

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
 Data File : BM036140.D
 Acq On : 06 Aug 2022 03:56
 Operator : CG/JU
 Sample : N3961-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-172

Quant Time: Aug 06 05:01:36 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)

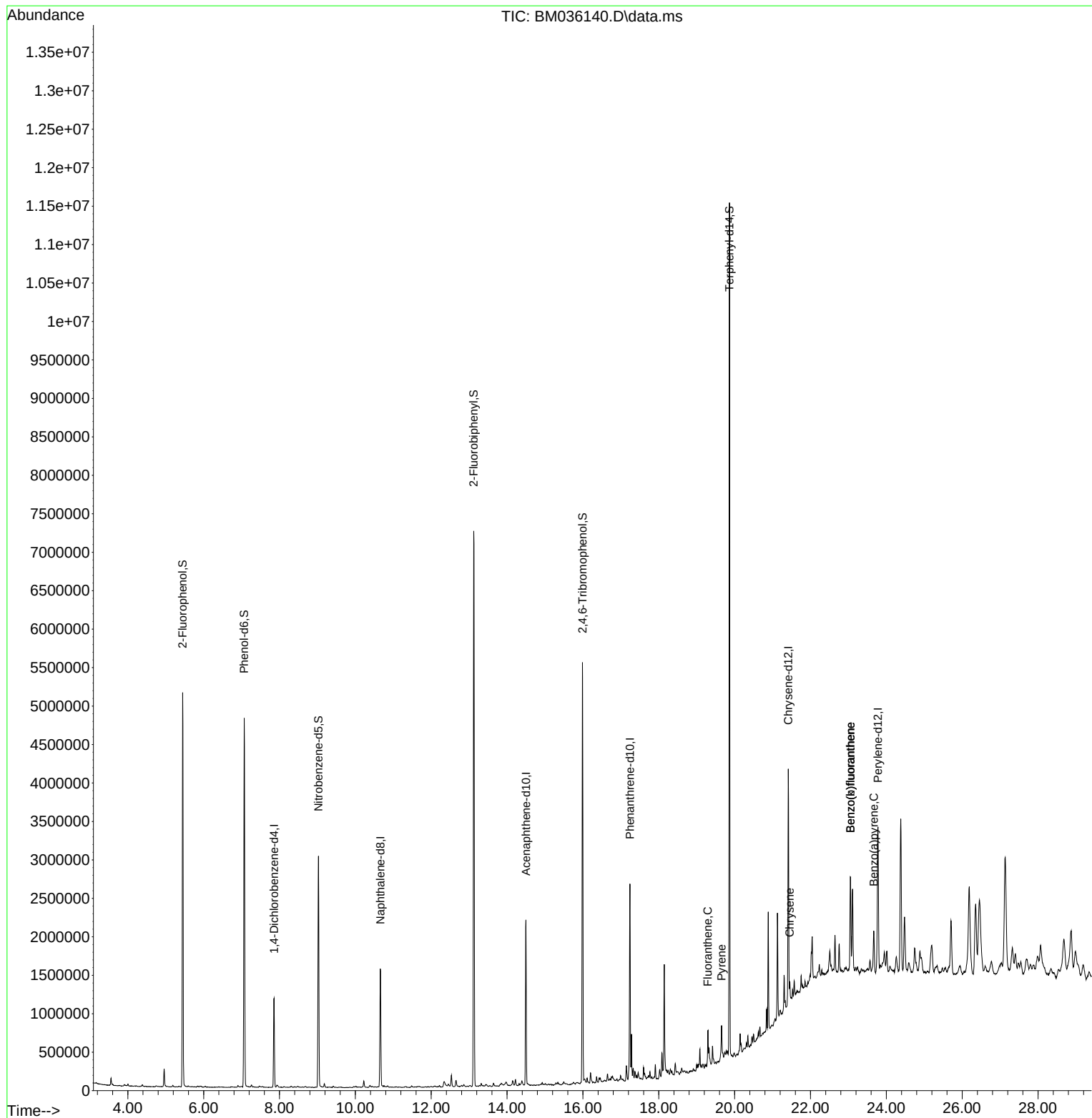
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	320286	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1313696	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	750469	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	1462222	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1336144	20.000	ng	0.00
86) Perylene-d12	23.780	264	1383187	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	2249837	113.885	ng	0.02
7) Phenol-d6	7.069	99	2781293	110.644	ng	0.04
23) Nitrobenzene-d5	9.028	82	1691168	72.061	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	1038026	117.904	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	3720789	73.203	ng	0.00
79) Terphenyl-d14	19.862	244	5204297	76.827	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.292	202	226549	2.717	ng	97
78) Pyrene	19.656	202	256376	3.094	ng	99
83) Chrysene	21.450	228	157082	2.008	ng	97
88) Benzo(b)fluoranthene	23.056	252	227008	2.801	ng	# 83
89) Benzo(k)fluoranthene	23.056	252	227008	2.773	ng	# 83
90) Benzo(a)pyrene	23.668	252	146134	2.149	ng	# 87

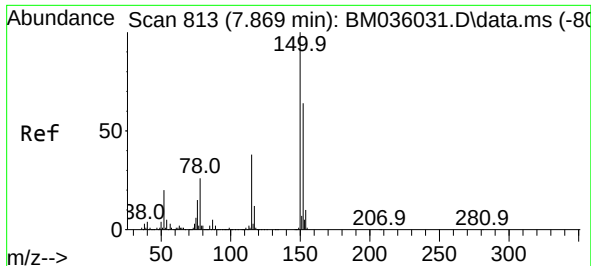
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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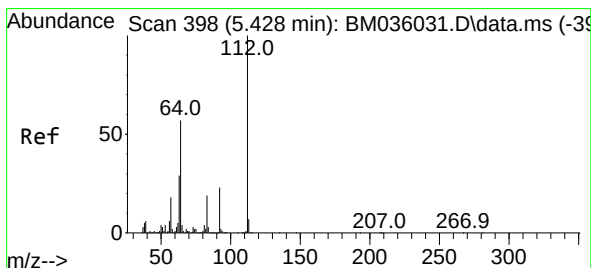
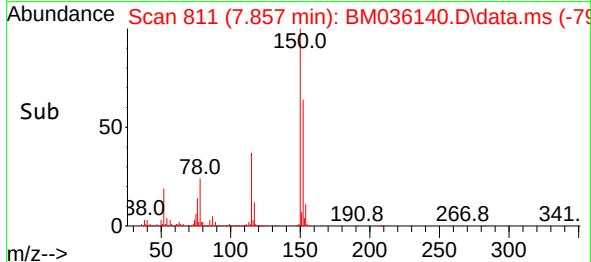
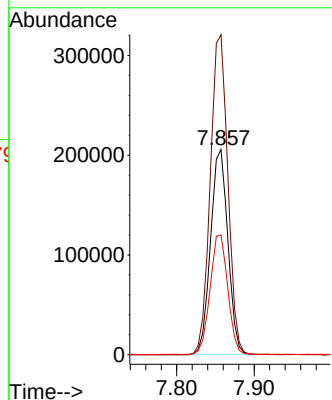
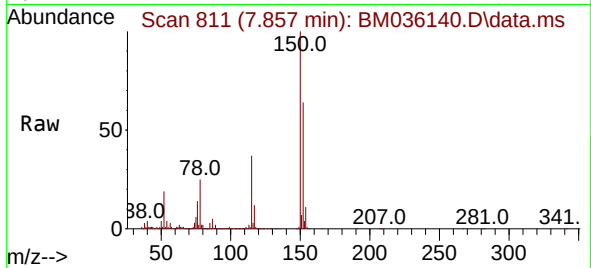




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

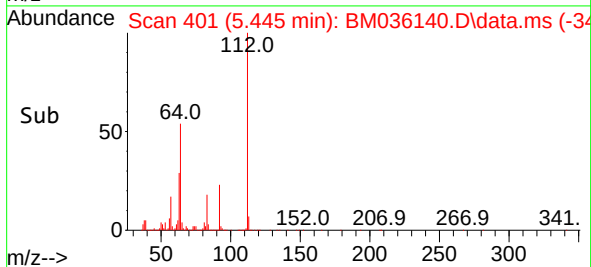
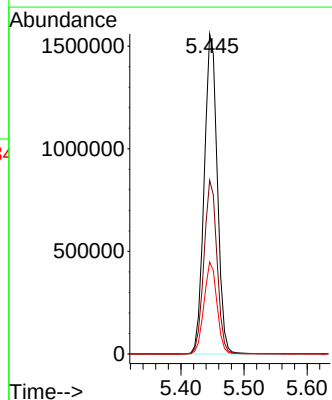
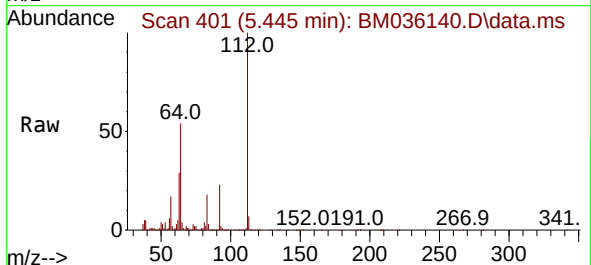
Instrument :
BNA_M
ClientSampleId :
RVE-172

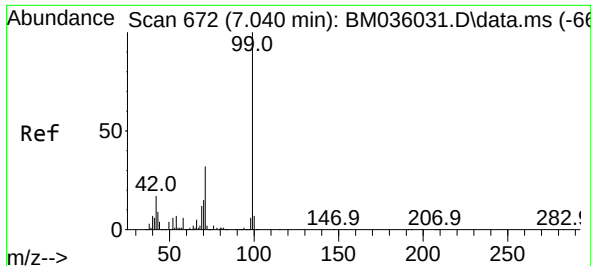
Tgt Ion:152 Resp: 320286
Ion Ratio Lower Upper
152 100
150 155.9 124.9 187.3
115 58.4 47.9 71.9



#5
2-Fluorophenol
Concen: 113.885 ng
RT: 5.445 min Scan# 401
Delta R.T. 0.023 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

Tgt Ion:112 Resp: 2249837
Ion Ratio Lower Upper
112 100
64 54.3 47.8 71.6
63 28.8 26.6 40.0

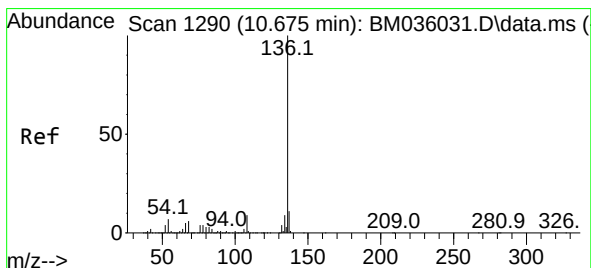
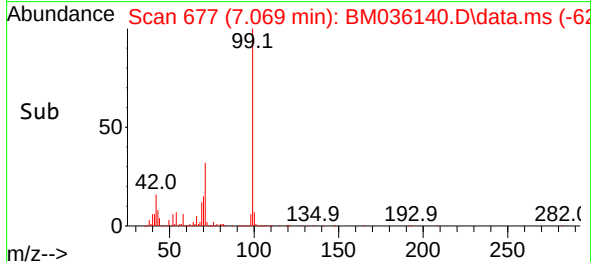
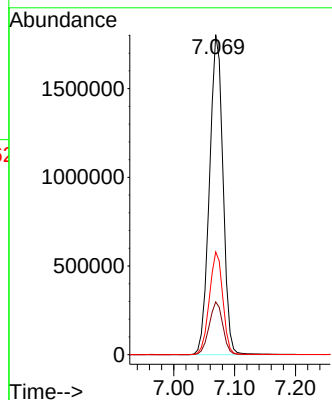
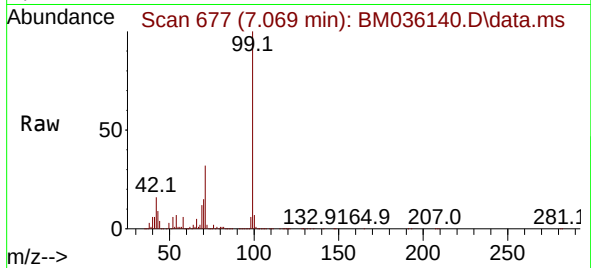




#7
Phenol-d6
Concen: 110.644 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.035 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

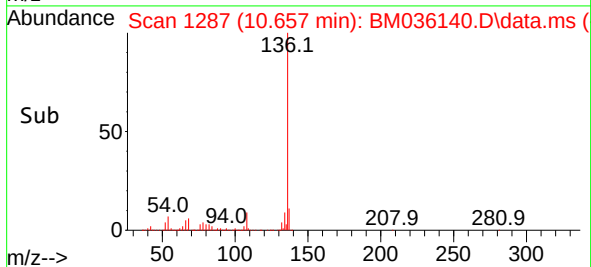
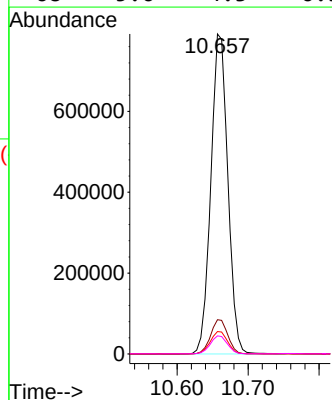
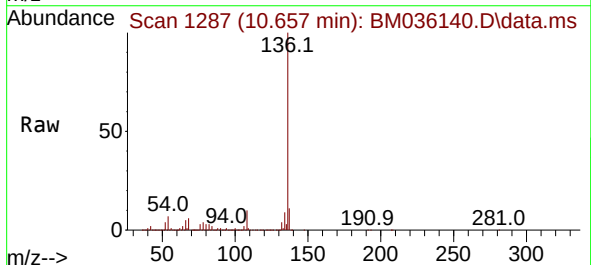
Instrument :
BNA_M
ClientSampleId :
RVE-172

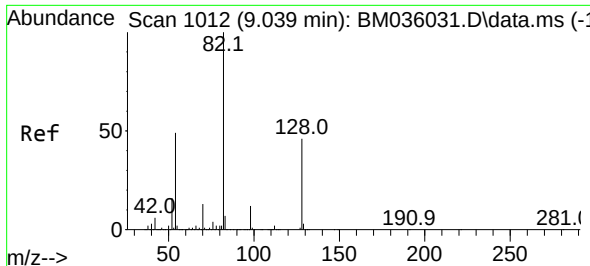
Tgt Ion: 99 Resp: 2781293
Ion Ratio Lower Upper
99 100
42 16.5 18.8 28.2#
71 32.1 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

Tgt Ion: 136 Resp: 1313696
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.0 7.0 10.4
68 5.6 4.3 6.5

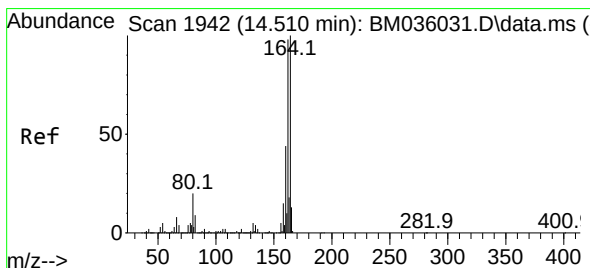
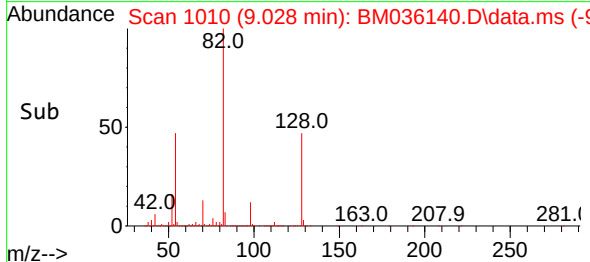
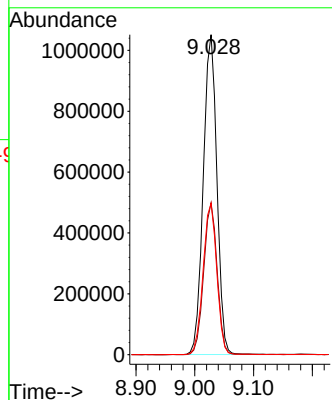
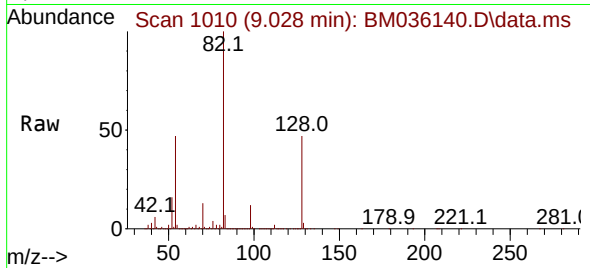




#23
Nitrobenzene-d5
Concen: 72.061 ng
RT: 9.028 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

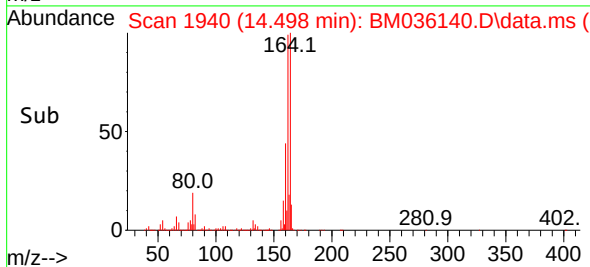
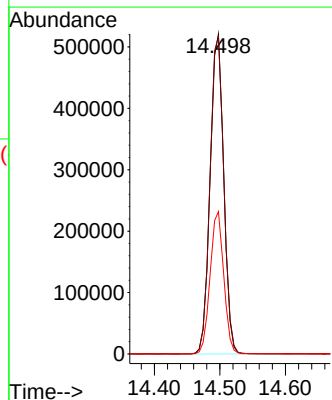
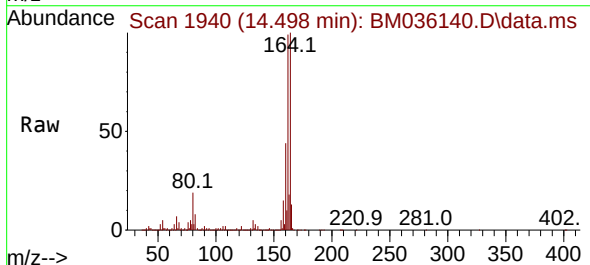
Instrument :
BNA_M
ClientSampleId :
RVE-172

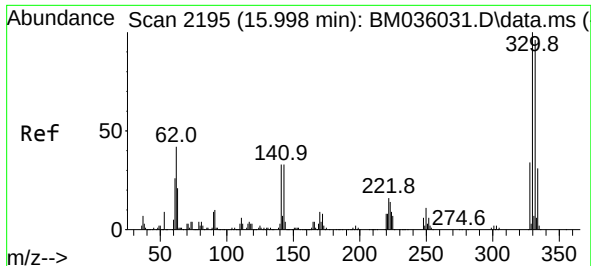
Tgt Ion: 82 Resp: 1691168
Ion Ratio Lower Upper
82 100
128 47.5 33.7 50.5
54 47.3 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

Tgt Ion:164 Resp: 750469
Ion Ratio Lower Upper
164 100
162 99.2 83.0 124.6
160 44.5 37.0 55.4

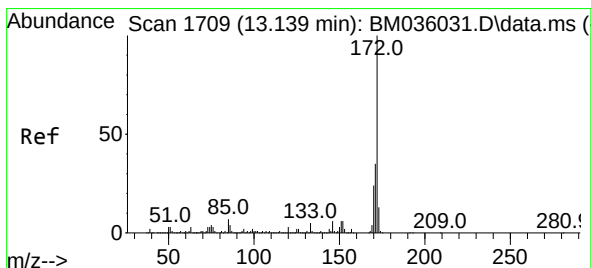
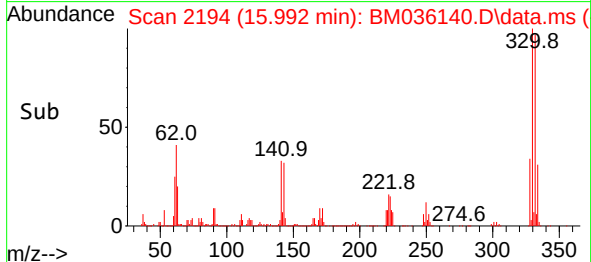
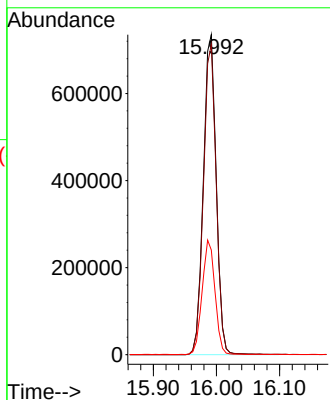
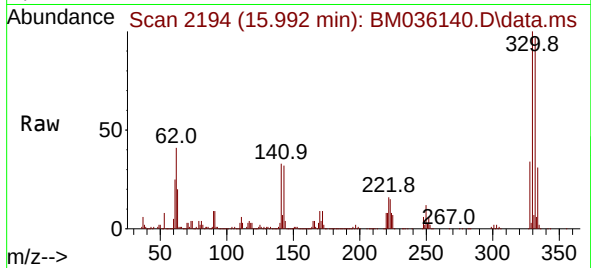




#42
2,4,6-Tribromophenol
Concen: 117.904 ng
RT: 15.992 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

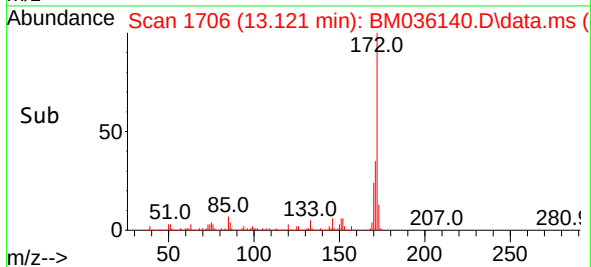
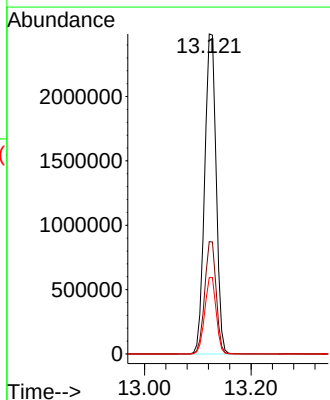
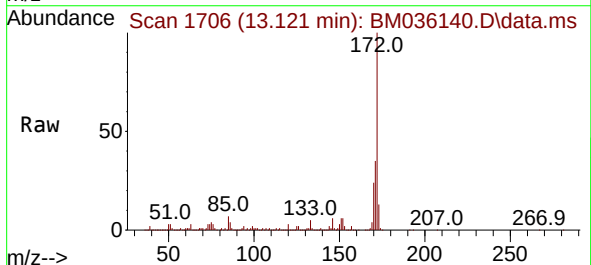
Instrument :
BNA_M
ClientSampleId :
RVE-172

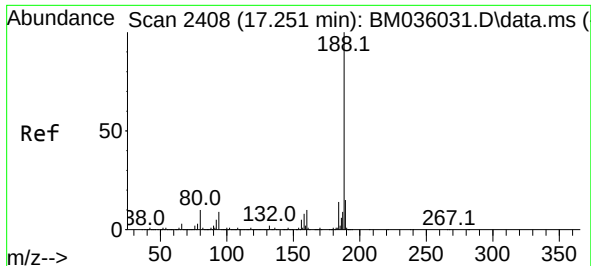
Tgt Ion:330 Resp: 1038026
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 35.6 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 73.203 ng
RT: 13.121 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

Tgt Ion:172 Resp: 3720789
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.9 18.7 28.1

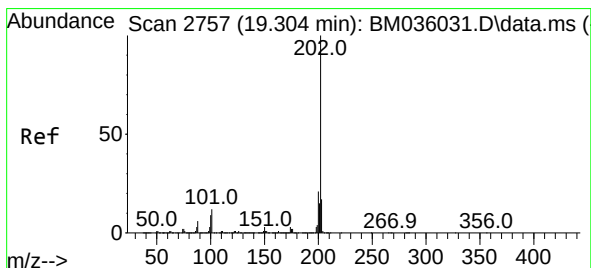
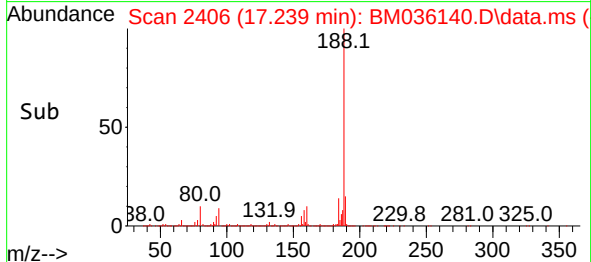
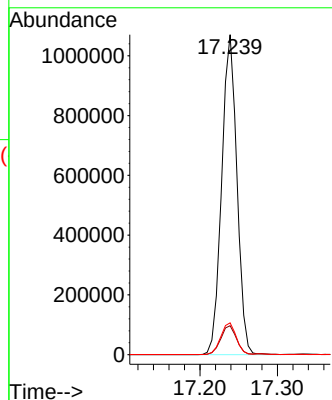
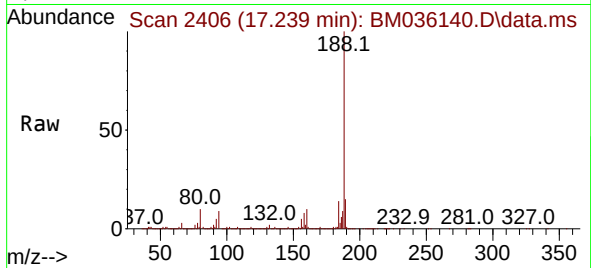




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

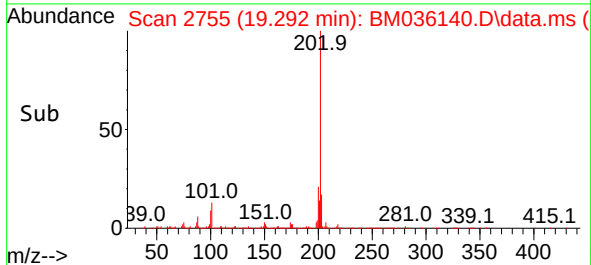
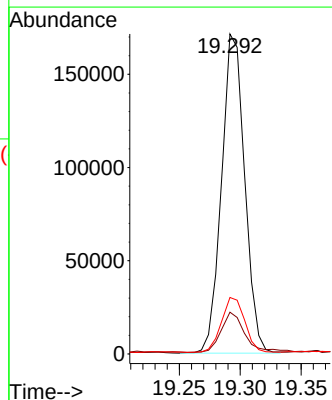
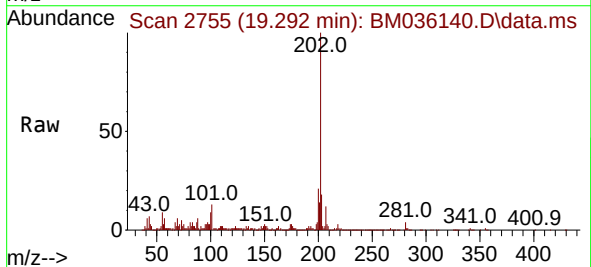
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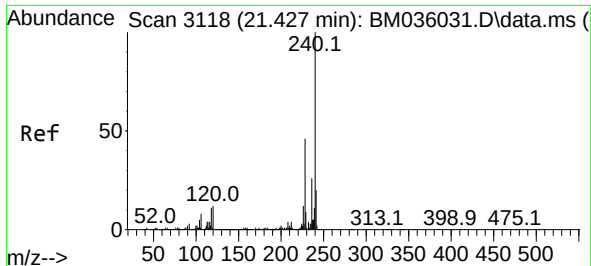
Tgt Ion:188 Resp: 1462222
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 10.0 7.6 11.4



#75
Fluoranthene
Concen: 2.717 ng
RT: 19.292 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

Tgt Ion:202 Resp: 226549
Ion Ratio Lower Upper
202 100
101 13.0 0.0 30.6
203 17.7 0.0 37.4

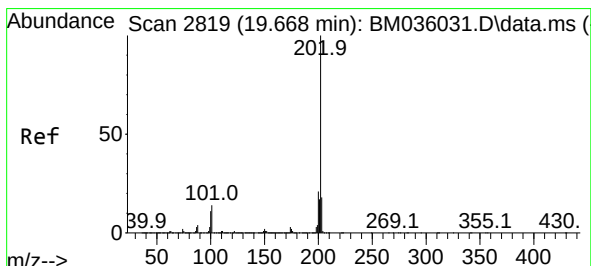
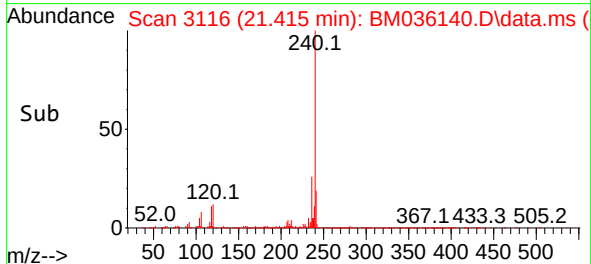
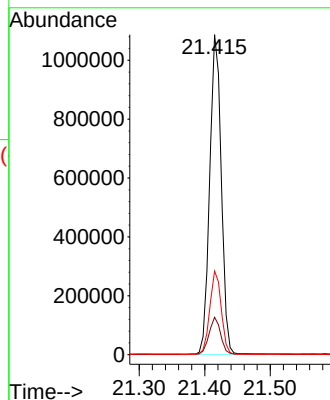
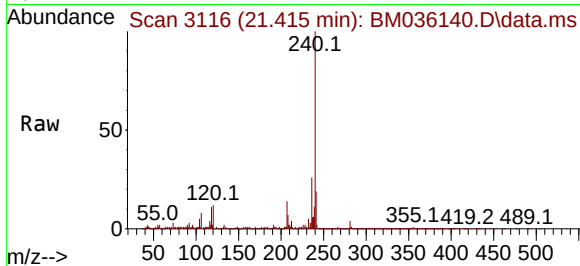




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

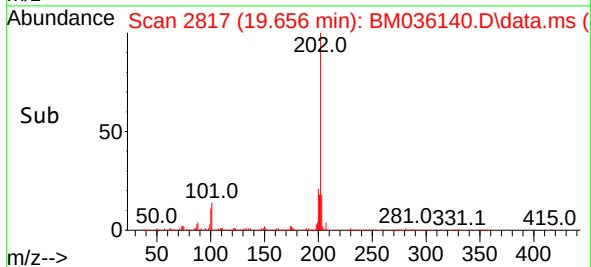
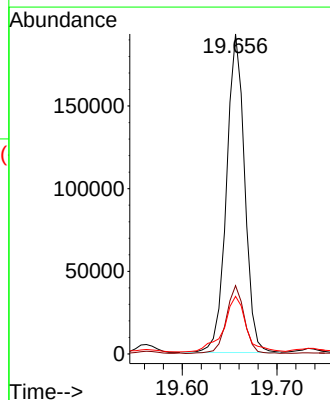
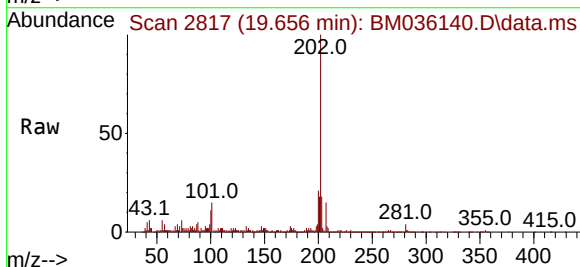
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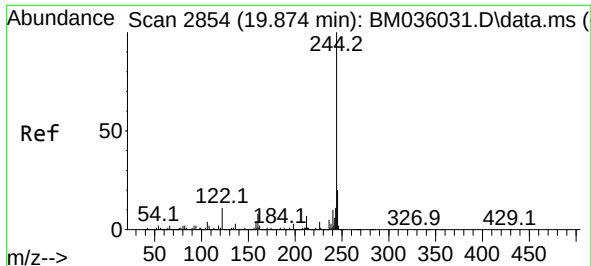
Tgt Ion:240 Resp: 1336144
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.0
236 26.2 20.6 30.8



#78
Pyrene
Concen: 3.094 ng
RT: 19.656 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

Tgt Ion:202 Resp: 256376
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 18.0 13.9 20.9

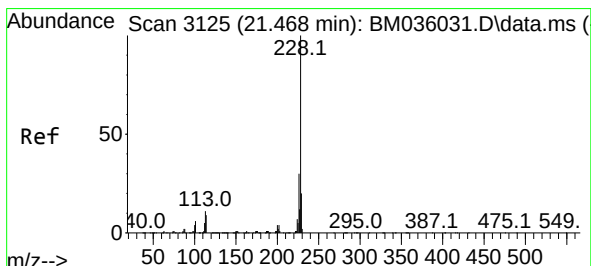
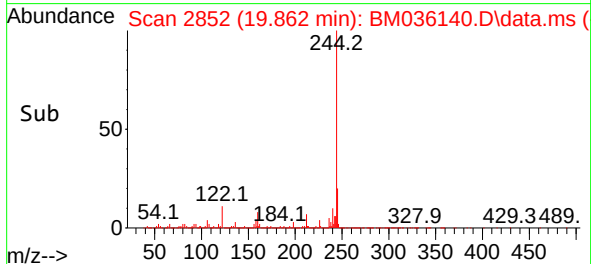
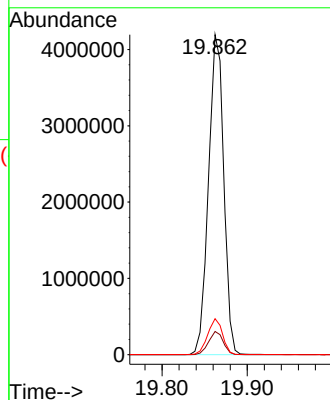
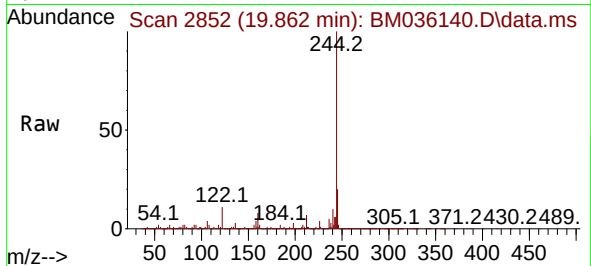




#79
 Terphenyl-d14
 Concen: 76.827 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036140.D
 Acq: 06 Aug 2022 03:56

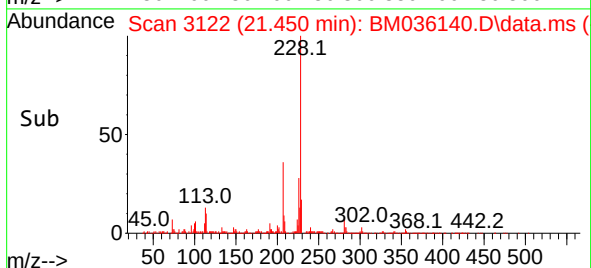
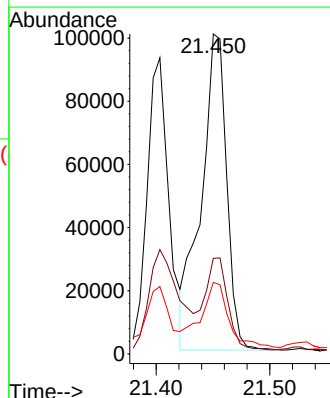
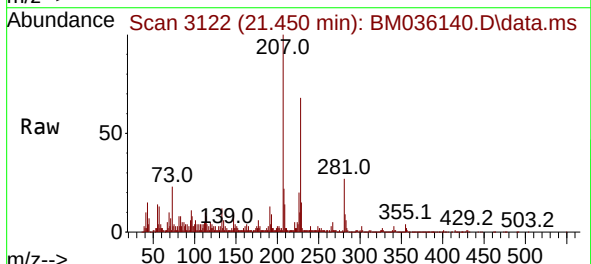
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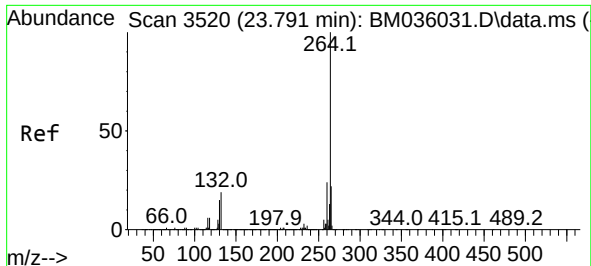
Tgt Ion:244 Resp: 5204297
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 11.3 8.3 12.5



#83
 Chrysene
 Concen: 2.008 ng
 RT: 21.450 min Scan# 3122
 Delta R.T. -0.012 min
 Lab File: BM036140.D
 Acq: 06 Aug 2022 03:56

Tgt Ion:228 Resp: 157082
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.4 36.6
 229 22.4 15.8 23.8

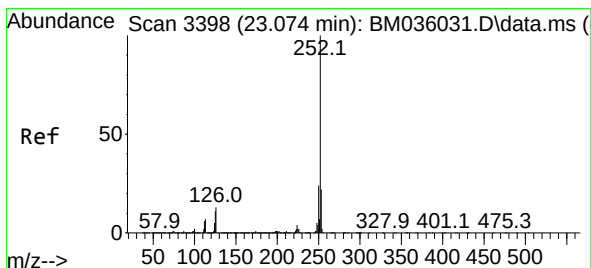
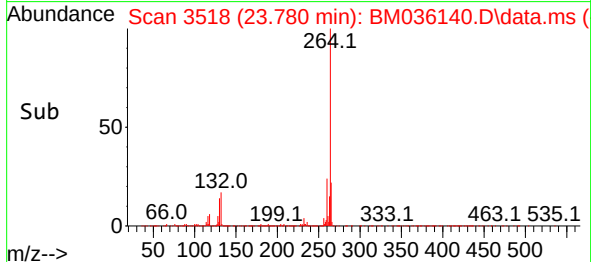
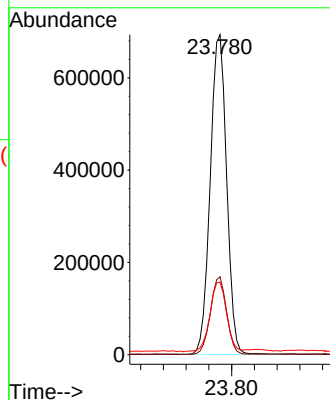
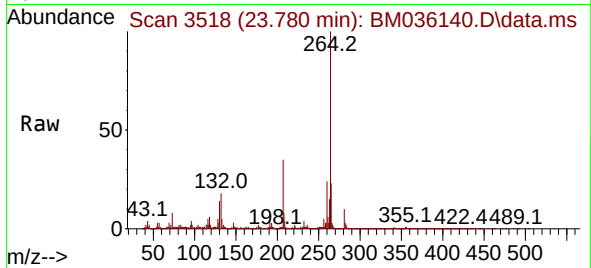




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

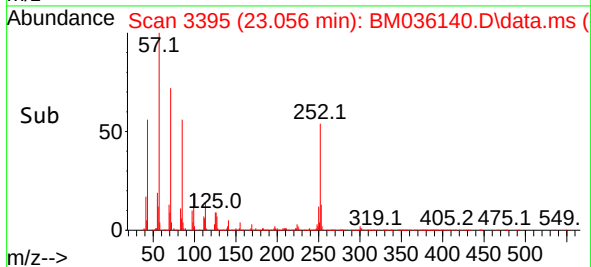
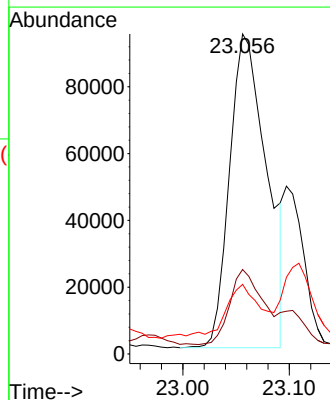
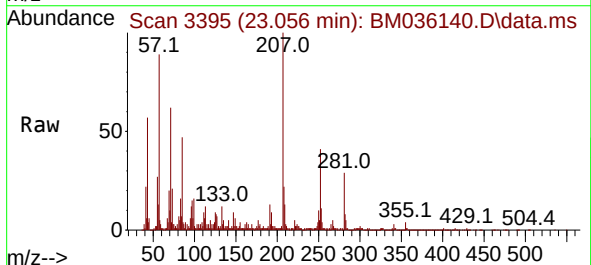
Instrument :
BNA_M
ClientSampleId :
RVE-172

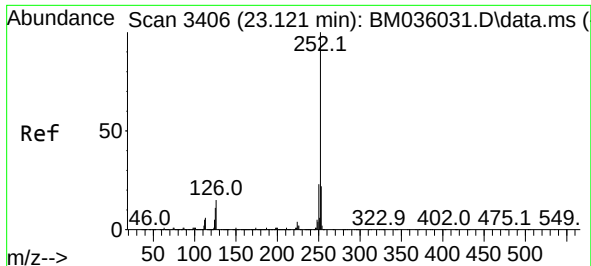
Tgt Ion:264 Resp: 1383187
Ion Ratio Lower Upper
264 100
260 24.4 18.9 28.3
265 22.7 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 2.801 ng
RT: 23.056 min Scan# 3395
Delta R.T. -0.012 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

Tgt Ion:252 Resp: 227008
Ion Ratio Lower Upper
252 100
253 26.4 17.6 26.4
125 21.8 7.6 11.4#

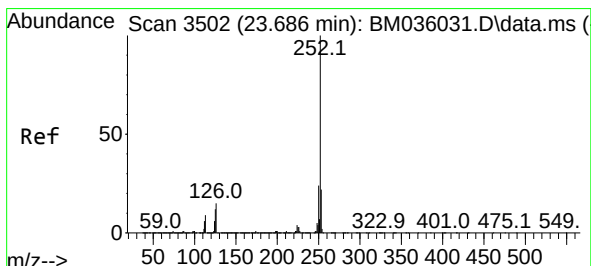
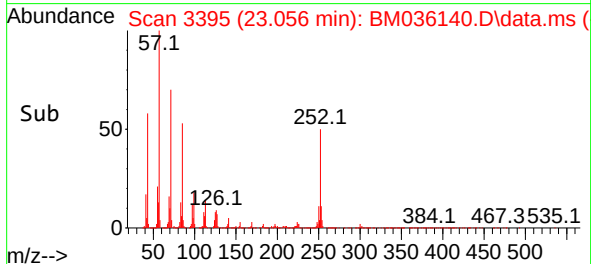
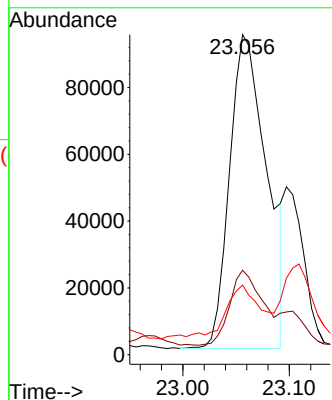
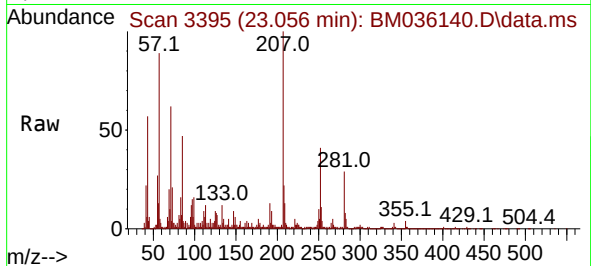




#89
Benzo(k)fluoranthene
Concen: 2.773 ng
RT: 23.056 min Scan# 31
Delta R.T. -0.059 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

Instrument :
BNA_M
ClientSampleId :
RVE-172

Tgt Ion:252 Resp: 227008
Ion Ratio Lower Upper
252 100
253 26.4 17.5 26.3#
125 21.8 7.6 11.4#



#90
Benzo(a)pyrene
Concen: 2.149 ng
RT: 23.668 min Scan# 3499
Delta R.T. -0.012 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

Tgt Ion:252 Resp: 146134
Ion Ratio Lower Upper
252 100
253 25.4 17.2 25.8
125 19.6 8.7 13.1#

