

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
 Data File : BM036132.D
 Acq On : 05 Aug 2022 23:04
 Operator : CG/JU
 Sample : N3961-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-173

Quant Time: Aug 06 01:14:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 03:36:25 2022
 Response via : Initial Calibration

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

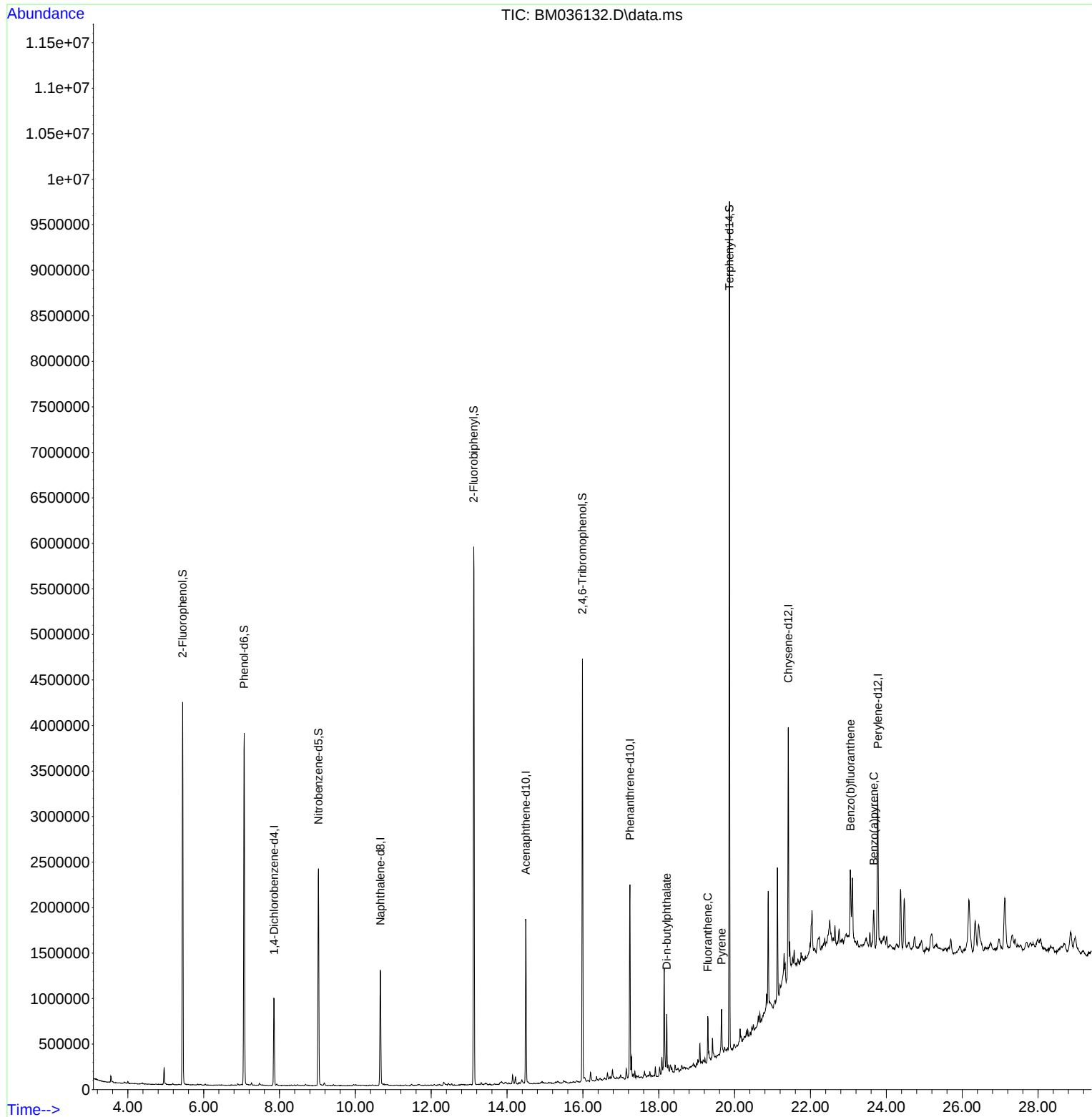
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	269680	20.00	ng	0.00
21) Naphthalene-d8	10.657	136	1089708	20.00	ng	0.00
39) Acenaphthene-d10	14.492	164	622531	20.00	ng	0.00
64) Phenanthrene-d10	17.239	188	1231044	20.00	ng	0.00
76) Chrysene-d12	21.415	240	1135675	20.00	ng	0.00
86) Perylene-d12	23.774	264	1199980	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1804845	108.50	ng	0.02
7) Phenol-d6	7.069	99	2228967	105.31	ng	0.04
23) Nitrobenzene-d5	9.028	82	1348480	69.27	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	851567	116.60	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	3038792	72.07	ng	0.00
79) Terphenyl-d14	19.862	244	4274229	74.23	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.209	149	443005	6.03	ng	Qvalue 99
75) Fluoranthene	19.292	202	254201	3.62	ng	97
78) Pyrene	19.656	202	291419	4.14	ng	99
88) Benzo(b)fluoranthene	23.056	252	234405	3.33	ng	# 90
90) Benzo(a)pyrene	23.668	252	161127	2.73	ng	# 91

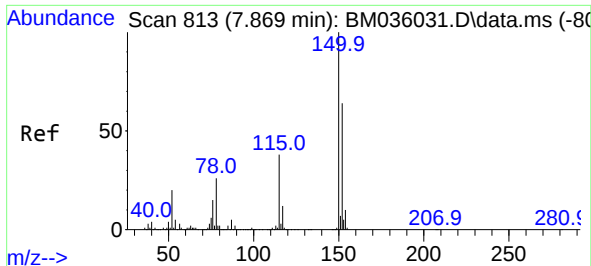
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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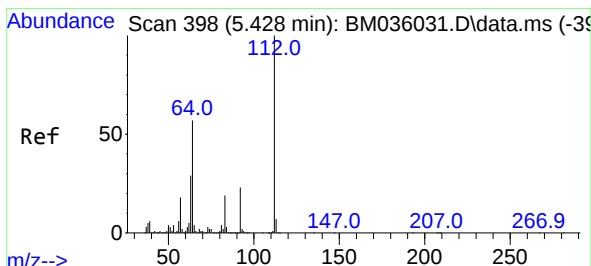
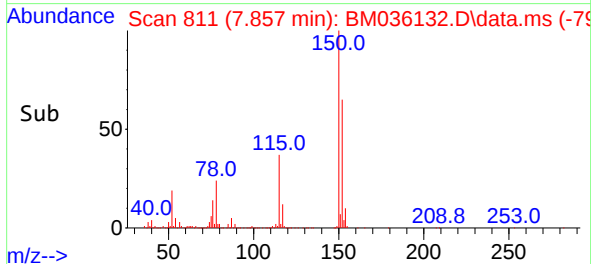
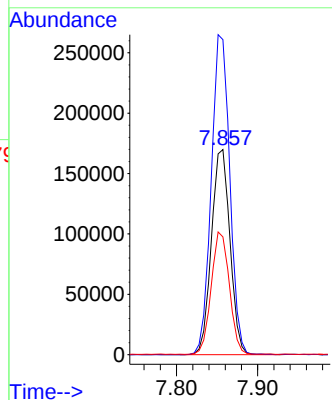
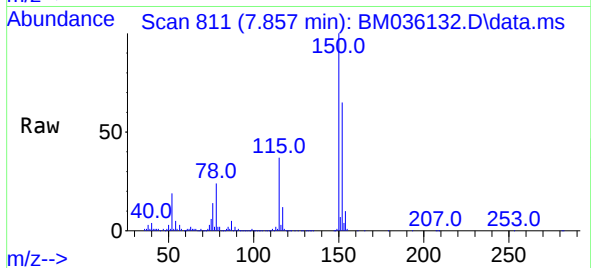




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.857 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

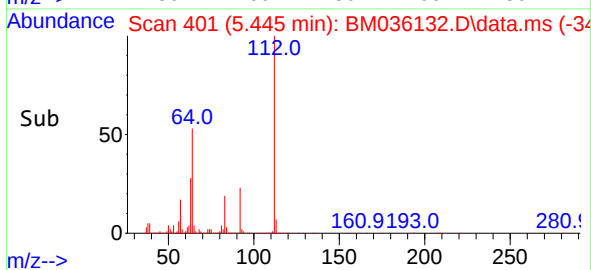
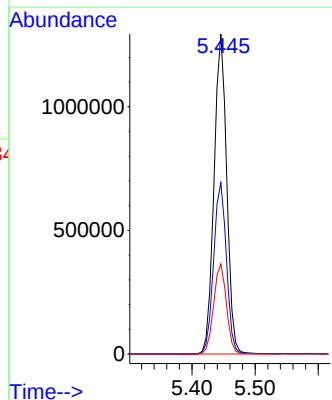
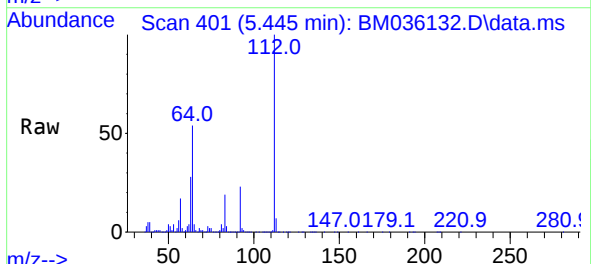
Instrument :
BNA_M
ClientSampleId :
RVE-173

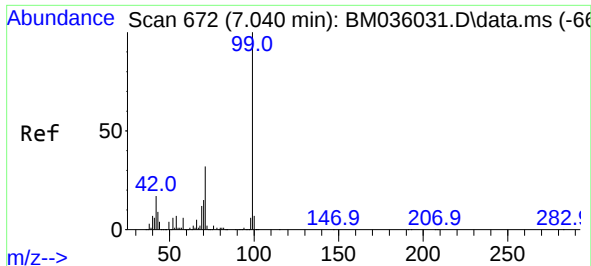
Tgt Ion:152 Resp: 269680
Ion Ratio Lower Upper
152 100
150 153.5 124.9 187.3
115 57.4 47.9 71.9



#5
2-Fluorophenol
Concen: 108.50 ng
RT: 5.445 min Scan# 401
Delta R.T. 0.023 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

Tgt Ion:112 Resp: 1804845
Ion Ratio Lower Upper
112 100
64 53.5 47.8 71.6
63 28.2 26.6 40.0

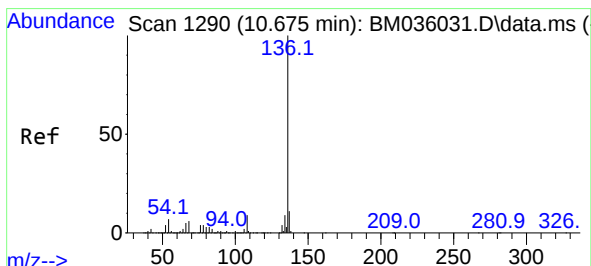
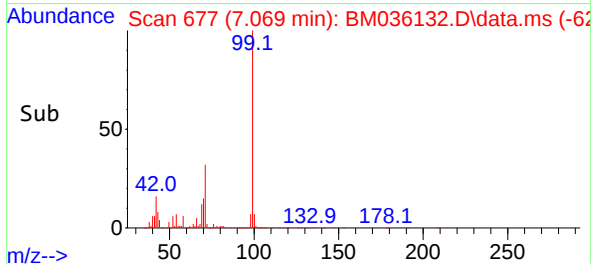
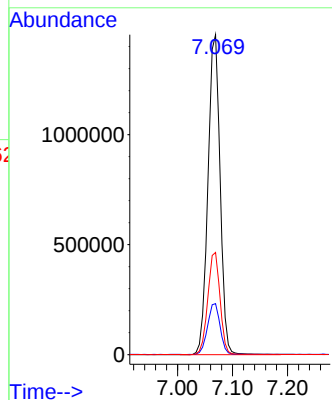
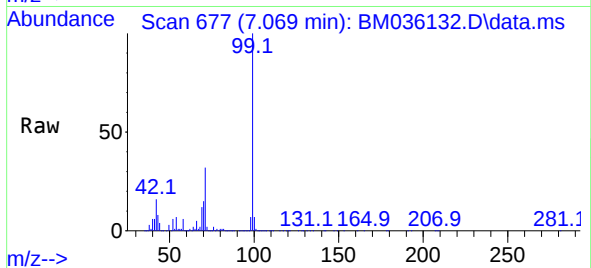




#7
Phenol-d6
Concen: 105.31 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.035 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

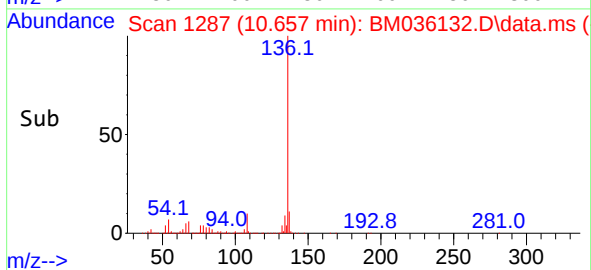
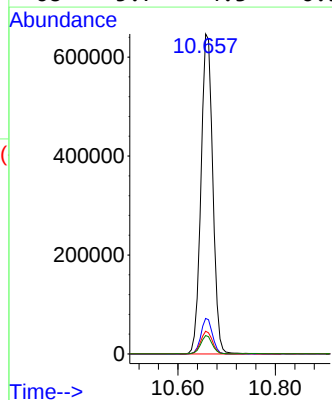
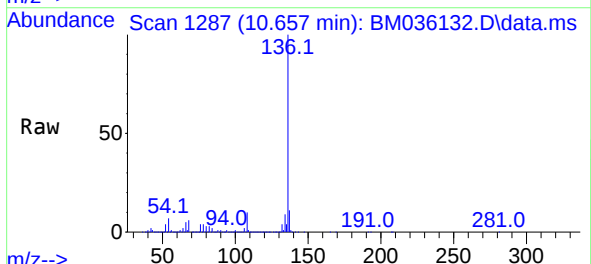
Instrument :
BNA_M
ClientSampleId :
RVE-173

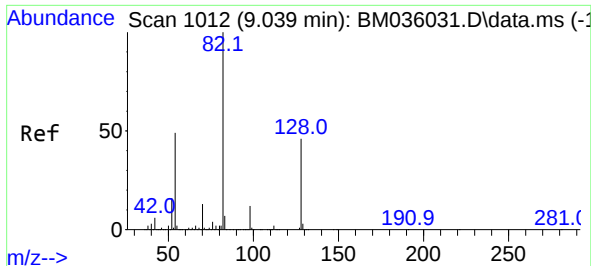
Tgt Ion: 99 Resp: 2228967
Ion Ratio Lower Upper
99 100
42 16.0 18.8 28.2#
71 32.0 30.2 45.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

Tgt Ion: 136 Resp: 1089708
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.1 7.0 10.4
68 5.7 4.3 6.5

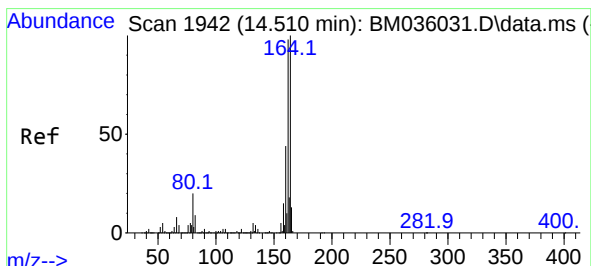
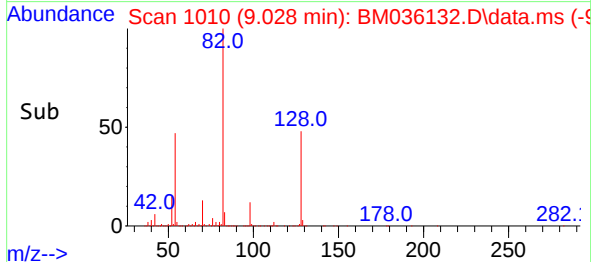
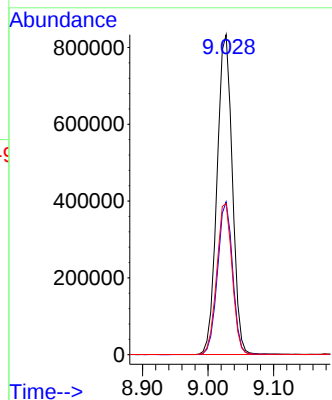
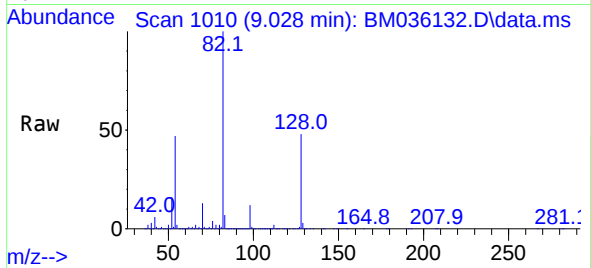




#23
Nitrobenzene-d5
Concen: 69.27 ng
RT: 9.028 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

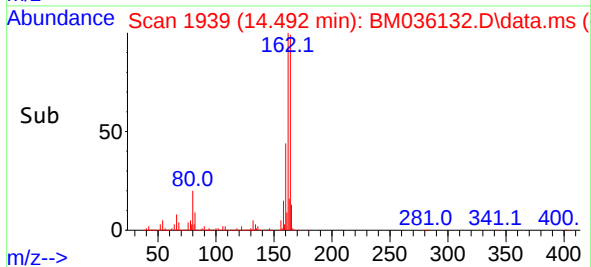
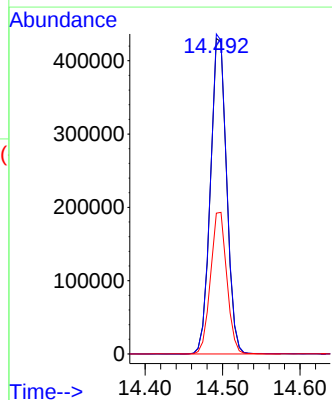
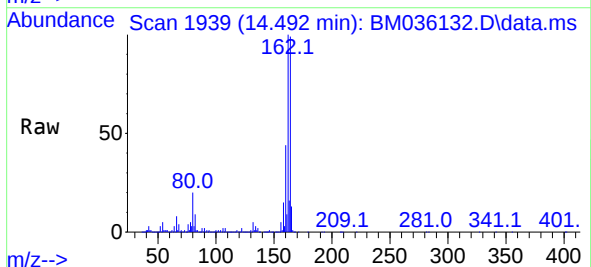
Instrument :
BNA_M
ClientSampleId :
RVE-173

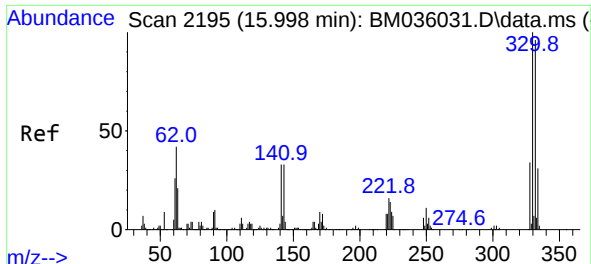
Tgt Ion: 82 Resp: 1348480
Ion Ratio Lower Upper
82 100
128 47.7 33.7 50.5
54 47.2 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

Tgt Ion:164 Resp: 622531
Ion Ratio Lower Upper
164 100
162 101.4 83.0 124.6
160 44.6 37.0 55.4

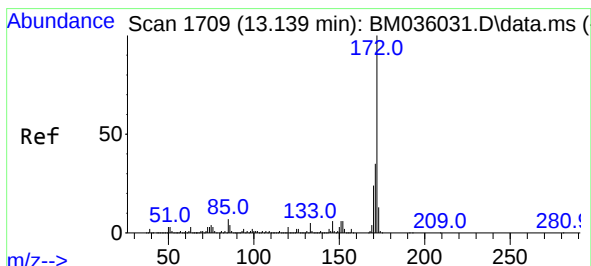
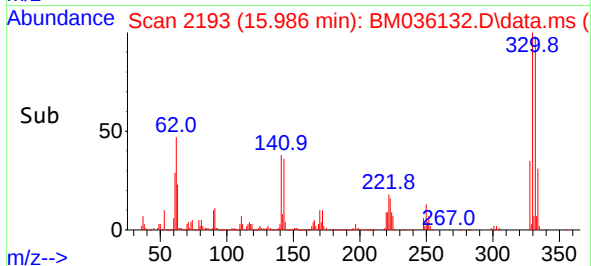
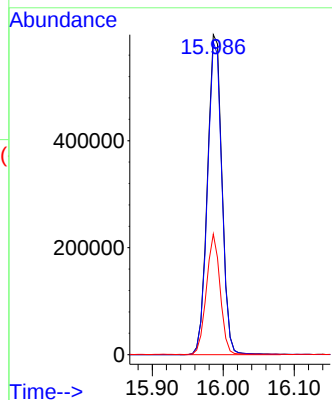
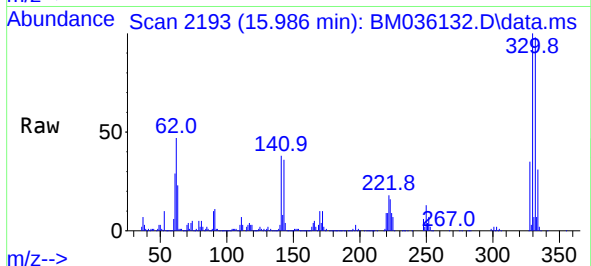




#42
2,4,6-Tribromophenol
Concen: 116.60 ng
RT: 15.986 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

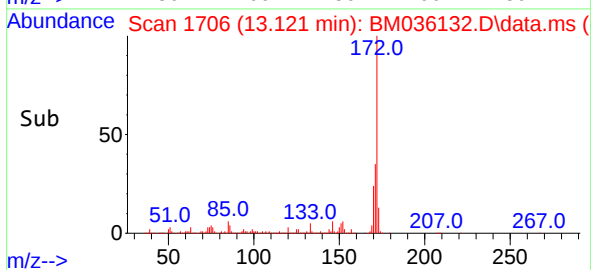
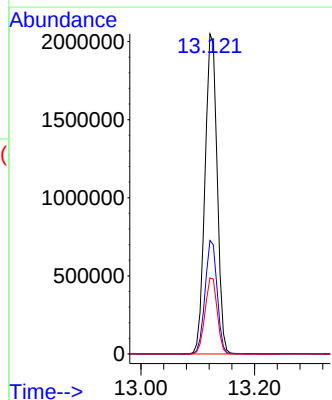
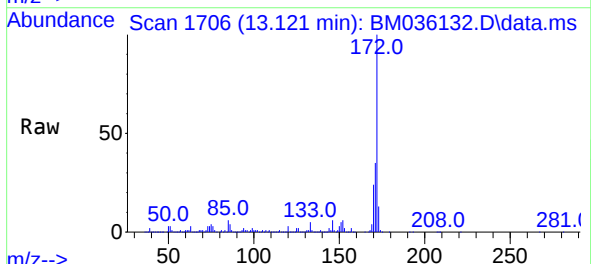
Instrument :
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ClientSampleId :
RVE-173

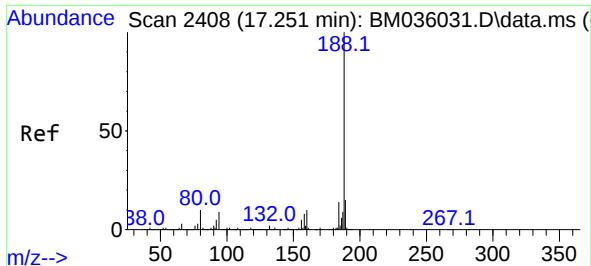
Tgt Ion:330 Resp: 851567
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 35.6 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 72.07 ng
RT: 13.121 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

Tgt Ion:172 Resp: 3038792
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.8 18.7 28.1

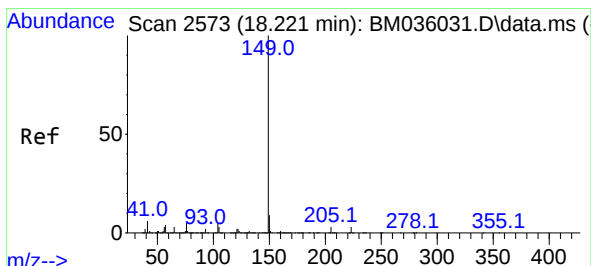
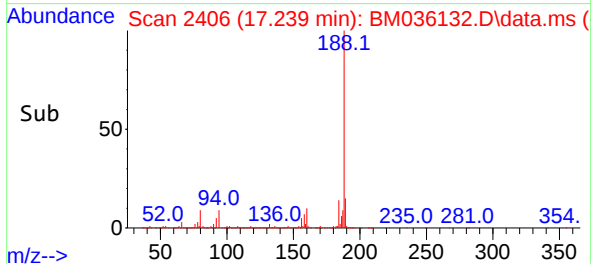
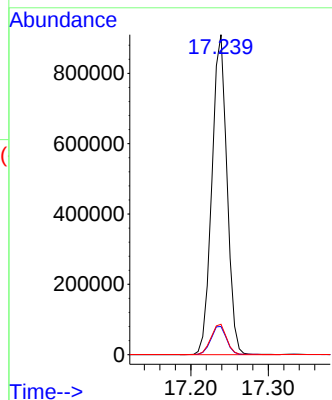
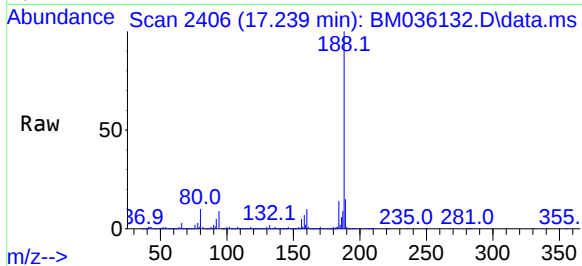




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.239 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

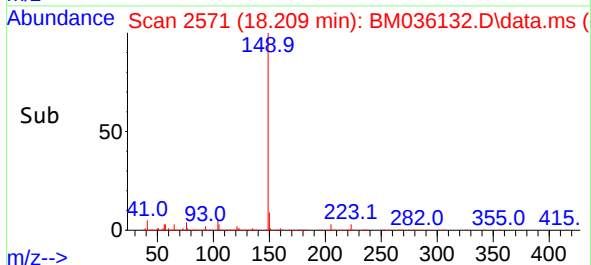
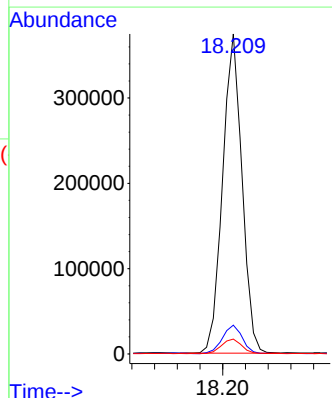
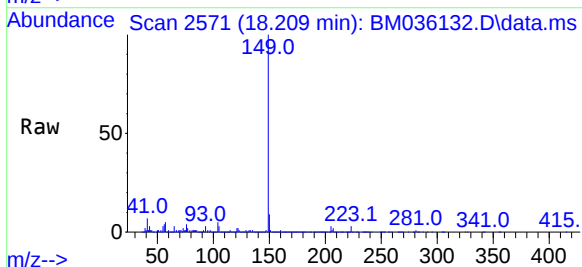
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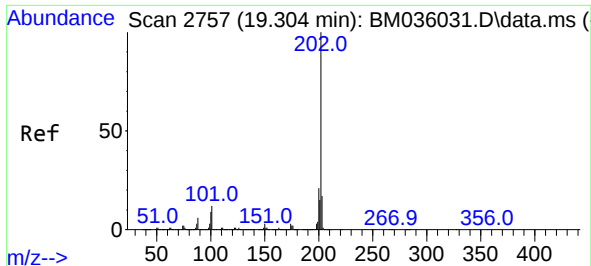
Tgt Ion:188 Resp: 1231044
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.5 7.6 11.4



#74
Di-n-butylphthalate
Concen: 6.03 ng
RT: 18.209 min Scan# 2571
Delta R.T. -0.006 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

Tgt Ion:149 Resp: 443005
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 4.6 4.3 6.5

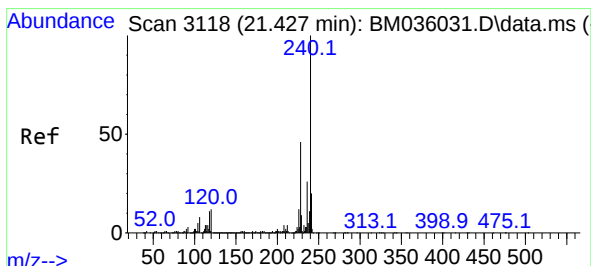
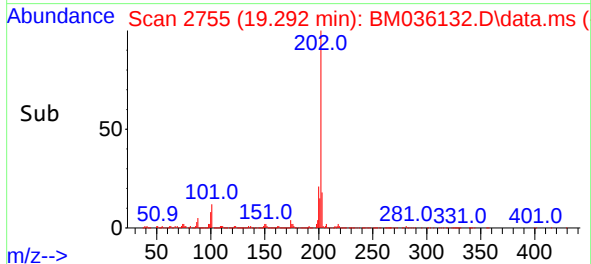
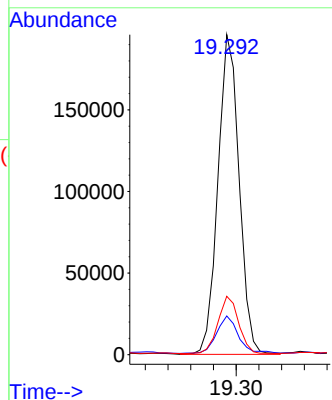
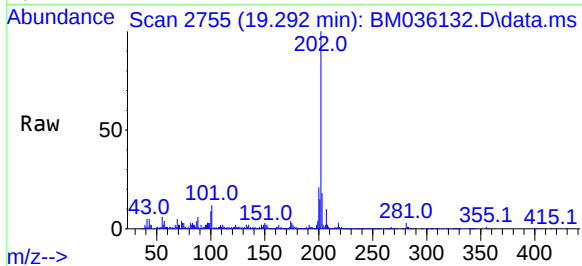




#75
Fluoranthene
Concen: 3.62 ng
RT: 19.292 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

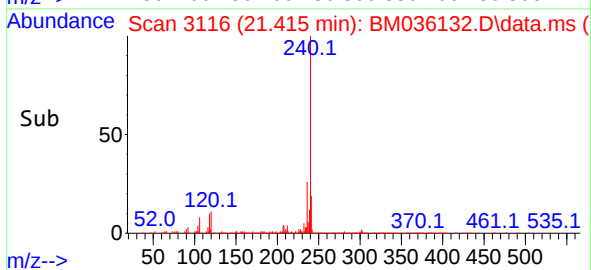
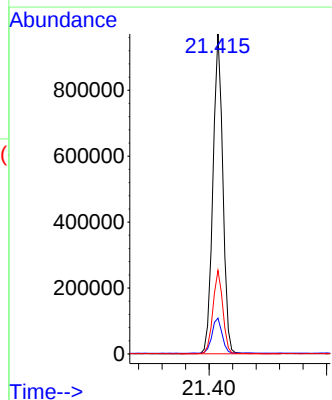
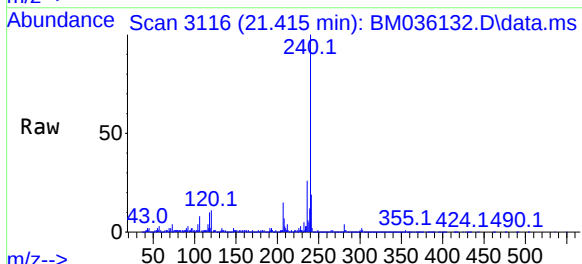
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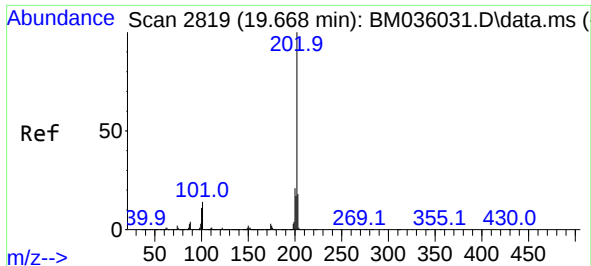
Tgt Ion:202 Resp: 254201
Ion Ratio Lower Upper
202 100
101 12.1 0.0 30.6
203 18.3 0.0 37.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

Tgt Ion:240 Resp: 1135675
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.0
236 26.1 20.6 30.8

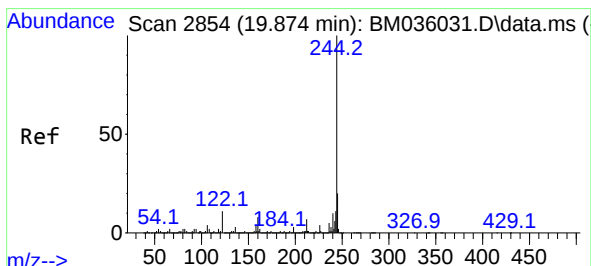
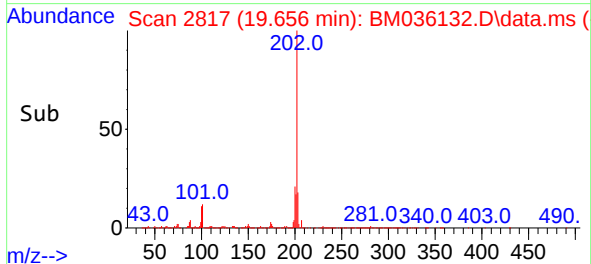
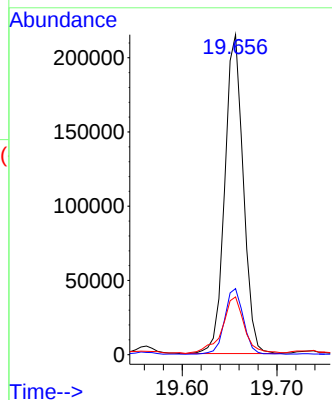
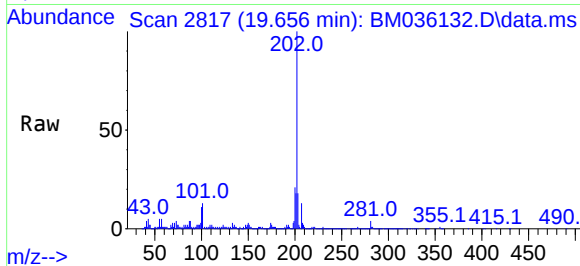




#78
Pyrene
Concen: 4.14 ng
RT: 19.656 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

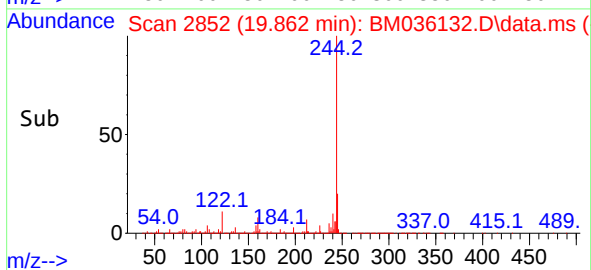
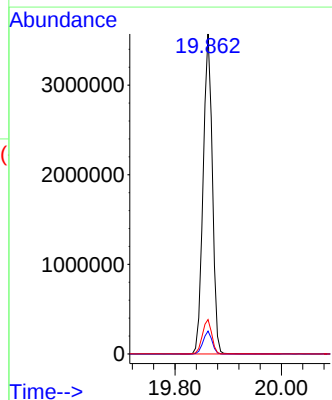
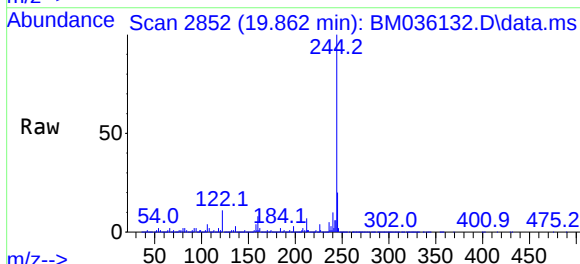
Instrument :
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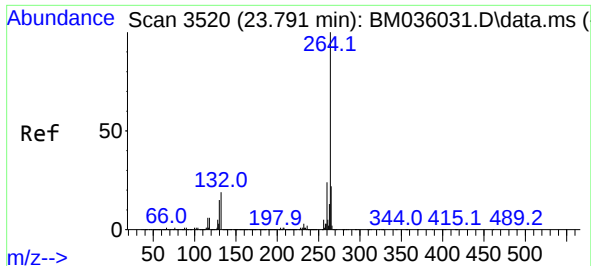
Tgt Ion:202 Resp: 291419
Ion Ratio Lower Upper
202 100
200 20.6 16.7 25.1
203 18.0 13.9 20.9



#79
Terphenyl-d14
Concen: 74.23 ng
RT: 19.862 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

Tgt Ion:244 Resp: 4274229
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.4
122 10.8 8.3 12.5

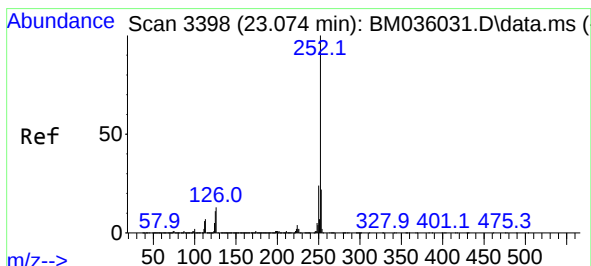
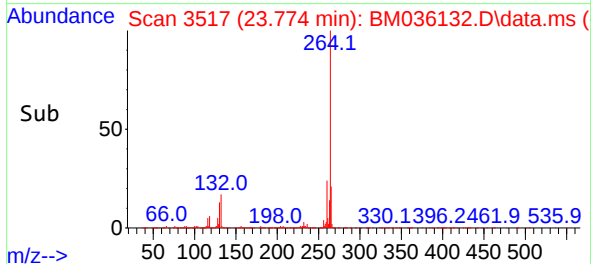
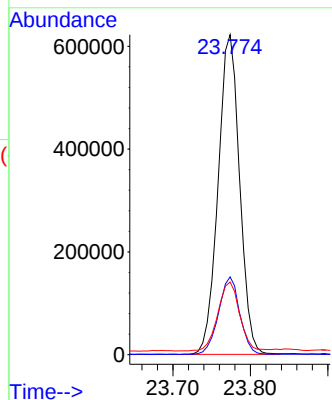
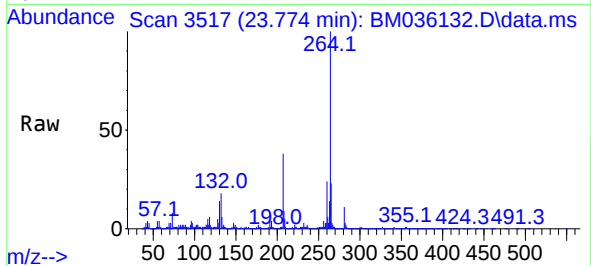




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.774 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BM036132.D
 Acq: 05 Aug 2022 23:04

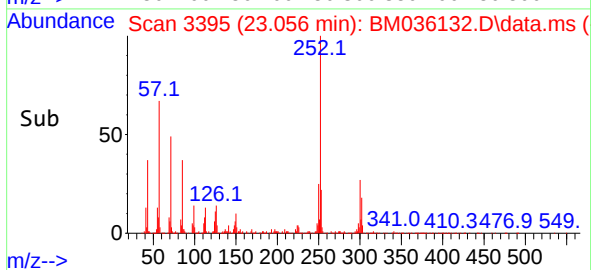
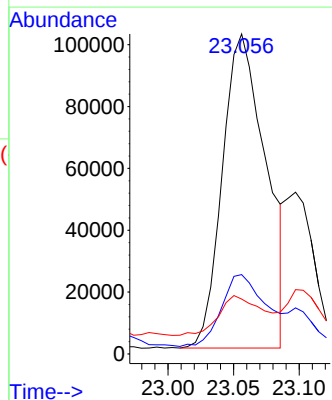
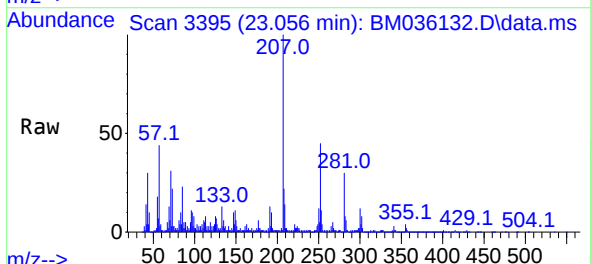
Instrument :
 BNA_M
 ClientSampleId :
 RVE-173

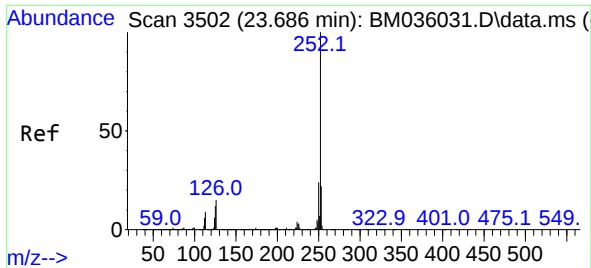
Tgt Ion:264 Resp: 1199980
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 22.7 17.5 26.3



#88
 Benzo(b)fluoranthene
 Concen: 3.33 ng
 RT: 23.056 min Scan# 3395
 Delta R.T. -0.012 min
 Lab File: BM036132.D
 Acq: 05 Aug 2022 23:04

Tgt Ion:252 Resp: 234405
 Ion Ratio Lower Upper
 252 100
 253 24.8 17.6 26.4
 125 17.1 7.6 11.4#





#90
Benzo(a)pyrene
Concen: 2.73 ng
RT: 23.668 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

Instrument :
BNA_M
ClientSampleId :
RVE-173

Tgt Ion:252 Resp: 161127
Ion Ratio Lower Upper
252 100
253 23.5 17.2 25.8
125 17.6 8.7 13.1#

