

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)

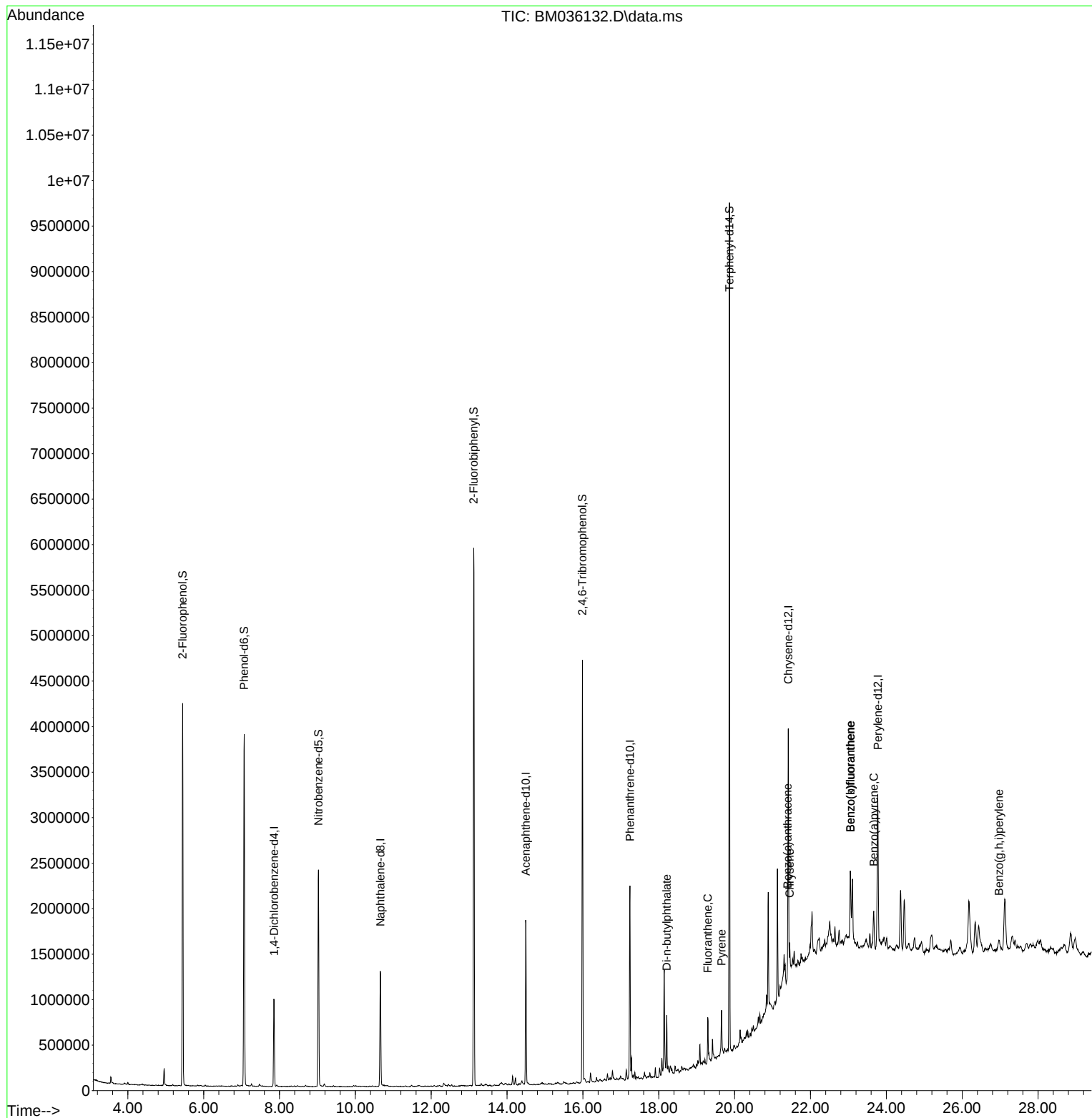
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	269680	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1089708	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	622531	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	1231044	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1135675	20.000	ng	0.00
86) Perylene-d12	23.774	264	1199980	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1804845	108.504	ng	0.02
7) Phenol-d6	7.069	99	2228967	105.311	ng	0.04
23) Nitrobenzene-d5	9.028	82	1348480	69.270	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	851567	116.603	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	3038792	72.072	ng	0.00
79) Terphenyl-d14	19.862	244	4274229	74.235	ng	0.00
Target Compounds						
						Qvalue
74) Di-n-butylphthalate	18.209	149	443005	6.032	ng	99
75) Fluoranthene	19.292	202	254201	3.621	ng	97
78) Pyrene	19.656	202	291419	4.138	ng	99
81) Benzo(a)anthracene	21.397	228	141323	2.020	ng	95
83) Chrysene	21.450	228	162765	2.448	ng	96
88) Benzo(b)fluoranthene	23.056	252	234405	3.334	ng	# 90
89) Benzo(k)fluoranthene	23.056	252	234405	3.301	ng	# 89
90) Benzo(a)pyrene	23.668	252	161127	2.732	ng	# 91
92) Benzo(g,h,i)perylene	26.973	276	142795	2.090	ng	93

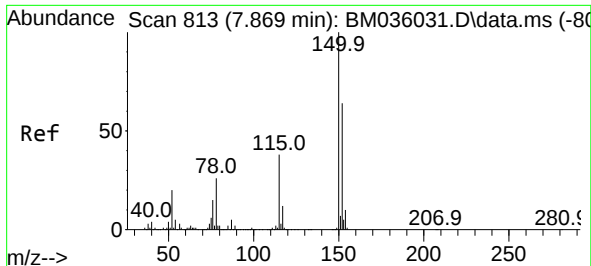
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
Data File : BM036132.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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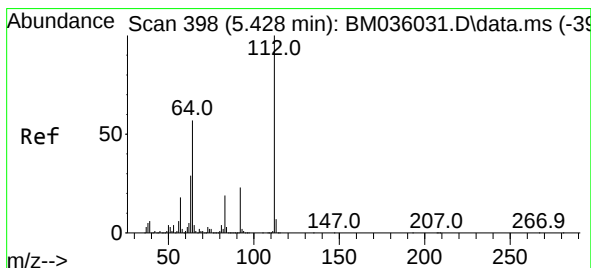
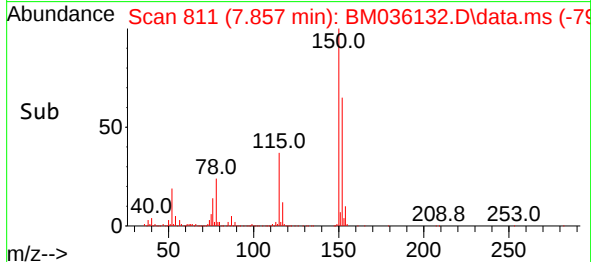
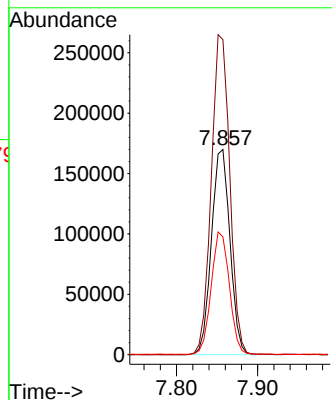
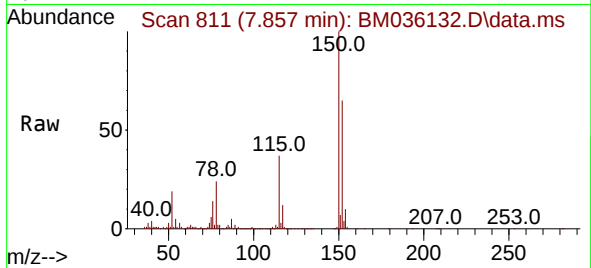




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

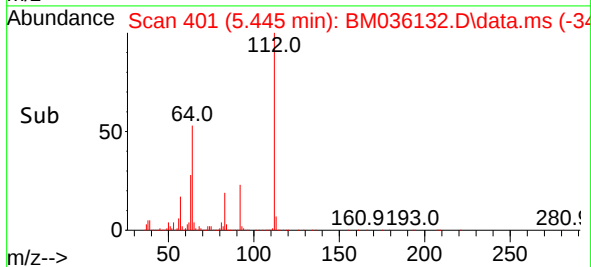
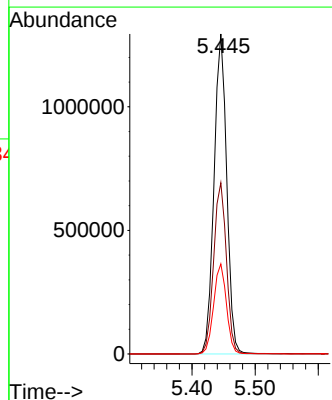
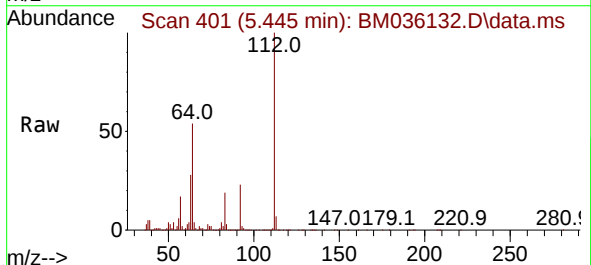
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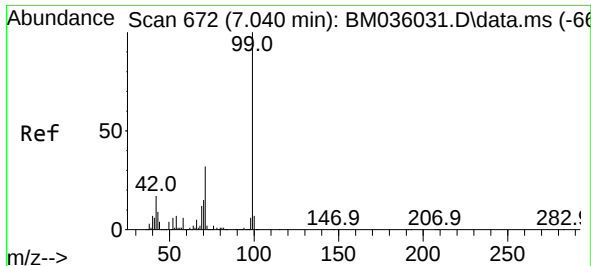
Tgt Ion:152 Resp: 269680
Ion Ratio Lower Upper
152 100
150 153.5 124.9 187.3
115 57.4 47.9 71.9



#5
2-Fluorophenol
Concen: 108.504 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

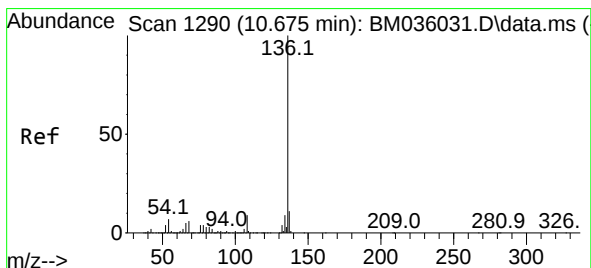
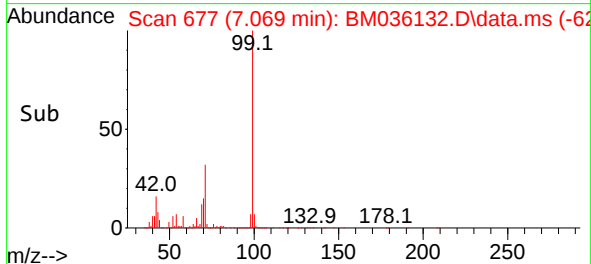
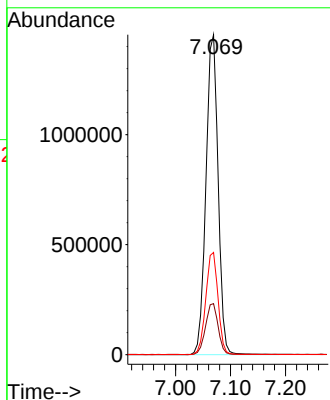
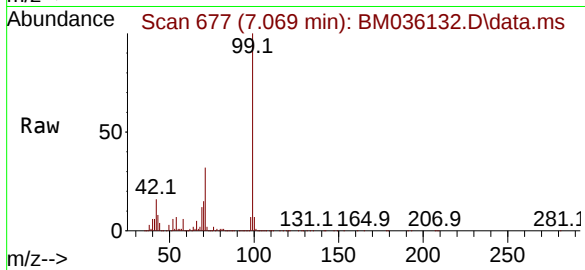




#7
Phenol-d6
Concen: 105.311 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.035 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

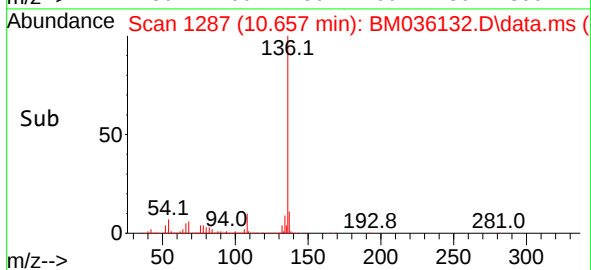
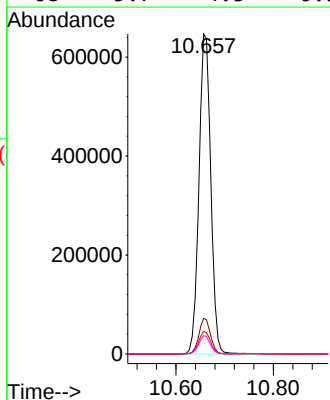
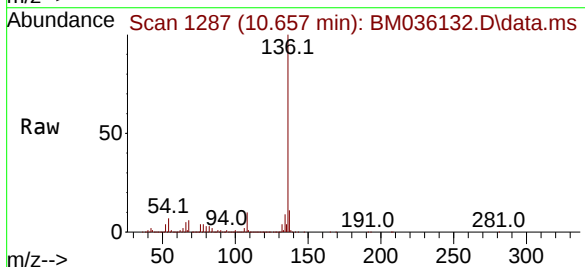
Instrument :
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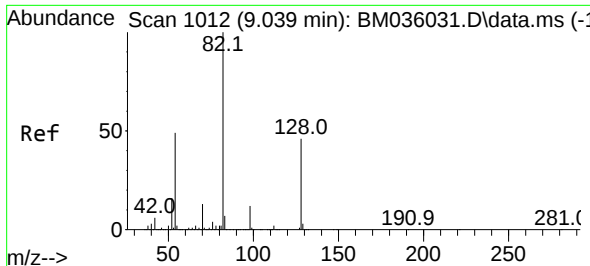
Tgt Ion: 99 Resp: 2228967
Ion Ratio Lower Upper
99 100
42 16.0 18.8 28.2#
71 32.0 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 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

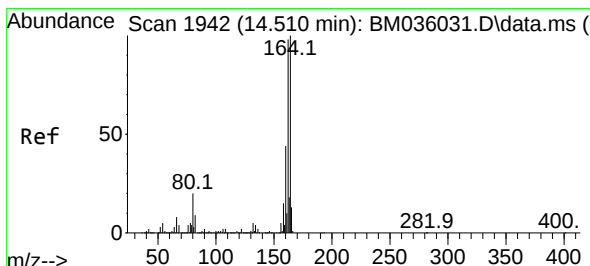
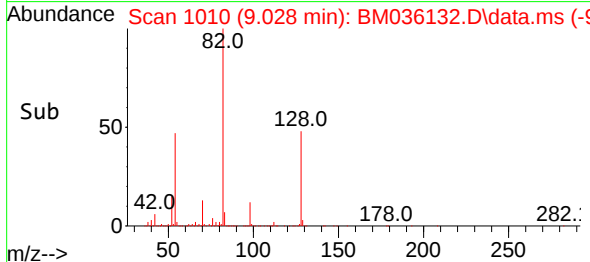
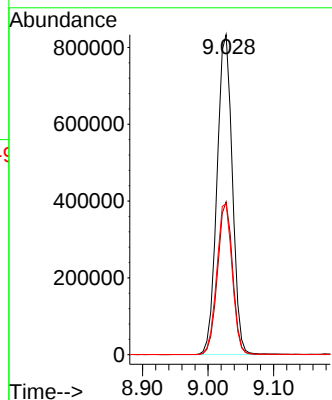
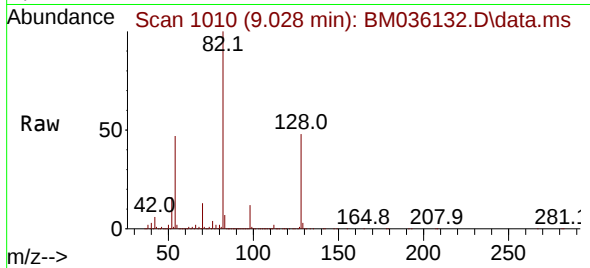




#23
Nitrobenzene-d5
Concen: 69.270 ng
RT: 9.028 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

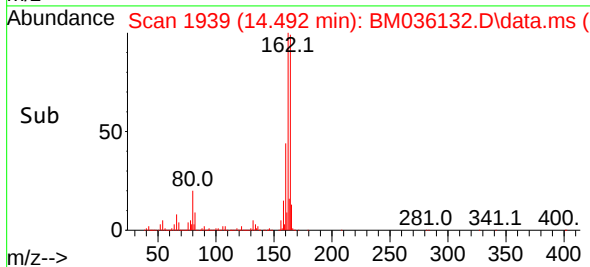
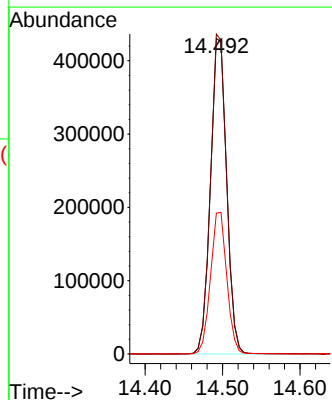
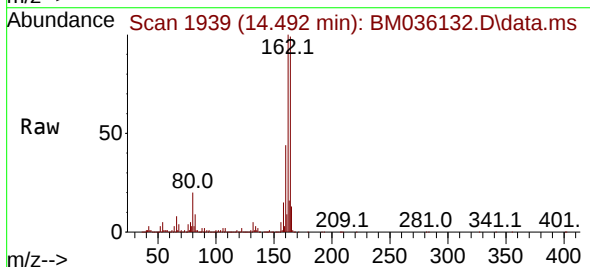
Instrument :
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ClientSampleId :
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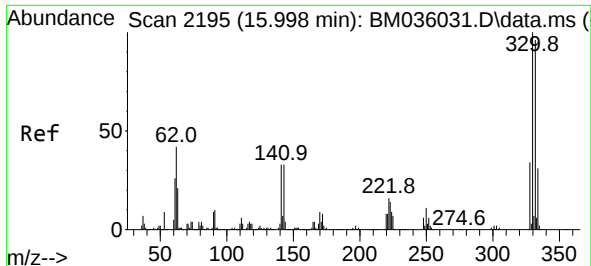
Tgt Ion: 82 Resp: 1348480
Ion Ratio Lower Upper
82 100
128 47.7 33.7 50.5
54 47.2 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 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

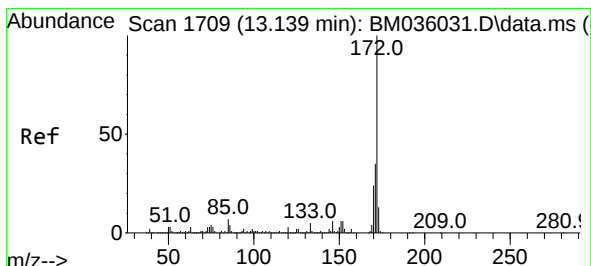
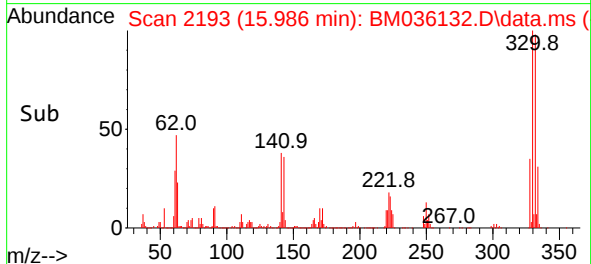
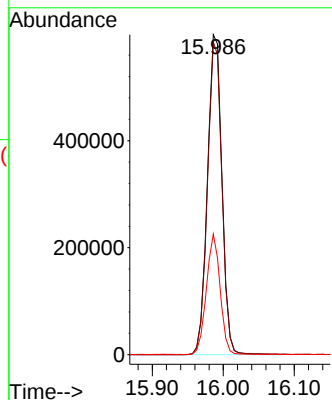
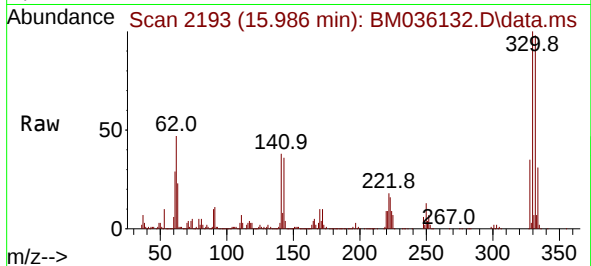




#42
2,4,6-Tribromophenol
Concen: 116.603 ng
RT: 15.986 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

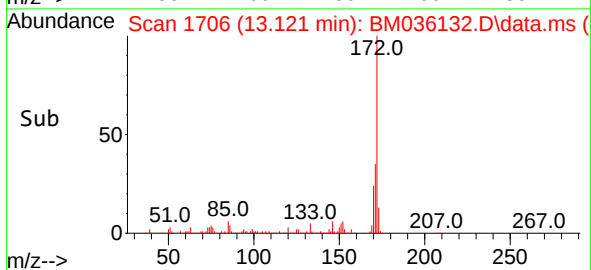
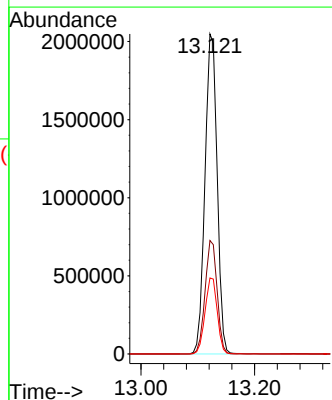
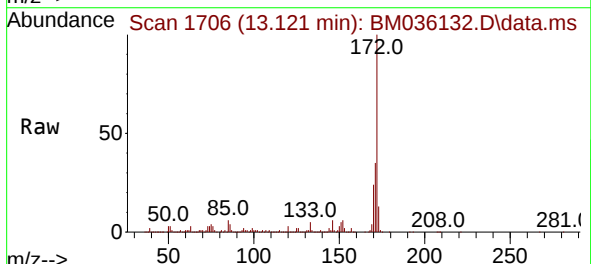
Instrument :
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ClientSampleId :
RVE-173

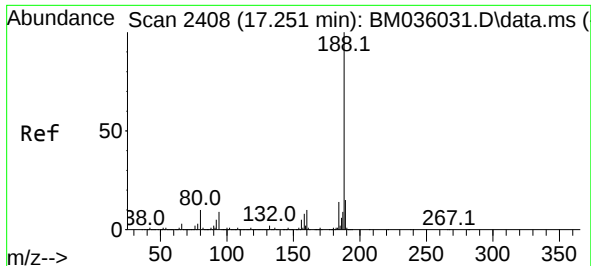
Tgt Ion:330 Resp: 851567
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 35.6 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 72.072 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

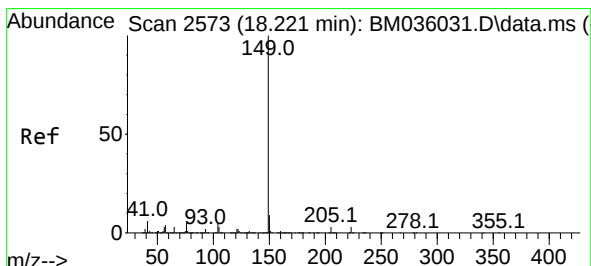
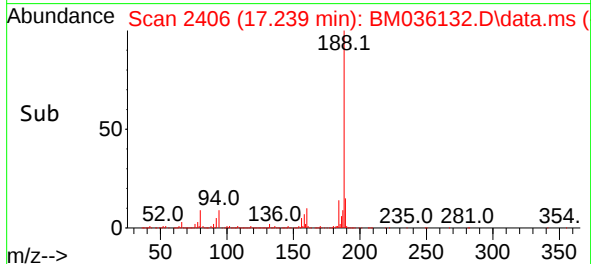
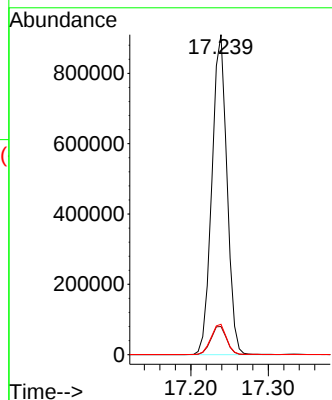
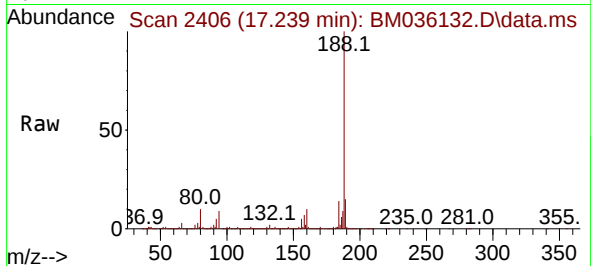




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

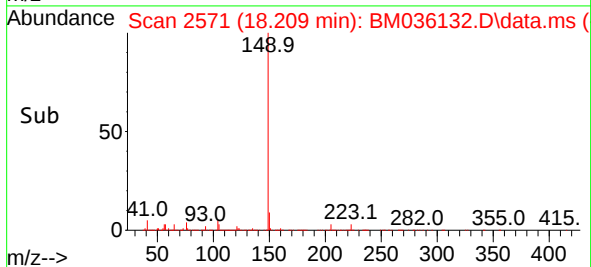
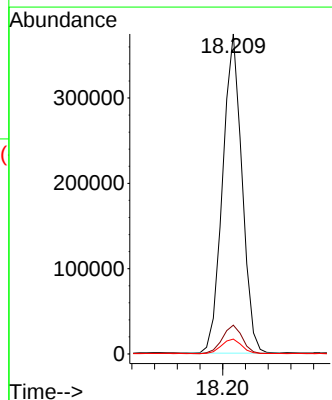
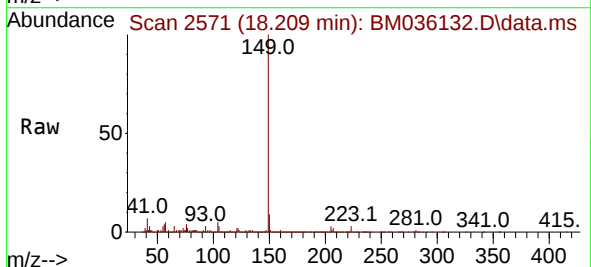
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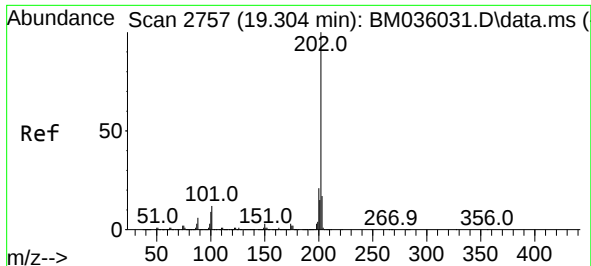
Tgt Ion:188 Resp: 1231044
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.5 7.6 11.4



#74
Di-n-butylphthalate
Concen: 6.032 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

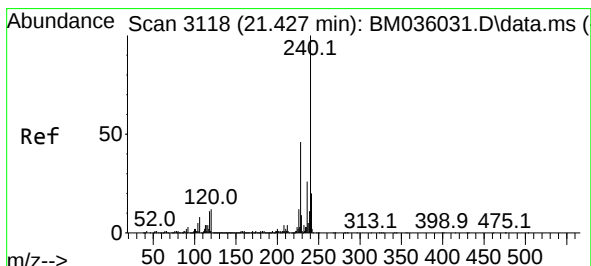
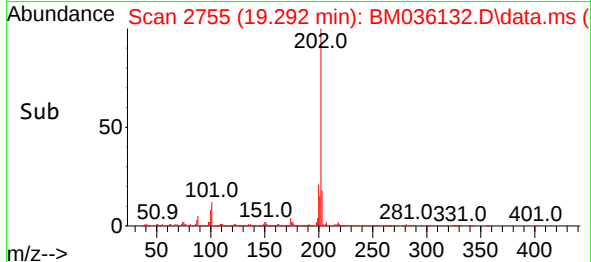
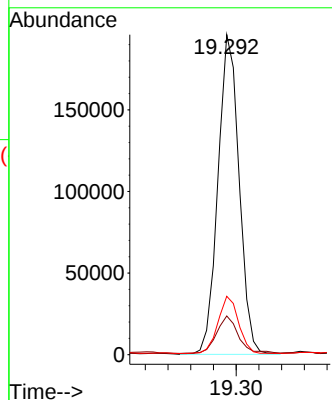
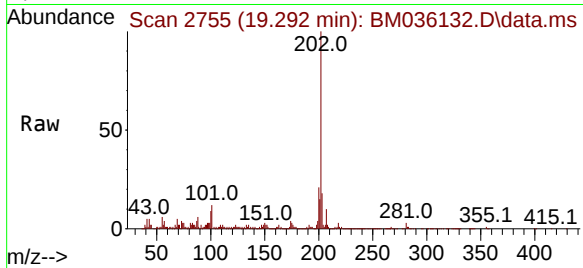




#75
Fluoranthene
Concen: 3.621 ng
RT: 19.292 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

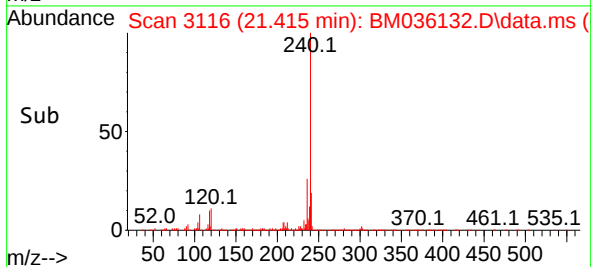
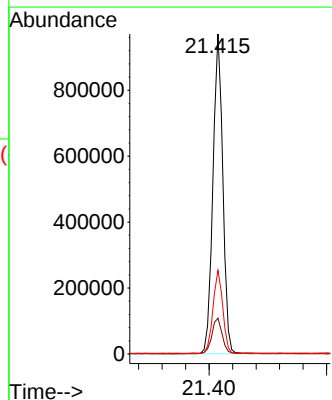
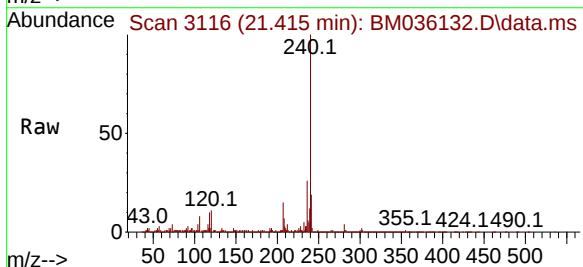
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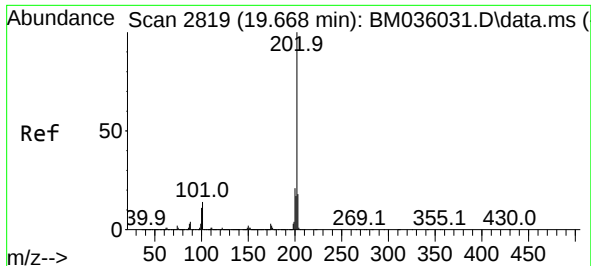
Tgt Ion:202 Resp: 254201
Ion Ratio Lower Upper
202 100
101 12.1 0.0 30.6
203 18.3 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 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

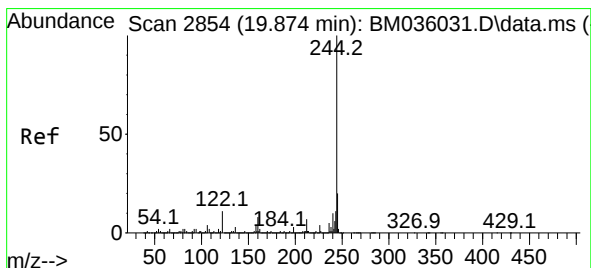
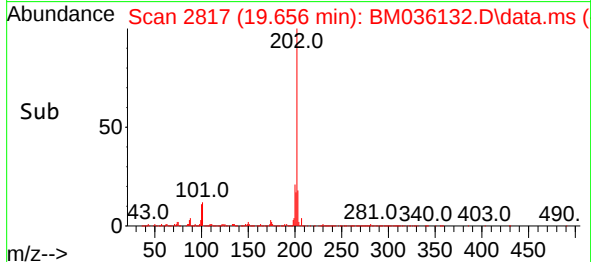
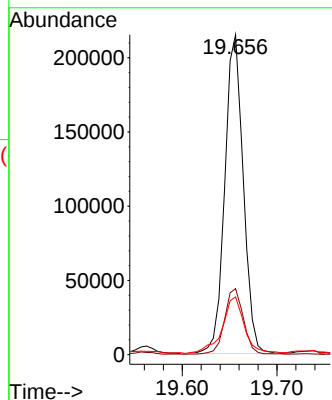
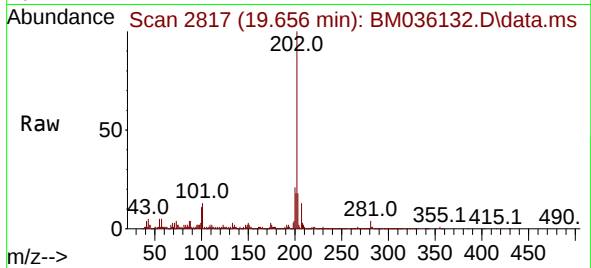




#78
Pyrene
Concen: 4.138 ng
RT: 19.656 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

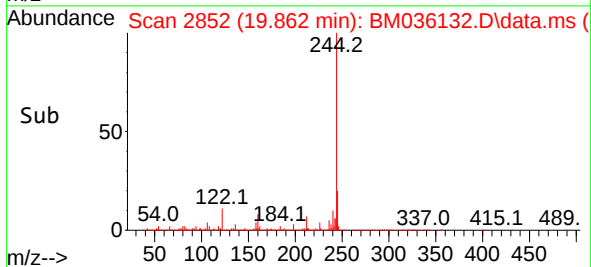
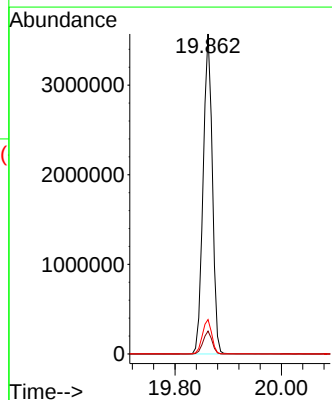
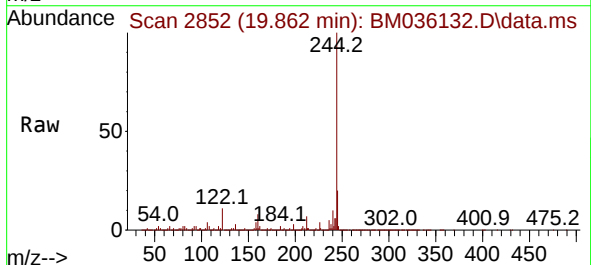
Instrument :
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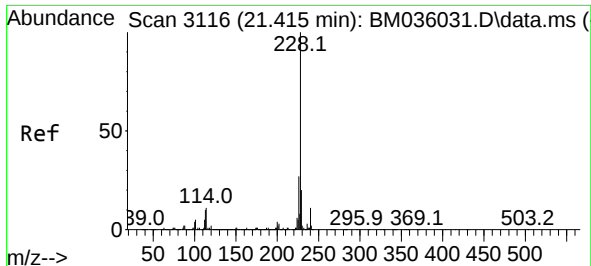
Tgt Ion:202 Resp: 291419
Ion Ratio Lower Upper
202 100
200 20.6 16.7 25.1
203 18.0 13.9 20.9



#79
Terphenyl-d14
Concen: 74.235 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

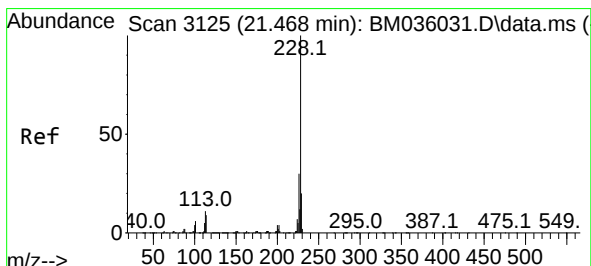
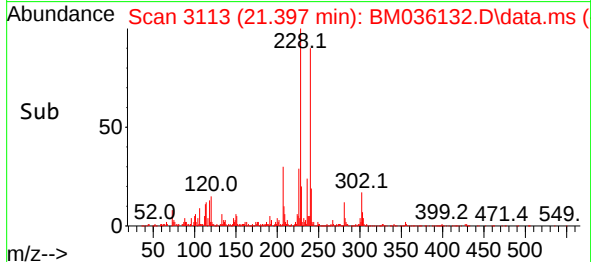
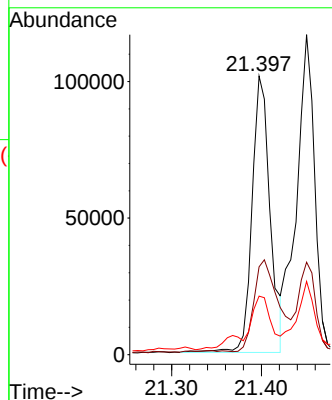
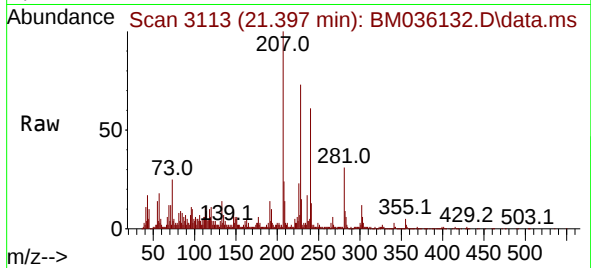




#81
Benzo(a)anthracene
Concen: 2.020 ng
RT: 21.397 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

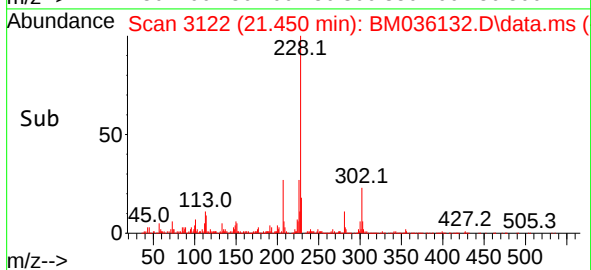
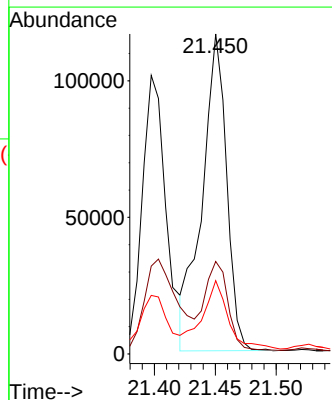
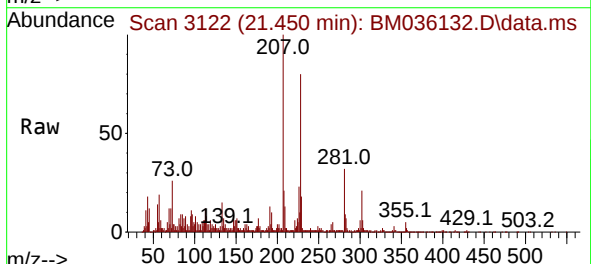
Instrument :
BNA_M
ClientSampleId :
RVE-173

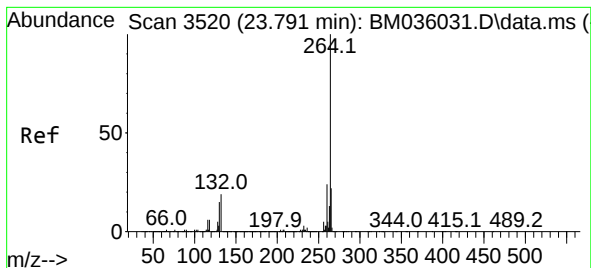
Tgt Ion:228 Resp: 141323
Ion Ratio Lower Upper
228 100
226 31.6 22.3 33.5
229 21.0 15.8 23.6



#83
Chrysene
Concen: 2.448 ng
RT: 21.450 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

Tgt Ion:228 Resp: 162765
Ion Ratio Lower Upper
228 100
226 28.9 24.4 36.6
229 22.9 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM036132.D

Acq: 05 Aug 2022 23:04

Instrument :

BNA_M

ClientSampleId :

RVE-173

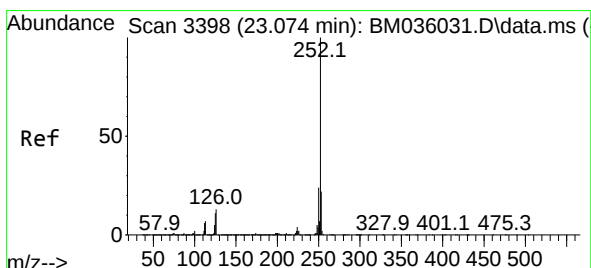
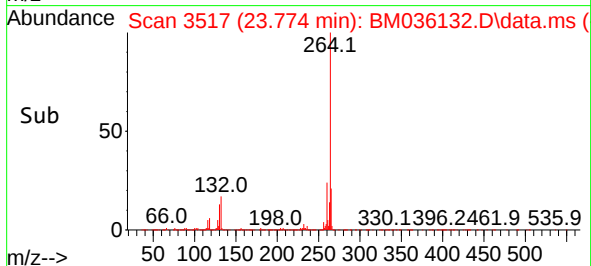
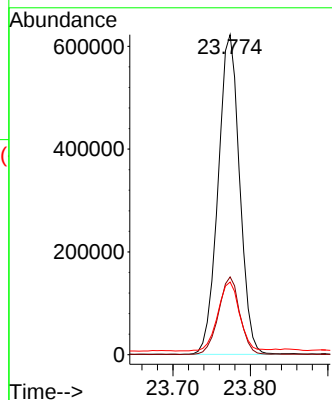
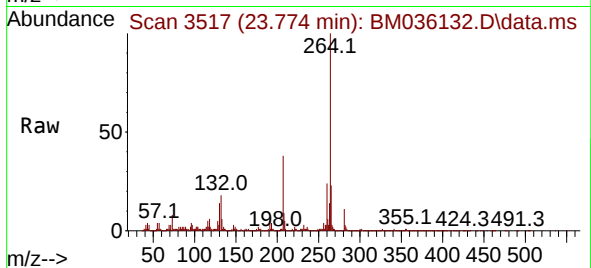
Tgt Ion:264 Resp: 1199980

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: 3.334 ng

RT: 23.056 min Scan# 3395

Delta R.T. -0.012 min

Lab File: BM036132.D

Acq: 05 Aug 2022 23:04

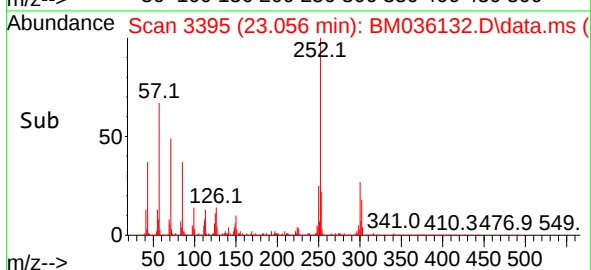
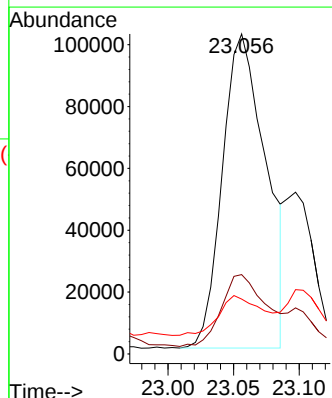
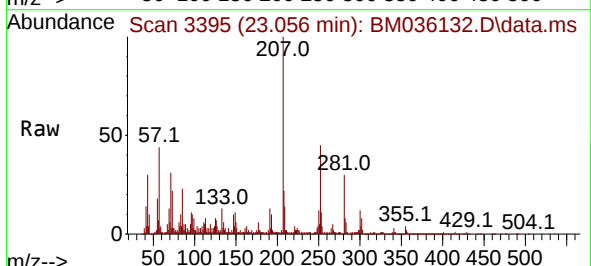
Tgt Ion:252 Resp: 234405

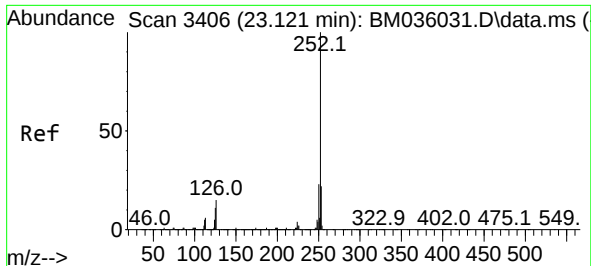
Ion Ratio Lower Upper

252 100

253 24.8 17.6 26.4

125 17.1 7.6 11.4#

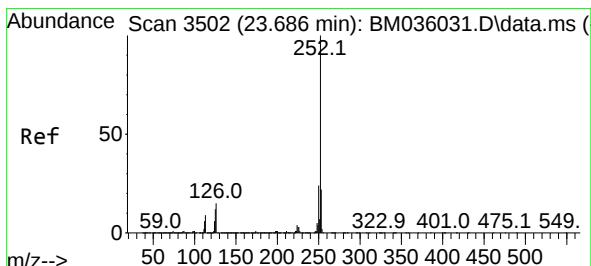
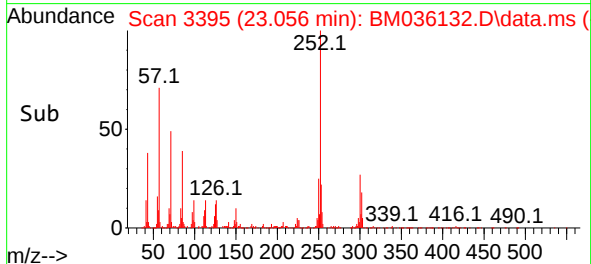
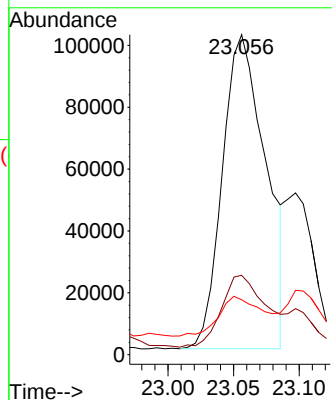
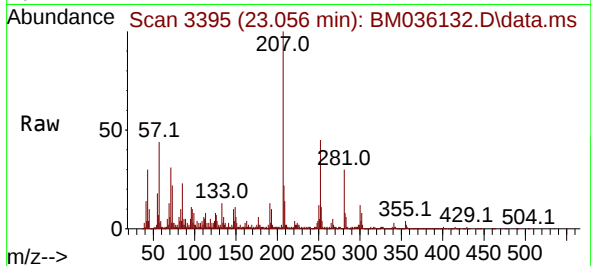




#89
Benzo(k)fluoranthene
Concen: 3.301 ng
RT: 23.056 min Scan# 31
Delta R.T. -0.059 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

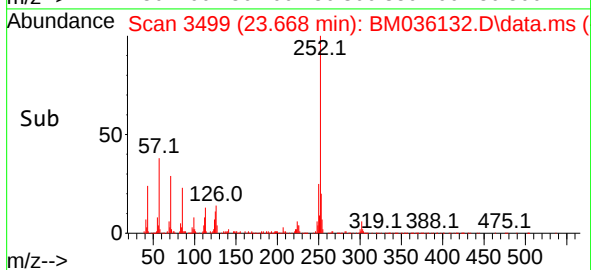
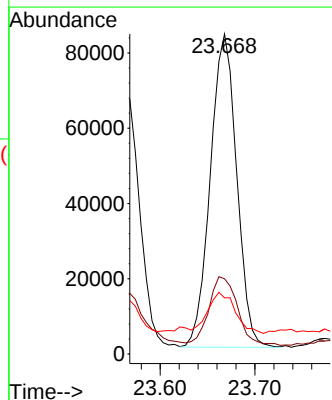
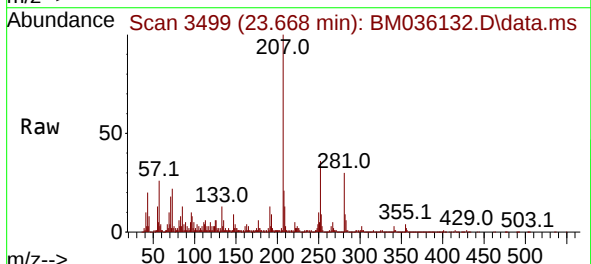
Instrument :
BNA_M
ClientSampleId :
RVE-173

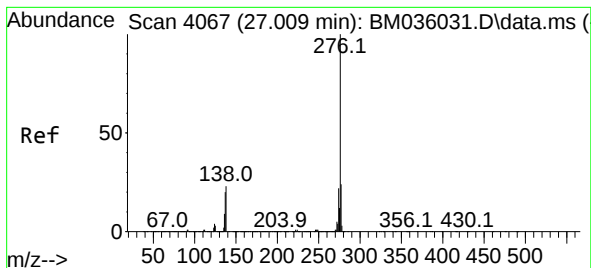
Tgt Ion:252 Resp: 234405
Ion Ratio Lower Upper
252 100
253 24.8 17.5 26.3
125 17.1 7.6 11.4#



#90
Benzo(a)pyrene
Concen: 2.732 ng
RT: 23.668 min Scan# 3499
Delta R.T. -0.012 min
Lab File: BM036132.D
Acq: 05 Aug 2022 23:04

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#





#92

Benzo(g,h,i)perylene

Concen: 2.090 ng

RT: 26.973 min Scan# 40

Delta R.T. -0.024 min

Lab File: BM036132.D

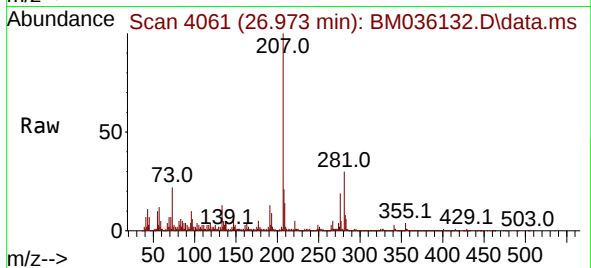
Acq: 05 Aug 2022 23:04

Instrument :

BNA_M

ClientSampleId :

RVE-173



Tgt Ion:276 Resp: 142795

Ion Ratio Lower Upper

276 100

277 26.2 18.7 28.1

138 26.2 17.6 26.4

