 2022 22:06

Tgt Ion: 136 Resp: 1556447
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.2 7.0 10.4
68 5.9 4.3 6.5





#23

Nitrobenzene-d5

Concen: 68.449 ng

RT: 9.040 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BM036063.D

Acq: 02 Aug 2022 22:06

Instrument :

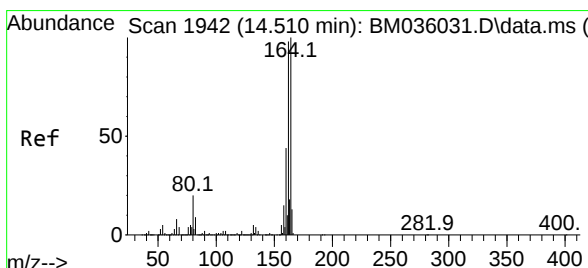
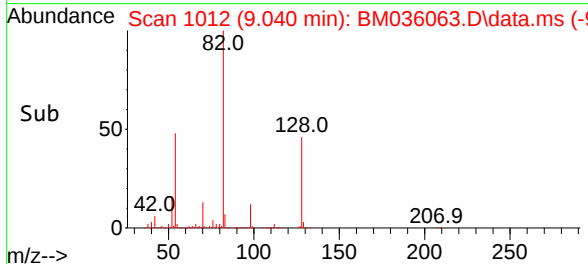
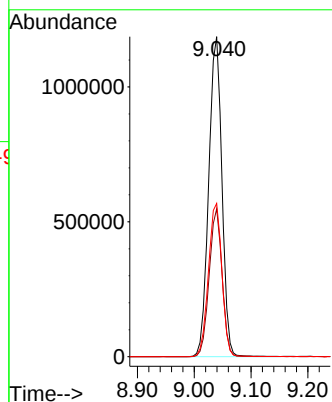
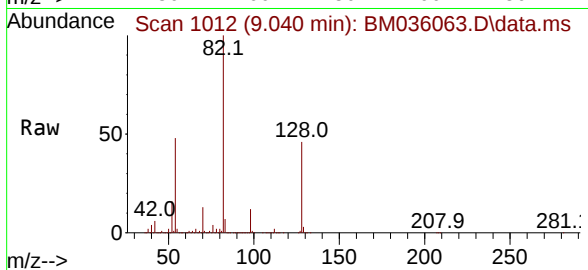
BNA_M

ClientSampleId :

RVE-82

Tgt Ion: 82 Resp: 1903248

Ion	Ratio	Lower	Upper
82	100		
128	46.2	33.7	50.5
54	47.9	43.2	64.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.504 min Scan# 1941

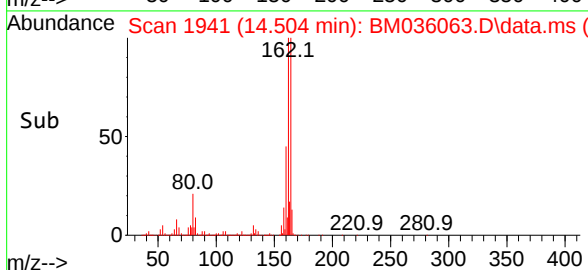
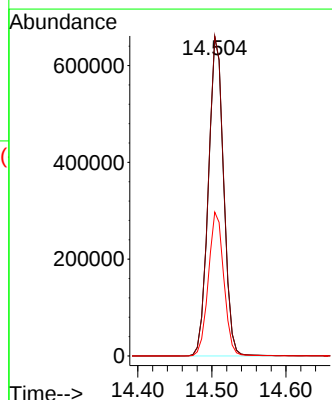
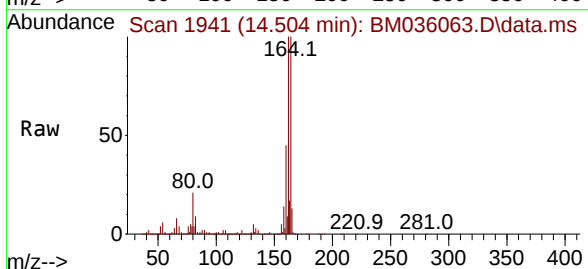
Delta R.T. -0.006 min

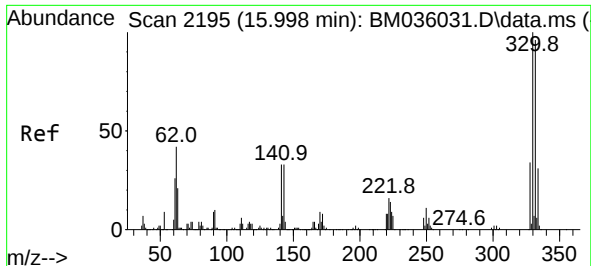
Lab File: BM036063.D

Acq: 02 Aug 2022 22:06

Tgt Ion:164 Resp: 938608

Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.0	124.6
160	45.2	37.0	55.4





#42

2,4,6-Tribromophenol

Concen: 106.998 ng

RT: 15.992 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM036063.D

Acq: 02 Aug 2022 22:06

Instrument :

BNA_M

ClientSampleId :

RVE-82

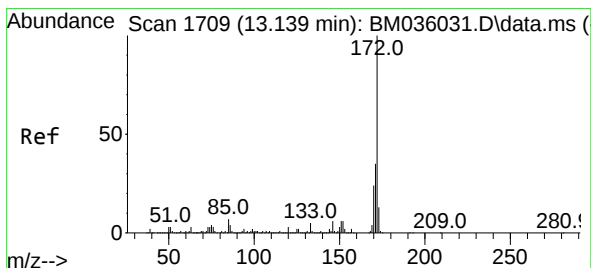
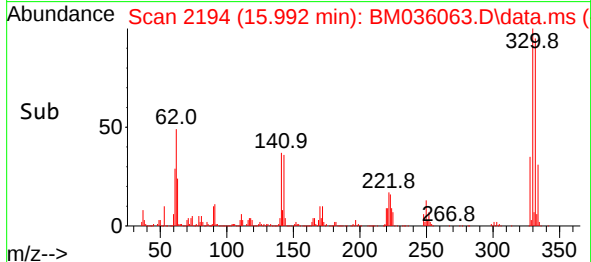
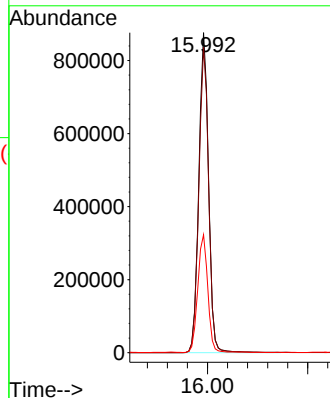
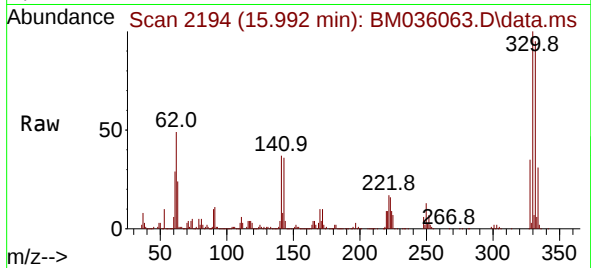
Tgt Ion:330 Resp: 1178164

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.4

141 37.7 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 67.595 ng

RT: 13.139 min Scan# 1709

Delta R.T. 0.000 min

Lab File: BM036063.D

Acq: 02 Aug 2022 22:06

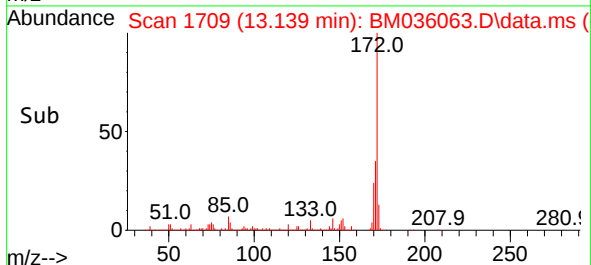
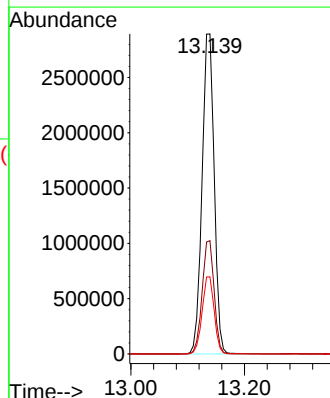
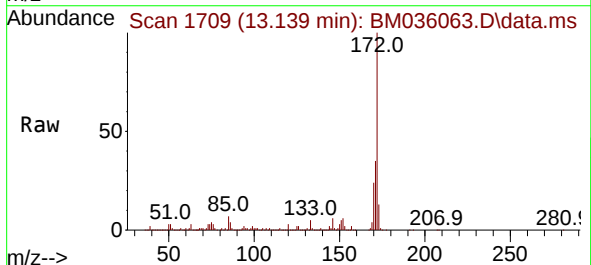
Tgt Ion:172 Resp: 4297077

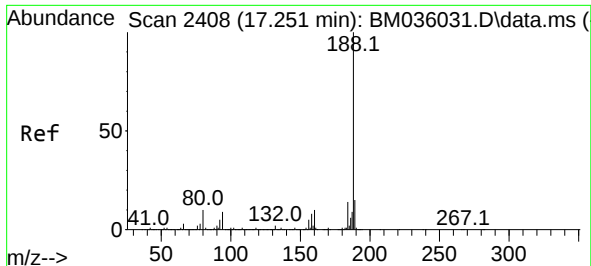
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 24.1 18.7 28.1

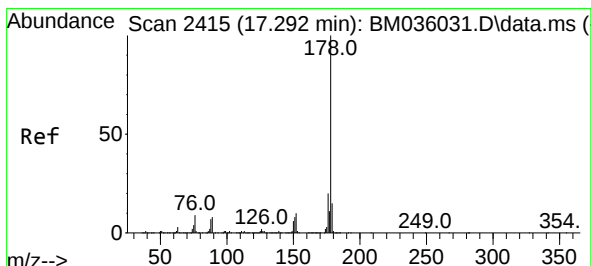
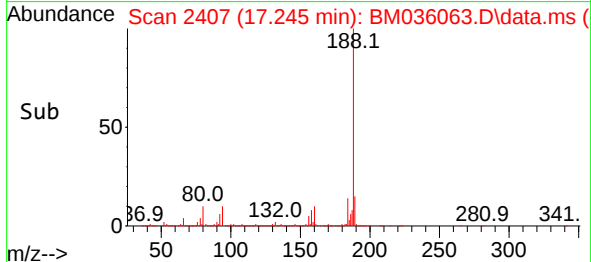
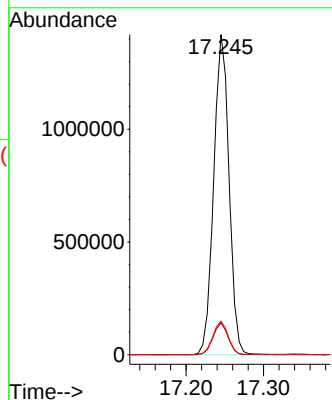
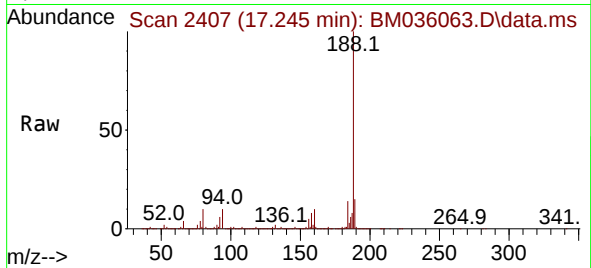




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM036063.D
Acq: 02 Aug 2022 22:06

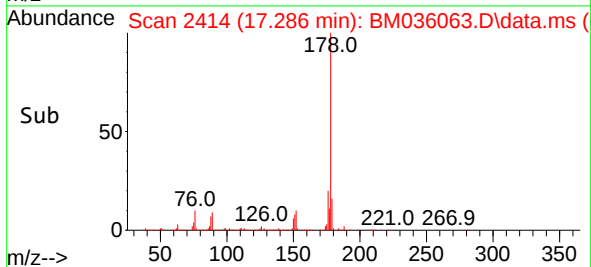
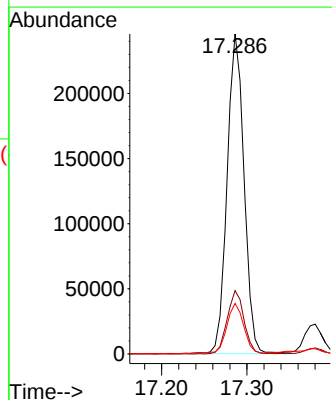
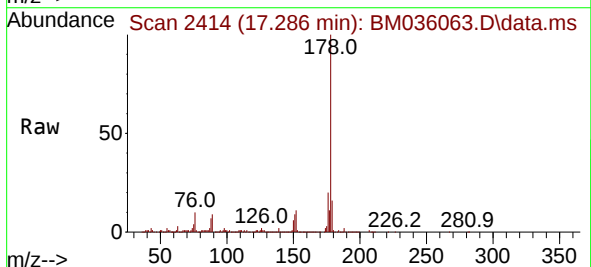
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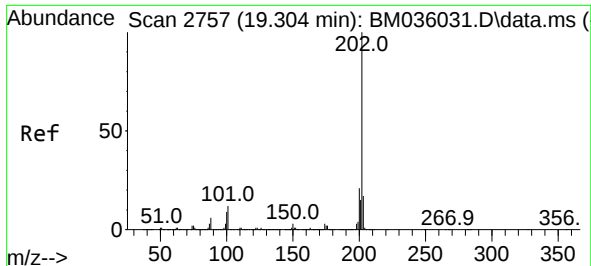
Tgt Ion:188 Resp: 1948221
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.4
80 10.5 7.6 11.4



#71
Phenanthrene
Concen: 3.405 ng
RT: 17.286 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BM036063.D
Acq: 02 Aug 2022 22:06

Tgt Ion:178 Resp: 337943
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 15.8 12.4 18.6

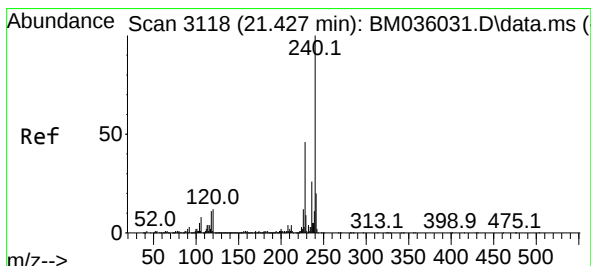
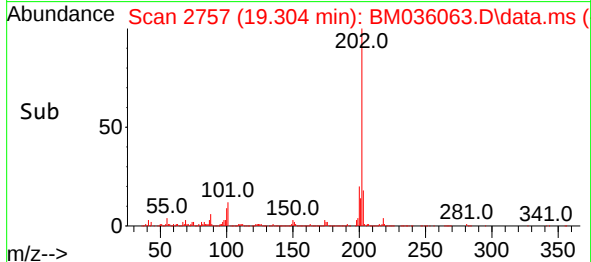
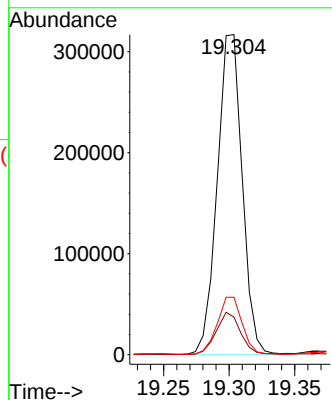
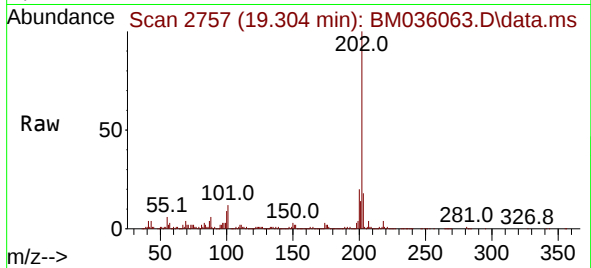




#75
Fluoranthene
Concen: 3.773 ng
RT: 19.304 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036063.D
Acq: 02 Aug 2022 22:06

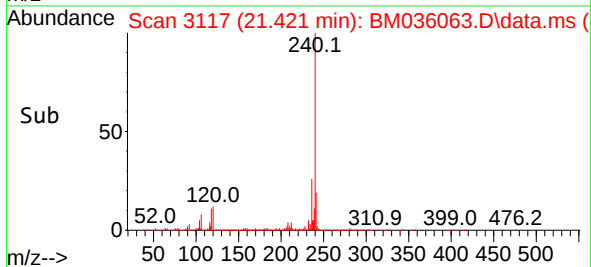
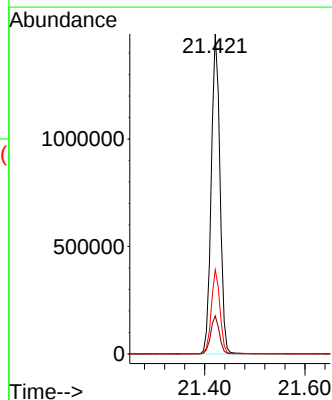
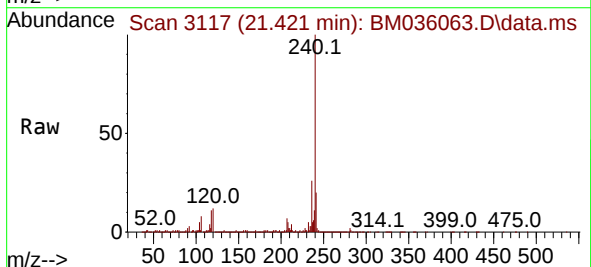
Instrument :
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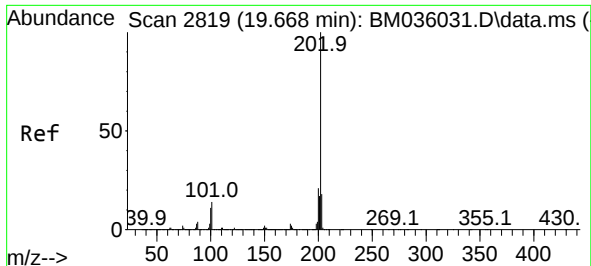
Tgt Ion:202 Resp: 419194
Ion Ratio Lower Upper
202 100
101 11.7 0.0 30.6
203 18.0 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM036063.D
Acq: 02 Aug 2022 22:06

Tgt Ion:240 Resp: 1801480
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.0
236 26.3 20.6 30.8

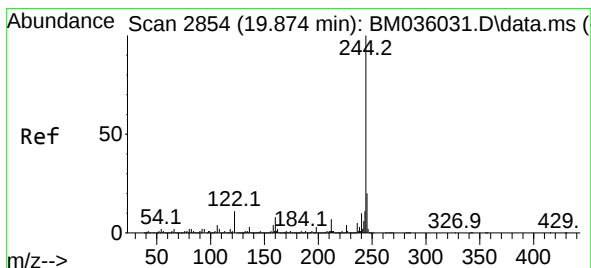
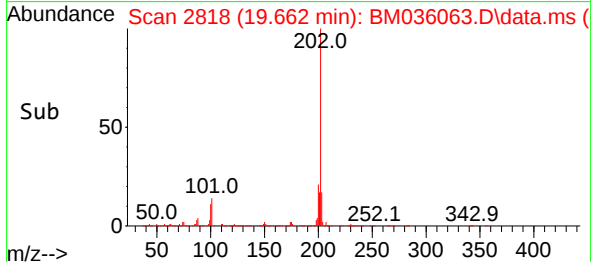
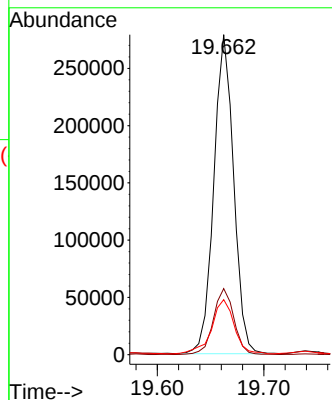
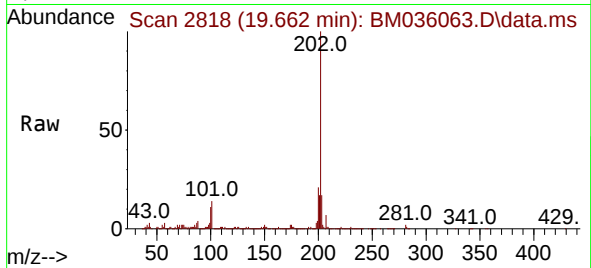




#78
Pyrene
Concen: 3.220 ng
RT: 19.662 min Scan# 2819
Delta R.T. -0.006 min
Lab File: BM036063.D
Acq: 02 Aug 2022 22:06

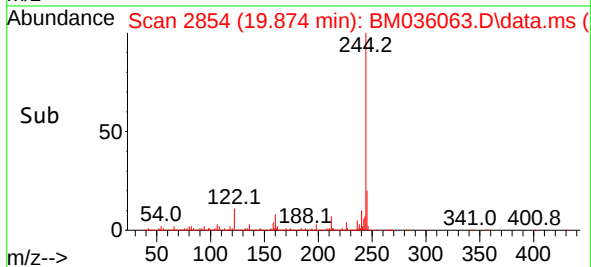
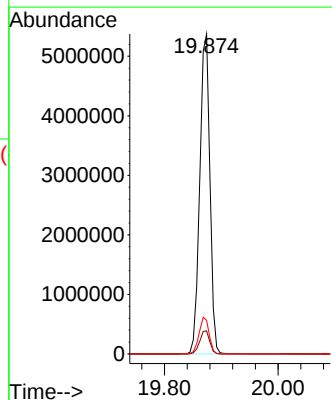
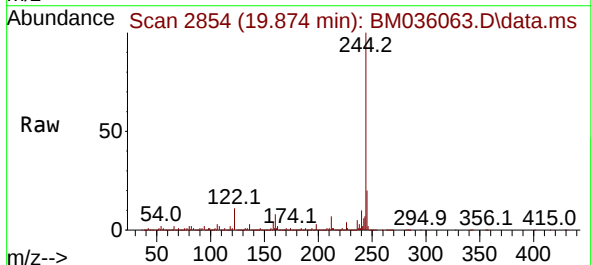
Instrument :
BNA_M
ClientSampleId :
RVE-82

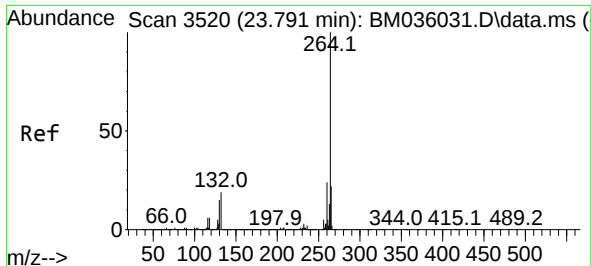
Tgt Ion:202 Resp: 359690
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 17.2 13.9 20.9



#79
Terphenyl-d14
Concen: 72.996 ng
RT: 19.874 min Scan# 2854
Delta R.T. 0.000 min
Lab File: BM036063.D
Acq: 02 Aug 2022 22:06

Tgt Ion:244 Resp: 6666875
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.4
122 10.5 8.3 12.5

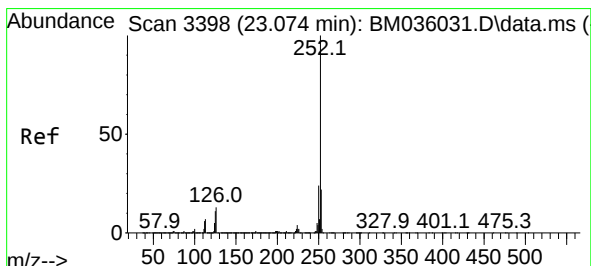
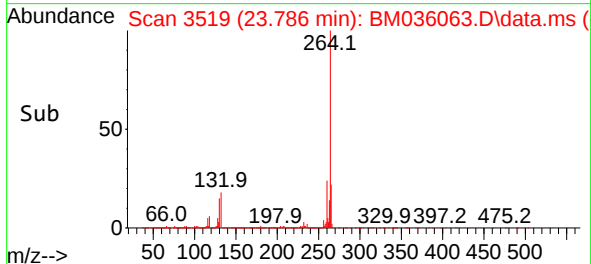
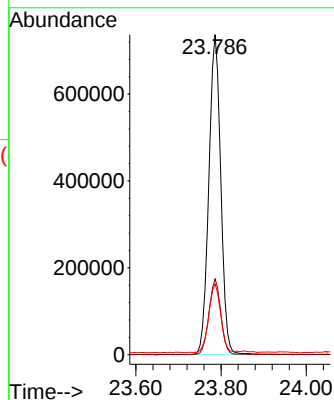
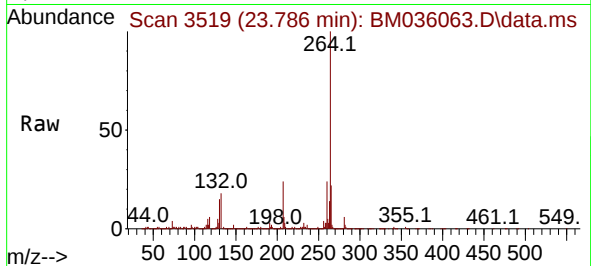




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.786 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM036063.D
Acq: 02 Aug 2022 22:06

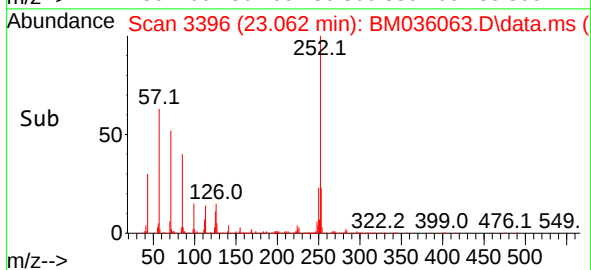
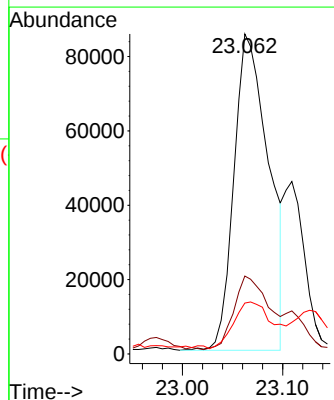
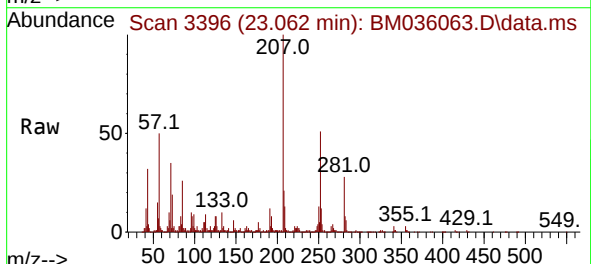
Instrument :
BNA_M
ClientSampleId :
RVE-82

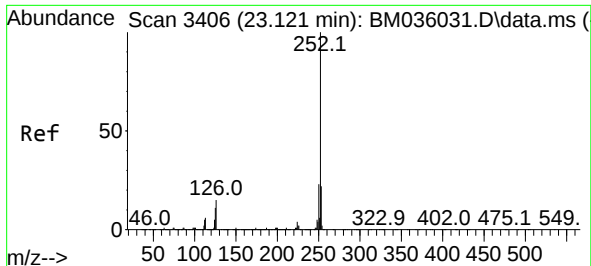
Tgt Ion:264 Resp: 1429628
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 22.1 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 2.444 ng
RT: 23.062 min Scan# 3396
Delta R.T. -0.012 min
Lab File: BM036063.D
Acq: 02 Aug 2022 22:06

Tgt Ion:252 Resp: 204678
Ion Ratio Lower Upper
252 100
253 24.4 17.6 26.4
125 15.9 7.6 11.4#





#89

Benzo(k)fluoranthene

Concen: 2.419 ng

RT: 23.062 min Scan# 31

Delta R.T. -0.059 min

Lab File: BM036063.D

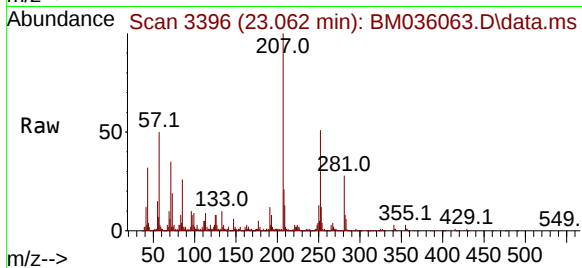
Acq: 02 Aug 2022 22:06

Instrument :

BNA_M

ClientSampleId :

RVE-82



Tgt Ion:252 Resp: 204678

Ion Ratio Lower Upper

252 100

253 24.4 17.5 26.3

125 15.9 7.6 11.4#

